

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014229.D
 Acq On : 19 Jun 2023 15:23
 Operator : KP/MD
 Sample : VY0619SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/20/2023

Quant Time: Jun 19 17:02:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	214732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	310805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	295210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	135147	45.197	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.400%		
35) Dibromofluoromethane	7.710	113	118542	53.781	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.560%		
50) Toluene-d8	10.173	98	408173	49.533	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.060%		
62) 4-Bromofluorobenzene	12.477	95	159735	54.568	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	109.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	50772	21.216	ug/l	95
3) Chloromethane	2.107	50	53057	17.485	ug/l	100
4) Vinyl Chloride	2.247	62	54194	18.370	ug/l	97
5) Bromomethane	2.625	94	38949	16.001	ug/l	97
6) Chloroethane	2.784	64	34283	17.101	ug/l	95
7) Trichlorofluoromethane	3.113	101	97864	20.419	ug/l	99
8) Diethyl Ether	3.521	74	28662	17.909	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	52317	21.629	ug/l	98
10) Methyl Iodide	4.076	142	53155	16.642	ug/l	97
11) Tert butyl alcohol	4.954	59	32991	81.493	ug/l #	82
12) 1,1-Dichloroethene	3.857	96	46909	19.133	ug/l	97
13) Acrolein	3.716	56	17917	108.751	ug/l	94
14) Allyl chloride	4.466	41	79512	17.891	ug/l	98
15) Acrylonitrile	5.149	53	79689	96.537	ug/l	99
16) Acetone	3.942	43	80794	89.638	ug/l	97
17) Carbon Disulfide	4.180	76	131150	16.508	ug/l	98
18) Methyl Acetate	4.466	43	64986	18.575	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	130340	18.025	ug/l	98
20) Methylene Chloride	4.698	84	82614	27.066	ug/l	92
21) trans-1,2-Dichloroethene	5.204	96	50754	18.560	ug/l	96
22) Diisopropyl ether	6.106	45	150618	17.701	ug/l	97
23) Vinyl Acetate	6.045	43	430243	85.697	ug/l	100
24) 1,1-Dichloroethane	6.003	63	89481	18.239	ug/l	98
25) 2-Butanone	6.972	43	105462	95.053	ug/l	98
26) 2,2-Dichloropropane	6.972	77	92881	20.157	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	54401	17.784	ug/l	97
28) Bromochloromethane	7.326	49	35346	17.716	ug/l	96
29) Tetrahydrofuran	7.338	42	63144	89.751	ug/l	97
30) Chloroform	7.496	83	96669	18.573	ug/l	98
31) Cyclohexane	7.777	56	76185	19.019	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	91911	19.579	ug/l	99
36) 1,1-Dichloropropene	7.905	75	70459	20.504	ug/l	99
37) Ethyl Acetate	7.063	43	43136	18.193	ug/l	99
38) Carbon Tetrachloride	7.893	117	84604	21.335	ug/l	100
39) Methylcyclohexane	9.179	83	78377	20.557	ug/l	99
40) Benzene	8.149	78	197785	19.356	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations
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Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	20958	17.320	ug/l	95
42) 1,2-Dichloroethane	8.228	62	69672	19.281	ug/l	100
43) Isopropyl Acetate	8.264	43	78869	18.979	ug/l	97
44) Trichloroethene	8.935	130	55807	20.442	ug/l	96
45) 1,2-Dichloropropane	9.209	63	49513	19.077	ug/l	99
46) Dibromomethane	9.301	93	30045	18.806	ug/l	99
47) Bromodichloromethane	9.490	83	72918	19.493	ug/l	98
48) Methyl methacrylate	9.289	41	35656	18.396	ug/l	97
49) 1,4-Dioxane	9.295	88	8662	426.693	ug/l #	57
51) 4-Methyl-2-Pentanone	10.063	43	219172	97.078	ug/l	99
52) Toluene	10.240	92	127180	20.078	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	75505	19.174	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	80638	18.768	ug/l	97
55) 1,1,2-Trichloroethane	10.636	97	41873	19.760	ug/l	94
56) Ethyl methacrylate	10.502	69	53578	18.331	ug/l	99
57) 1,3-Dichloropropane	10.782	76	69325	19.128	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	70849	76.656	ug/l	98
59) 2-Hexanone	10.825	43	160815	98.621	ug/l	99
60) Dibromochloromethane	10.977	129	53768	19.825	ug/l	100
61) 1,2-Dibromoethane	11.081	107	40866	19.541	ug/l	97
64) Tetrachloroethene	10.715	164	61318	24.369	ug/l	95
65) Chlorobenzene	11.514	112	138033	19.459	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	54748	19.623	ug/l	99
67) Ethyl Benzene	11.587	91	243654	19.624	ug/l	100
68) m/p-Xylenes	11.697	106	189622	39.705	ug/l	98
69) o-Xylene	12.026	106	87762	19.437	ug/l	99
70) Styrene	12.038	104	152004	19.725	ug/l	99
71) Bromoform	12.203	173	37586	19.671	ug/l	100
73) Isopropylbenzene	12.325	105	242763	18.834	ug/l	99
74) N-amyl acetate	12.142	43	70969	17.375	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.575	83	49226	17.092	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	34984m	15.782	ug/l	
77) Bromobenzene	12.605	156	60664	17.907	ug/l	96
78) n-propylbenzene	12.666	91	297930	18.924	ug/l	99
79) 2-Chlorotoluene	12.751	91	166240	18.351	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	208396	18.882	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	16997	16.574	ug/l	96
82) 4-Chlorotoluene	12.849	91	176271	18.362	ug/l	98
83) tert-Butylbenzene	13.068	119	181303	19.331	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	207299	18.975	ug/l	99
85) sec-Butylbenzene	13.251	105	268913	19.721	ug/l	99
86) p-Isopropyltoluene	13.367	119	228626	19.591	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	121057	18.716	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	120913	18.553	ug/l	100
89) n-Butylbenzene	13.690	91	211677	19.557	ug/l	99
90) Hexachloroethane	13.958	117	44095	18.962	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	108588	18.692	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9926	18.098	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	67904	18.451	ug/l	97
94) Hexachlorobutadiene	15.111	225	44752	21.063	ug/l	97
95) Naphthalene	15.233	128	130416	17.459	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	60547	18.207	ug/l	99

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MSVOA_Y
ClientSampleId :
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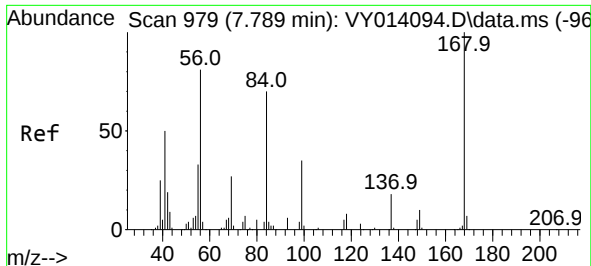
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/20/2023

Quant Time: Jun 19 17:02:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 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



