

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013313.D
 Acq On : 14 Apr 2023 13:00
 Operator : KP/MD
 Sample : VY0414SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2023
 Supervised By : Mahesh Dadoda 04/17/2023

Quant Time: Apr 17 02:08:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	291302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	437357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	389551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	194524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	157006	44.849	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.700%		
35) Dibromofluoromethane	7.709	113	143771	50.777	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.560%		
50) Toluene-d8	10.172	98	516552	49.013	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.020%		
62) 4-Bromofluorobenzene	12.477	95	168623	49.243	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	51115	19.496	ug/l	98
3) Chloromethane	2.107	50	57071	17.375	ug/l	98
4) Vinyl Chloride	2.247	62	55909	17.953	ug/l	99
5) Bromomethane	2.643	94	38228	16.008	ug/l	87
6) Chloroethane	2.784	64	35247	16.783	ug/l	96
7) Trichlorofluoromethane	3.113	101	97679	20.153	ug/l	99
8) Diethyl Ether	3.527	74	33936	19.271	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	58433	20.515	ug/l	97
10) Methyl Iodide	4.082	142	69242	19.819	ug/l	96
11) Tert butyl alcohol	4.966	59	45737m	75.065	ug/l	
12) 1,1-Dichloroethene	3.863	96	55038	20.079	ug/l	95
13) Acrolein	3.722	56	40143	93.345	ug/l	100
14) Allyl chloride	4.472	41	97087	18.541	ug/l	97
15) Acrylonitrile	5.161	53	94618	93.503	ug/l	99
16) Acetone	3.948	43	103982	86.388	ug/l	99
17) Carbon Disulfide	4.186	76	174952	19.386	ug/l	99
18) Methyl Acetate	4.472	43	73263	18.820	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	155793	18.973	ug/l	98
20) Methylene Chloride	4.704	84	72105	20.127	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	61282	19.585	ug/l	99
22) Diisopropyl ether	6.112	45	195409	18.936	ug/l	91
23) Vinyl Acetate	6.051	43	606231	92.929	ug/l	99
24) 1,1-Dichloroethane	6.009	63	112047	19.438	ug/l	95
25) 2-Butanone	6.984	43	138479	89.853	ug/l	94
26) 2,2-Dichloropropane	6.978	77	98990	19.141	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	67067	19.711	ug/l	97
28) Bromochloromethane	7.325	49	44896	19.542	ug/l	99
29) Tetrahydrofuran	7.344	42	87610	93.596	ug/l	100
30) Chloroform	7.502	83	114624	19.650	ug/l	100
31) Cyclohexane	7.777	56	100810	19.045	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	102208	19.368	ug/l	100
36) 1,1-Dichloropropene	7.911	75	86798	20.235	ug/l	99
37) Ethyl Acetate	7.069	43	64502	18.655	ug/l	97
38) Carbon Tetrachloride	7.892	117	94897	20.008	ug/l	97
39) Methylcyclohexane	9.179	83	101173	20.289	ug/l	96
40) Benzene	8.155	78	244837	19.722	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	31998m	22.306	ug/l	
42) 1,2-Dichloroethane	8.234	62	81125	19.273	ug/l	97
43) Isopropyl Acetate	8.270	43	106355	18.519	ug/l	99
44) Trichloroethene	8.935	130	65681	20.538	ug/l	92
45) 1,2-Dichloropropane	9.209	63	64124	19.900	ug/l	94
46) Dibromomethane	9.301	93	38898	20.058	ug/l	99
47) Bromodichloromethane	9.490	83	88161	19.886	ug/l	99
48) Methyl methacrylate	9.288	41	49152	18.632	ug/l	99
49) 1,4-Dioxane	9.313	88	10570	402.279	ug/l #	92
51) 4-Methyl-2-Pentanone	10.063	43	298433	95.482	ug/l	98
52) Toluene	10.240	92	152199	20.303	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	89518	19.281	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	101994	20.035	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	52354	20.474	ug/l	97
56) Ethyl methacrylate	10.508	69	69976	19.987	ug/l	100
57) 1,3-Dichloropropane	10.788	76	85945	19.762	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	153812	105.214	ug/l	99
59) 2-Hexanone	10.831	43	215198	94.691	ug/l	98
60) Dibromochloromethane	10.983	129	64157	20.010	ug/l	99
61) 1,2-Dibromoethane	11.081	107	50897	20.441	ug/l	100
64) Tetrachloroethene	10.715	164	58083	21.135	ug/l	100
65) Chlorobenzene	11.514	112	160730	19.724	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	61324	20.053	ug/l	98
67) Ethyl Benzene	11.587	91	281246	19.816	ug/l	99
68) m/p-Xylenes	11.697	106	221794	40.843	ug/l	99
69) o-Xylene	12.026	106	101746	20.231	ug/l	99
70) Styrene	12.038	104	174908	20.591	ug/l	99
71) Bromoform	12.203	173	42622	20.118	ug/l #	98
73) Isopropylbenzene	12.324	105	268144	20.096	ug/l	100
74) N-amyl acetate	12.142	43	90166	18.941	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.574	83	64047	19.431	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	42636m	17.590	ug/l	
77) Bromobenzene	12.605	156	67681	20.284	ug/l	98
78) n-propylbenzene	12.666	91	334611	20.305	ug/l	99
79) 2-Chlorotoluene	12.751	91	187534	20.217	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	230859	20.656	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	22896	19.605	ug/l	97
82) 4-Chlorotoluene	12.849	91	194247	19.863	ug/l	100
83) tert-Butylbenzene	13.068	119	194222	20.252	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	224819	20.669	ug/l	99
85) sec-Butylbenzene	13.251	105	292369	20.386	ug/l	100
86) p-Isopropyltoluene	13.367	119	244666	20.790	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	131134	20.388	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	132550	20.393	ug/l	98
89) n-Butylbenzene	13.690	91	228195	20.274	ug/l	99
90) Hexachloroethane	13.958	117	49588	20.209	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	120218	20.540	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11507	19.224	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	72863	20.946	ug/l	97
94) Hexachlorobutadiene	15.111	225	43508	21.122	ug/l	97
95) Naphthalene	15.233	128	151648	19.843	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	65642	20.712	ug/l	99

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

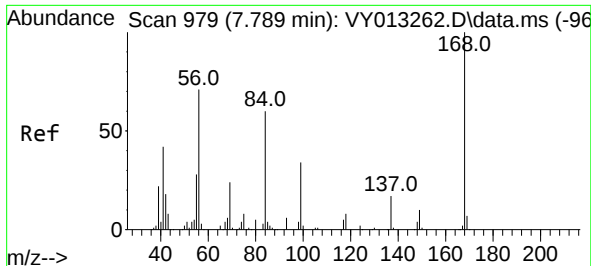
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/17/2023

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Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

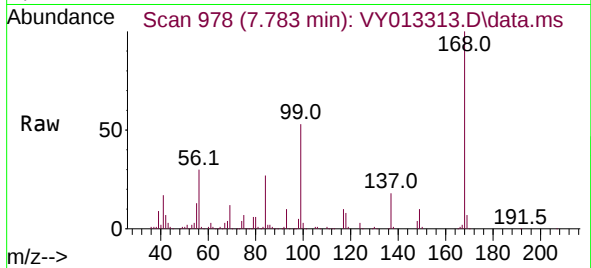
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

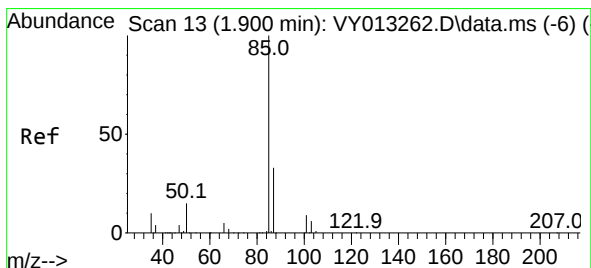
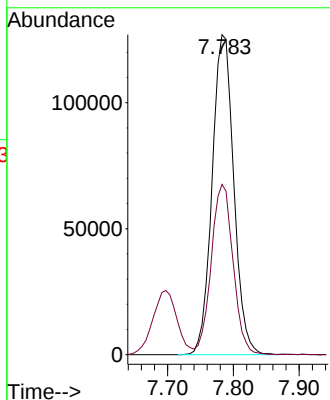
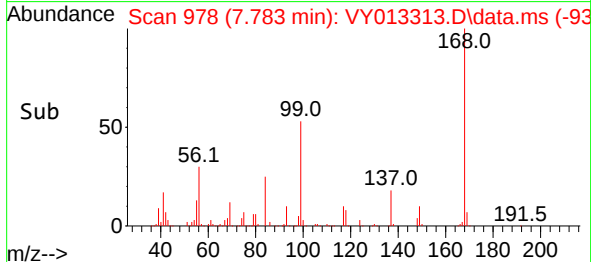
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01



Tgt Ion:168 Resp: 29130
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5

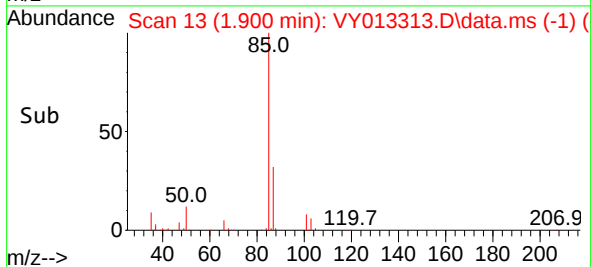
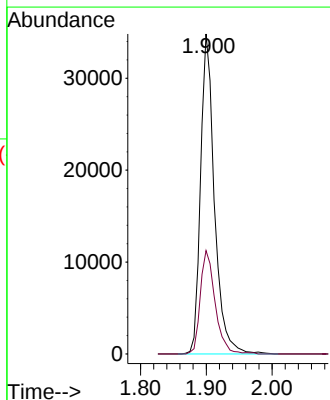
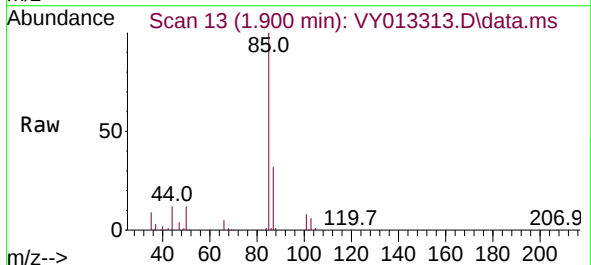
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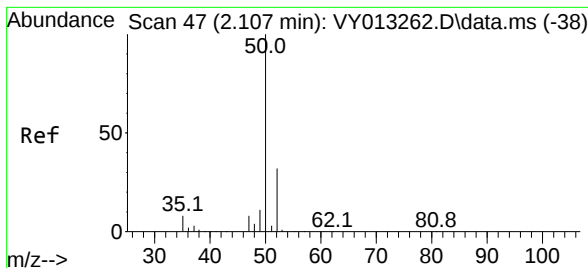
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#2
Dichlorodifluoromethane
Concen: 19.496 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

Tgt Ion: 85 Resp: 51115
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.0





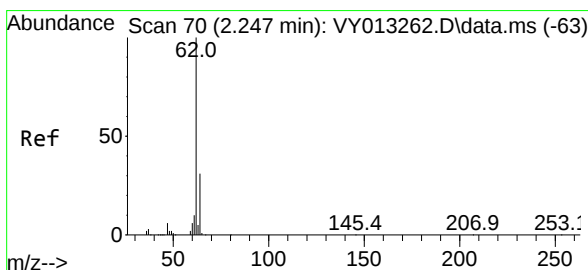
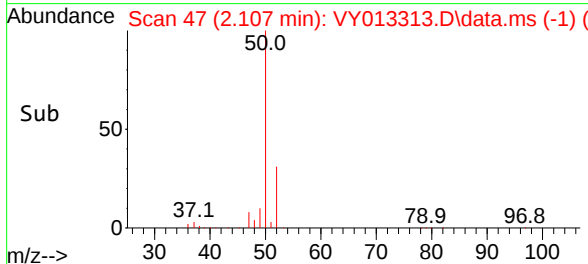
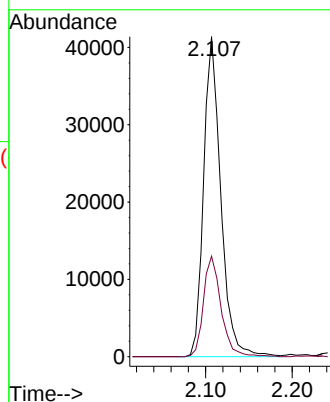
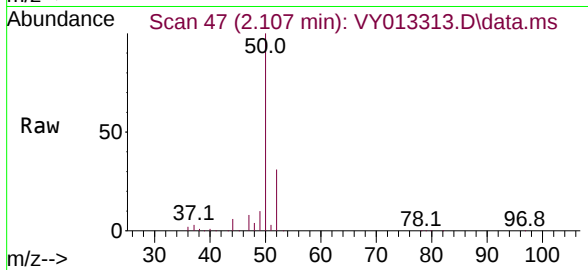
#3
Chloromethane
Concen: 17.375 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

Tgt Ion: 50 Resp: 5707
Ion Ratio Lower Upper
50 100
52 31.4 26.0 39.0

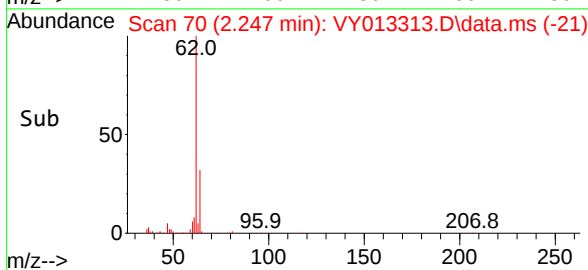
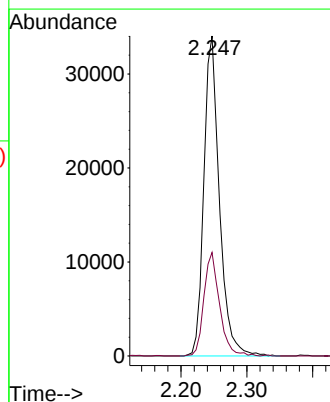
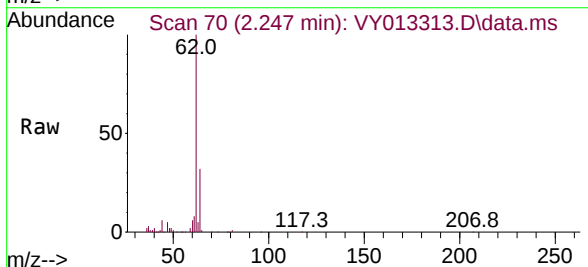
Manual Integrations
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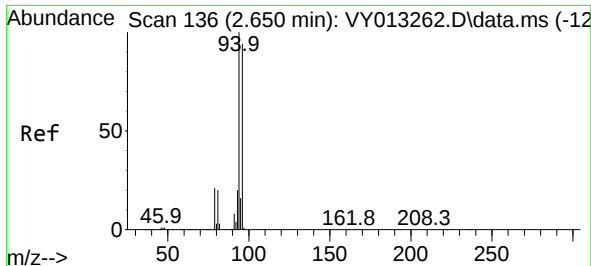
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#4
Vinyl Chloride
Concen: 17.953 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

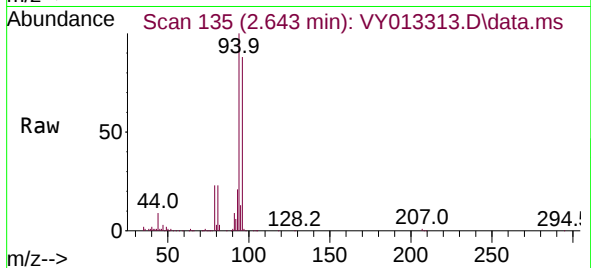
Tgt Ion: 62 Resp: 55909
Ion Ratio Lower Upper
62 100
64 32.4 25.6 38.4





#5
Bromomethane
Concen: 16.008 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

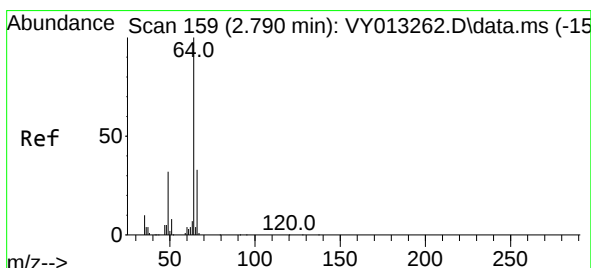
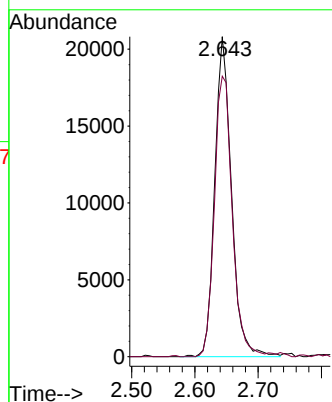
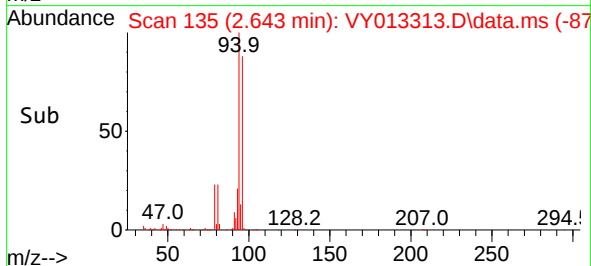
Instrument :
MSVOA_Y
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Tgt Ion: 94 Resp: 38228
Ion Ratio Lower Upper
94 100
96 87.7 80.3 120.5

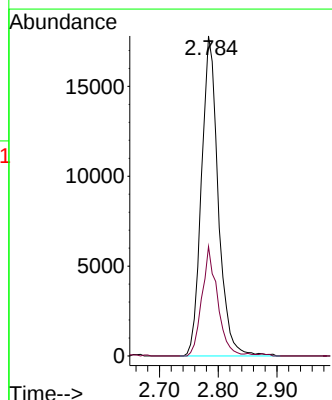
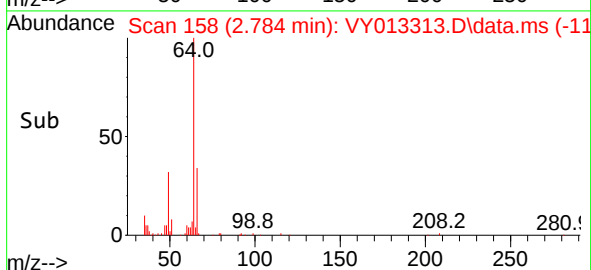
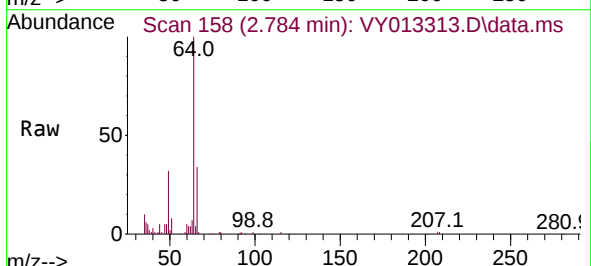
Manual Integrations
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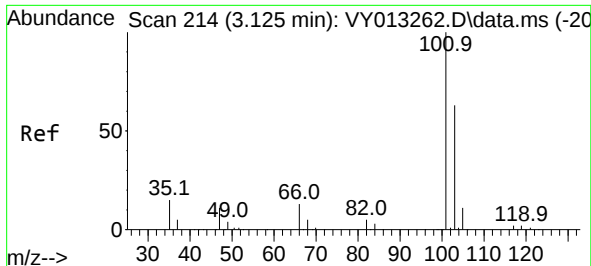
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#6
Chloroethane
Concen: 16.783 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

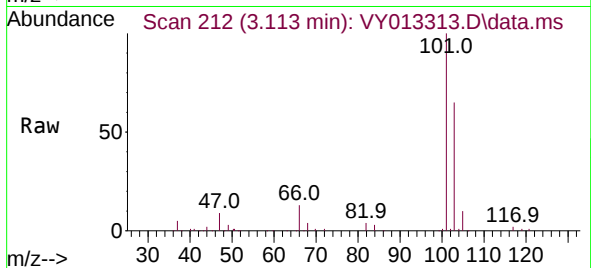
Tgt Ion: 64 Resp: 35247
Ion Ratio Lower Upper
64 100
66 34.2 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 20.153 ug/l
 RT: 3.113 min Scan# 214
 Delta R.T. -0.013 min
 Lab File: VY013313.D
 Acq: 14 Apr 2023 13:00

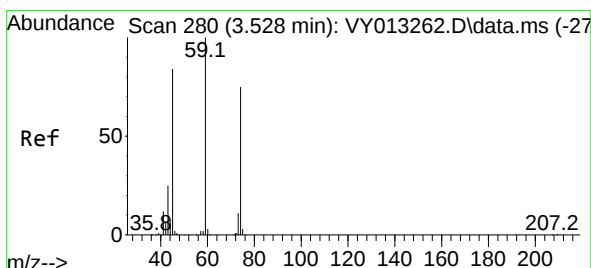
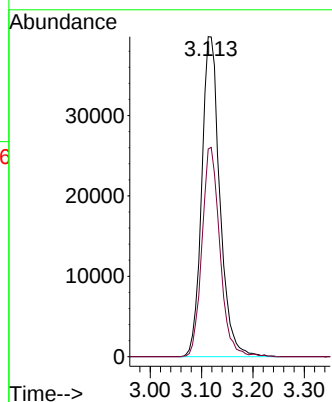
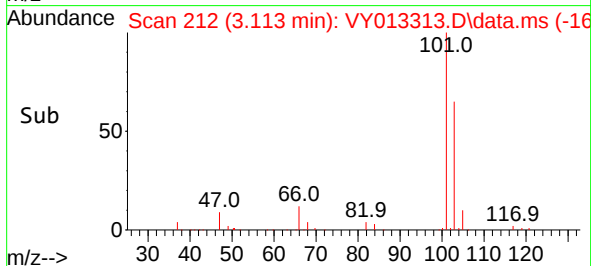
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01



Tgt Ion:101 Resp: 97679
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.5 77.3

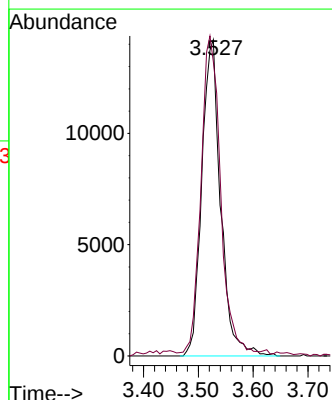
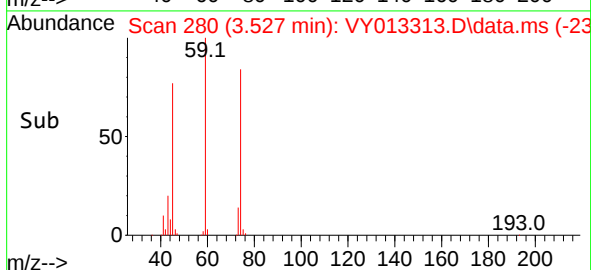
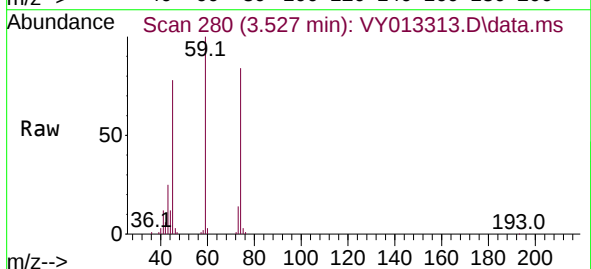
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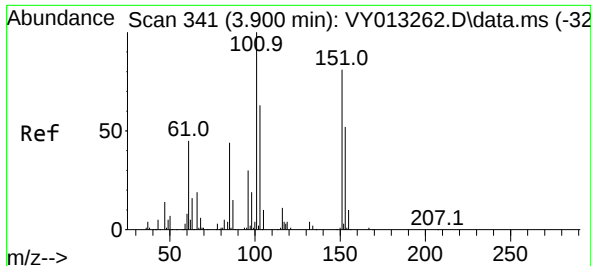
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023



#8
 Diethyl Ether
 Concen: 19.271 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY013313.D
 Acq: 14 Apr 2023 13:00

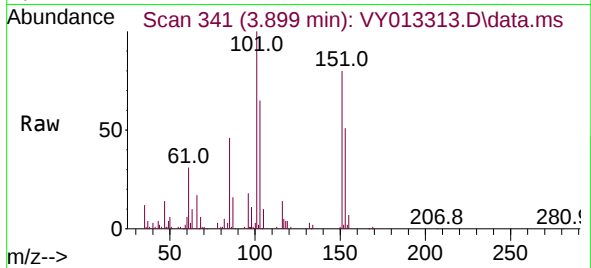
Tgt Ion: 74 Resp: 33936
 Ion Ratio Lower Upper
 74 100
 45 103.2 52.1 156.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.515 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

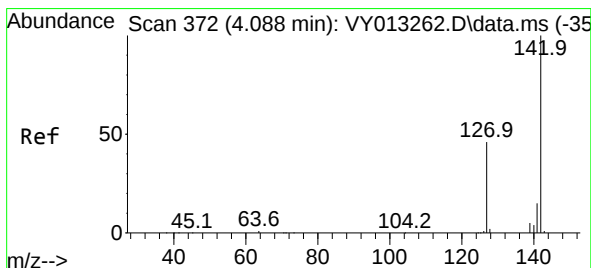
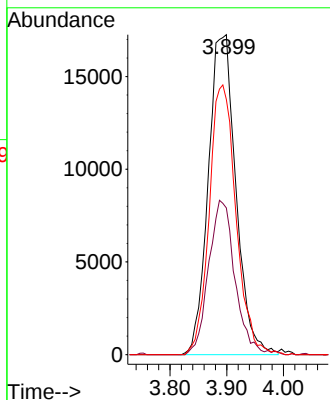
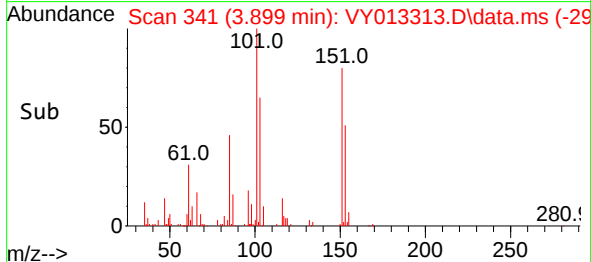
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01



Tgt Ion:101 Resp: 5843
Ion Ratio Lower Upper
101 100
85 46.1 35.3 52.9
151 81.7 63.1 94.7

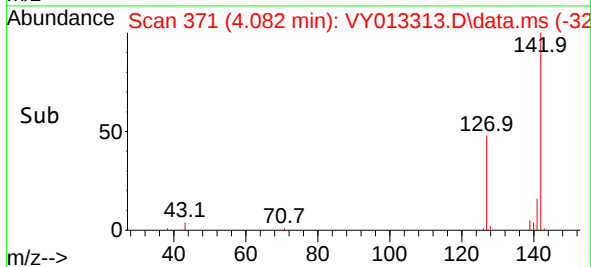
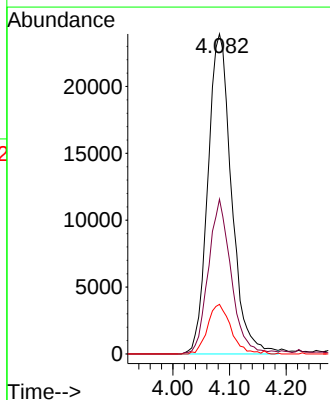
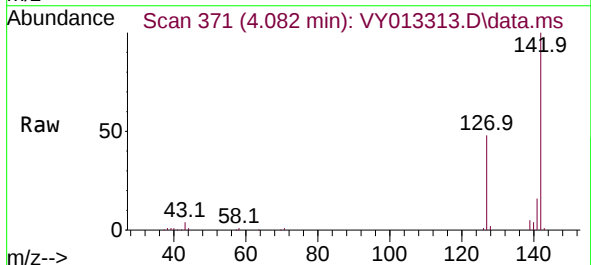
Manual Integrations
APPROVED