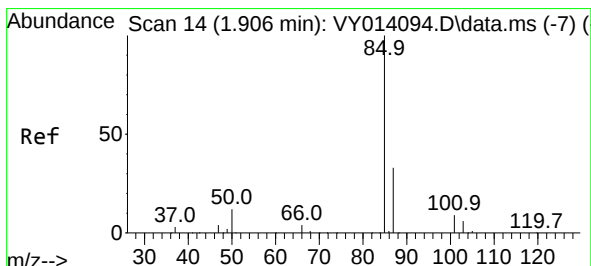
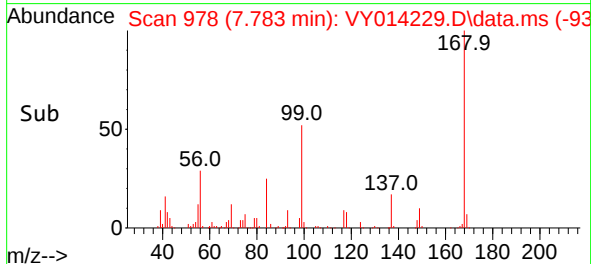
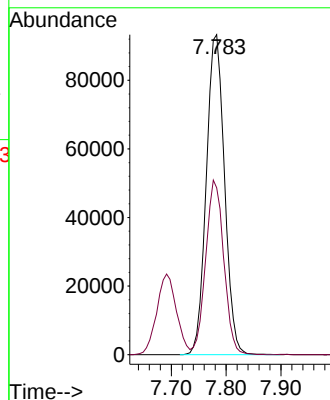
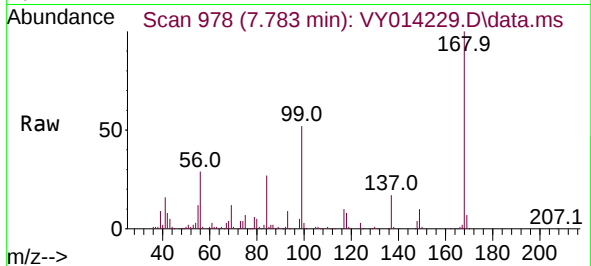
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:168 Resp: 21473
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0

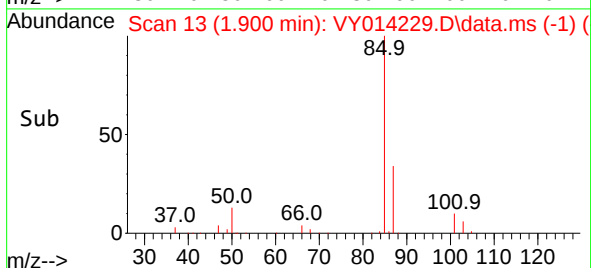
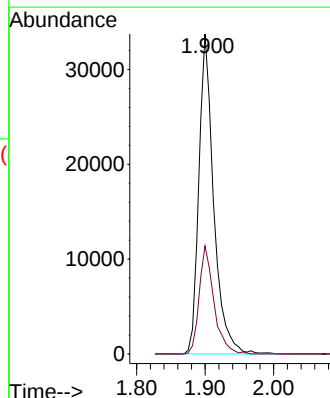
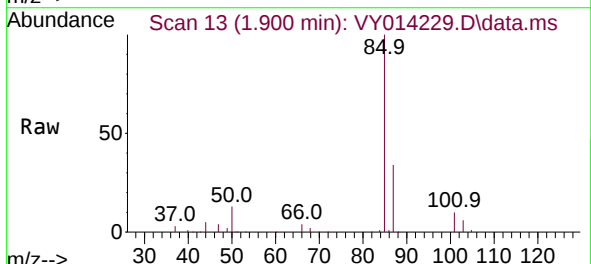
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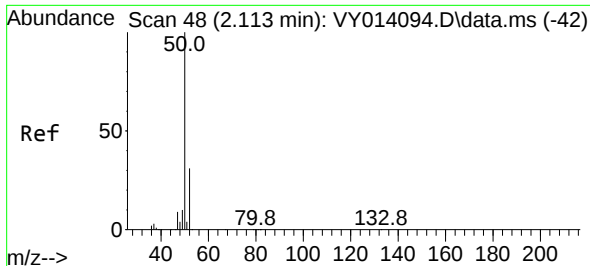
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#2
Dichlorodifluoromethane
Concen: 21.216 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion: 85 Resp: 50772
Ion Ratio Lower Upper
85 100
87 33.8 15.6 46.8





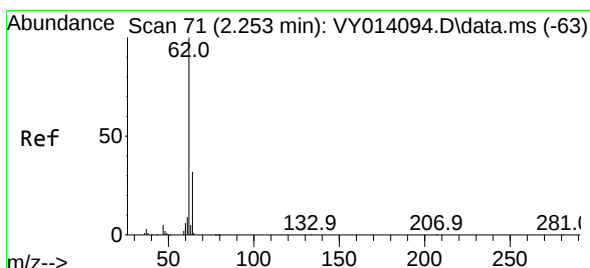
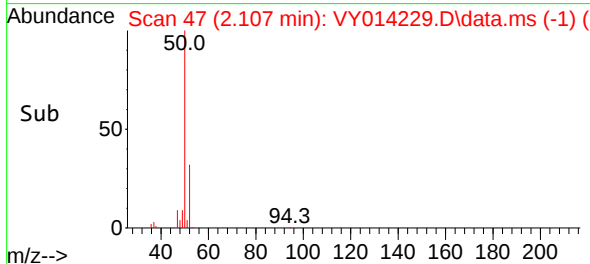
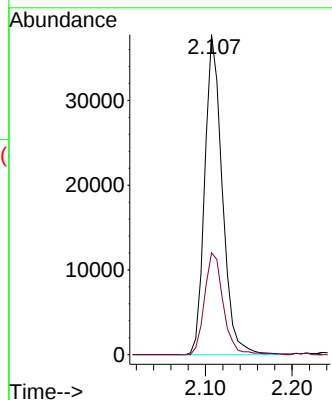
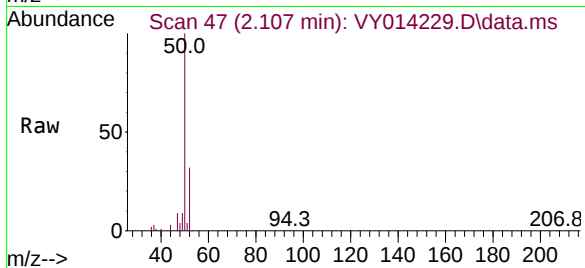
#3
Chloromethane
Concen: 17.485 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 50 Resp: 5305
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2