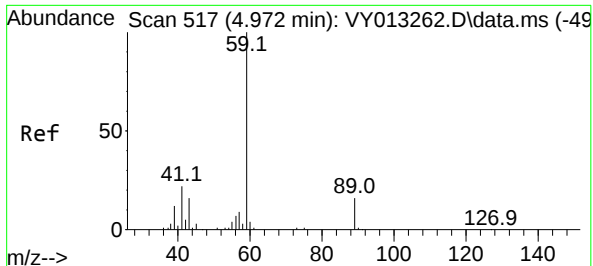
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#10
Methyl Iodide
Concen: 19.819 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

Tgt Ion:142 Resp: 69242
Ion Ratio Lower Upper
142 100
127 46.8 35.4 53.2
141 15.2 11.3 16.9





#11

Tert butyl alcohol

Concen: 75.065 ug/l m

RT: 4.966 min Scan# 517

Delta R.T. -0.006 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tgt Ion: 59 Resp: 4573

Ion Ratio Lower Upper

59 100

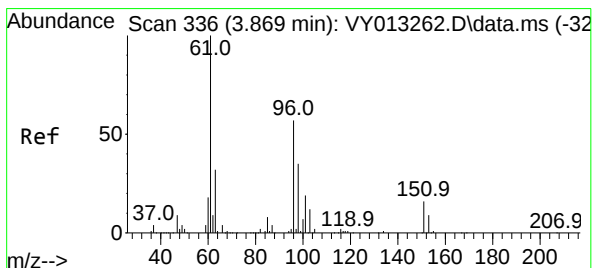
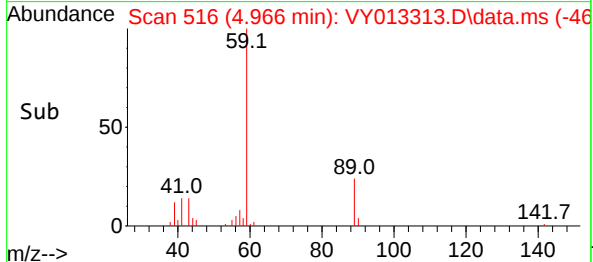
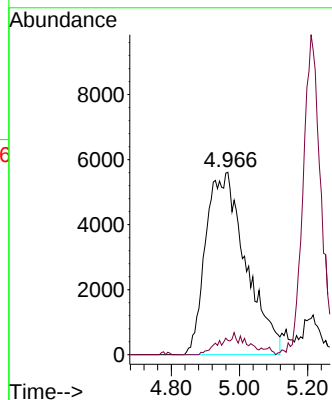
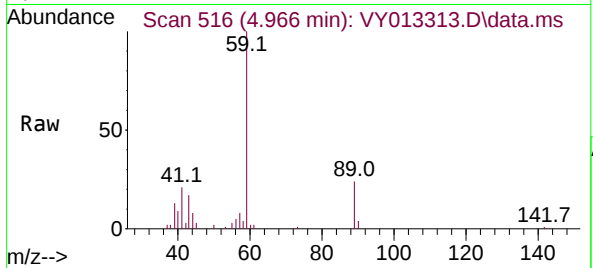
57 0.0 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#12

1,1-Dichloroethene

Concen: 20.079 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.006 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

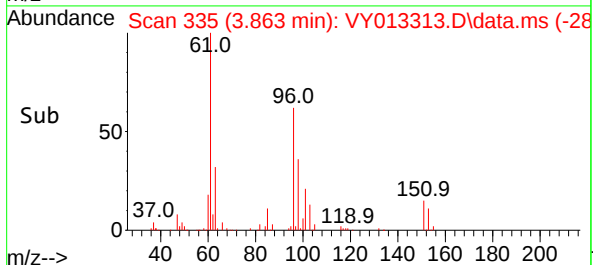
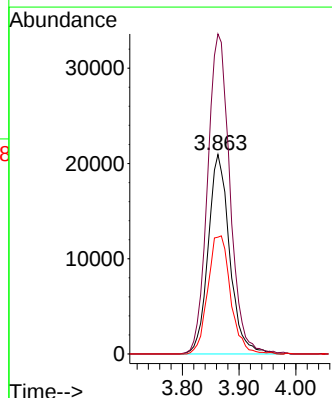
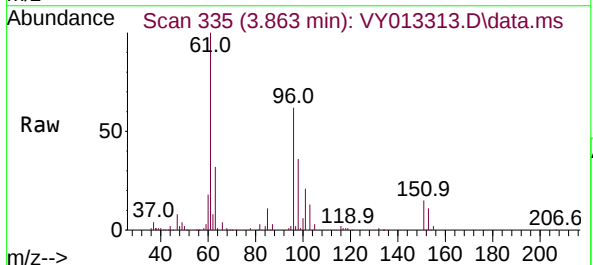
Tgt Ion: 96 Resp: 55038

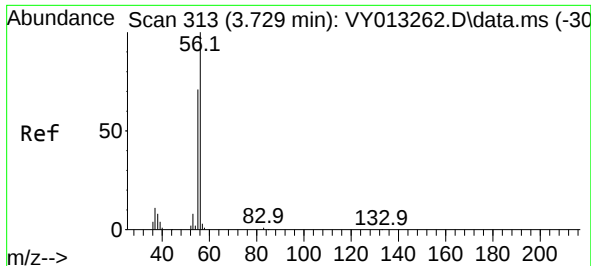
Ion Ratio Lower Upper

96 100

61 160.4 131.7 197.5

98 58.6 52.0 78.0





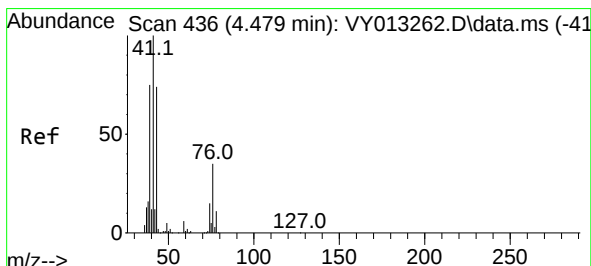
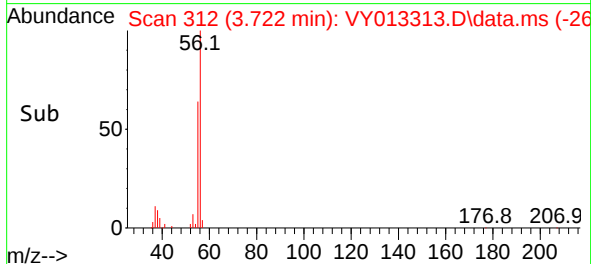
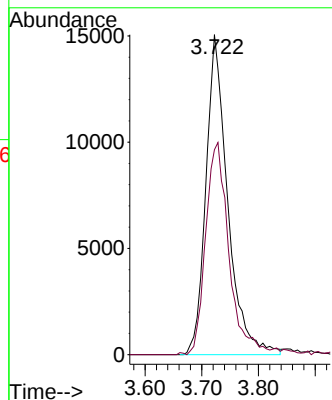
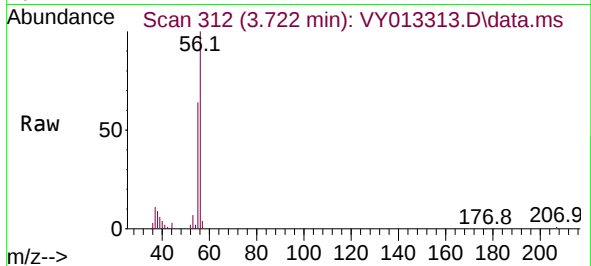
#13
Acrolein
Concen: 93.345 ug/l
RT: 3.722 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tgt Ion: 56 Resp: 4014
Ion Ratio Lower Upper
56 100
55 70.8 56.8 85.2

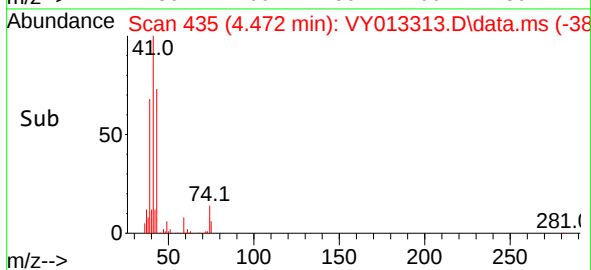
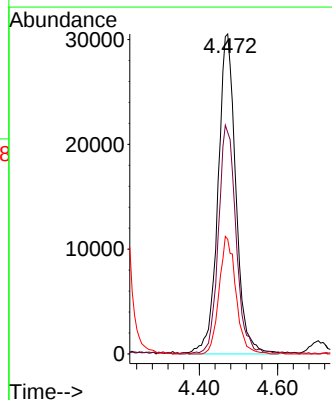
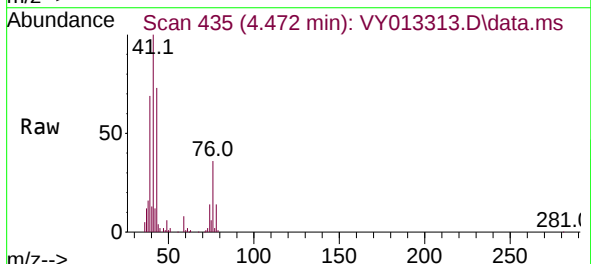
Manual Integrations
APPROVED

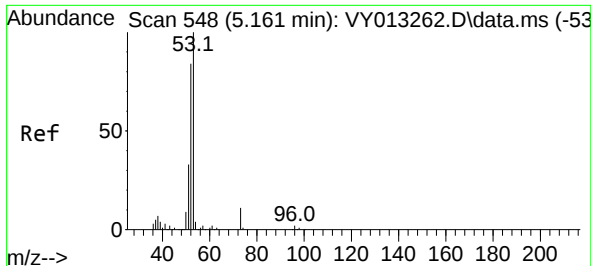
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#14
Allyl chloride
Concen: 18.541 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

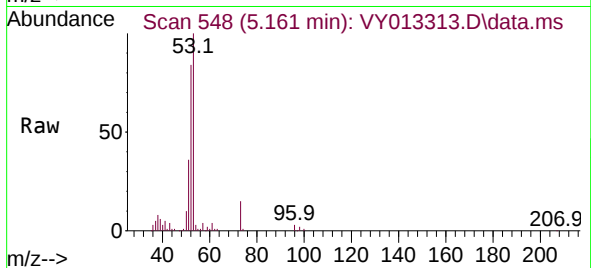
Tgt Ion: 41 Resp: 97087
Ion Ratio Lower Upper
41 100
39 70.1 53.6 80.4
76 34.3 27.2 40.8





#15
Acrylonitrile
Concen: 93.503 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

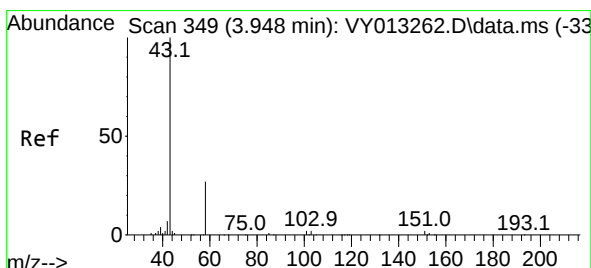
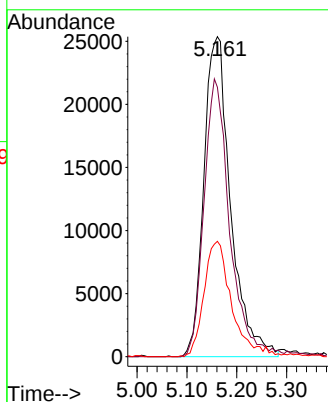
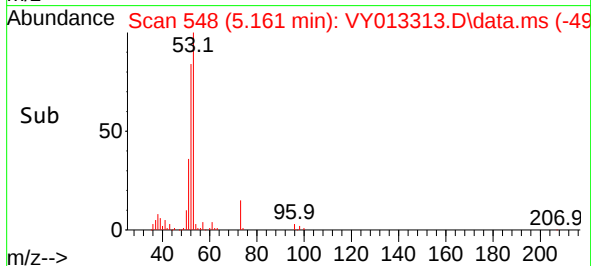
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



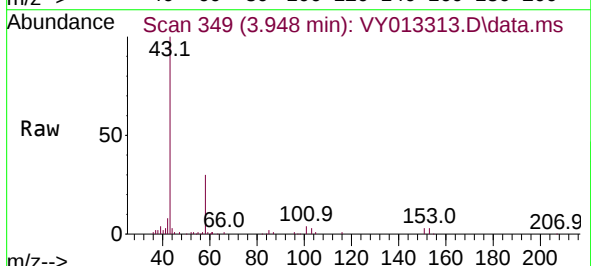
Tgt Ion: 53 Resp: 94618
Ion Ratio Lower Upper
53 100
52 83.1 66.3 99.5
51 37.2 28.8 43.2

Manual Integrations
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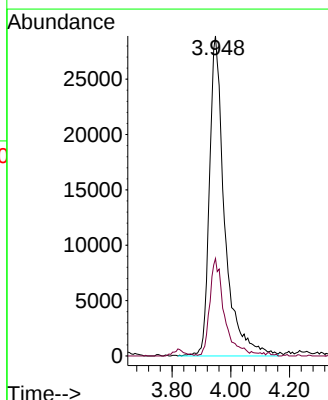
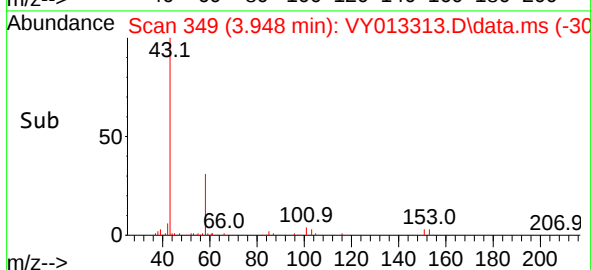
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

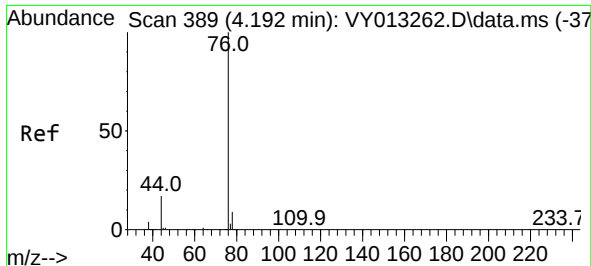


#16
Acetone
Concen: 86.388 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00



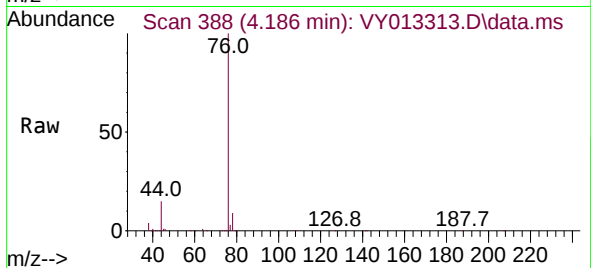
Tgt Ion: 43 Resp: 103982
Ion Ratio Lower Upper
43 100
58 30.5 24.2 36.2





#17
Carbon Disulfide
Concen: 19.386 ug/l
RT: 4.186 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

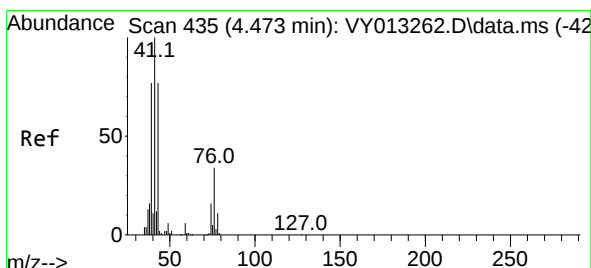
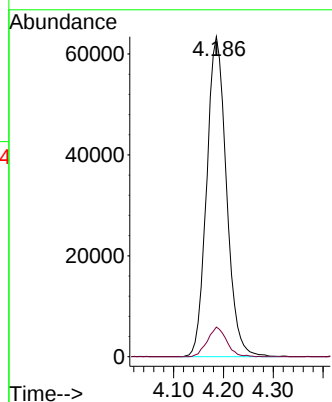
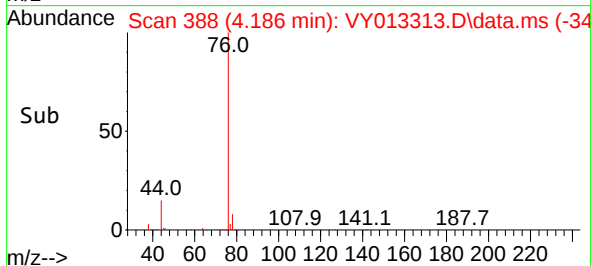
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



Tgt Ion: 76 Resp: 17495
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

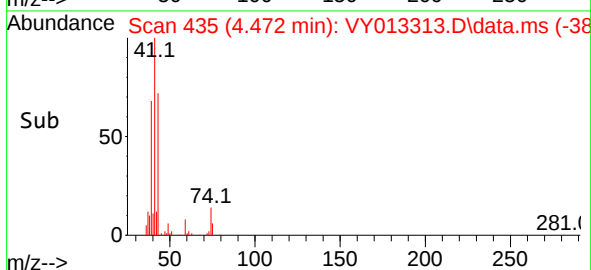
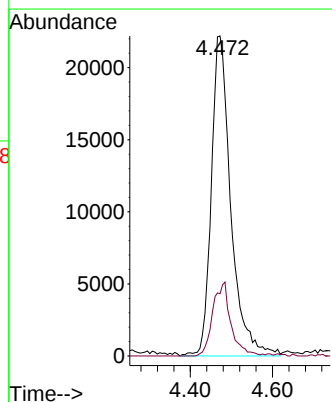
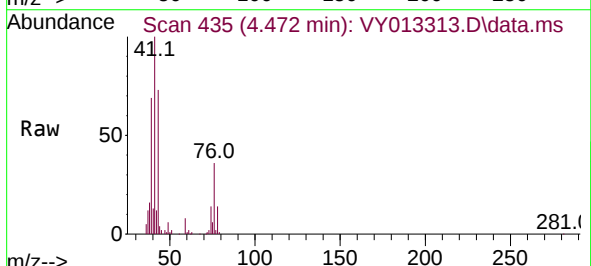
Manual Integrations
APPROVED

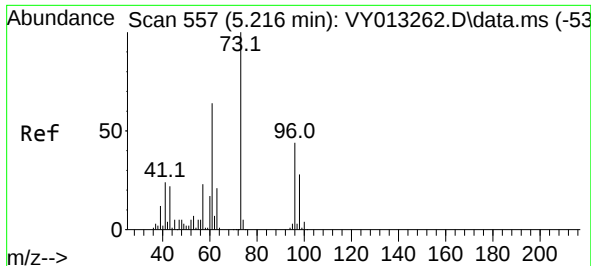
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#18
Methyl Acetate
Concen: 18.820 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

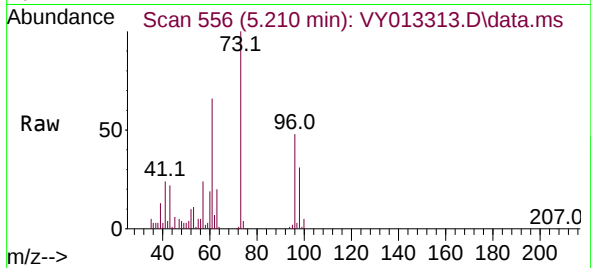
Tgt Ion: 43 Resp: 73263
Ion Ratio Lower Upper
43 100
74 21.3 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 18.973 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

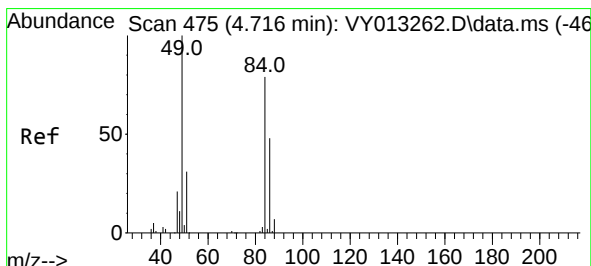
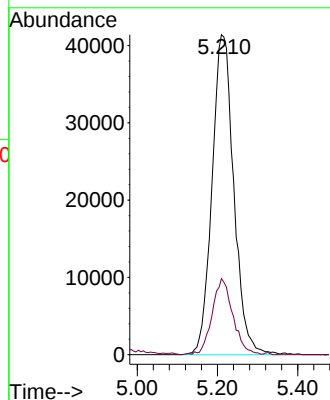
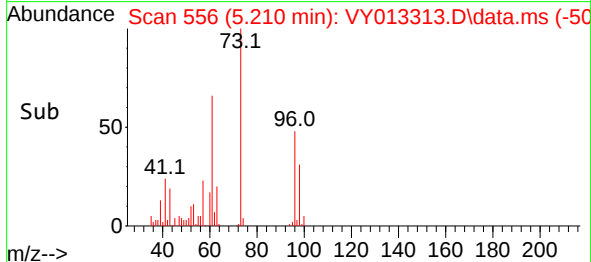
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



Tgt Ion: 73 Resp: 15579
Ion Ratio Lower Upper
73 100
57 23.8 18.3 27.5

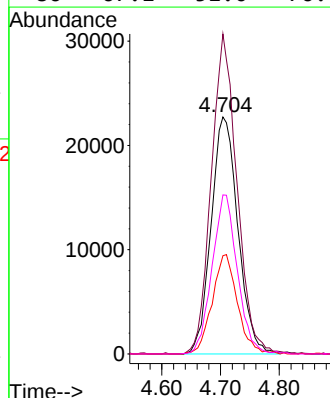
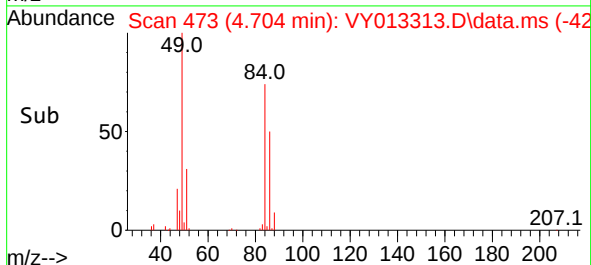
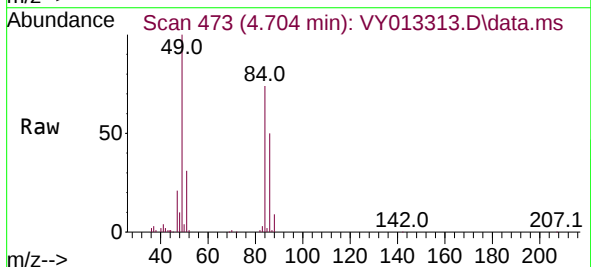
Manual Integrations
APPROVED

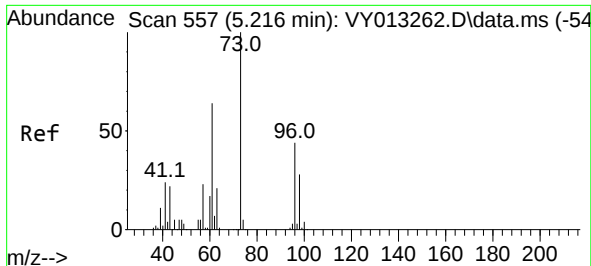
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#20
Methylene Chloride
Concen: 20.127 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

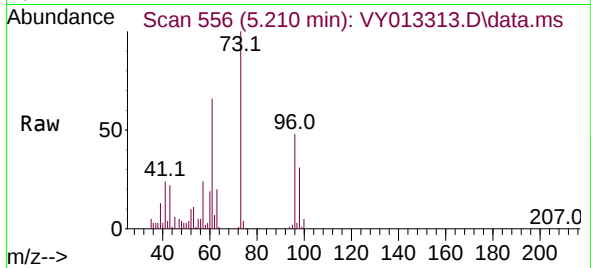
Tgt Ion: 84 Resp: 72105
Ion Ratio Lower Upper
84 100
49 135.1 102.6 154.0
51 41.5 31.9 47.9
86 67.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.585 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

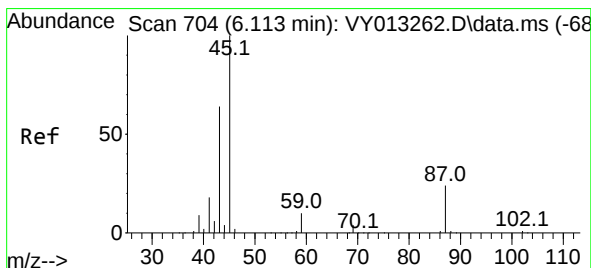
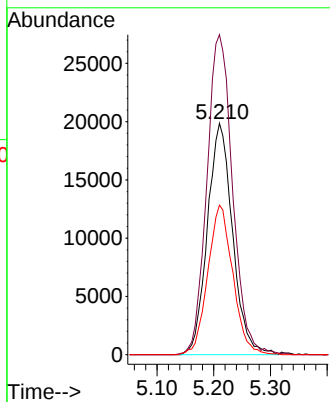
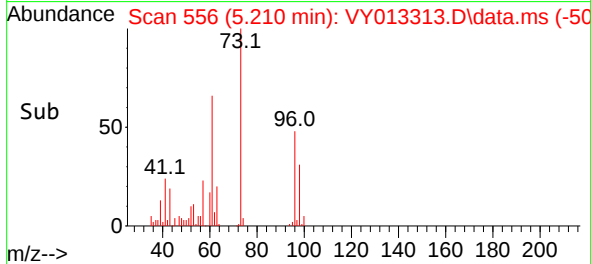
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



Tgt Ion: 96 Resp: 6128
Ion Ratio Lower Upper
96 100
61 138.0 111.4 167.0
98 64.7 50.8 76.2

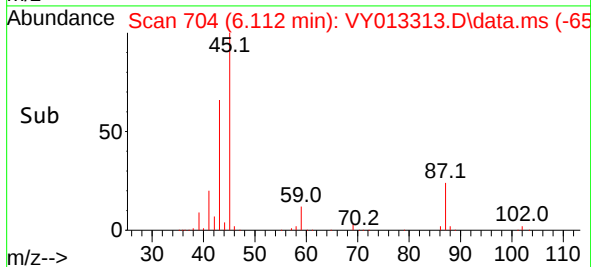
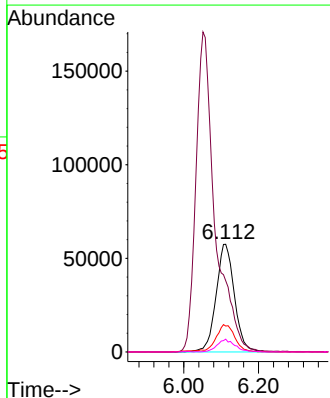
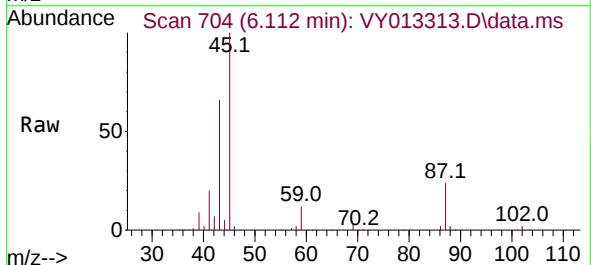
Manual Integrations
APPROVED

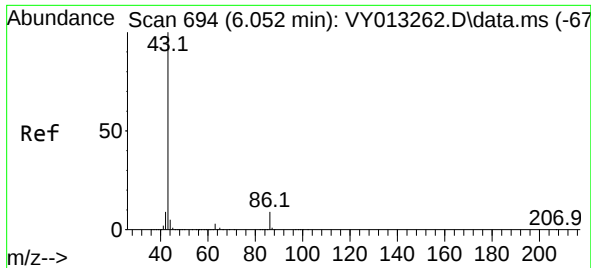
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#22
Diisopropyl ether
Concen: 18.936 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

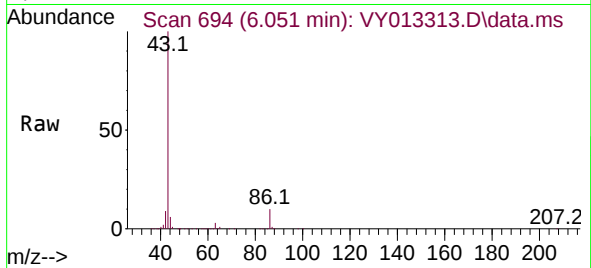
Tgt Ion: 45 Resp: 195409
Ion Ratio Lower Upper
45 100
43 66.0 45.0 67.6
87 24.1 20.3 30.5
59 11.9 8.8 13.2





#23
 Vinyl Acetate
 Concen: 92.929 ug/l
 RT: 6.051 min Scan# 60623
 Delta R.T. -0.001 min
 Lab File: VY013313.D
 Acq: 14 Apr 2023 13:00

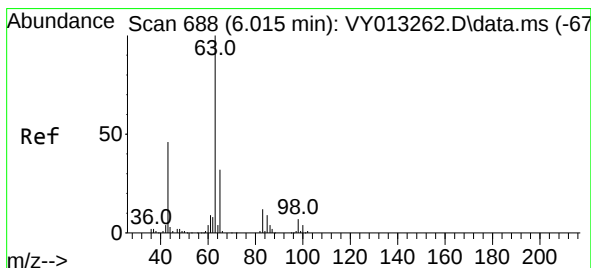
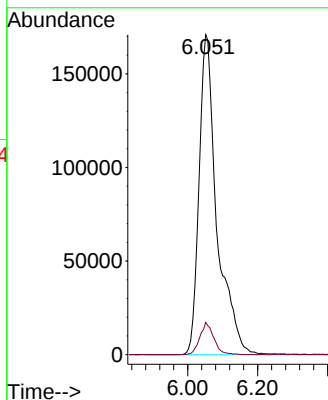
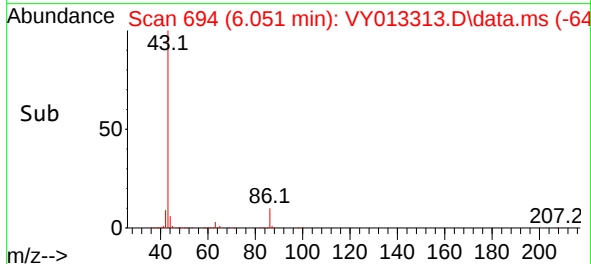
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01



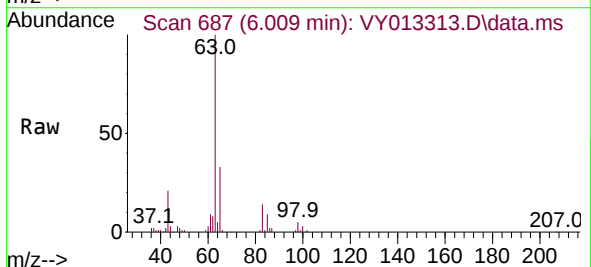
Tgt Ion: 43 Resp: 60623
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8

Manual Integrations
 APPROVED

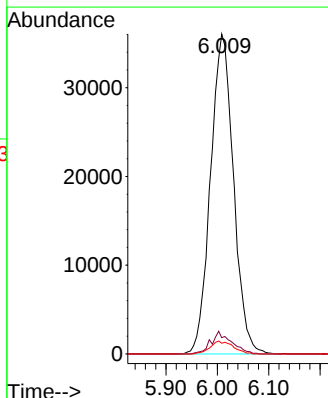
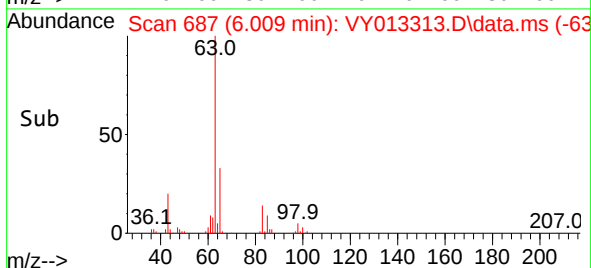
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023

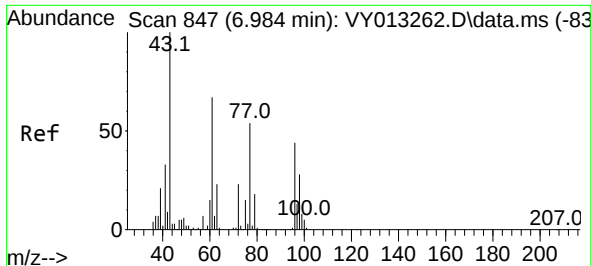


#24
 1,1-Dichloroethane
 Concen: 19.438 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013313.D
 Acq: 14 Apr 2023 13:00



Tgt Ion: 63 Resp: 112047
 Ion Ratio Lower Upper
 63 100
 98 5.1 3.7 11.1
 100 3.3 2.3 6.8





#25

2-Butanone

Concen: 89.853 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY013313.D

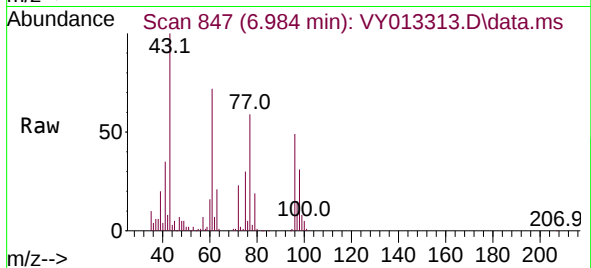
Acq: 14 Apr 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01



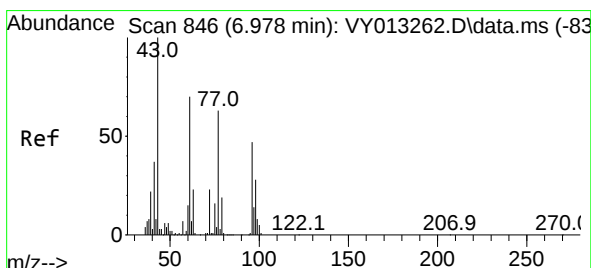
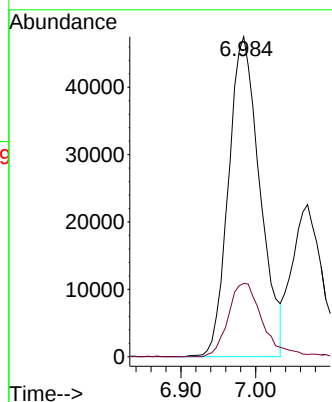
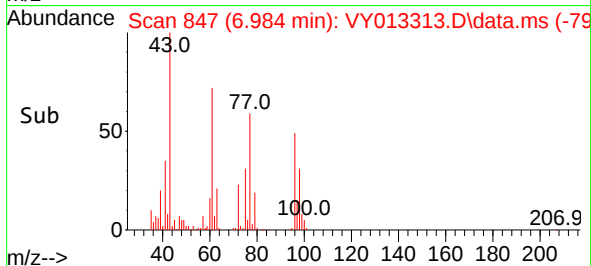
Tgt Ion: 43 Resp: 138479
 Ion Ratio Lower Upper
 43 100
 72 22.9 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#26

2,2-Dichloropropane

Concen: 19.141 ug/l

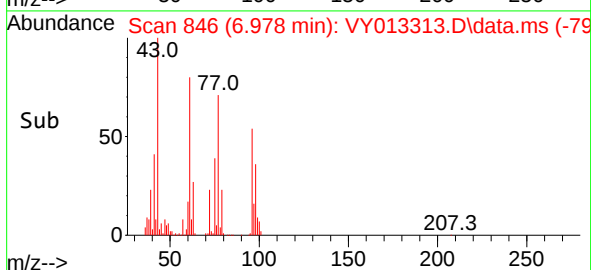
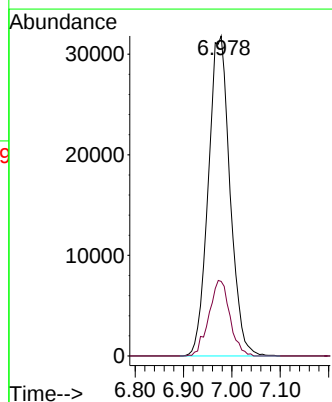
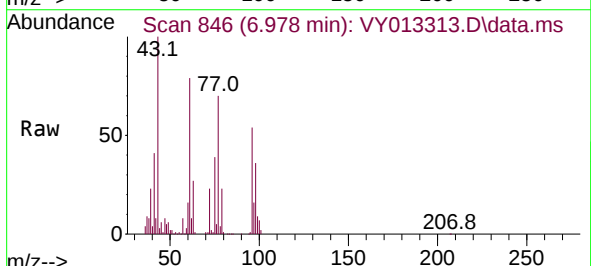
RT: 6.978 min Scan# 846

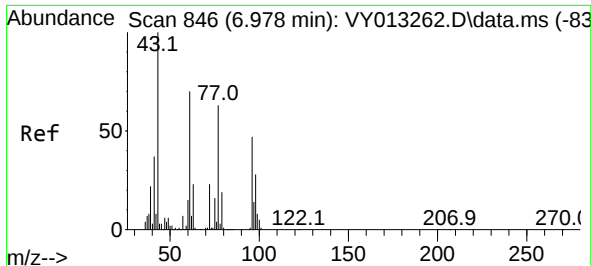
Delta R.T. -0.000 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

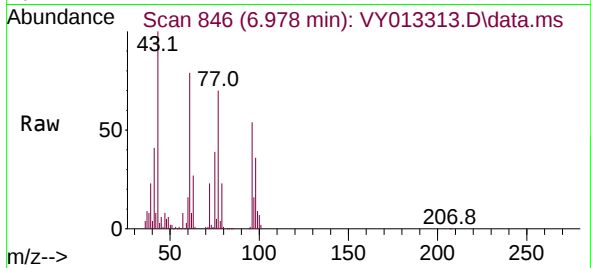
Tgt Ion: 77 Resp: 98990
 Ion Ratio Lower Upper
 77 100
 97 22.8 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 19.711 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY013313.D
 Acq: 14 Apr 2023 13:00

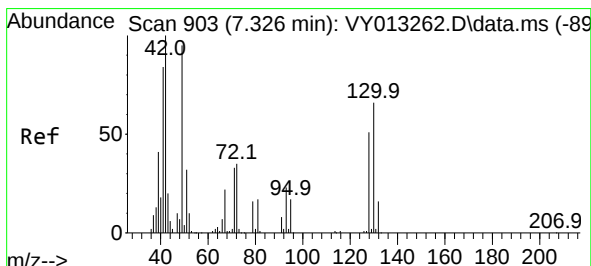
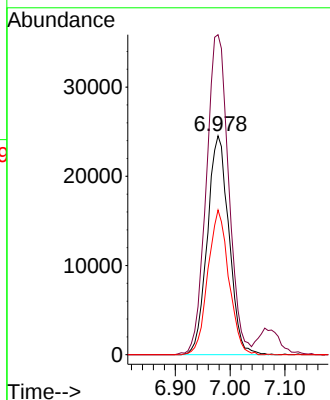
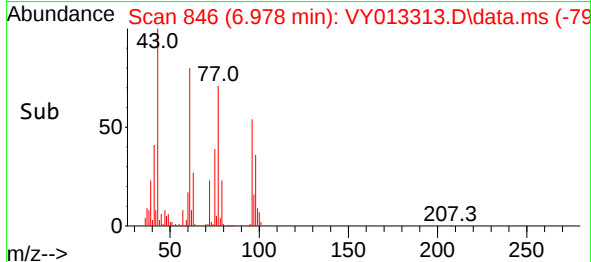
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01



Tgt Ion: 96 Resp: 6706
 Ion Ratio Lower Upper
 96 100
 61 151.8 0.0 295.8
 98 64.2 0.0 130.2

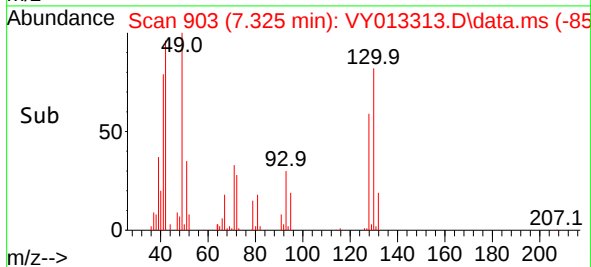
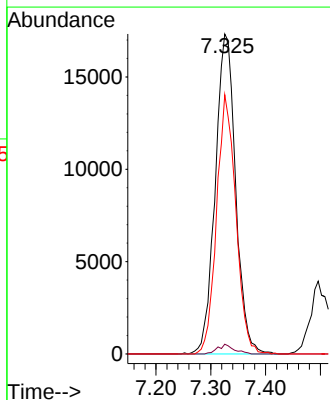
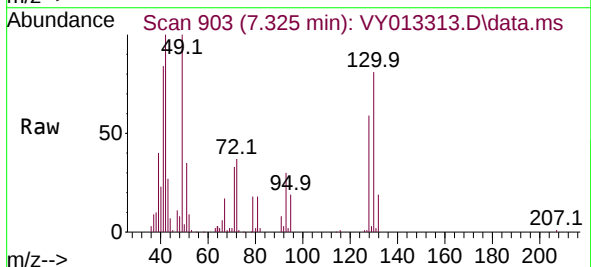
Manual Integrations
 APPROVED

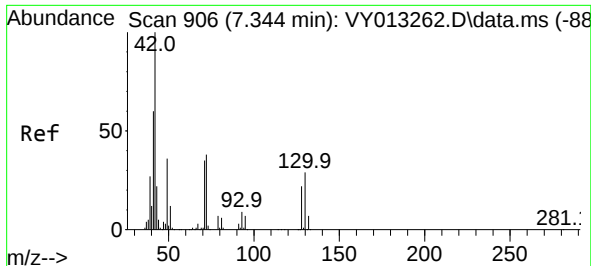
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023



#28
 Bromochloromethane
 Concen: 19.542 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY013313.D
 Acq: 14 Apr 2023 13:00

Tgt Ion: 49 Resp: 44896
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 76.2 60.5 90.7





#29

Tetrahydrofuran

Concen: 93.596 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013313.D

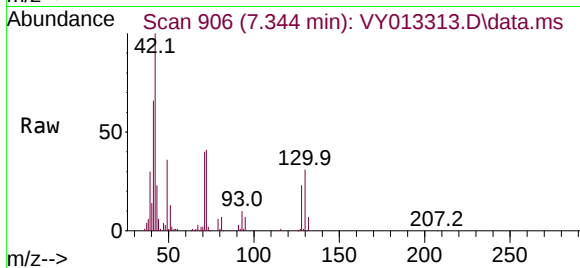
Acq: 14 Apr 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01



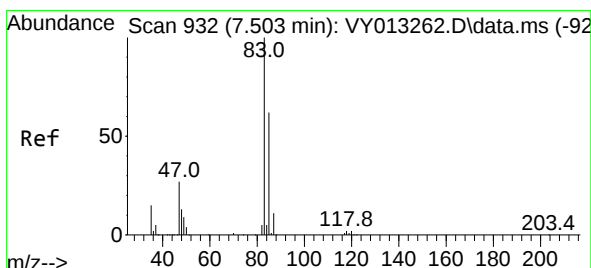
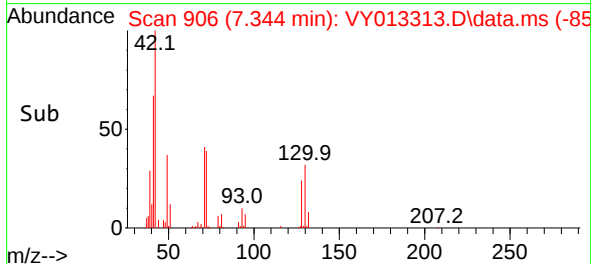
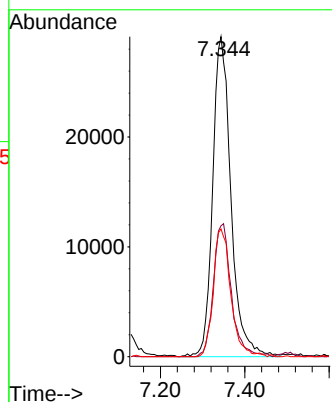
Tgt Ion:	42	Resp:	87610
Ion Ratio	Lower	Upper	
42	100		
72	40.7	32.3	48.5
71	37.9	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#30

Chloroform

Concen: 19.650 ug/l

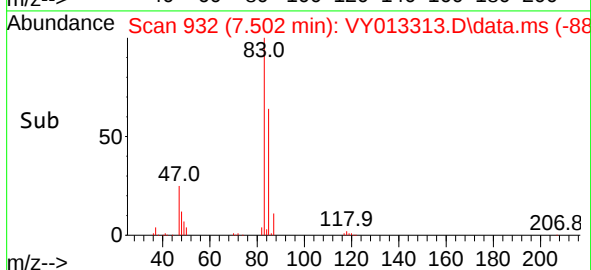
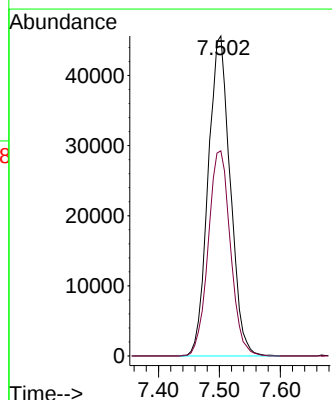
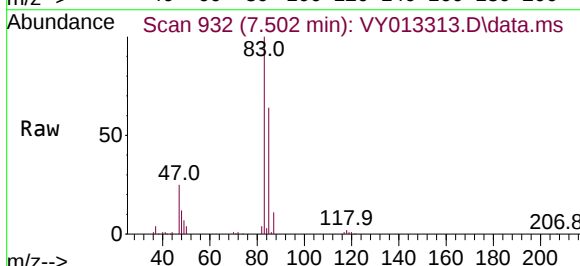
RT: 7.502 min Scan# 932

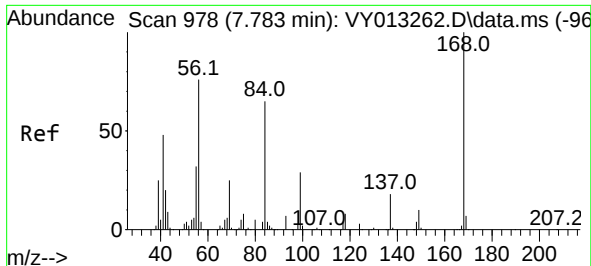
Delta R.T. -0.000 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

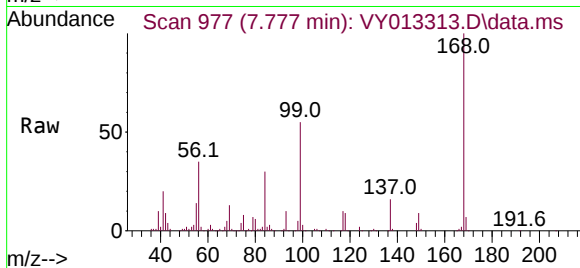
Tgt Ion:	83	Resp:	114624
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.4	77.0





#31
Cyclohexane
Concen: 19.045 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

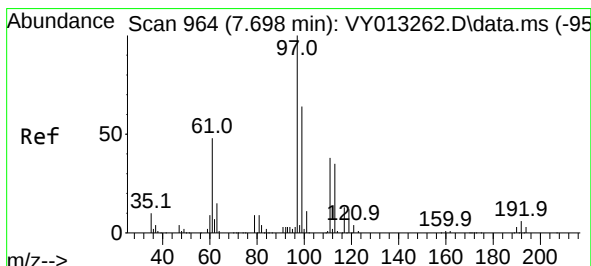
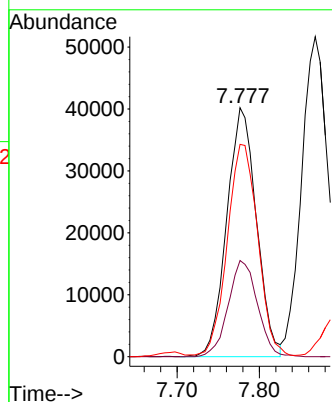
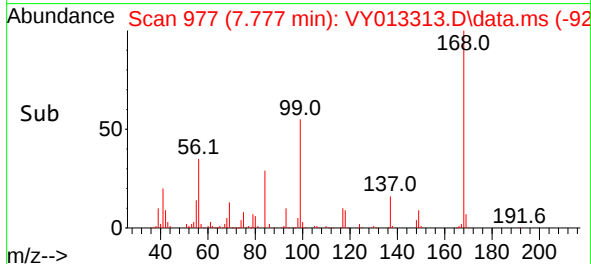
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



Tgt Ion: 56 Resp: 100810
Ion Ratio Lower Upper
56 100
69 38.2 25.7 38.5
84 83.9 64.3 96.5

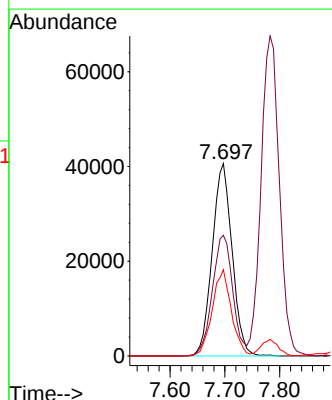
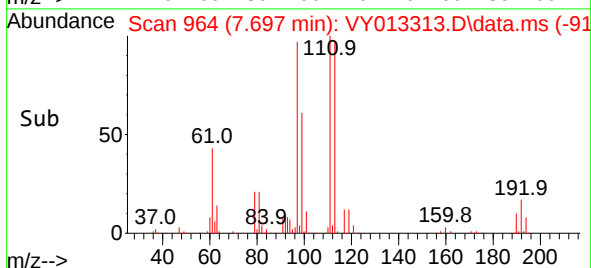
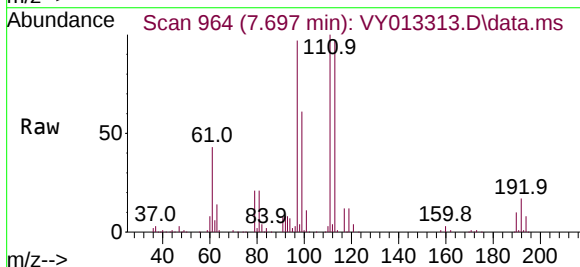
Manual Integrations
APPROVED

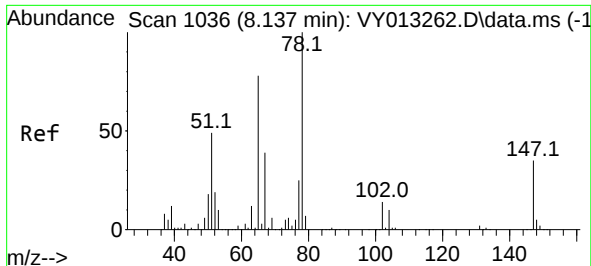
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#32
1,1,1-Trichloroethane
Concen: 19.368 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

Tgt Ion: 97 Resp: 102208
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 43.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.849 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBSD01

Tgt Ion: 65 Resp: 157000

Ion Ratio Lower Upper

65 100

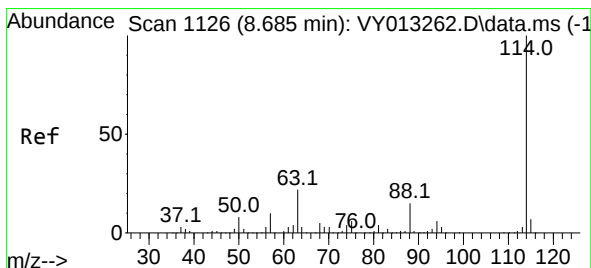
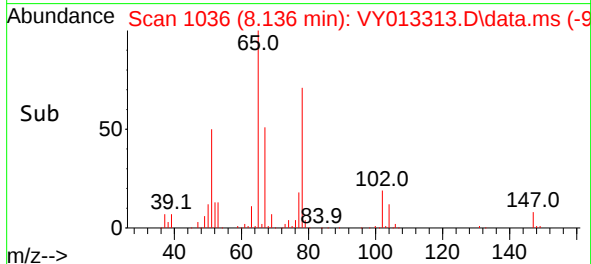
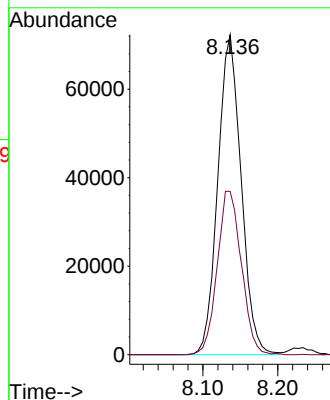
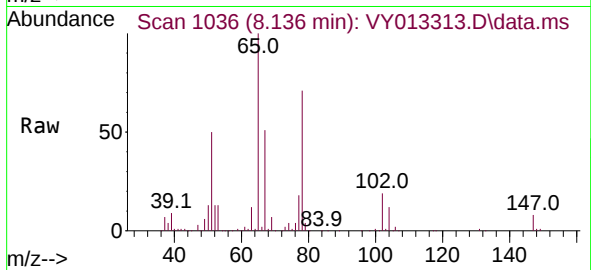
67 53.0 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

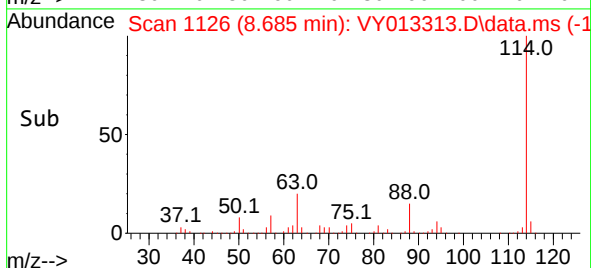
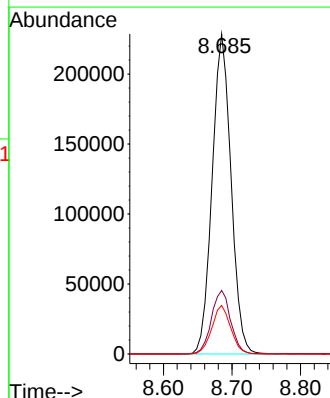
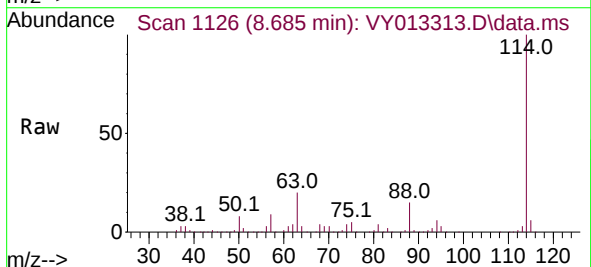
Tgt Ion:114 Resp: 437357