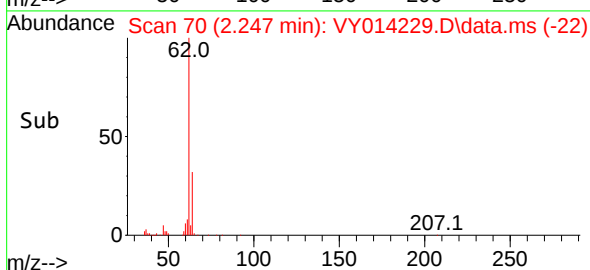
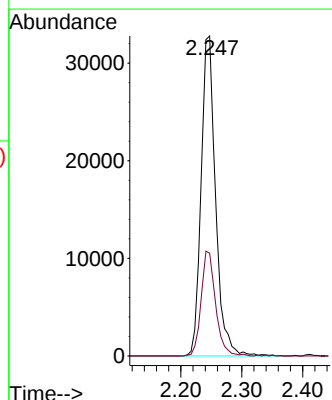
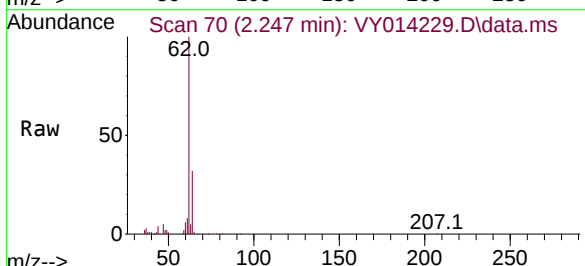
Manual Integrations
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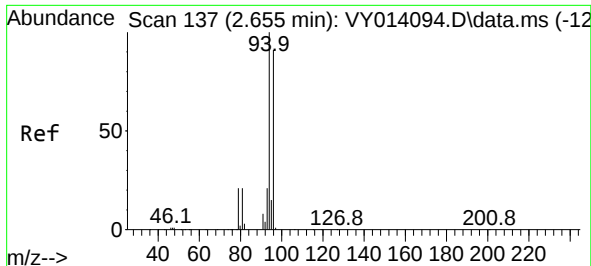
Reviewed By :John Carlone 06/20/2023
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#4
Vinyl Chloride
Concen: 18.370 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

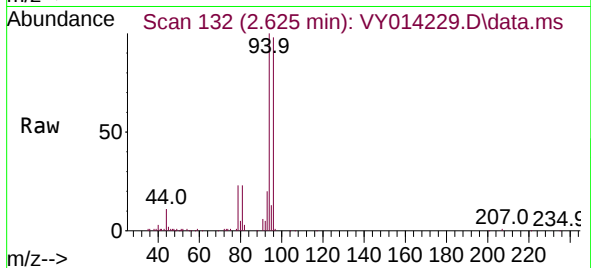
Tgt Ion: 62 Resp: 54194
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5





#5
Bromomethane
Concen: 16.001 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

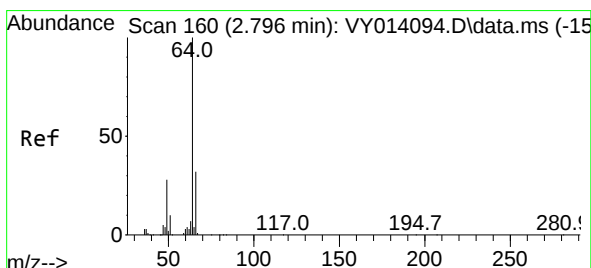
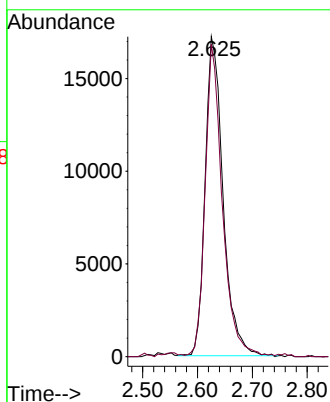
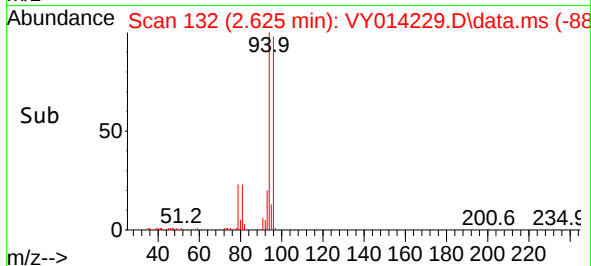
Instrument :
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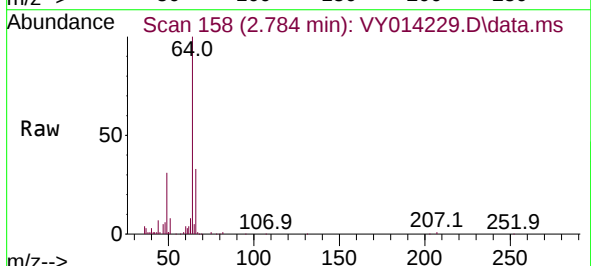
Tgt Ion: 94 Resp: 38949
Ion Ratio Lower Upper
94 100
96 97.3 75.8 113.6

Manual Integrations
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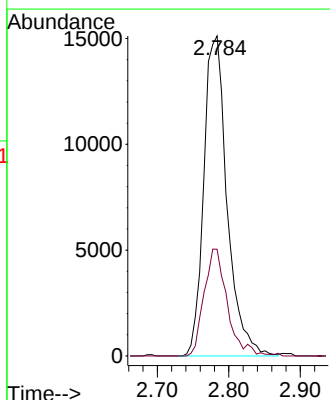
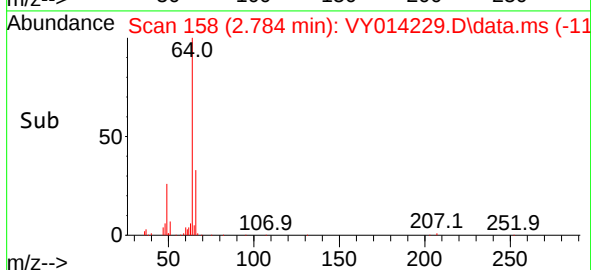
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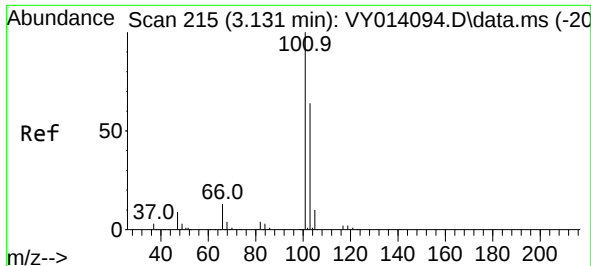


#6
Chloroethane
Concen: 17.101 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23