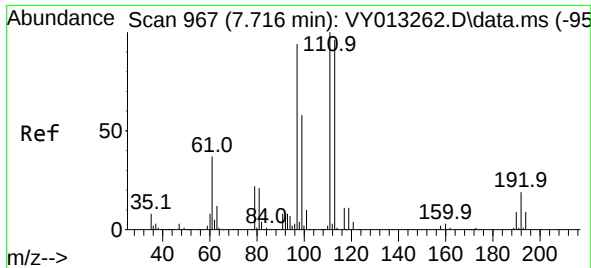
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

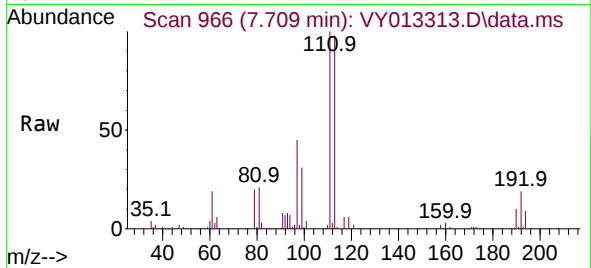
88 15.2 0.0 28.6





#35
Dibromofluoromethane
Concen: 50.777 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

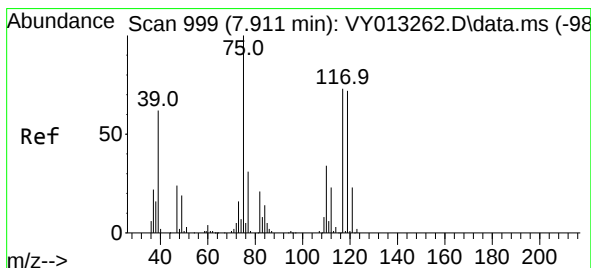
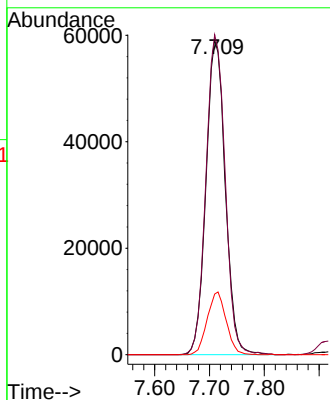
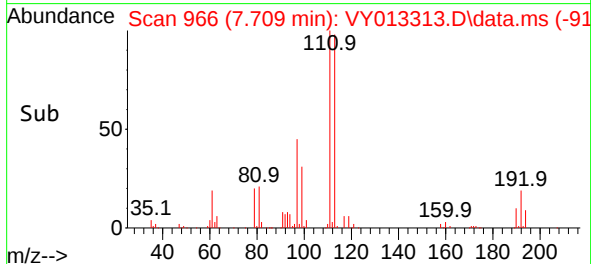
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



Tgt Ion: 113 Resp: 14377
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 19.6 16.8 25.2

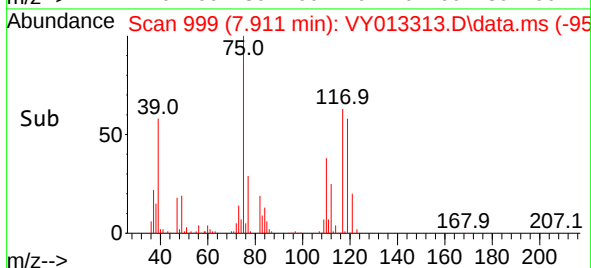
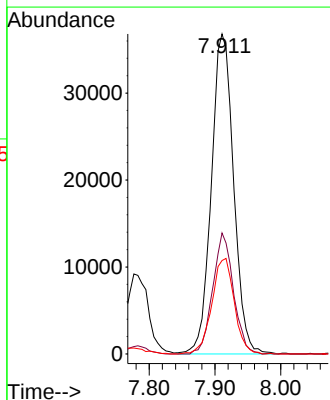
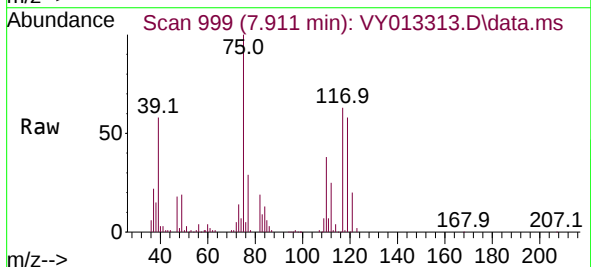
Manual Integrations
APPROVED

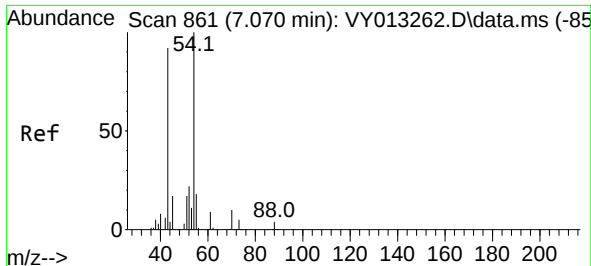
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#36
1,1-Dichloropropene
Concen: 20.235 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

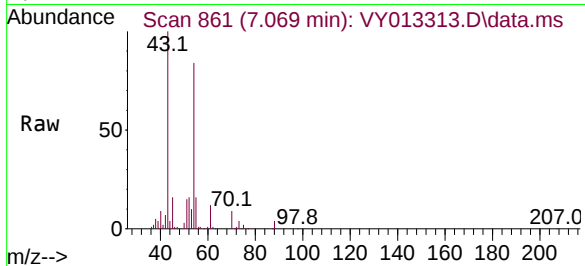
Tgt Ion: 75 Resp: 86798
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.3
77 30.1 25.0 37.4





#37
Ethyl Acetate
Concen: 18.655 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

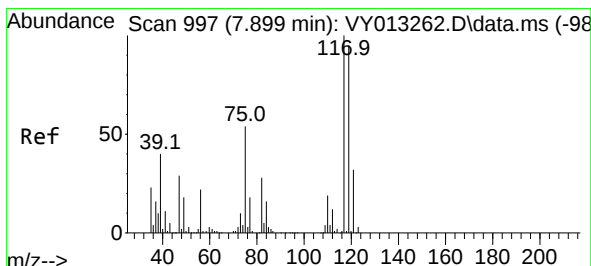
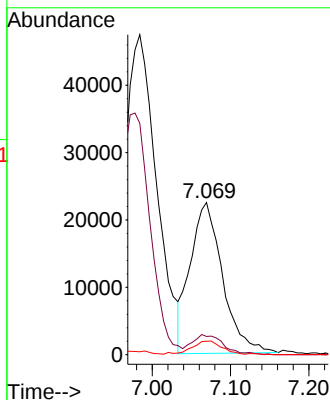
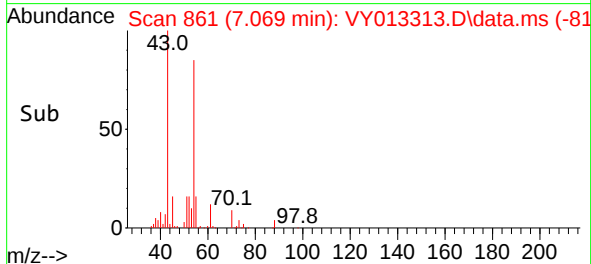
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01



Tgt Ion: 43 Resp: 64502
Ion Ratio Lower Upper
43 100
61 12.8 10.7 16.1
70 8.1 7.8 11.8

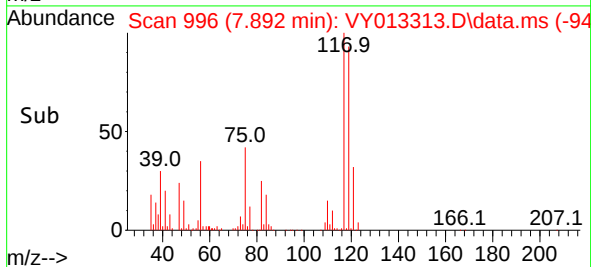
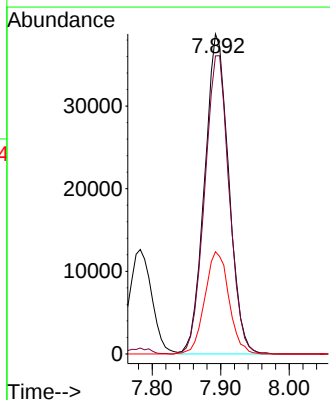
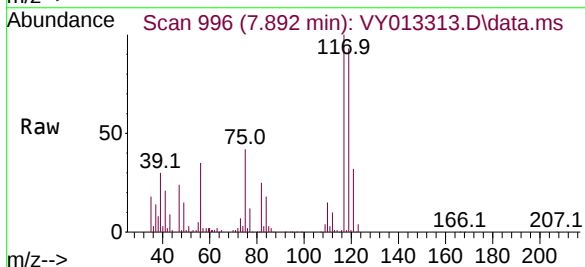
Manual Integrations
APPROVED

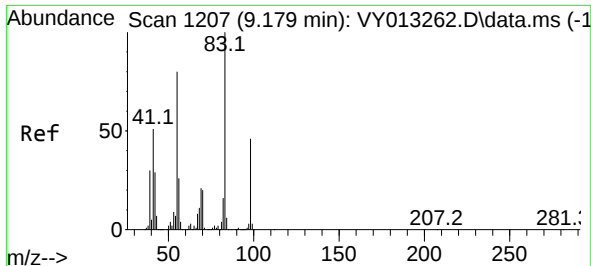
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#38
Carbon Tetrachloride
Concen: 20.008 ug/l
RT: 7.892 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

Tgt Ion:117 Resp: 94897
Ion Ratio Lower Upper
117 100
119 93.1 77.2 115.8
121 31.9 24.7 37.1





#39

Methylcyclohexane

Concen: 20.289 ug/l

RT: 9.179 min Scan# 10117

Delta R.T. -0.000 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBSD01

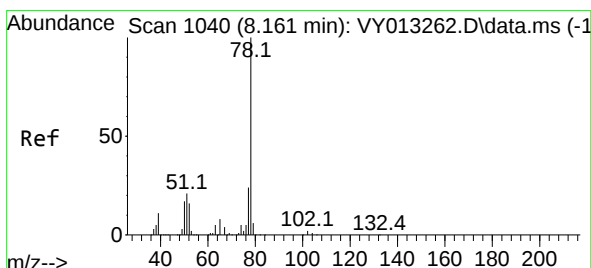
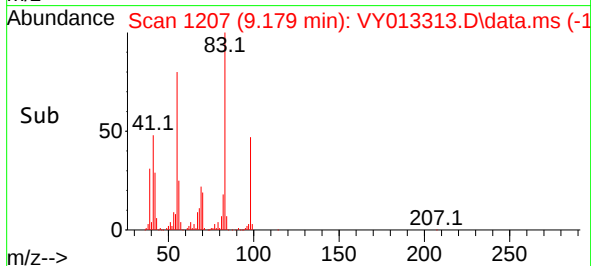
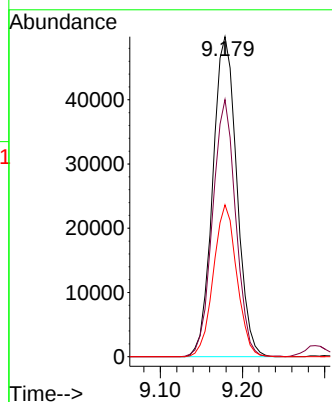
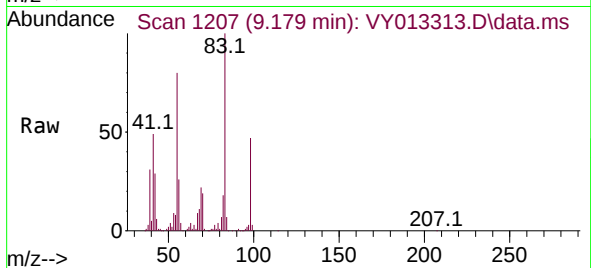
Tgt Ion:	83	Resp:	10117
Ion Ratio	Lower	Upper	
83	100		
55	80.4	60.0	90.0
98	47.4	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#40

Benzene

Concen: 19.722 ug/l

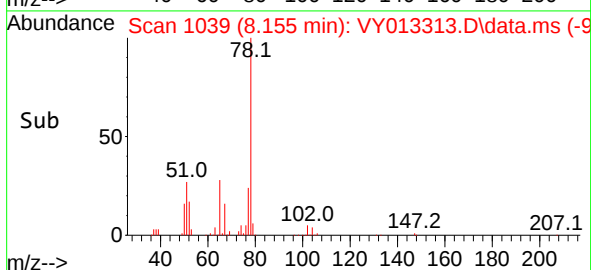
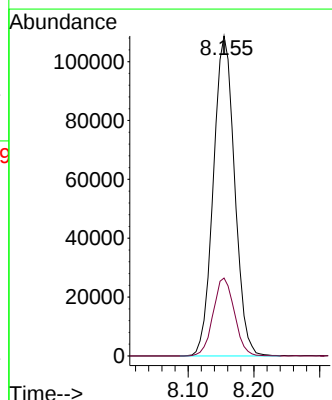
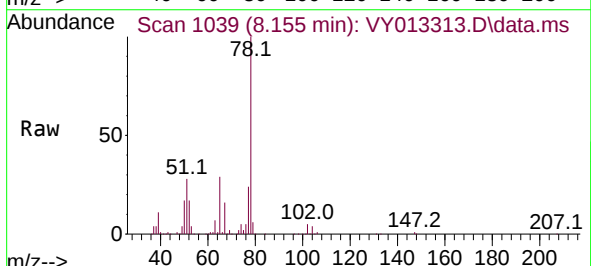
RT: 8.155 min Scan# 1039

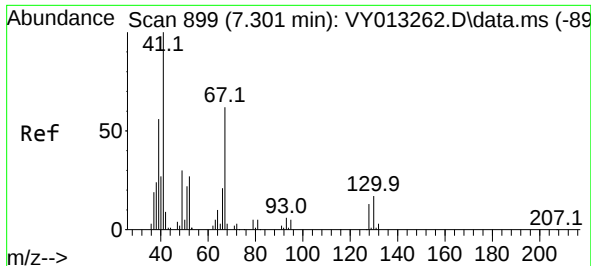
Delta R.T. -0.006 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

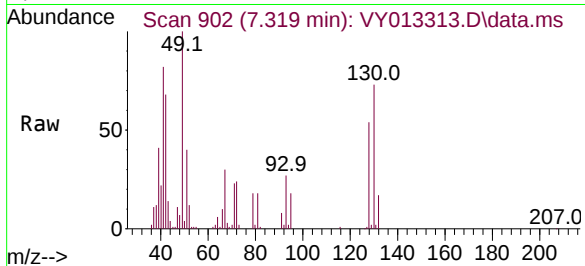
Tgt Ion:	78	Resp:	244837
Ion Ratio	Lower	Upper	
78	100		
77	24.4	19.4	29.0





#41
Methacrylonitrile
Concen: 22.306 ug/l m
RT: 7.319 min Scan# 90
Delta R.T. 0.018 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

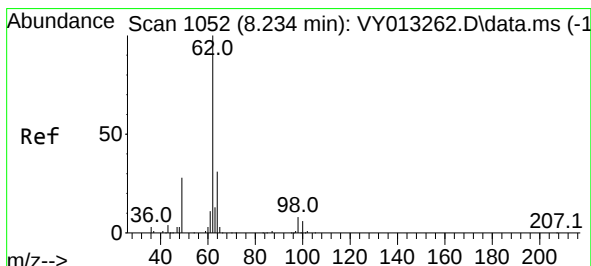
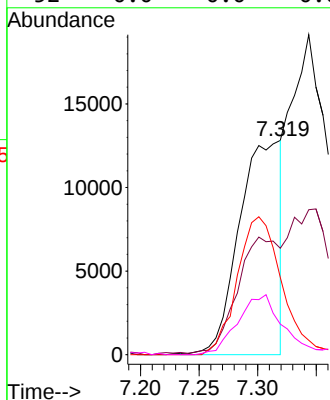
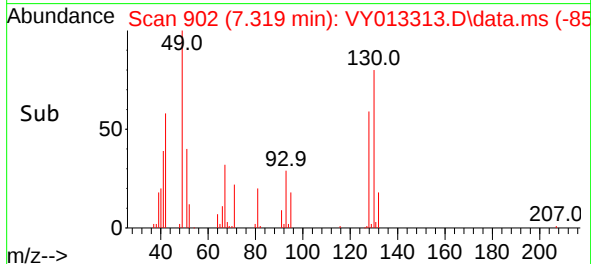
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



Tgt Ion:	41	Resp:	31998
Ion Ratio	Lower	Upper	
41	100		
39	65.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

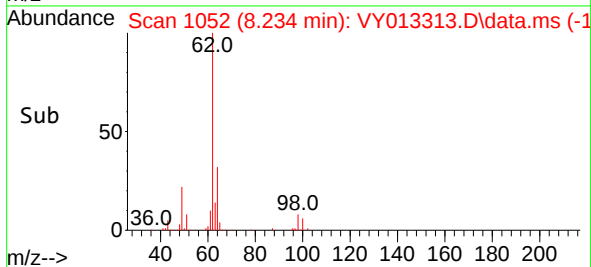
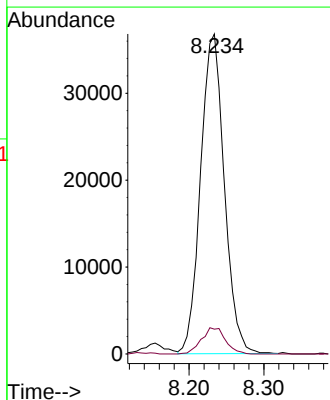
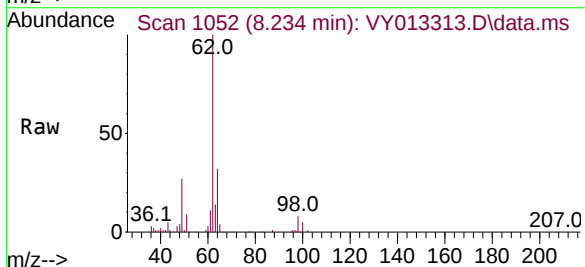
Manual Integrations
APPROVED

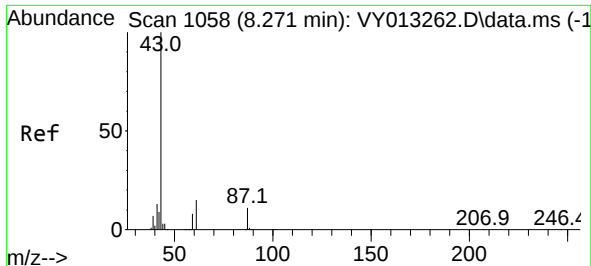
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#42
1,2-Dichloroethane
Concen: 19.273 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

Tgt Ion:	62	Resp:	81125
Ion Ratio	Lower	Upper	
62	100		
98	8.3	0.0	18.8





#43

Isopropyl Acetate

Concen: 18.519 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBSD01

Tgt Ion: 43 Resp: 10635

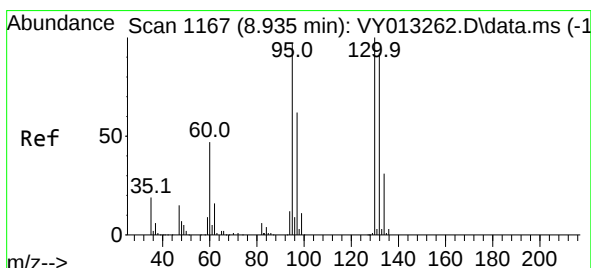
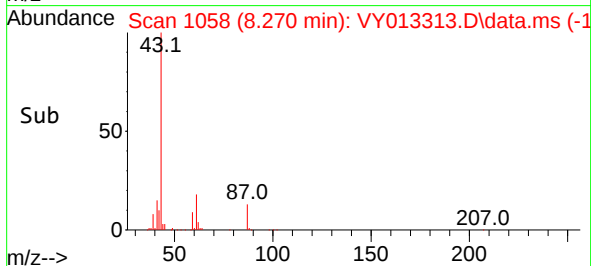
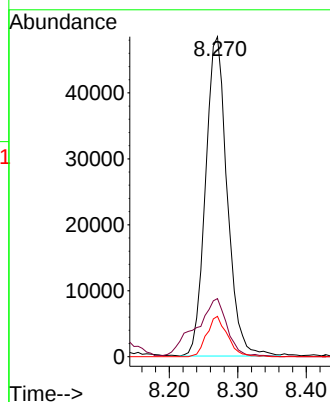
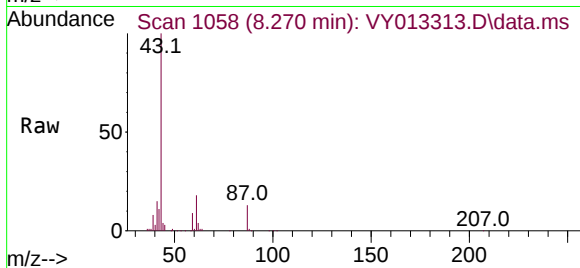
Ion	Ratio	Lower	Upper
43	100		
61	26.5	21.6	32.4
87	12.2	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#44

Trichloroethene

Concen: 20.538 ug/l

RT: 8.935 min Scan# 1167

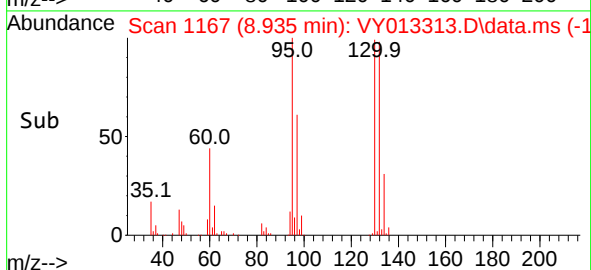
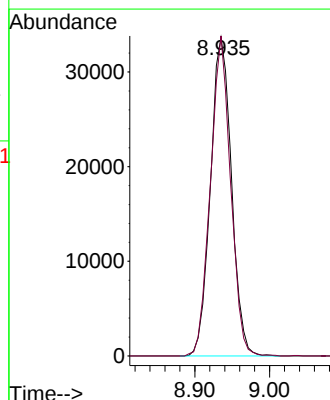
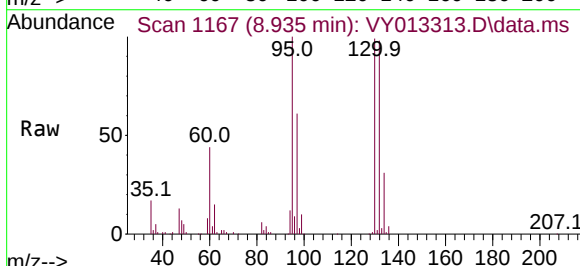
Delta R.T. -0.000 min

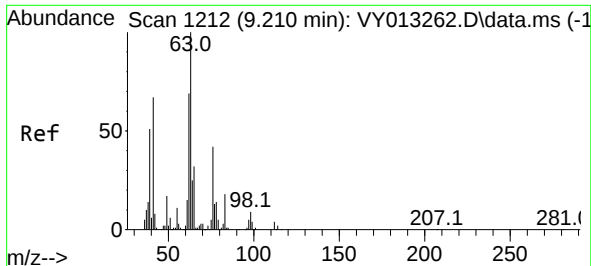
Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

Tgt Ion:130 Resp: 65681

Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	185.0





#45

1,2-Dichloropropane

Concen: 19.900 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY013313.D

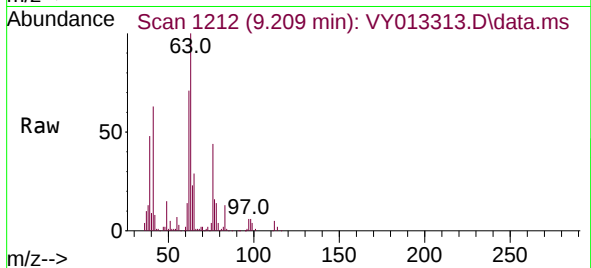
Acq: 14 Apr 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01



Tgt Ion: 63 Resp: 64124

Ion Ratio Lower Upper

63 100

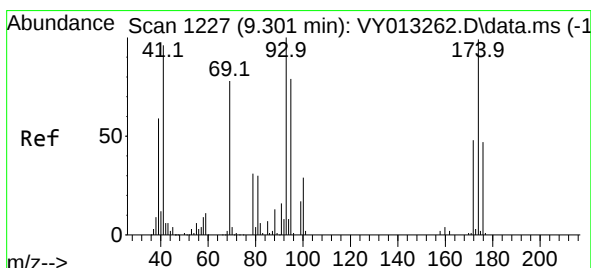
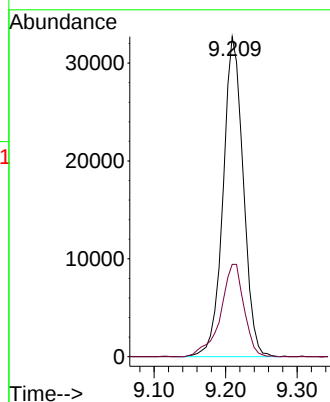
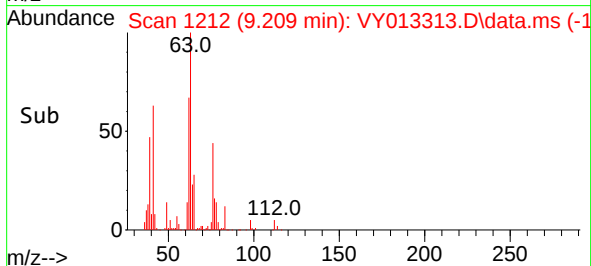
65 28.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#46

Dibromomethane

Concen: 20.058 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

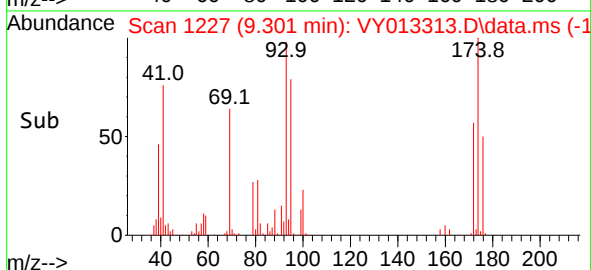
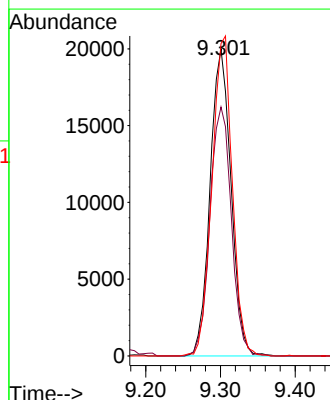
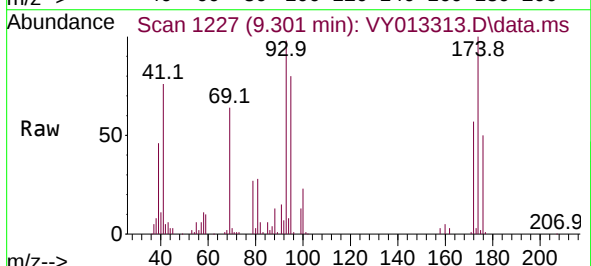
Tgt Ion: 93 Resp: 38898

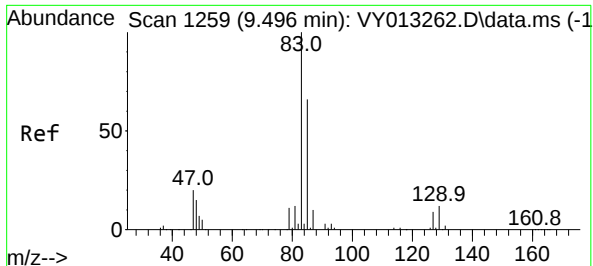
Ion Ratio Lower Upper

93 100

95 83.0 65.6 98.4

174 101.6 81.3 121.9





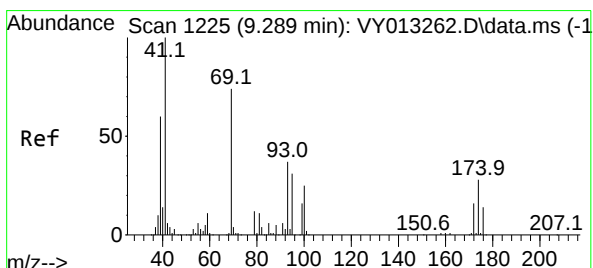
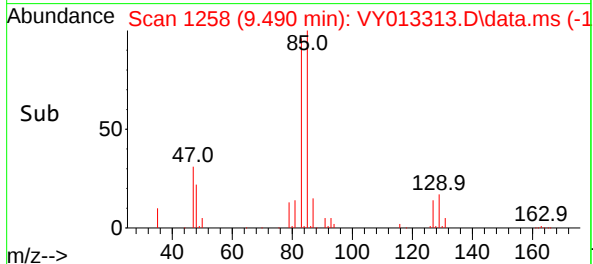
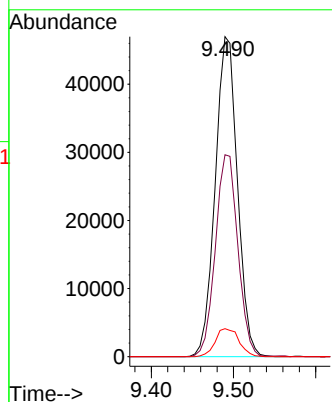
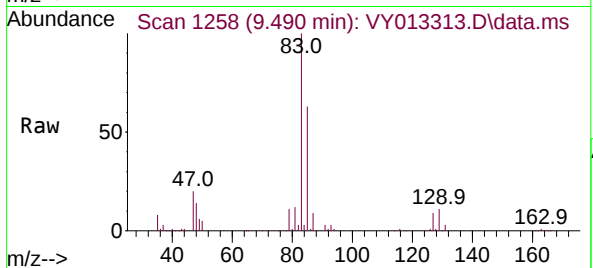
#47
Bromodichloromethane
Concen: 19.886 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

Tgt Ion: 83 Resp: 8816
Ion Ratio Lower Upper
83 100
85 63.1 50.2 75.4
127 8.7 6.3 9.5

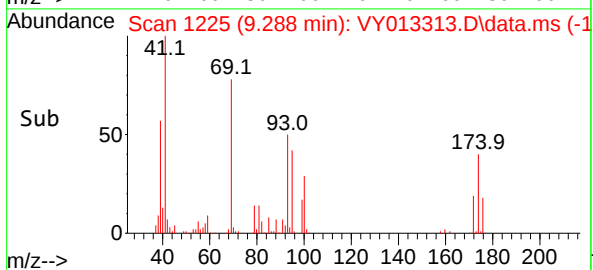
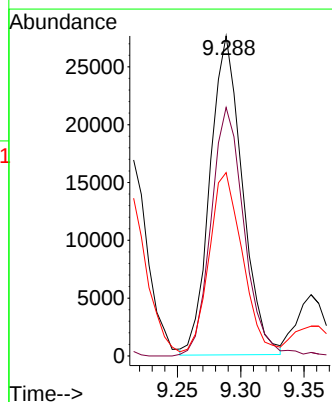
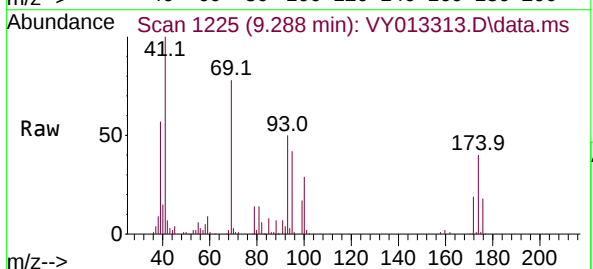
Manual Integrations
APPROVED

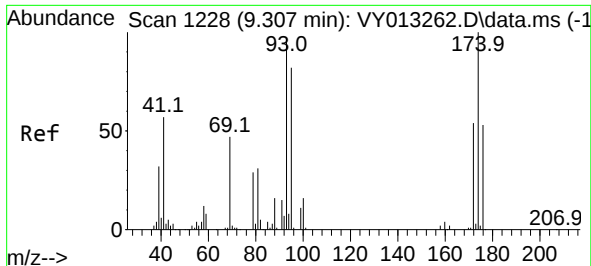
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#48
Methyl methacrylate
Concen: 18.632 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

Tgt Ion: 41 Resp: 49152
Ion Ratio Lower Upper
41 100
69 80.2 64.1 96.1
39 57.2 44.0 66.0





#49

1,4-Dioxane

Concen: 402.279 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013313.D

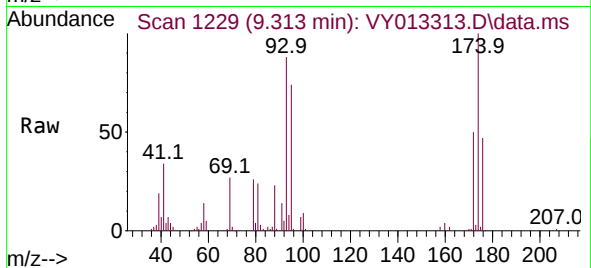
Acq: 14 Apr 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBSD01



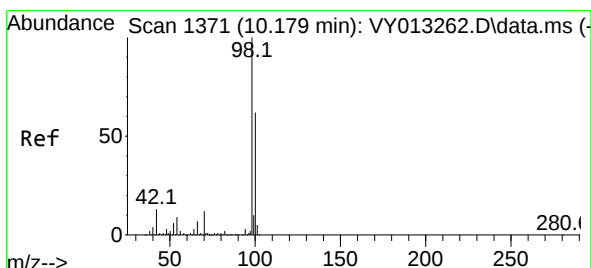
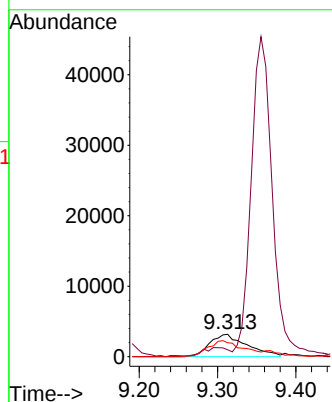
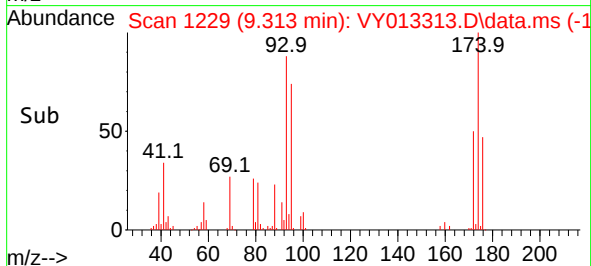
Tgt Ion:	88	Resp:	10570
Ion Ratio	Lower	Upper	
88	100		
43	25.2	28.6	42.8
58	67.0	55.2	82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#50

Toluene-d8

Concen: 49.013 ug/l

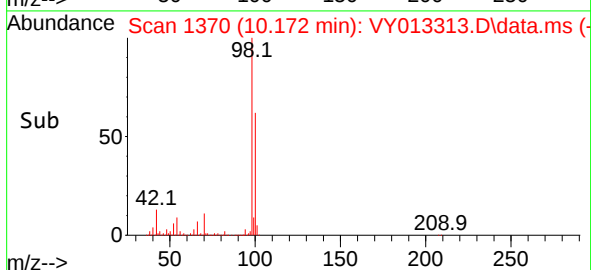
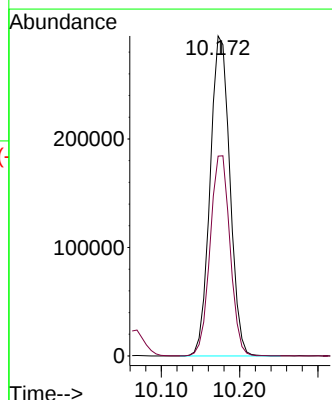
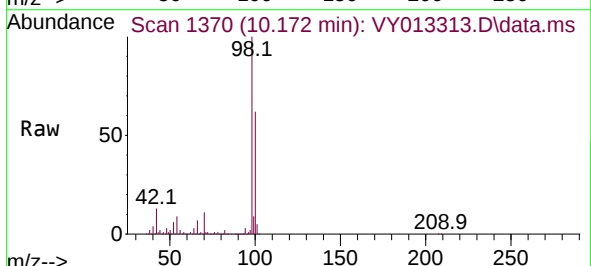
RT: 10.172 min Scan# 1370

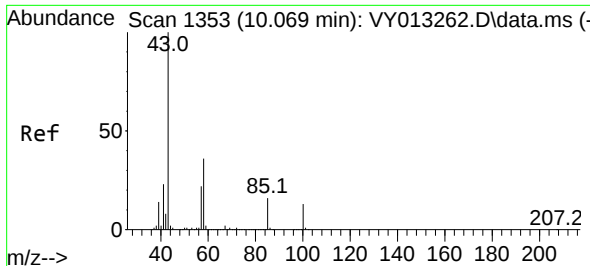
Delta R.T. -0.006 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

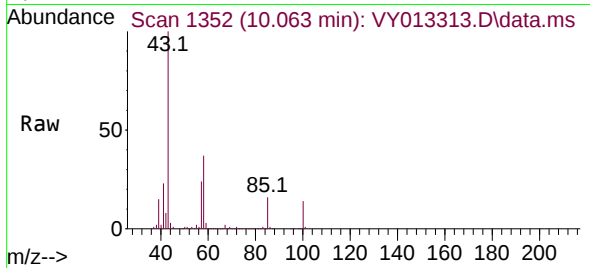
Tgt Ion:	98	Resp:	516552
Ion Ratio	Lower	Upper	
98	100		
100	63.0	50.9	76.3





#51
4-Methyl-2-Pentanone
Concen: 95.482 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

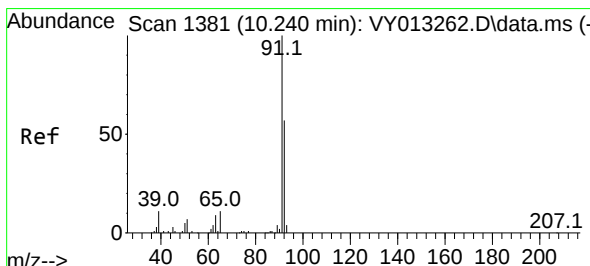
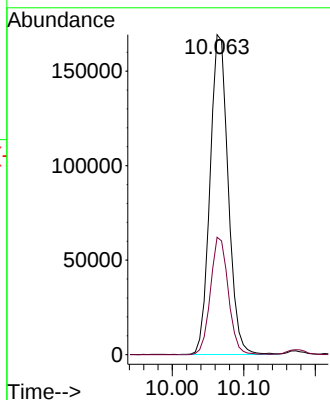
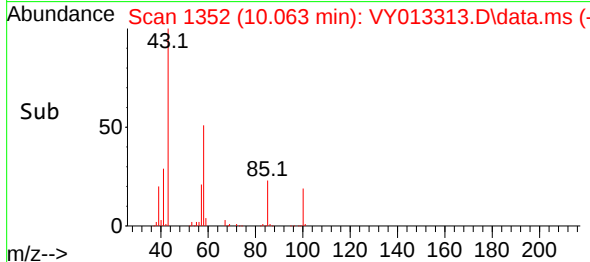
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01



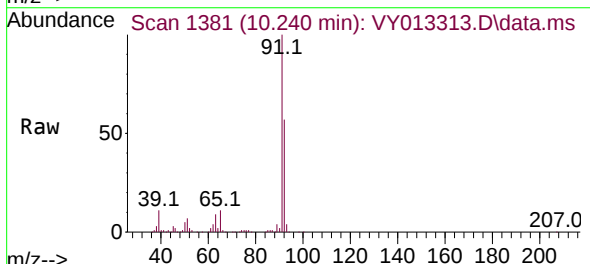
Tgt Ion: 43 Resp: 29843
Ion Ratio Lower Upper
43 100
58 36.1 29.8 44.6

Manual Integrations
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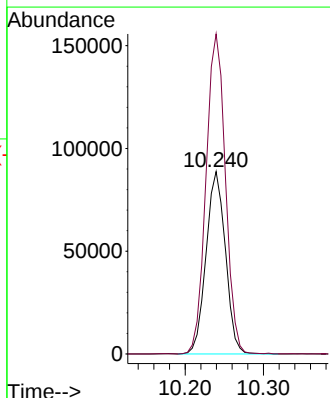
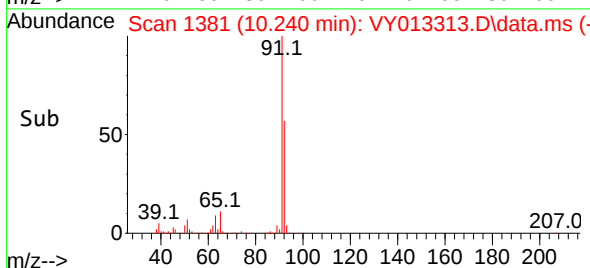
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

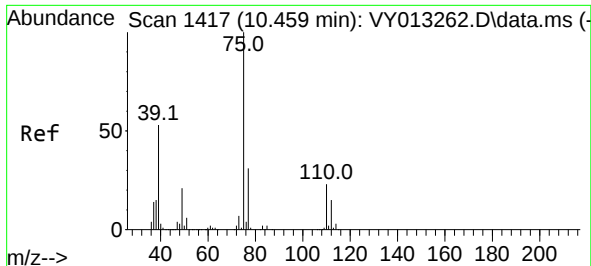


#52
Toluene
Concen: 20.303 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00



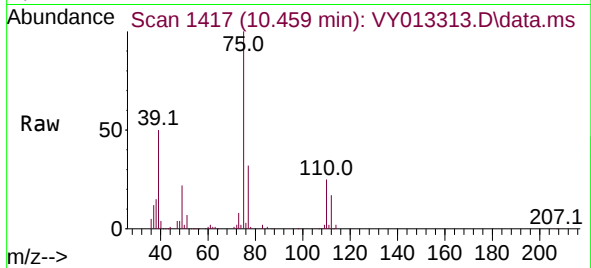
Tgt Ion: 92 Resp: 152199
Ion Ratio Lower Upper
92 100
91 175.7 141.3 211.9





#53
t-1,3-Dichloropropene
Concen: 19.281 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

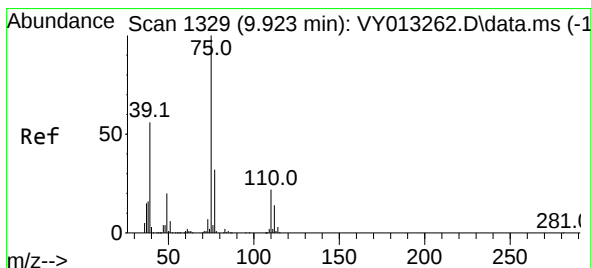
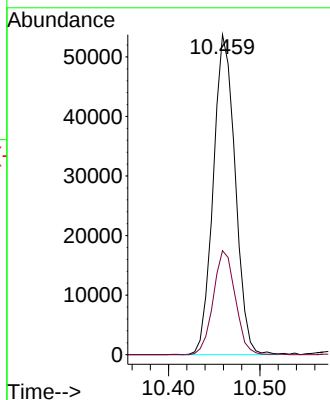
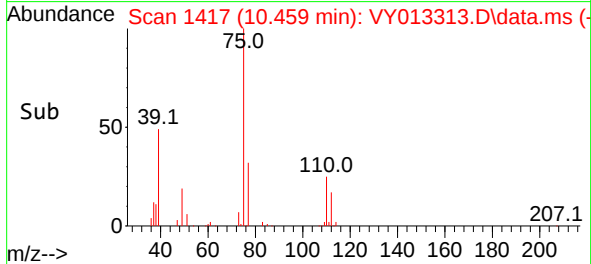
Instrument : MSVOA_Y
ClientSampleId : VY0414SBSD01



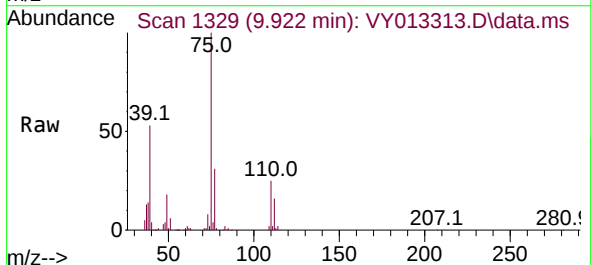
Tgt Ion: 75 Resp: 89518
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2

Manual Integrations
APPROVED

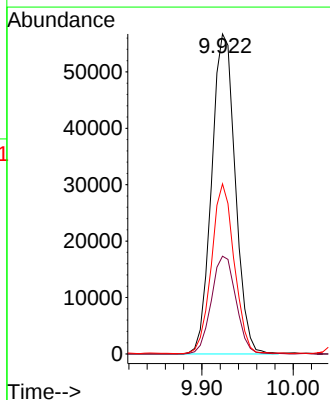
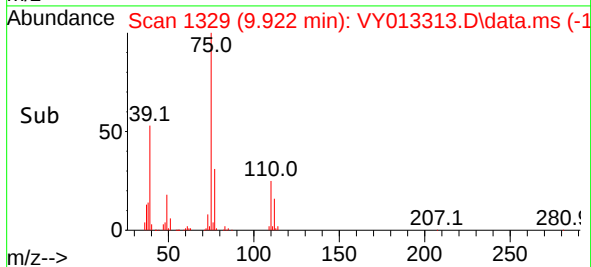
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

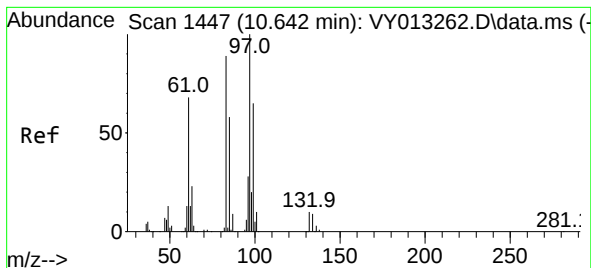


#54
cis-1,3-Dichloropropene
Concen: 20.035 ug/l
RT: 9.922 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00



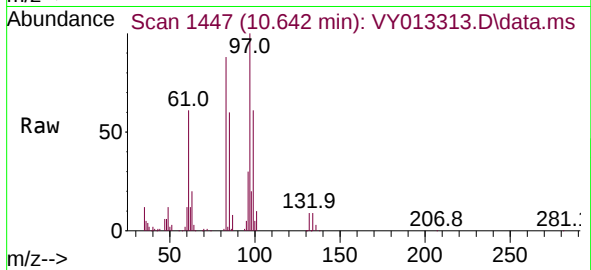
Tgt Ion: 75 Resp: 101994
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 53.0 39.0 58.4





#55
1,1,2-Trichloroethane
Concen: 20.474 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

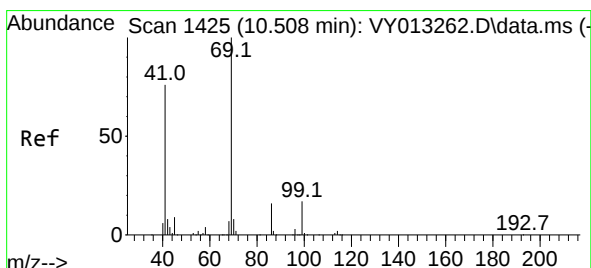
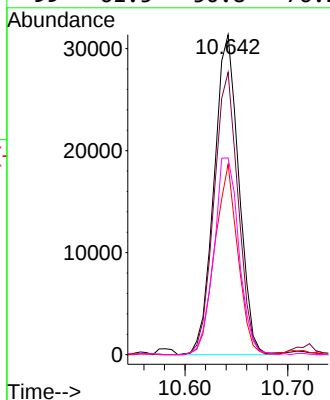
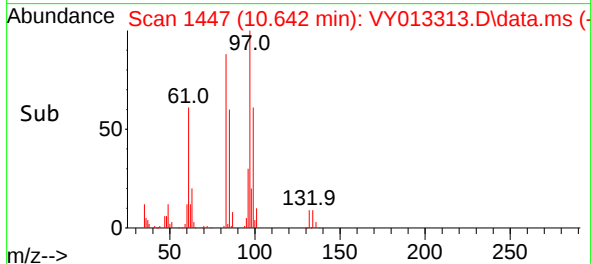


Tgt Ion: 97 Resp: 52354

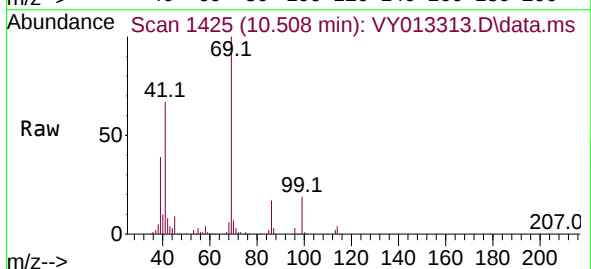
Ion	Ratio	Lower	Upper
97	100		
83	88.2	69.0	103.6
85	59.5	44.9	67.3
99	61.5	50.8	76.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

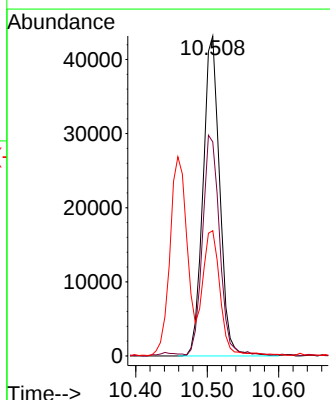
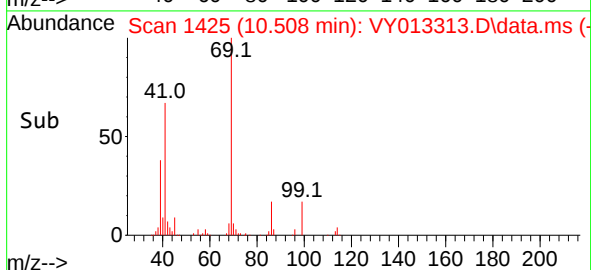


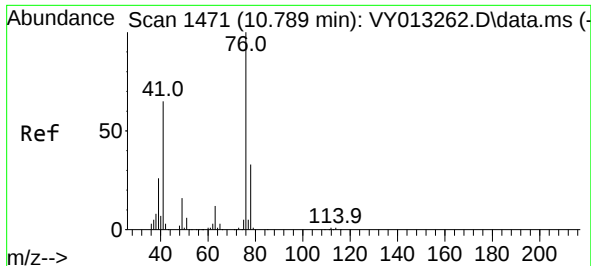
#56
Ethyl methacrylate
Concen: 19.987 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00



Tgt Ion: 69 Resp: 69976

Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.4	84.6
39	38.5	30.8	46.2





#57

1,3-Dichloropropane

Concen: 19.762 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBSD01

Tgt Ion: 76 Resp: 8594

Ion Ratio Lower Upper

76 100

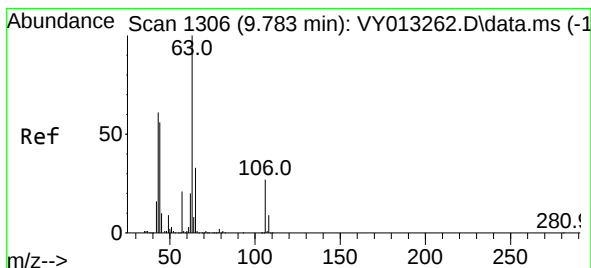
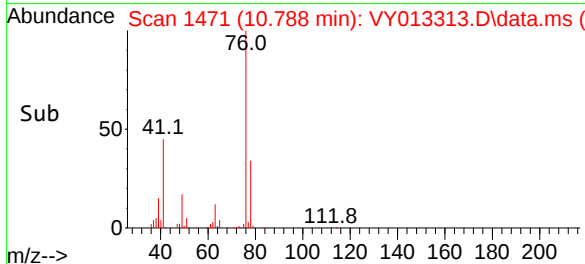
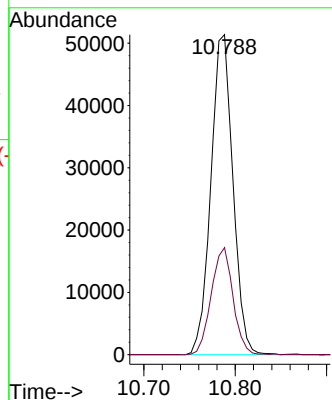
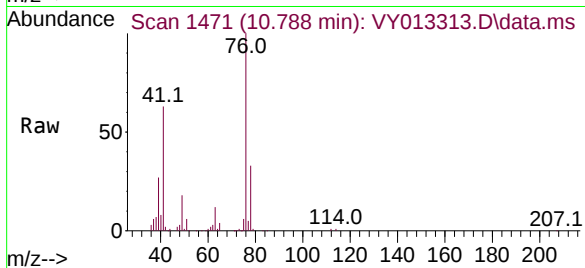
78 33.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 105.214 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY013313.D

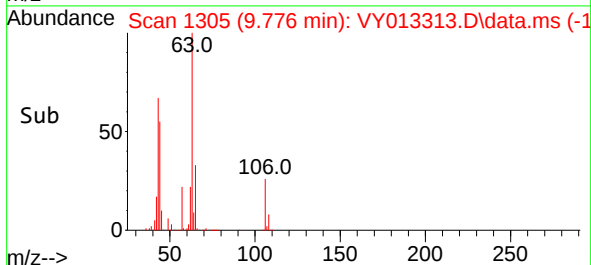
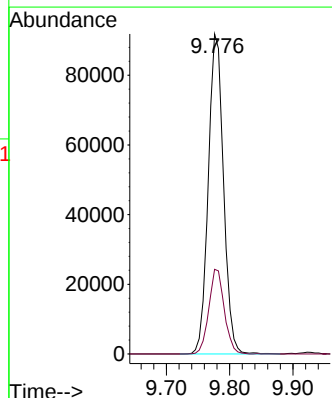
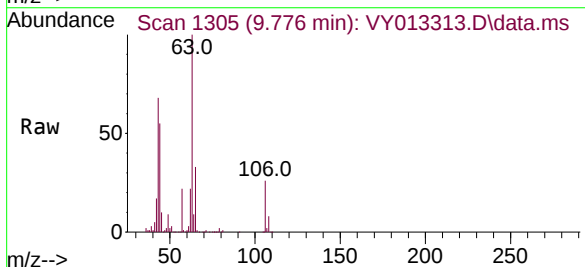
Acq: 14 Apr 2023 13:00

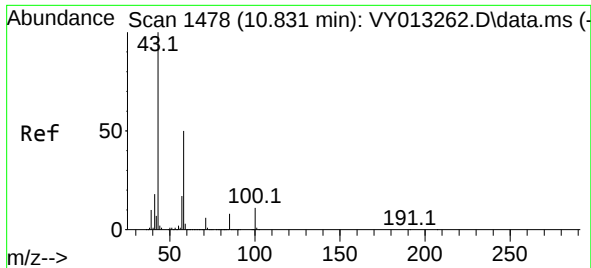
Tgt Ion: 63 Resp: 153812

Ion Ratio Lower Upper

63 100

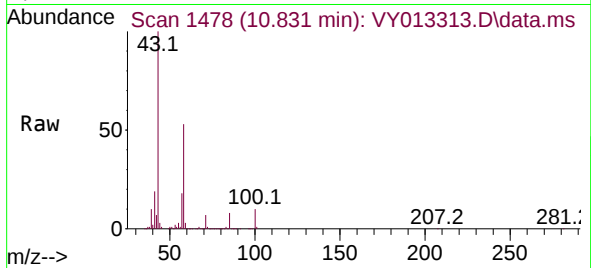
106 26.8 22.1 33.1





#59
2-Hexanone
Concen: 94.691 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