Tgt Ion: 64 Resp: 34283
Ion Ratio Lower Upper
64 100
66 33.4 24.4 36.6





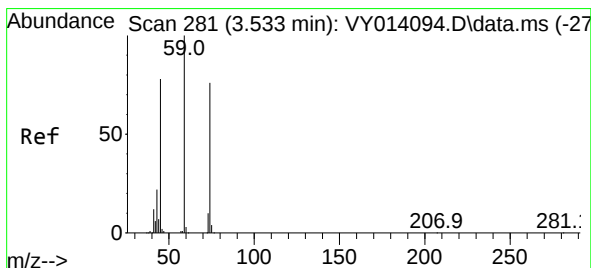
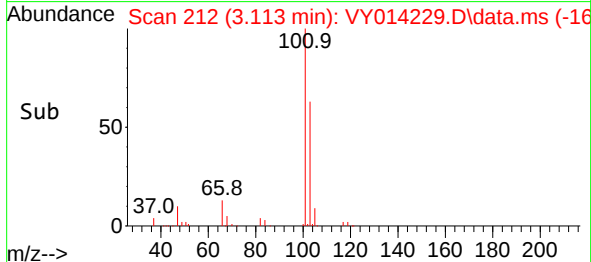
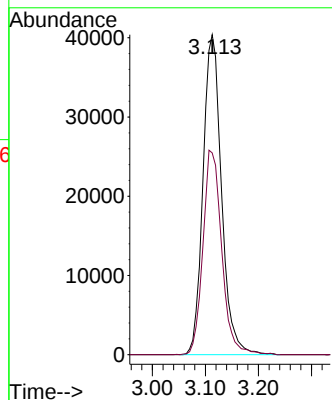
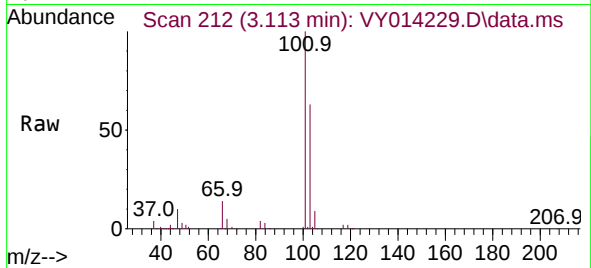
#7
Trichlorofluoromethane
Concen: 20.419 ug/l
RT: 3.113 min Scan# 215
Delta R.T. -0.018 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:101 Resp: 97864
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.0

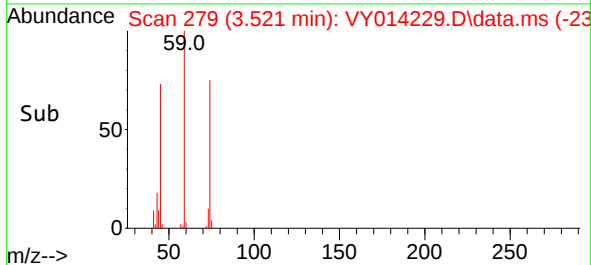
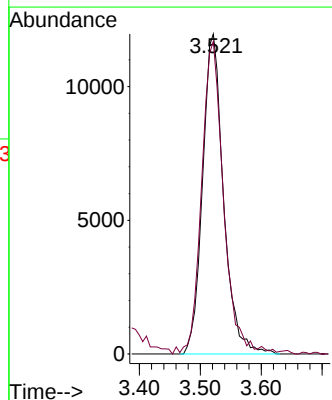
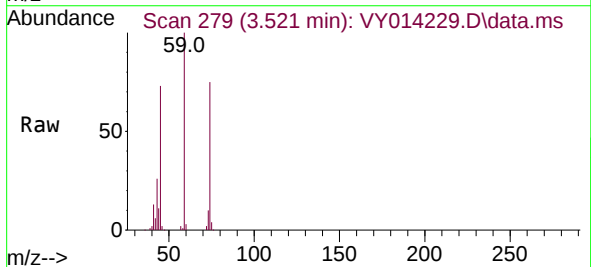
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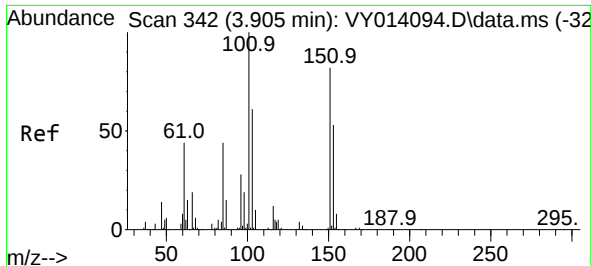
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#8
Diethyl Ether
Concen: 17.909 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion: 74 Resp: 28662
Ion Ratio Lower Upper
74 100
45 101.1 51.5 154.5





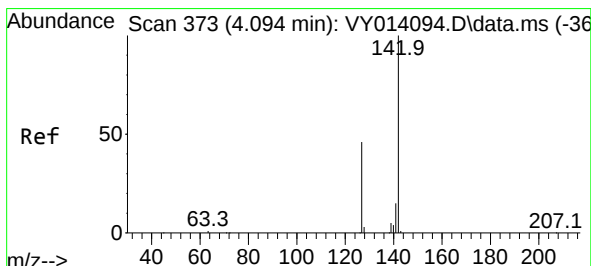
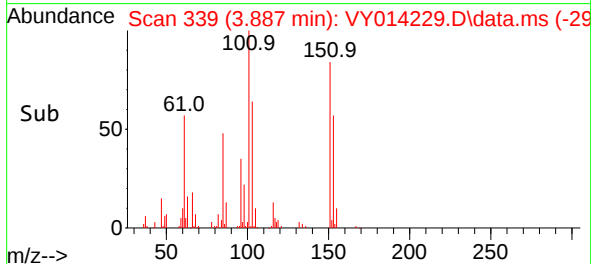
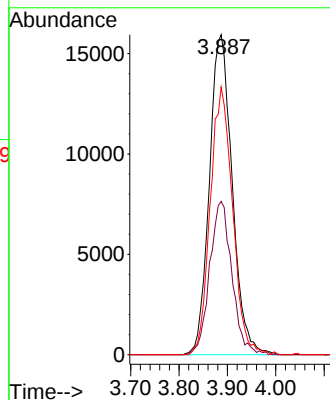
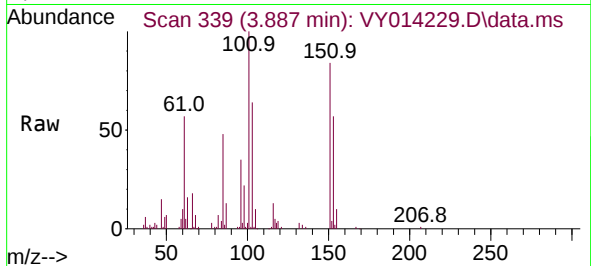
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.629 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:101 Resp: 5231
Ion Ratio Lower Upper
101 100
85 46.6 36.6 55.0
151 81.5 67.0 100.6

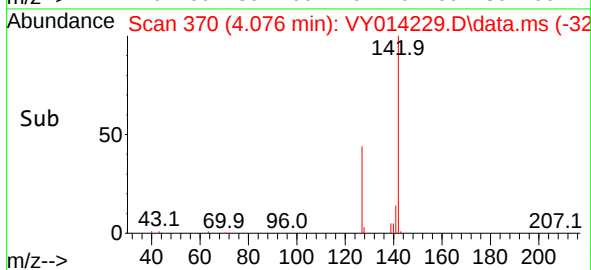
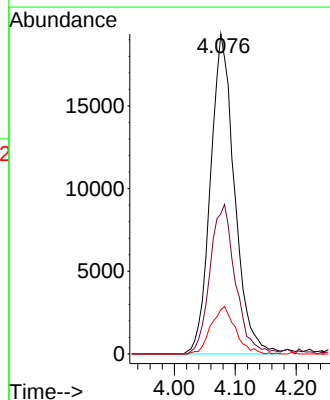
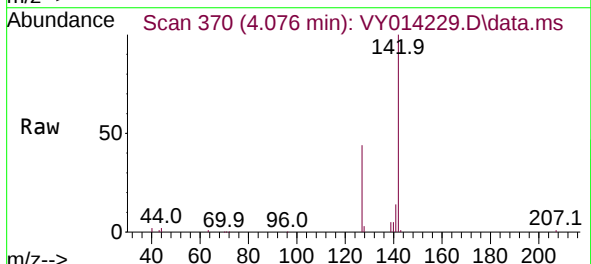
Manual Integrations
APPROVED