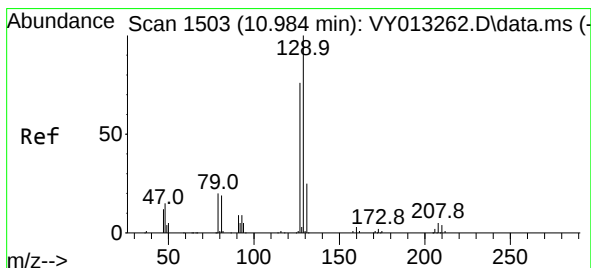
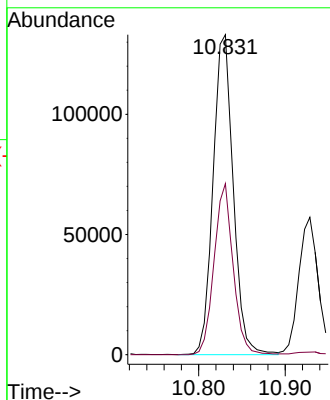
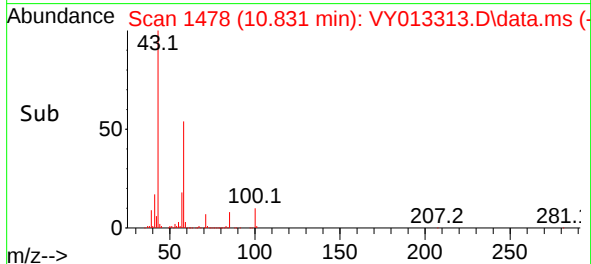
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01



Tgt Ion: 43 Resp: 215198
Ion Ratio Lower Upper
43 100
58 50.6 25.9 77.8

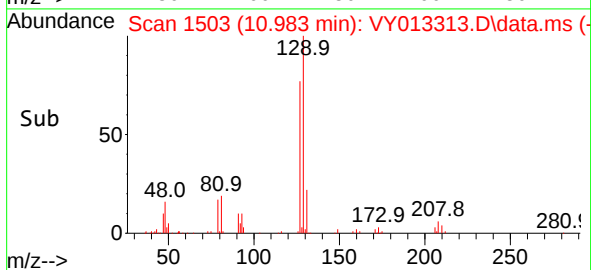
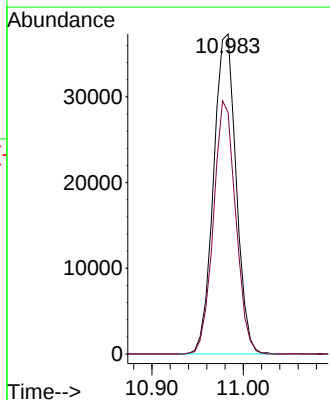
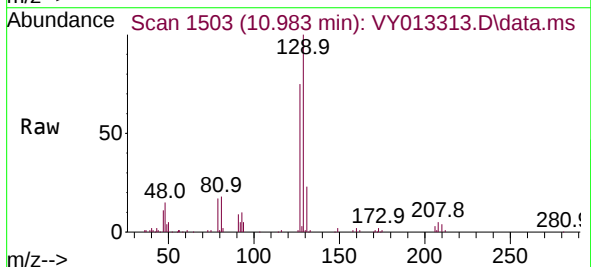
Manual Integrations
APPROVED

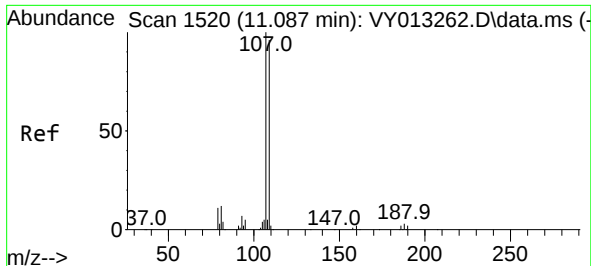
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#60
Dibromochloromethane
Concen: 20.010 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

Tgt Ion:129 Resp: 64157
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1





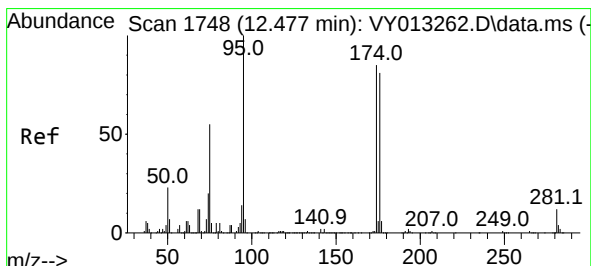
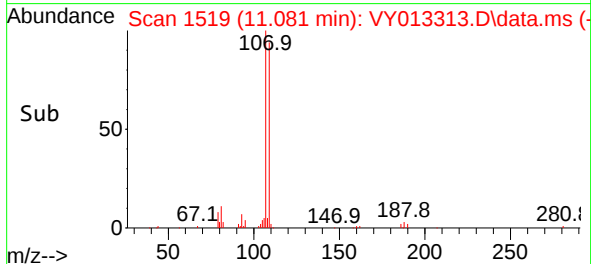
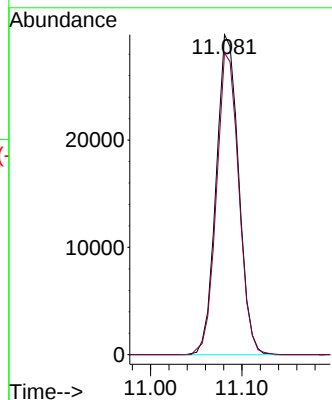
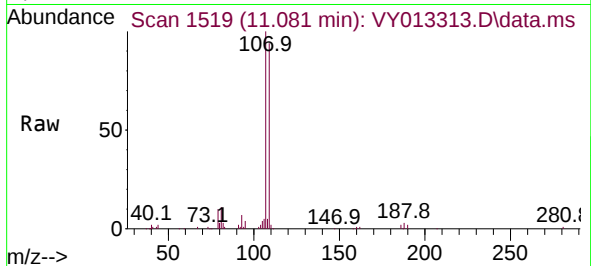
#61
1,2-Dibromoethane
Concen: 20.441 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tgt Ion:107 Resp: 50897
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.6

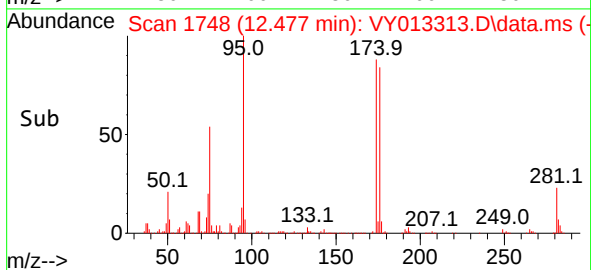
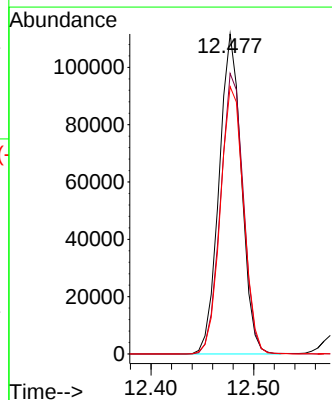
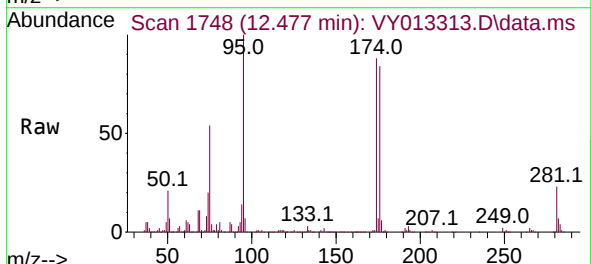
Manual Integrations
APPROVED

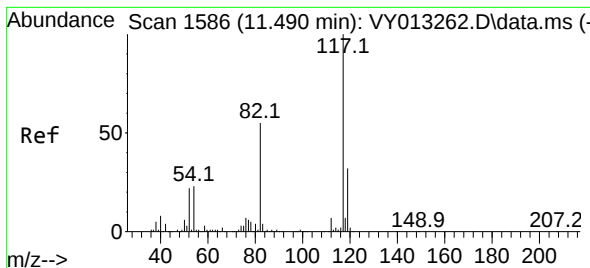
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#62
4-Bromofluorobenzene
Concen: 49.243 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

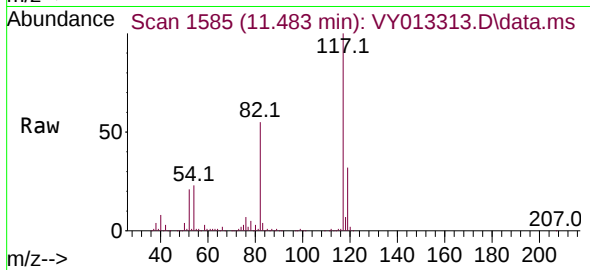
Tgt Ion: 95 Resp: 168623
Ion Ratio Lower Upper
95 100
174 89.5 0.0 176.6
176 86.6 0.0 170.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

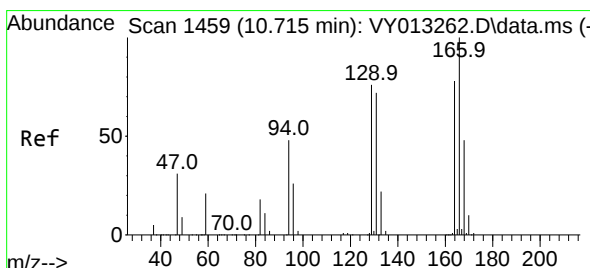
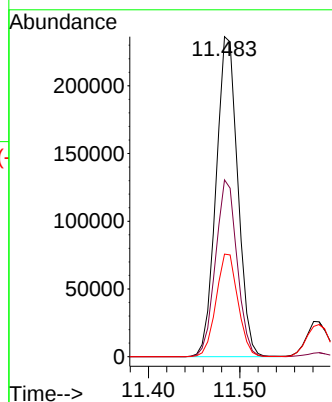
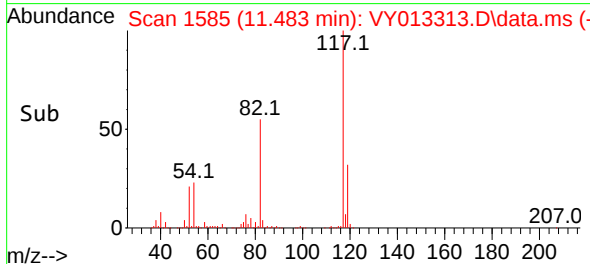
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



Tgt Ion:117 Resp: 38955
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 32.0 25.6 38.4

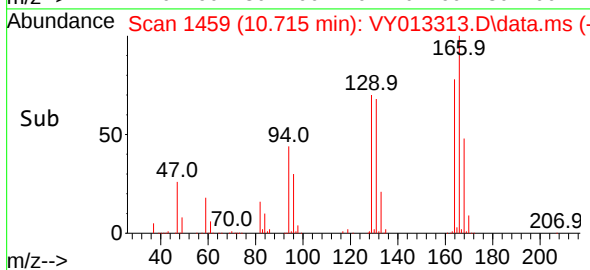
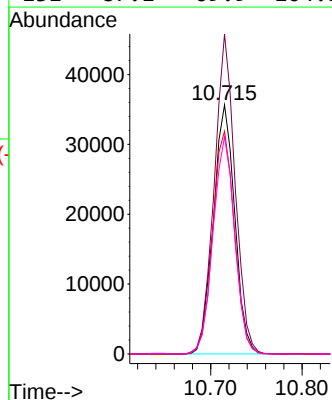
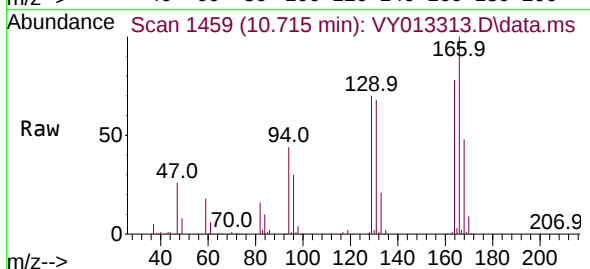
Manual Integrations
APPROVED

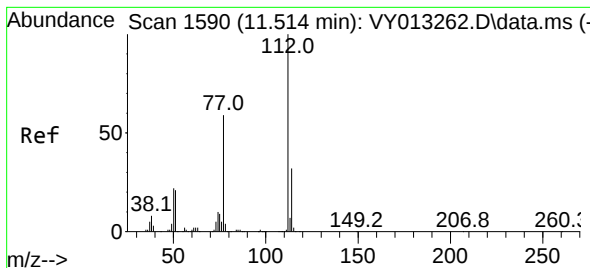
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#64
Tetrachloroethene
Concen: 21.135 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

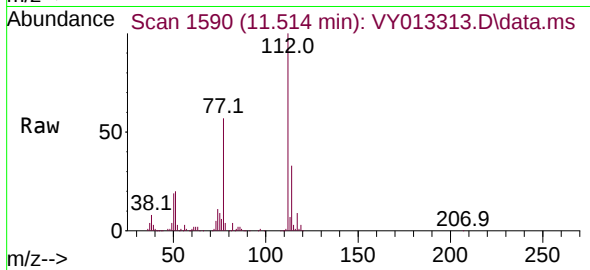
Tgt Ion:164 Resp: 58083
Ion Ratio Lower Upper
164 100
166 128.5 103.4 155.2
129 89.4 71.4 107.2
131 87.1 69.9 104.9





#65
Chlorobenzene
Concen: 19.724 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

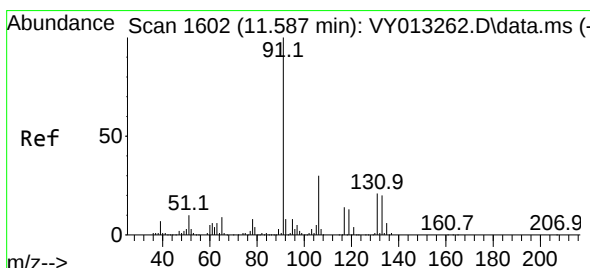
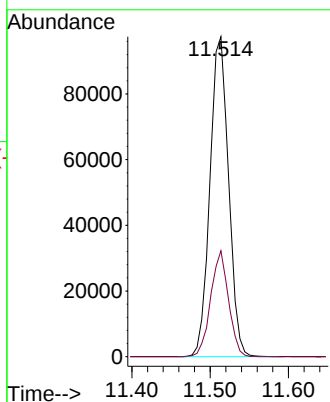
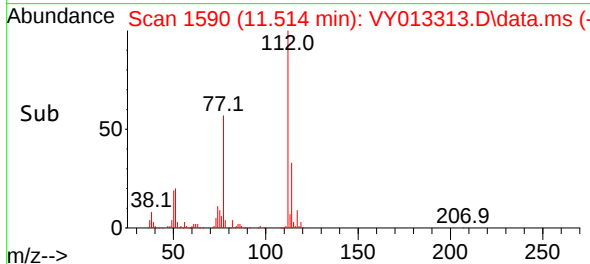
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



Tgt Ion:112 Resp: 160730
Ion Ratio Lower Upper
112 100
114 33.1 24.5 36.7

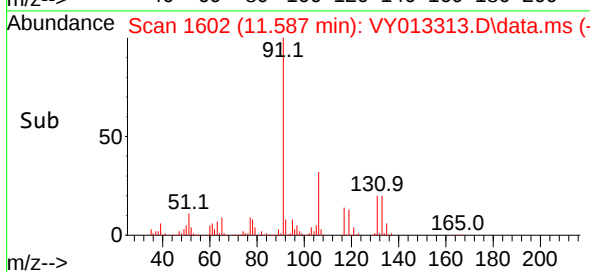
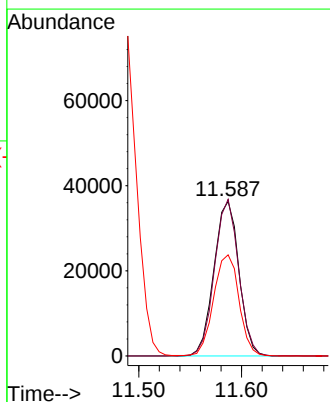
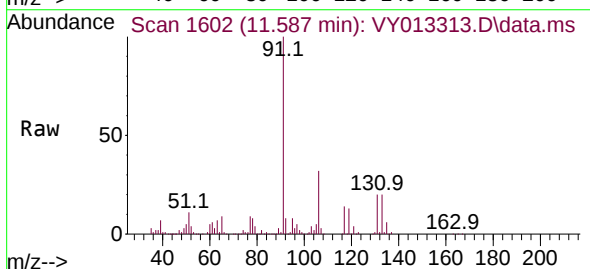
Manual Integrations
APPROVED

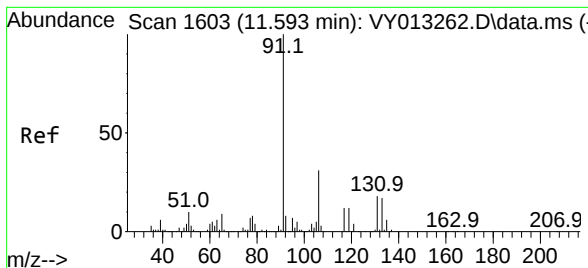
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.053 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

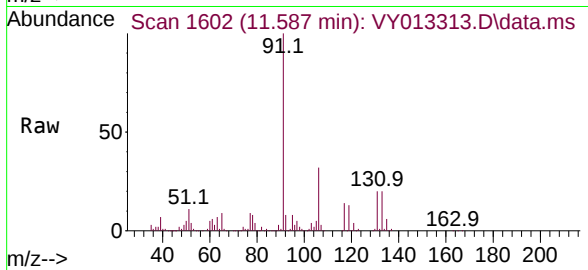
Tgt Ion:131 Resp: 61324
Ion Ratio Lower Upper
131 100
133 98.1 48.0 144.0
119 66.6 32.6 98.0





#67
Ethyl Benzene
Concen: 19.816 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

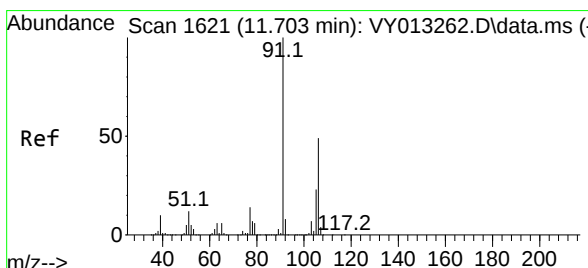
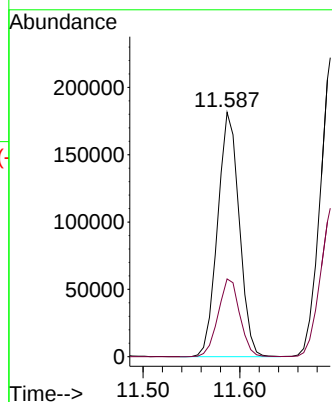
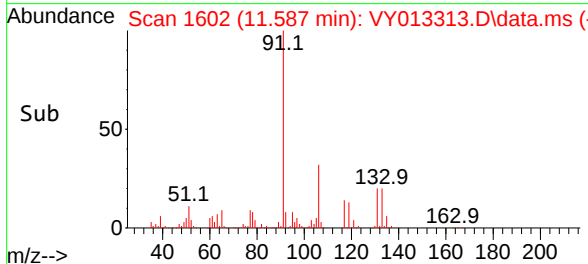
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



Tgt Ion: 91 Resp: 281240
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7

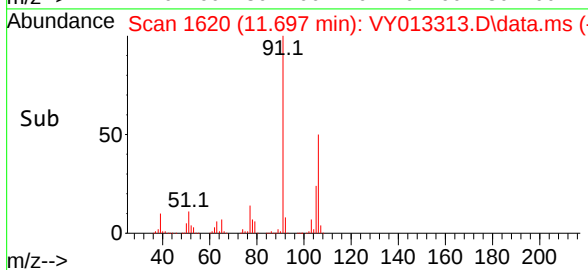
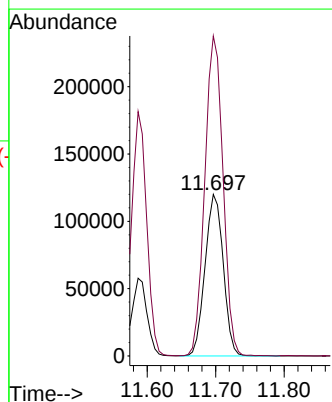
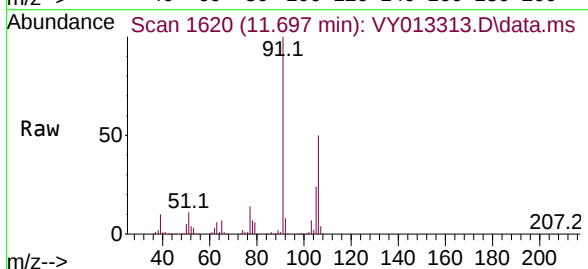
Manual Integrations
APPROVED

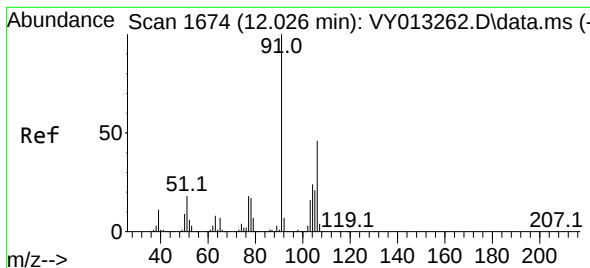
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#68
m/p-Xylenes
Concen: 40.843 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

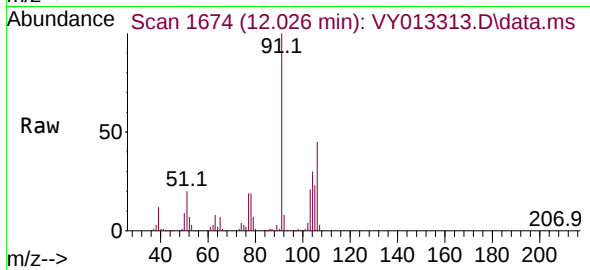
Tgt Ion:106 Resp: 221794
Ion Ratio Lower Upper
106 100
91 198.6 159.8 239.8





#69
o-Xylene
Concen: 20.231 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

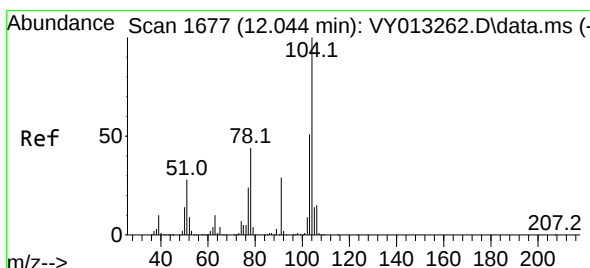
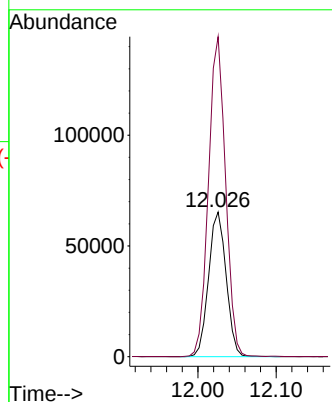
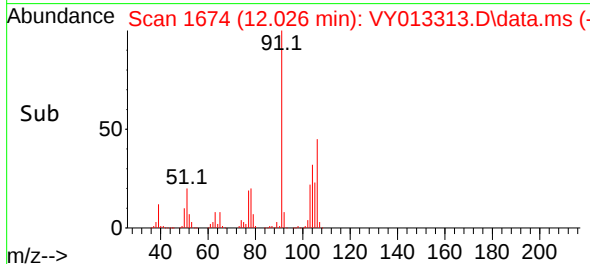
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



Tgt Ion:106 Resp: 101740
Ion Ratio Lower Upper
106 100
91 215.3 107.2 321.6

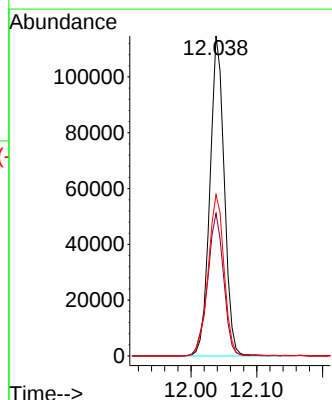
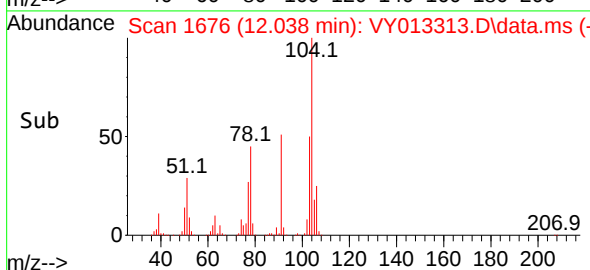
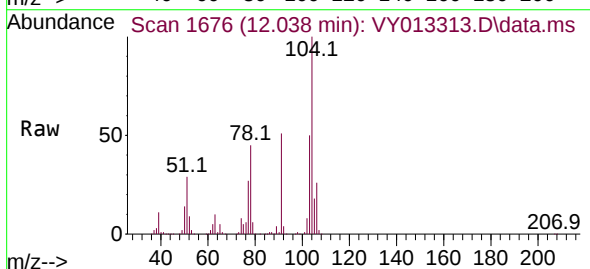
Manual Integrations
APPROVED

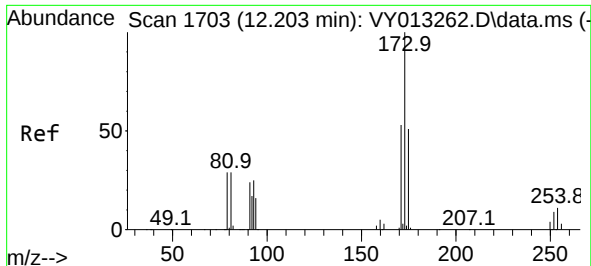
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#70
Styrene
Concen: 20.591 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

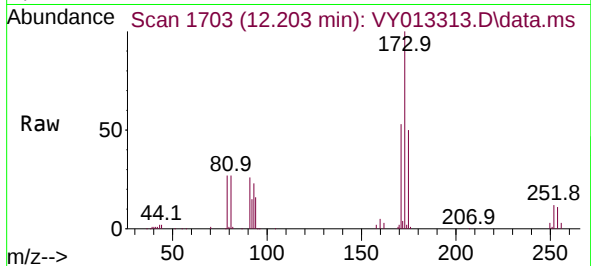
Tgt Ion:104 Resp: 174908
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 55.6 43.7 65.5





#71
Bromoform
Concen: 20.118 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

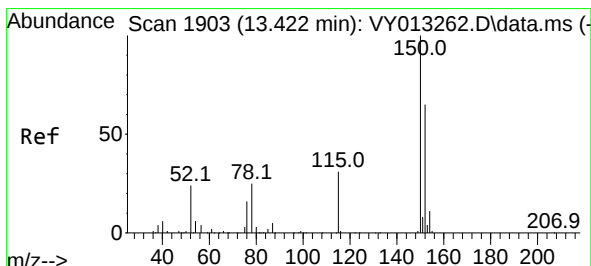
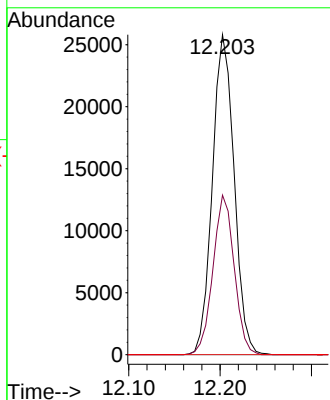
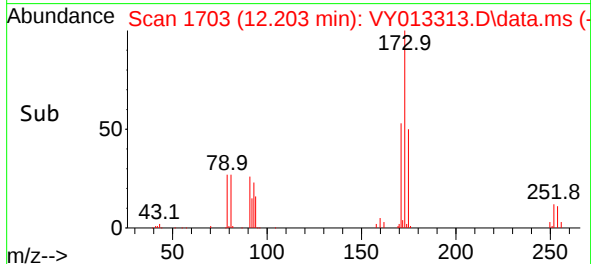
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



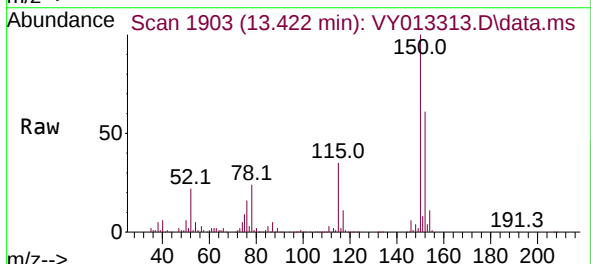
Tgt Ion:173 Resp: 4262
Ion Ratio Lower Upper
173 100
175 48.7 25.0 75.0
254 0.0 0.2 0.2

Manual Integrations
APPROVED

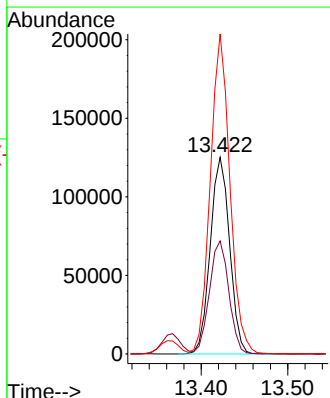
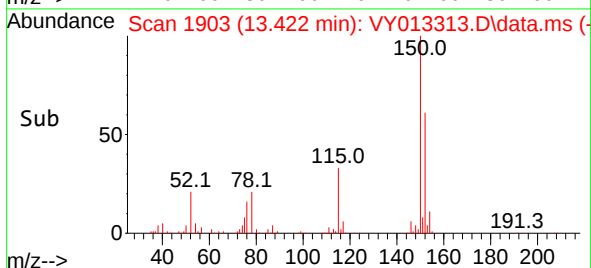
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

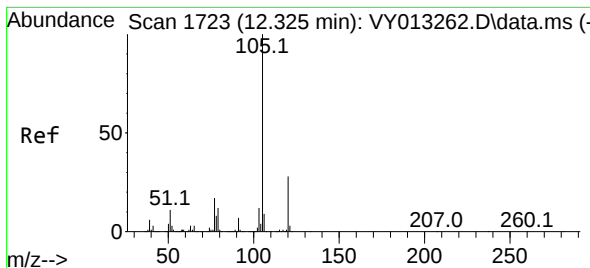


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00



Tgt Ion:152 Resp: 194524
Ion Ratio Lower Upper
152 100
115 57.3 27.1 81.3
150 164.4 0.0 347.8





#73

Isopropylbenzene

Concen: 20.096 ug/l

RT: 12.324 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tgt Ion:105 Resp: 26814

Ion Ratio Lower Upper

105 100

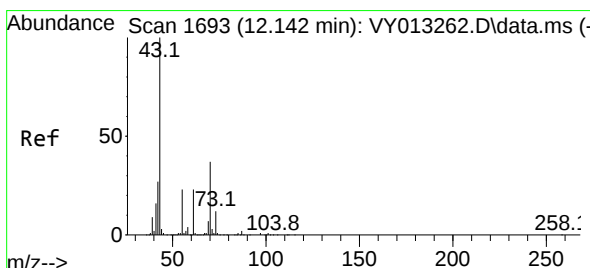
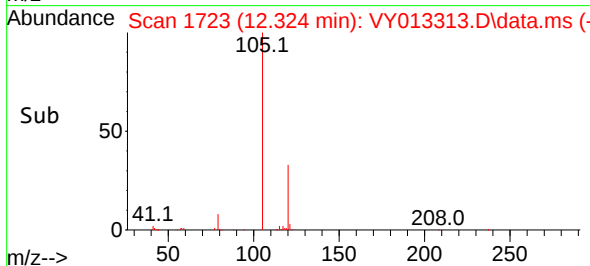
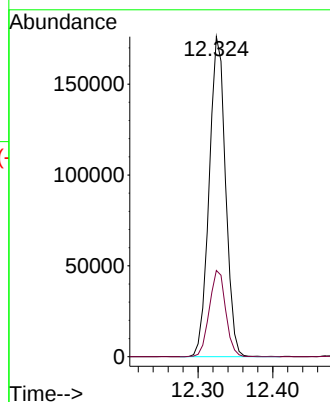
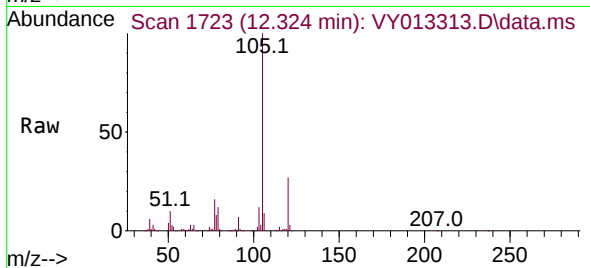
120 26.9 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#74

N-ethyl acetate

Concen: 18.941 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

Tgt Ion: 43 Resp: 90166

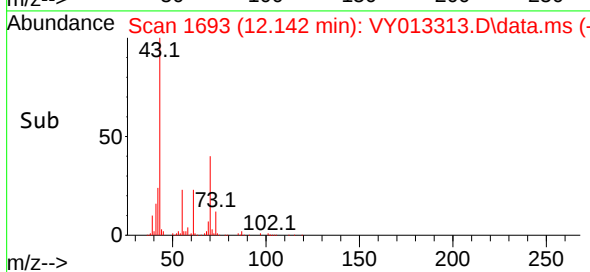
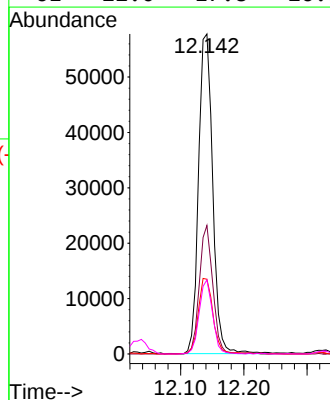
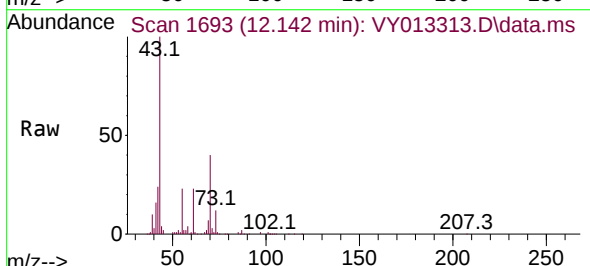
Ion Ratio Lower Upper

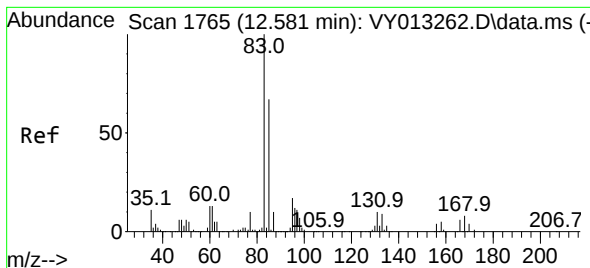
43 100

70 37.9 31.6 47.4

55 24.7 18.8 28.2

61 22.0 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.431 ug/l

RT: 12.574 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

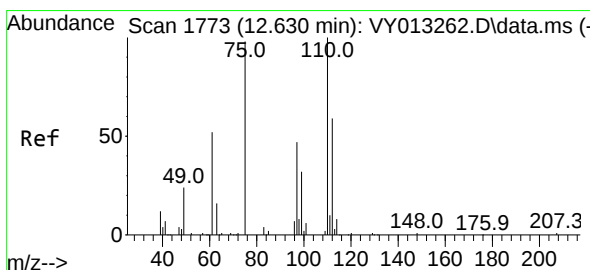
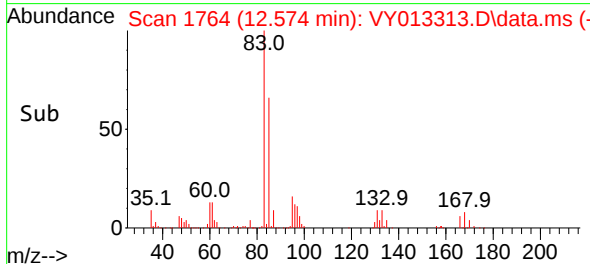
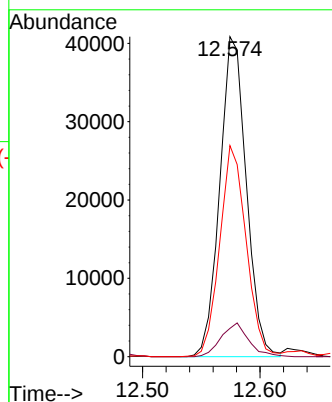
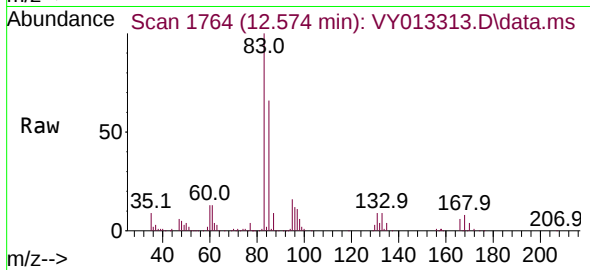
Tgt Ion: 83	Resp: 6404
Ion Ratio	Lower Upper
83 100	
131 10.9	5.1 15.2
85 65.8	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#76

1,2,3-Trichloropropane

Concen: 17.590 ug/l m

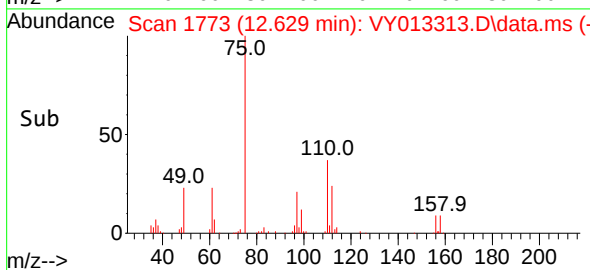
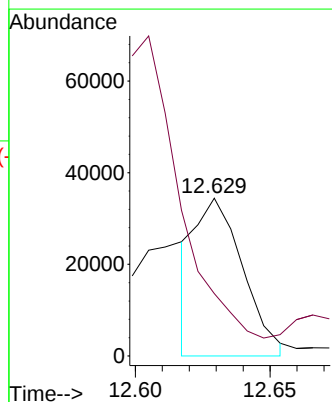
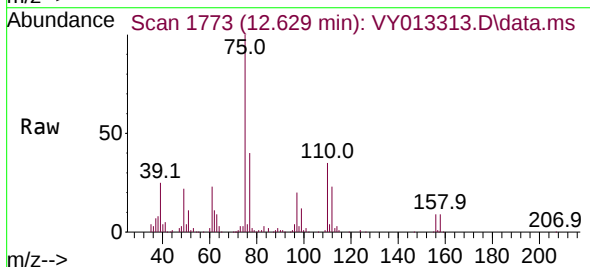
RT: 12.629 min Scan# 1773

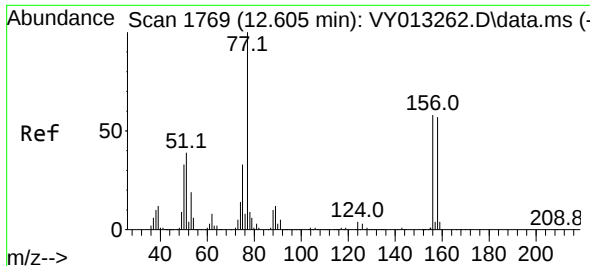
Delta R.T. -0.000 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

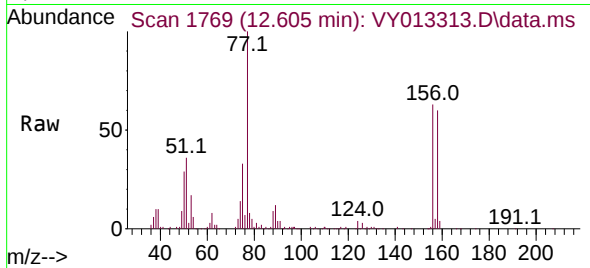
Tgt Ion: 75	Resp: 42636
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77
Bromobenzene
Concen: 20.284 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

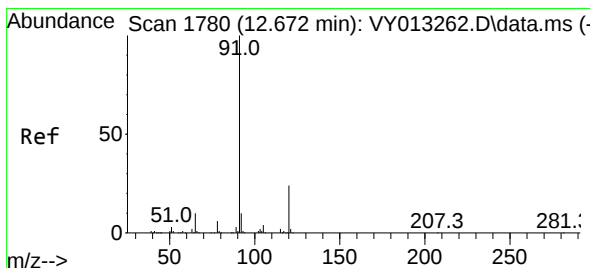
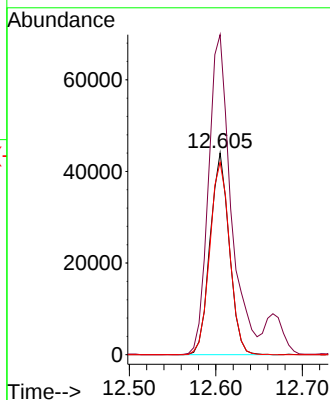
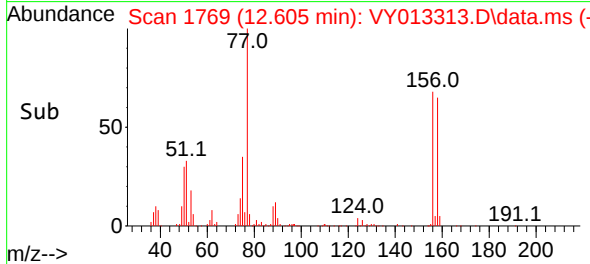
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



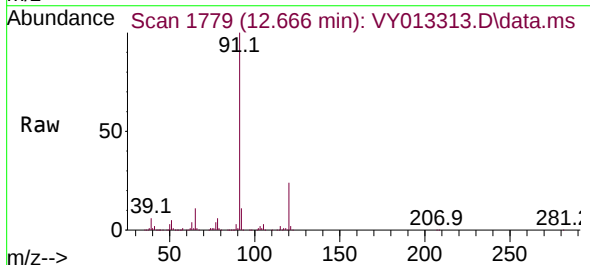
Tgt Ion:156 Resp: 6768
Ion Ratio Lower Upper
156 100
77 185.6 94.0 282.1
158 98.8 48.1 144.4

Manual Integrations
APPROVED

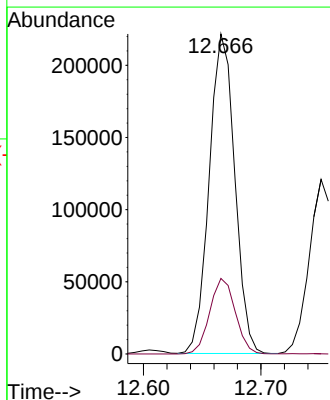
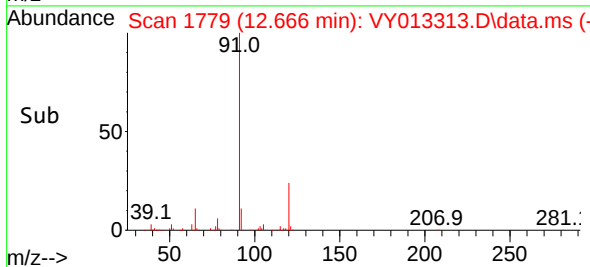
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

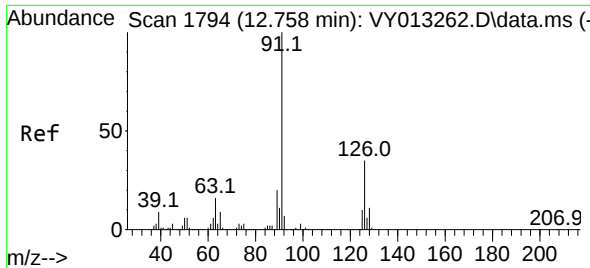


#78
n-propylbenzene
Concen: 20.305 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00



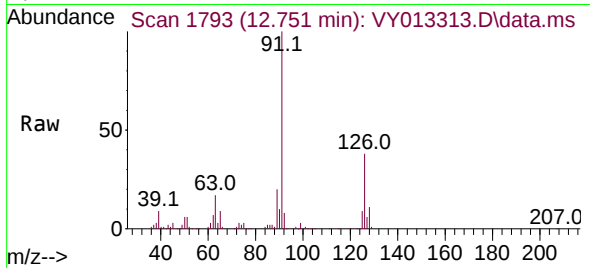
Tgt Ion: 91 Resp: 334611
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8





#79
2-Chlorotoluene
Concen: 20.217 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

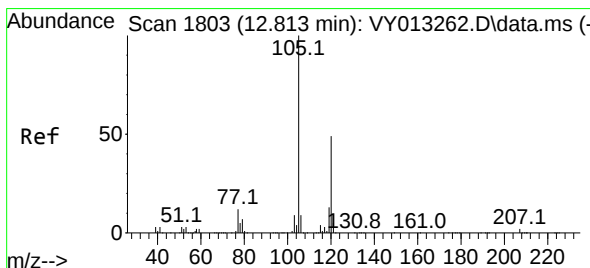
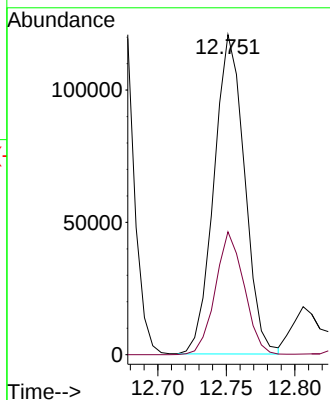
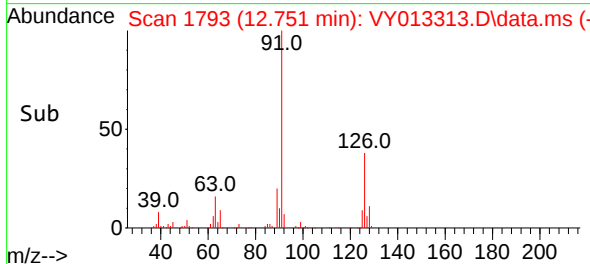
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01



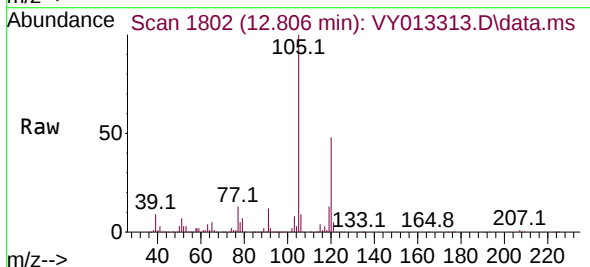
Tgt Ion: 91 Resp: 187534
Ion Ratio Lower Upper
91 100
126 36.2 17.4 52.2

Manual Integrations
APPROVED

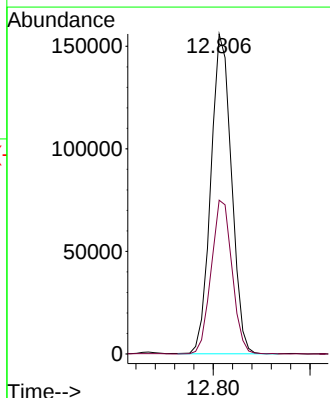
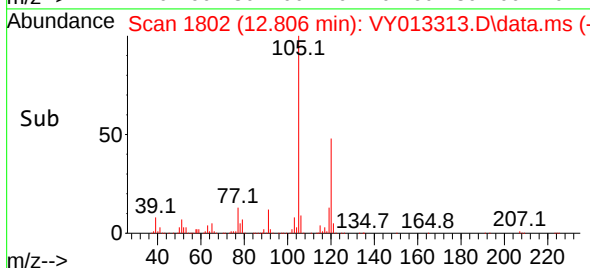
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

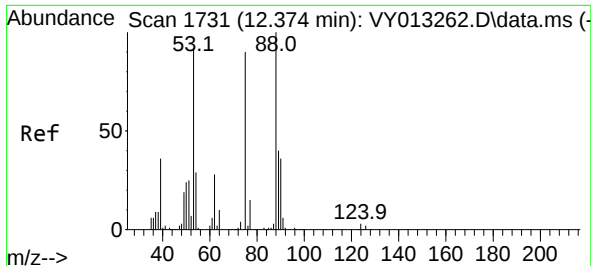


#80
1,3,5-Trimethylbenzene
Concen: 20.656 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00



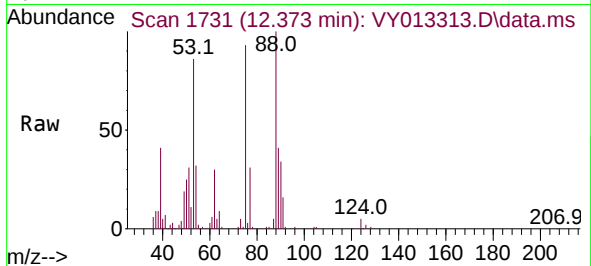
Tgt Ion:105 Resp: 230859
Ion Ratio Lower Upper
105 100
120 48.7 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.605 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

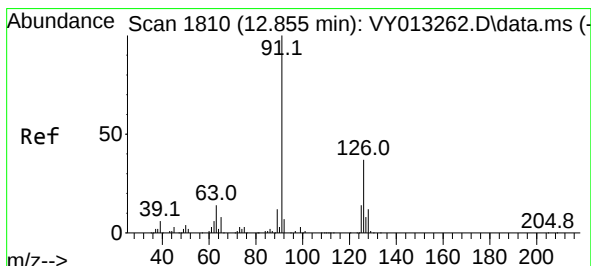
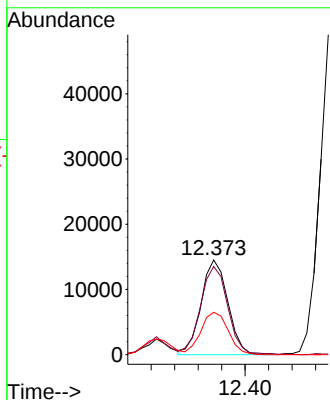
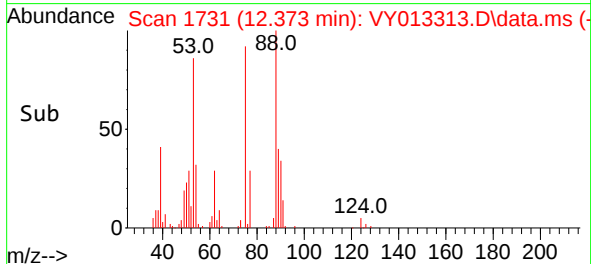
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



Tgt Ion: 75 Resp: 22890
Ion Ratio Lower Upper
75 100
53 95.5 73.4 110.0
89 45.8 36.6 55.0

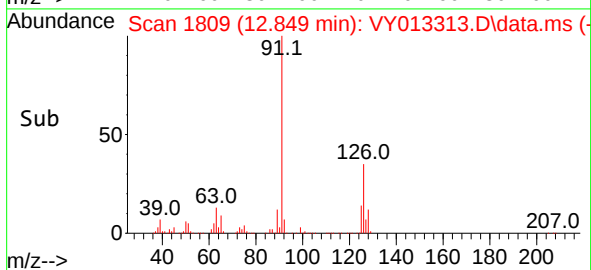
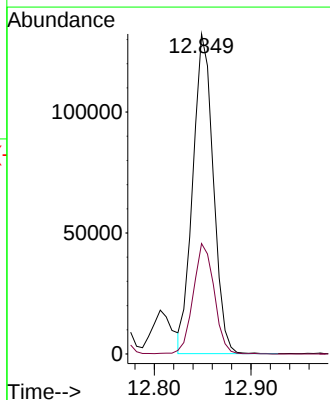
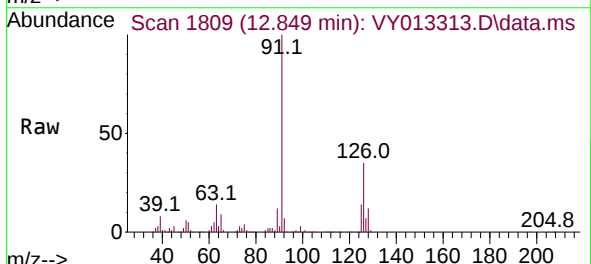
Manual Integrations
APPROVED

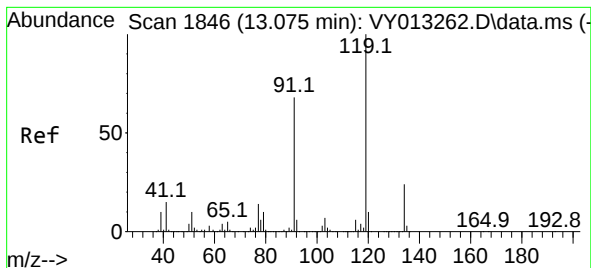
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#82
4-Chlorotoluene
Concen: 19.863 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

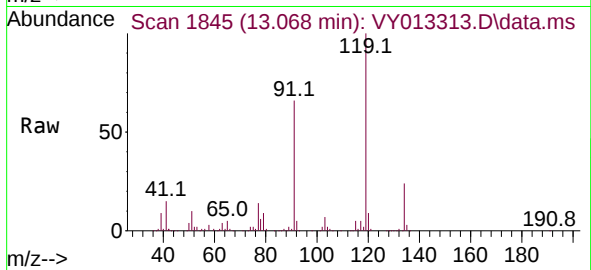
Tgt Ion: 91 Resp: 194247
Ion Ratio Lower Upper
91 100
126 35.5 17.7 53.1





#83
tert-Butylbenzene
Concen: 20.252 ug/l
RT: 13.068 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

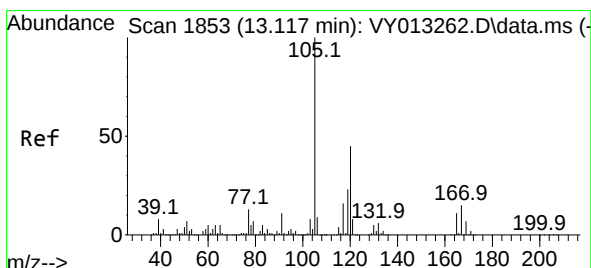
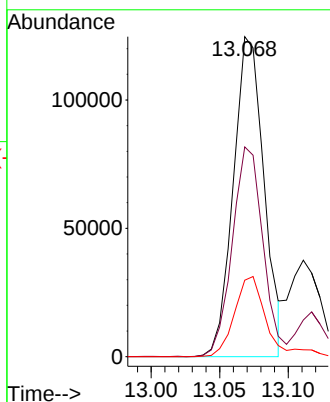
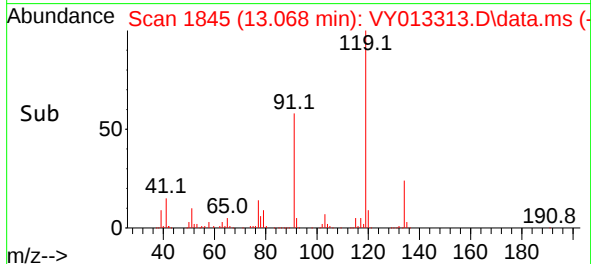
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