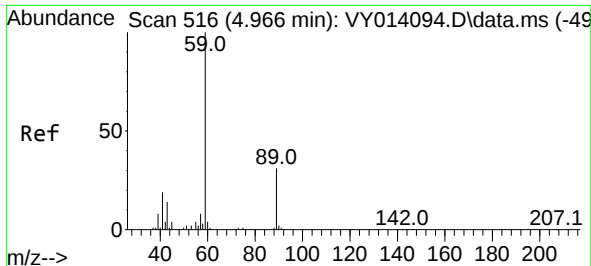
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#10
Methyl Iodide
Concen: 16.642 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.018 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

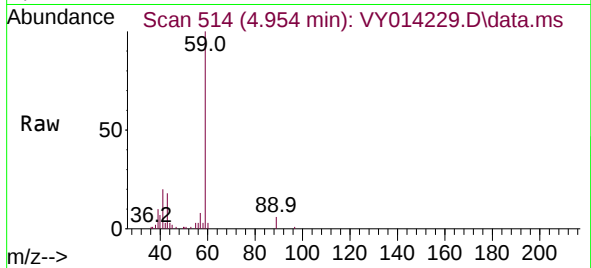
Tgt Ion:142 Resp: 53155
Ion Ratio Lower Upper
142 100
127 49.1 37.6 56.4
141 15.1 11.8 17.8





#11
Tert butyl alcohol
Concen: 81.493 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

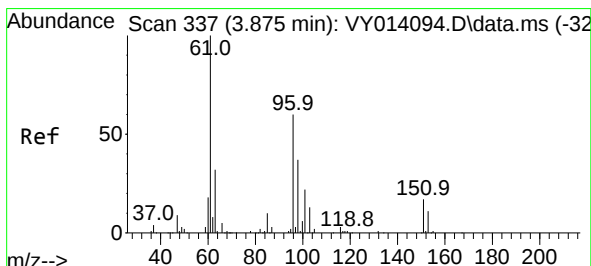
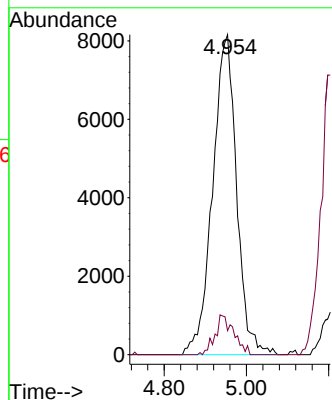
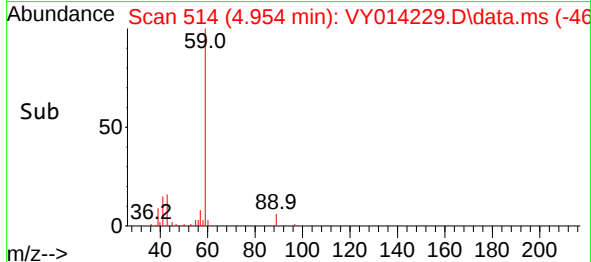
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



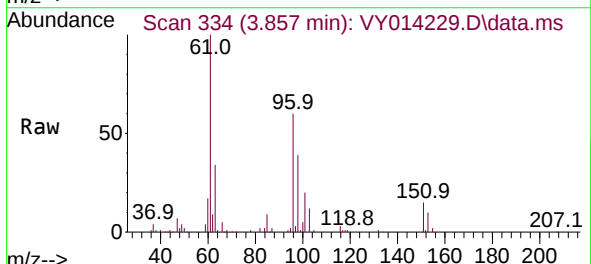
Tgt Ion: 59 Resp: 3299
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4

Manual Integrations
APPROVED

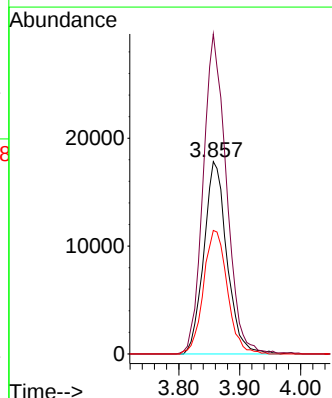
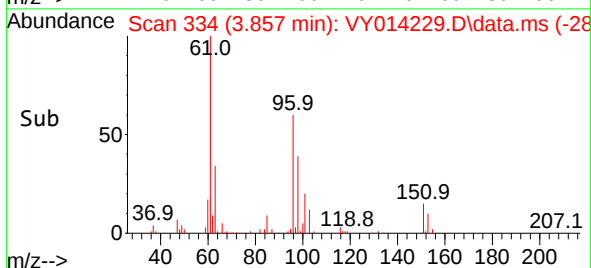
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

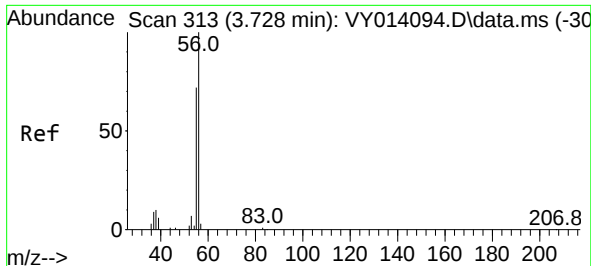


#12
1,1-Dichloroethene
Concen: 19.133 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.018 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23



Tgt Ion: 96 Resp: 46909
Ion Ratio Lower Upper
96 100
61 165.8 136.4 204.6
98 64.2 49.4 74.2





#13

Acrolein

Concen: 108.751 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.012 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tgt Ion: 56 Resp: 1791

Ion Ratio Lower Upper

56 100

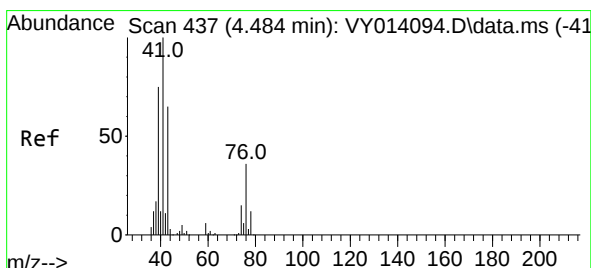
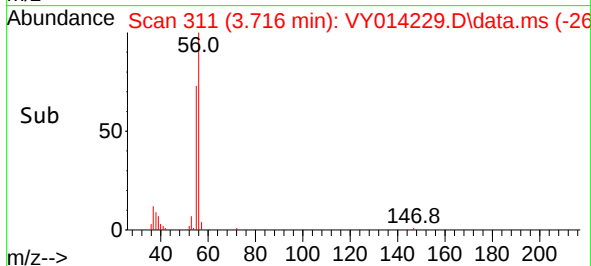
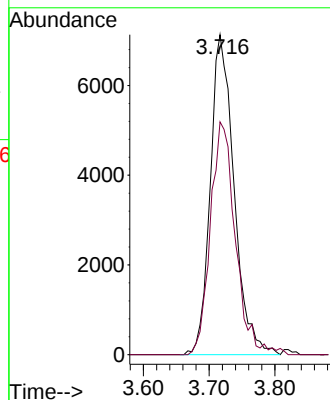
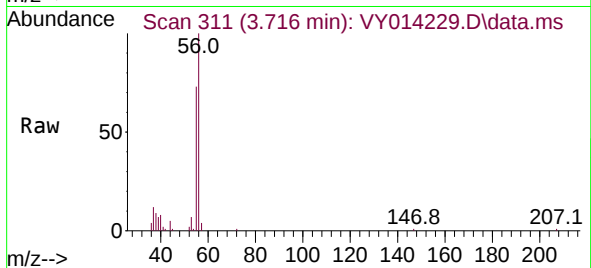
55 76.5 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#14