Tgt Ion:119 Resp: 19422
Ion Ratio Lower Upper
119 100
91 65.7 32.8 98.3
134 26.4 13.6 40.8

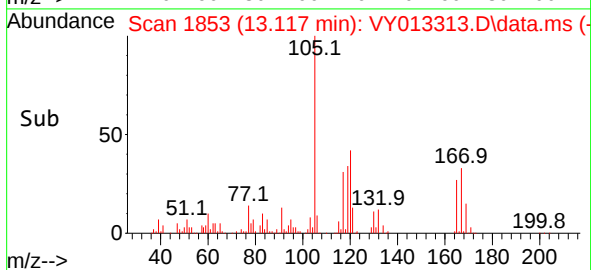
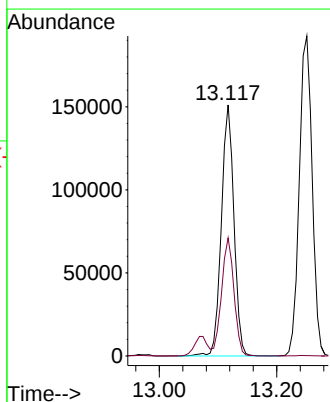
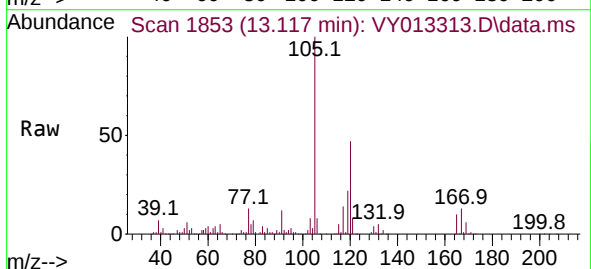
Manual Integrations
APPROVED

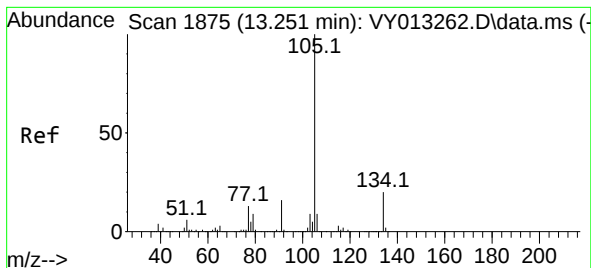
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.669 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

Tgt Ion:105 Resp: 224819
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.386 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tgt Ion:105 Resp: 292369

Ion Ratio Lower Upper

105 100

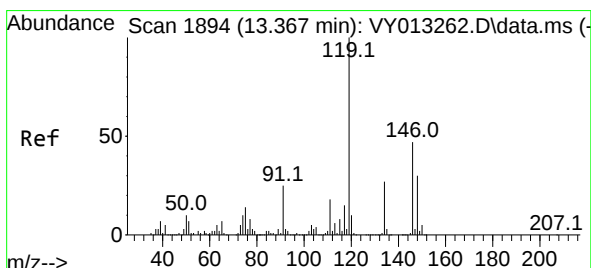
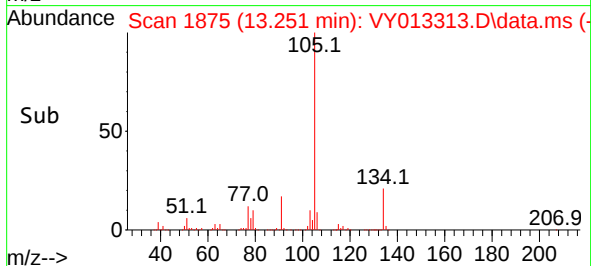
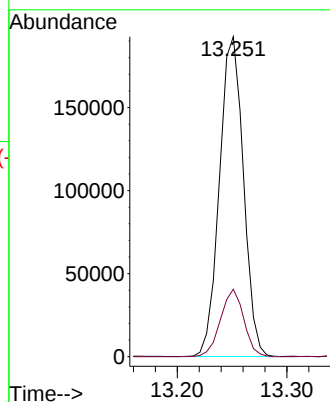
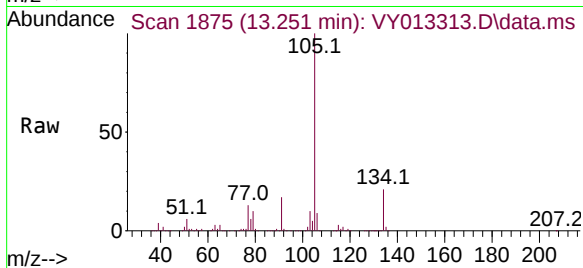
134 20.5 10.4 31.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#86

p-Isopropyltoluene

Concen: 20.790 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

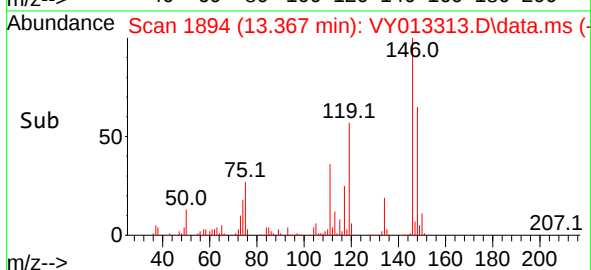
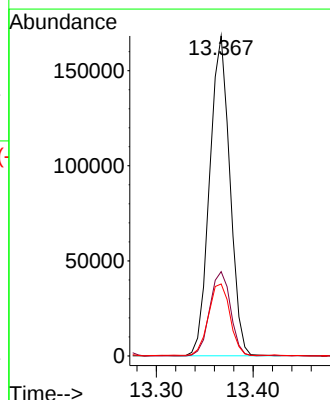
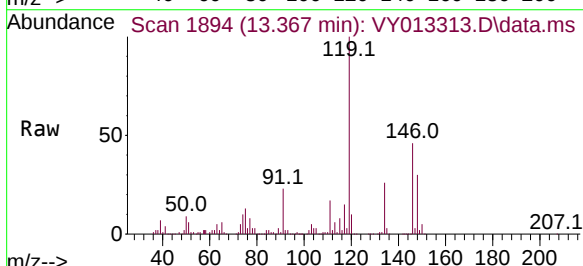
Tgt Ion:119 Resp: 244666

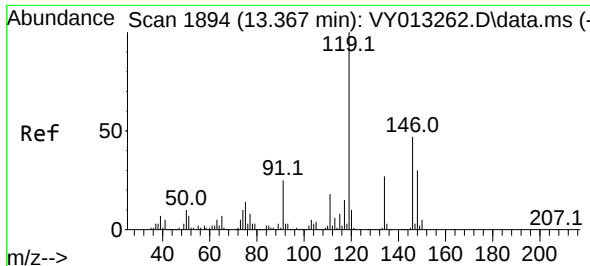
Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.6

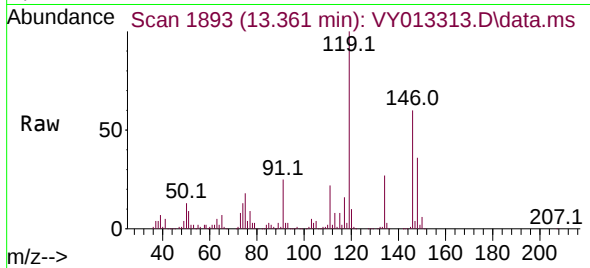
91 24.2 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 20.388 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

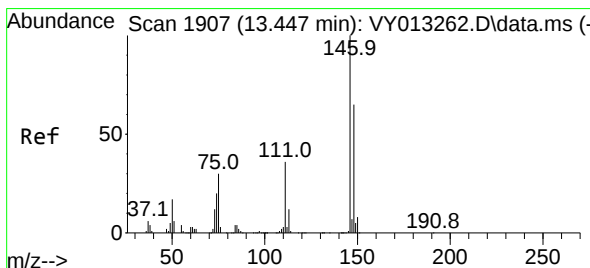
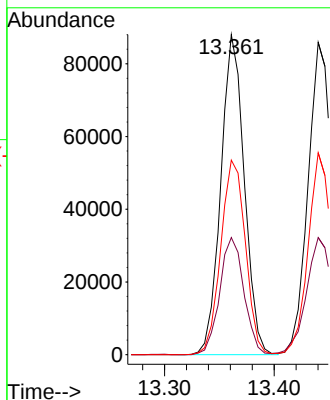
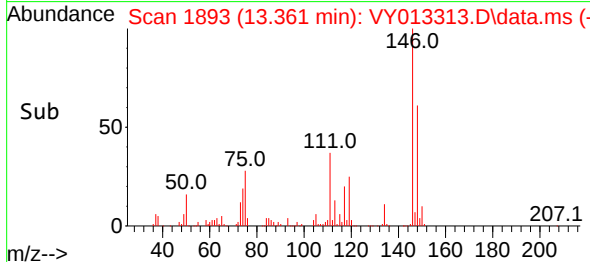
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



Tgt Ion:146 Resp: 131134
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.5
148 63.7 31.8 95.3

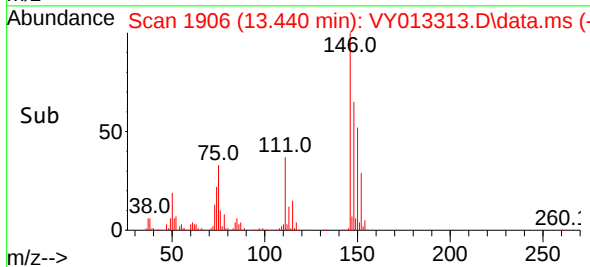
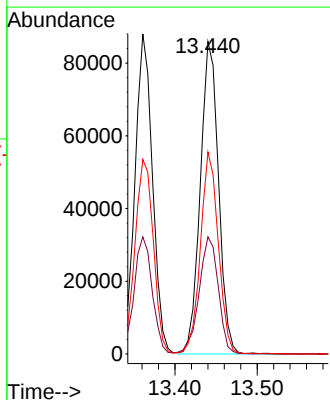
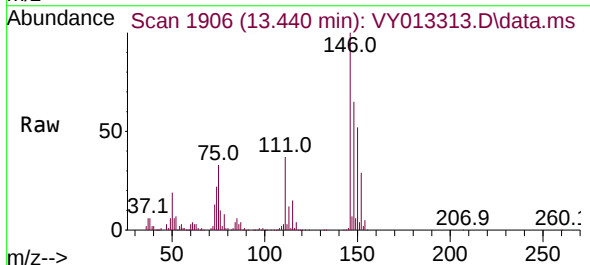
Manual Integrations
APPROVED

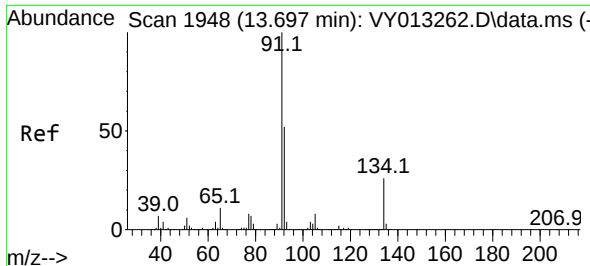
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#88
1,4-Dichlorobenzene
Concen: 20.393 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

Tgt Ion:146 Resp: 132550
Ion Ratio Lower Upper
146 100
111 39.6 18.6 55.8
148 63.6 31.5 94.5





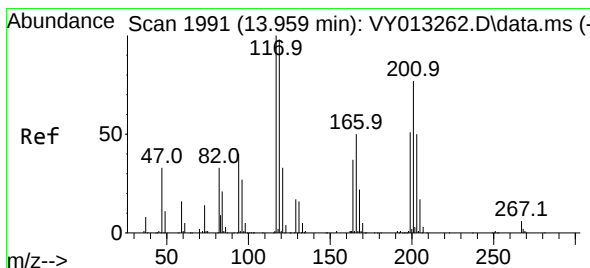
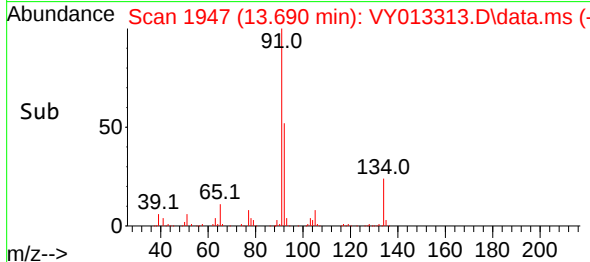
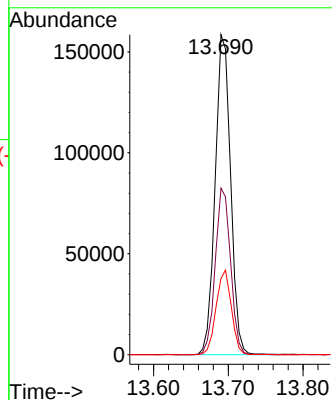
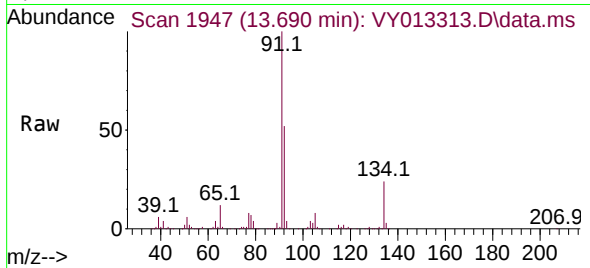
#89
n-Butylbenzene
Concen: 20.274 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tgt Ion: 91 Resp: 22819
Ion Ratio Lower Upper
91 100
92 51.7 26.4 79.0
134 26.1 13.0 38.9

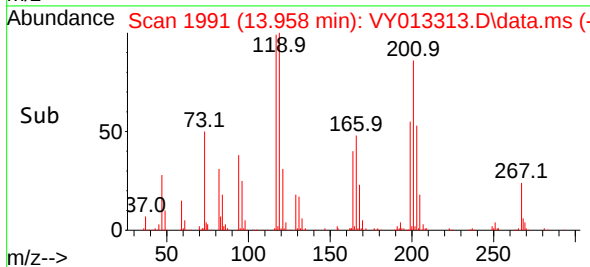
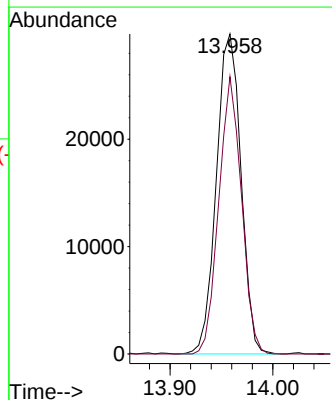
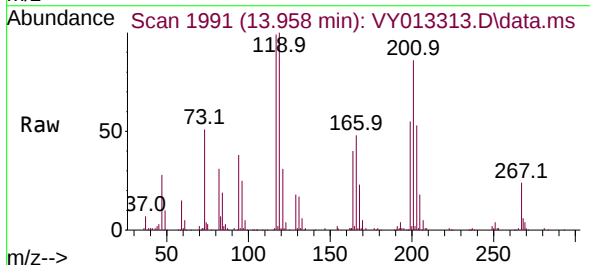
Manual Integrations
APPROVED

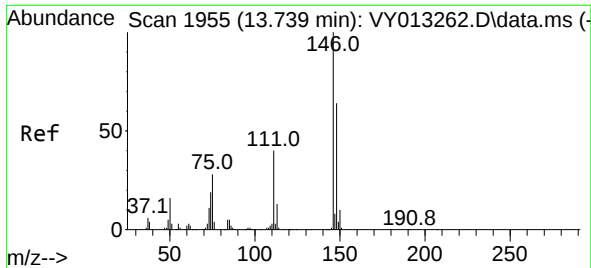
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#90
Hexachloroethane
Concen: 20.209 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

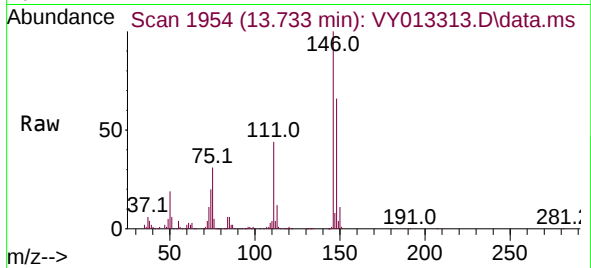
Tgt Ion:117 Resp: 49588
Ion Ratio Lower Upper
117 100
201 79.6 39.4 118.1





#91
1,2-Dichlorobenzene
Concen: 20.540 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00

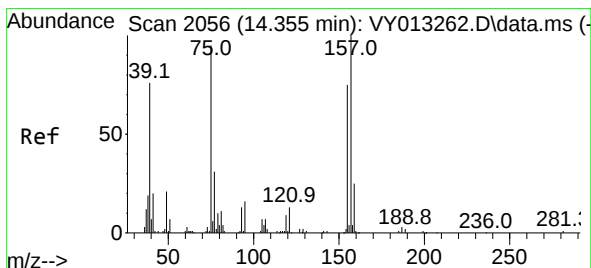
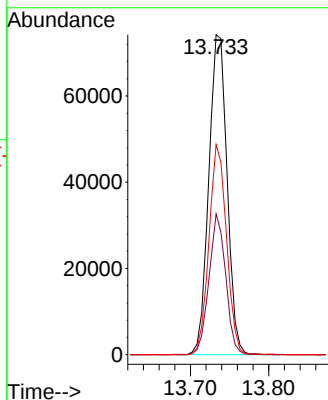
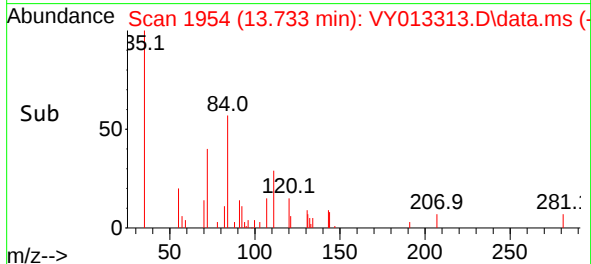
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01



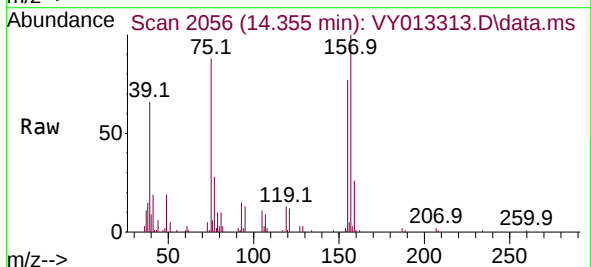
Tgt Ion:146 Resp: 120218
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.1
148 63.2 31.9 95.5

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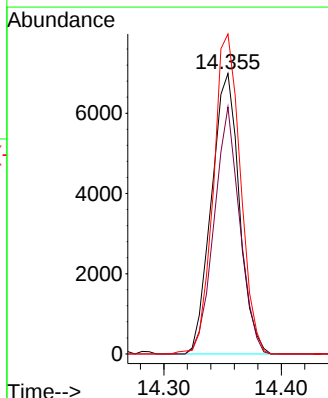
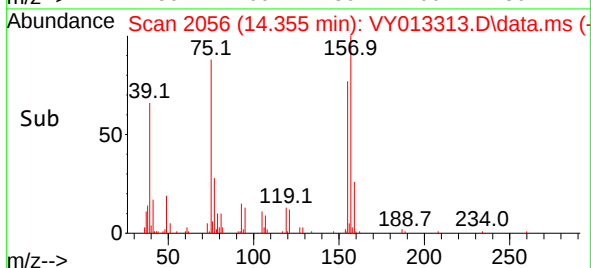
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

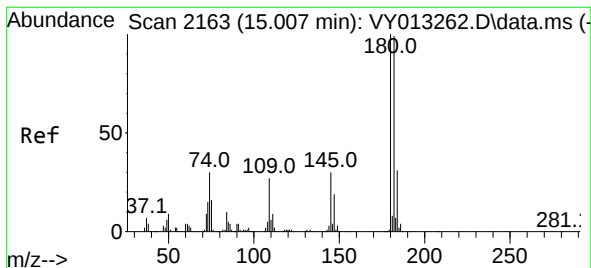


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.224 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013313.D
Acq: 14 Apr 2023 13:00



Tgt Ion: 75 Resp: 11507
Ion Ratio Lower Upper
75 100
155 80.8 43.8 131.4
157 110.7 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.946 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tgt Ion:180 Resp: 7286

Ion Ratio Lower Upper

180 100

182 96.0 46.7 140.1

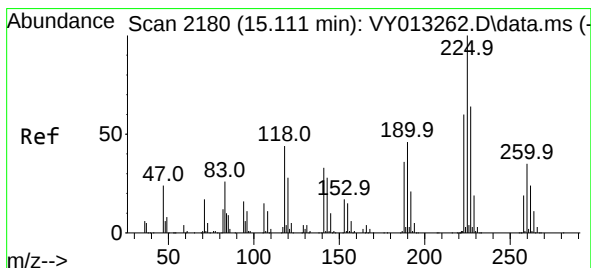
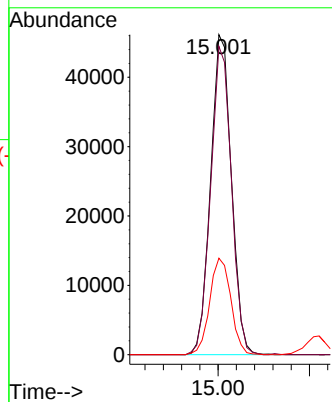
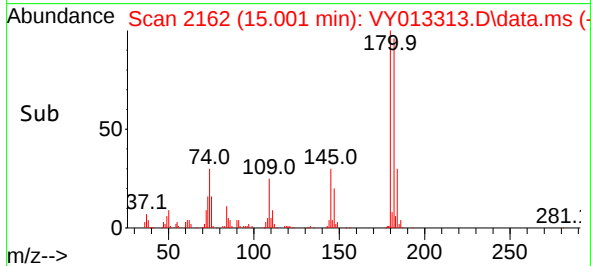
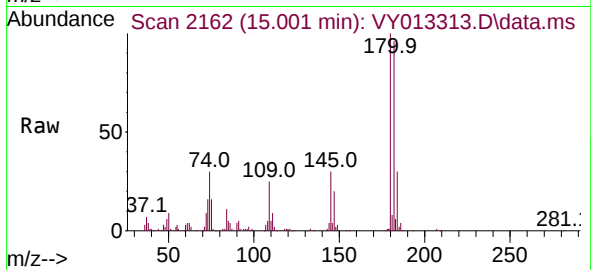
145 30.7 14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#94

Hexachlorobutadiene

Concen: 21.122 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

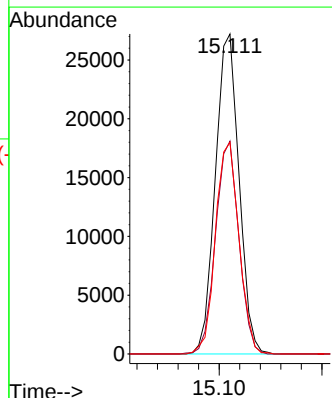
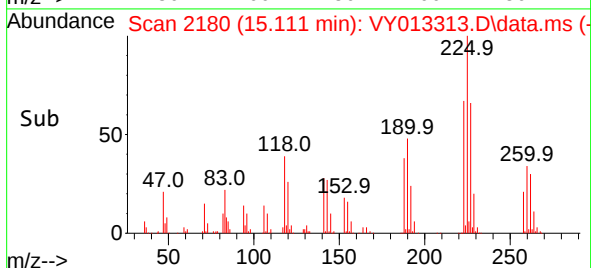
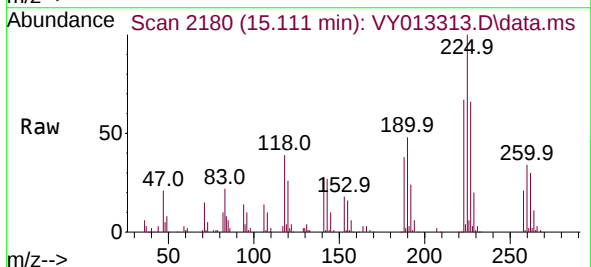
Tgt Ion:225 Resp: 43508

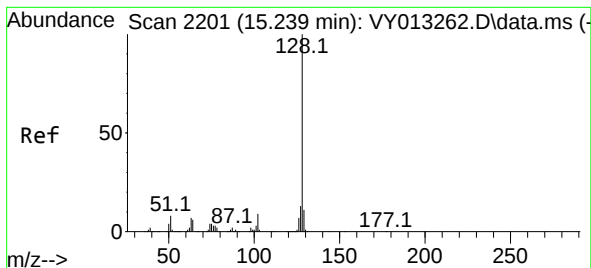
Ion Ratio Lower Upper

225 100

223 65.4 31.1 93.3

227 65.7 32.4 97.0





#95

Naphthalene

Concen: 19.843 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.007 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

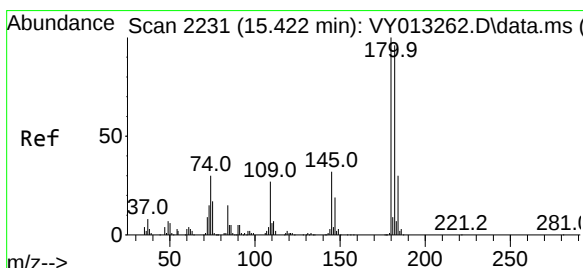
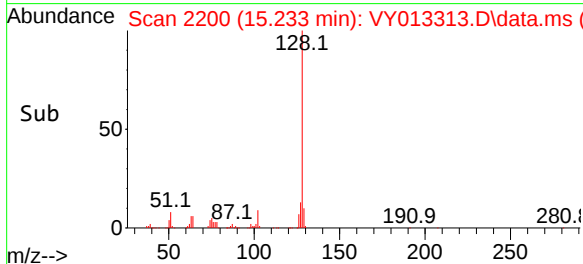
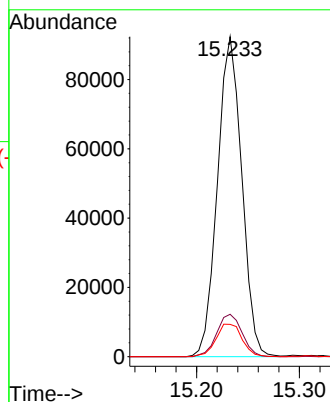
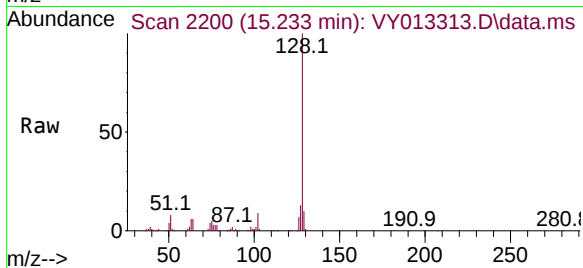
Tgt Ion:128 Resp: 151648
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.3 15.5
 129 11.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.712 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013313.D

Acq: 14 Apr 2023 13:00

Tgt Ion:180 Resp: 65642
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.4 142.3
 145 32.0 15.3 45.8