Allyl chloride

Concen: 17.891 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.018 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

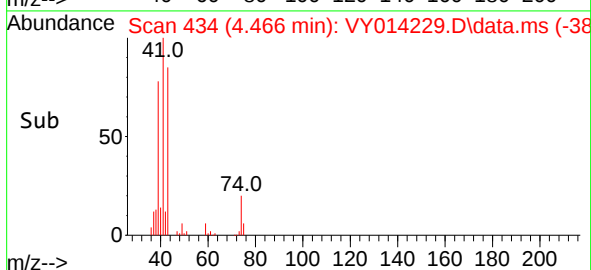
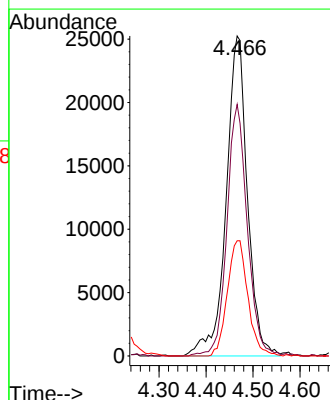
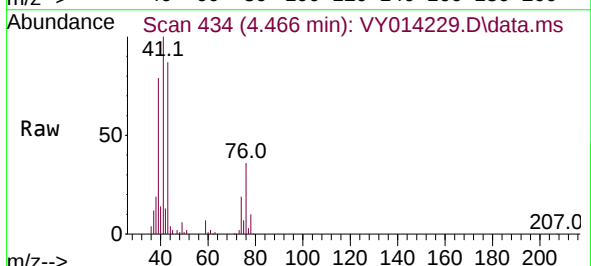
Tgt Ion: 41 Resp: 79512

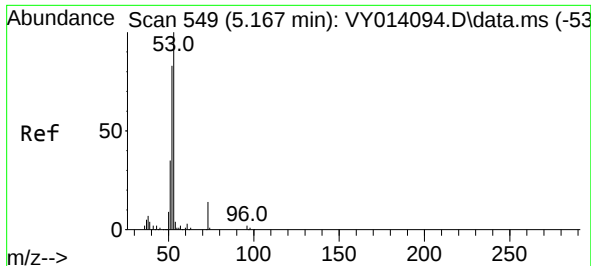
Ion Ratio Lower Upper

41 100

39 75.1 58.0 87.0

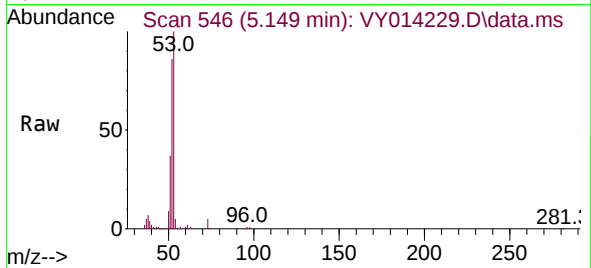
76 34.7 27.4 41.2





#15
Acrylonitrile
Concen: 96.537 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

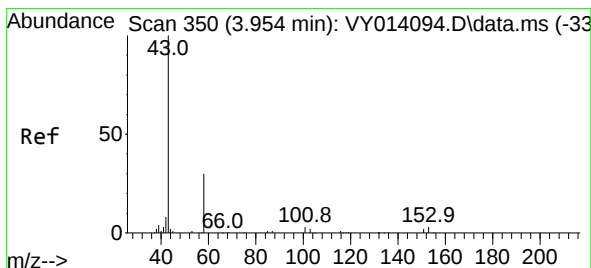
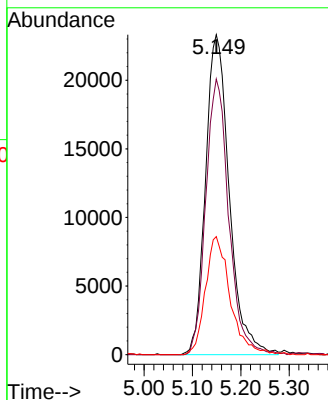
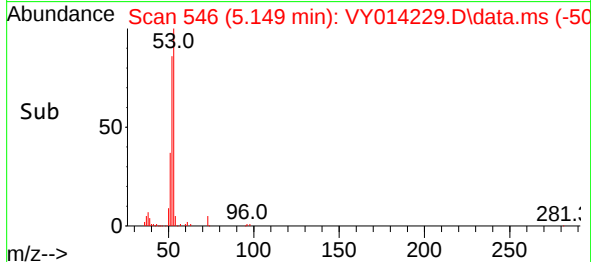
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 53 Resp: 79689
Ion Ratio Lower Upper
53 100
52 83.4 66.9 100.3
51 38.4 29.8 44.6

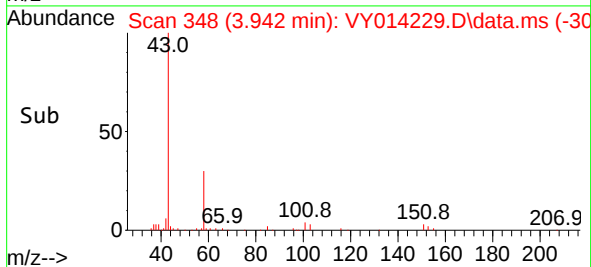
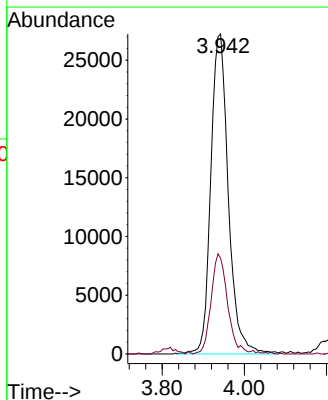
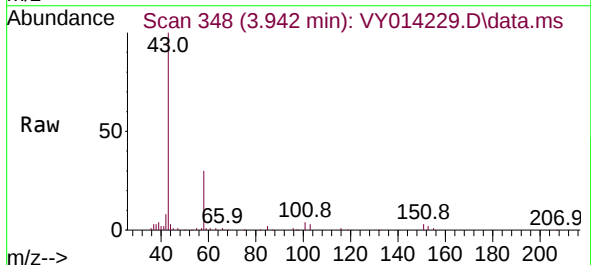
Manual Integrations
APPROVED

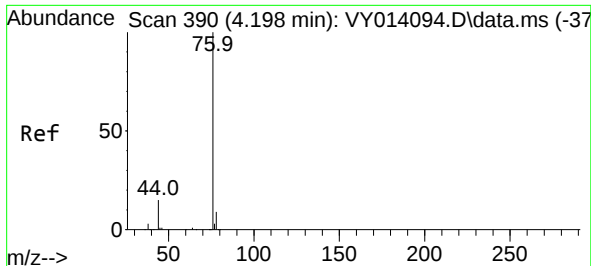
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#16
Acetone
Concen: 89.638 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

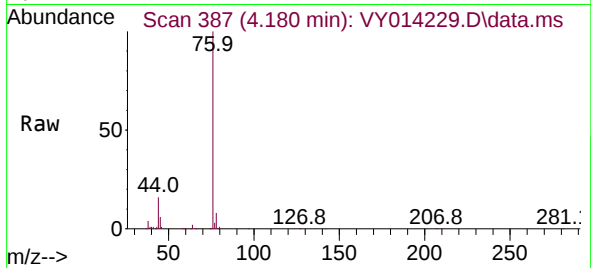
Tgt Ion: 43 Resp: 80794
Ion Ratio Lower Upper
43 100
58 29.9 22.7 34.1





#17
Carbon Disulfide
Concen: 16.508 ug/l
RT: 4.180 min Scan# 390
Delta R.T. -0.018 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

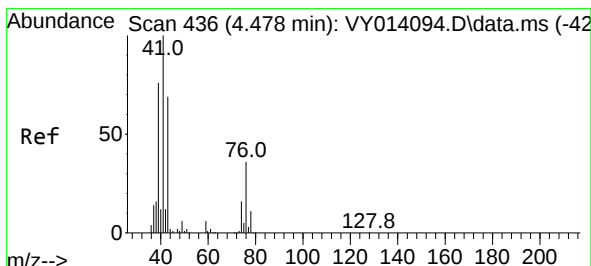
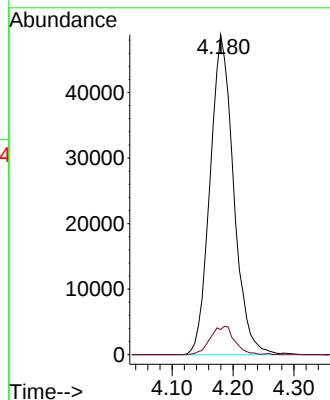
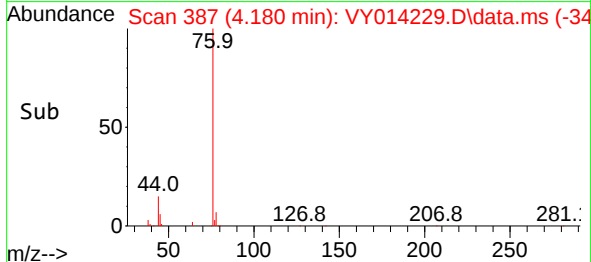
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 76 Resp: 131150
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.4

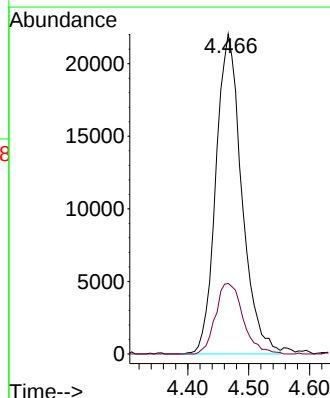
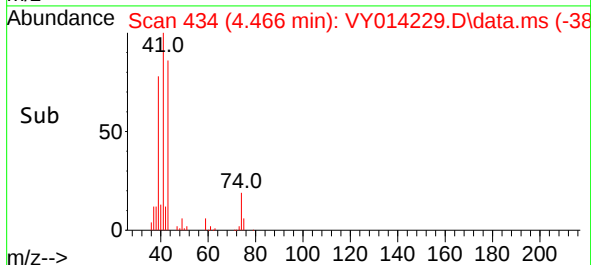
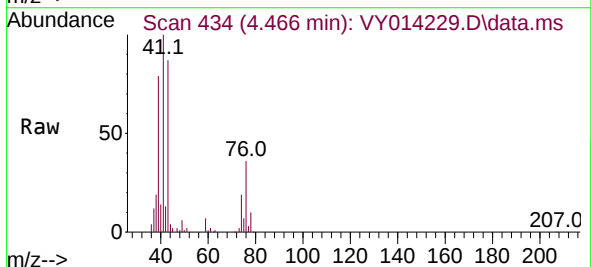
Manual Integrations
APPROVED

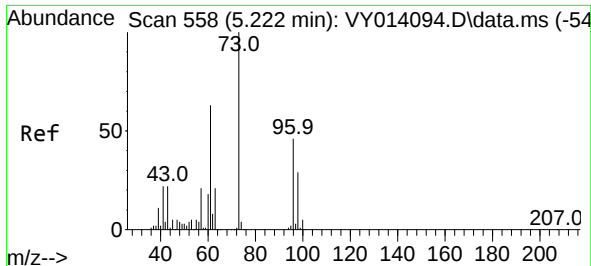
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#18
Methyl Acetate
Concen: 18.575 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion: 43 Resp: 64986
Ion Ratio Lower Upper
43 100
74 23.5 17.4 26.0





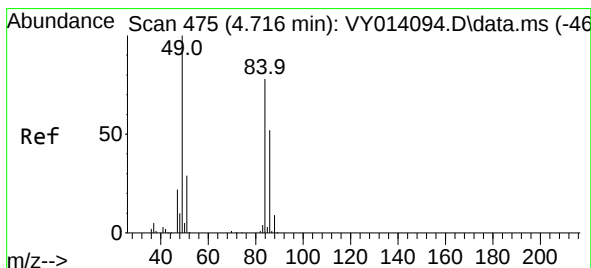
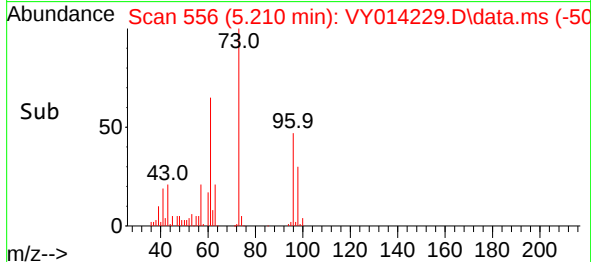
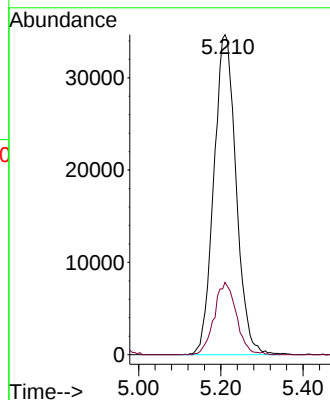
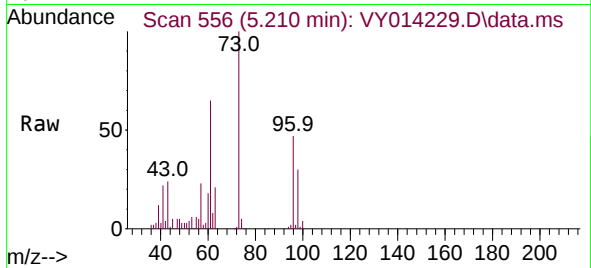
#19
Methyl tert-butyl Ether
Concen: 18.025 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 73 Resp: 130340
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9

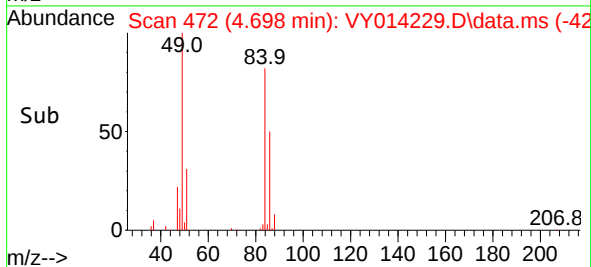
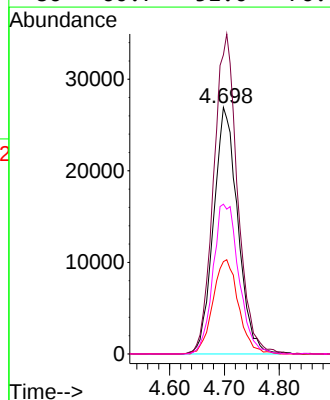
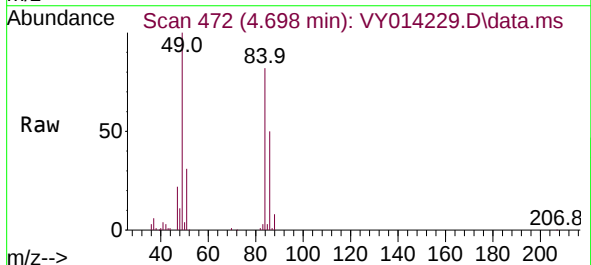
Manual Integrations
APPROVED

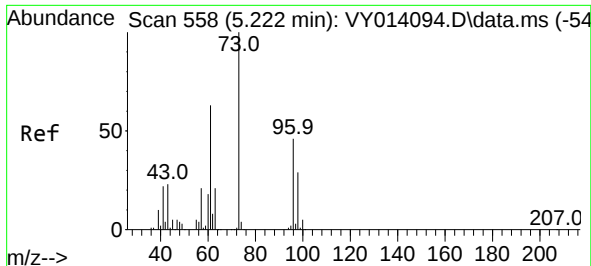
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#20
Methylene Chloride
Concen: 27.066 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

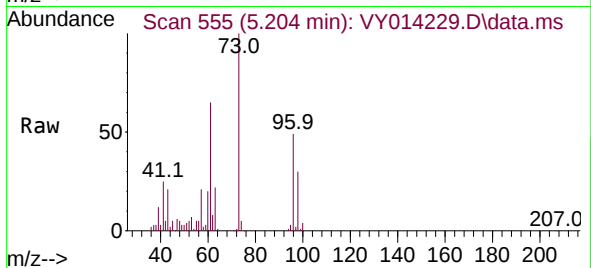
Tgt Ion: 84 Resp: 82614
Ion Ratio Lower Upper
84 100
49 121.3 106.9 160.3
51 37.5 33.2 49.8
86 60.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.560 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

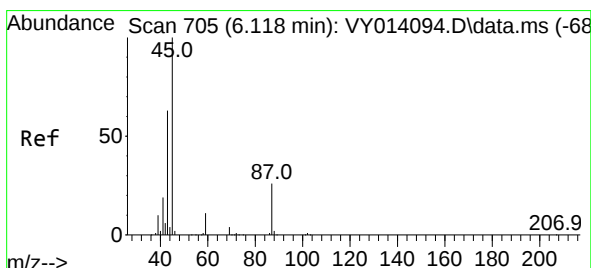
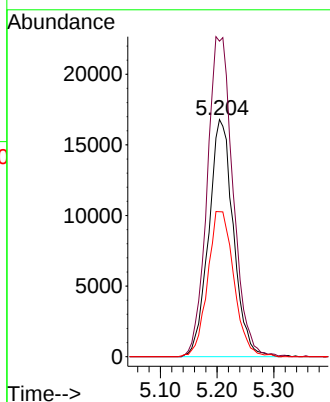
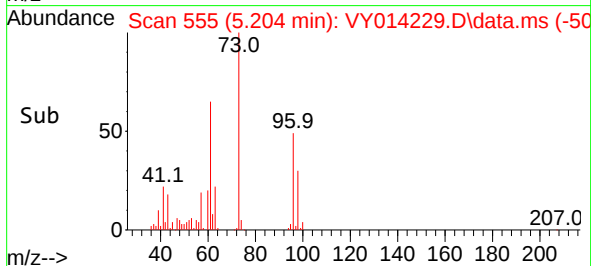
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 96 Resp: 50754
Ion Ratio Lower Upper
96 100
61 133.0 110.2 165.4
98 61.1 51.8 77.6

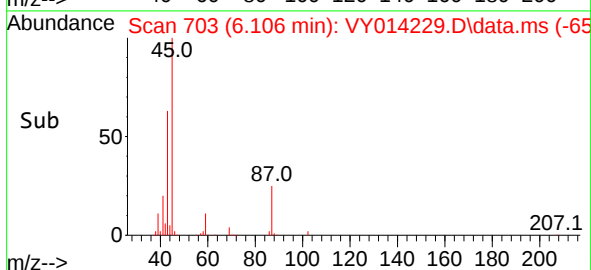
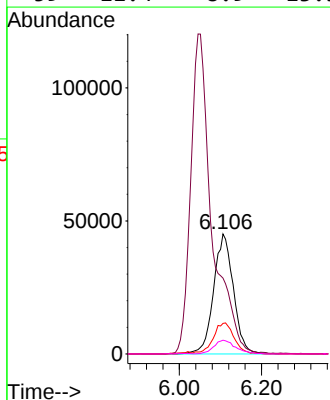
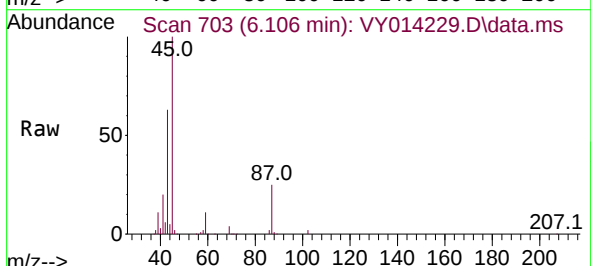
Manual Integrations
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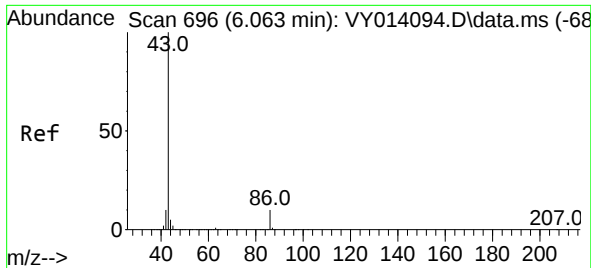
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#22
Diisopropyl ether
Concen: 17.701 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion: 45 Resp: 150618
Ion Ratio Lower Upper
45 100
43 62.6 52.2 78.4
87 25.4 21.0 31.6
59 11.4 8.9 13.3





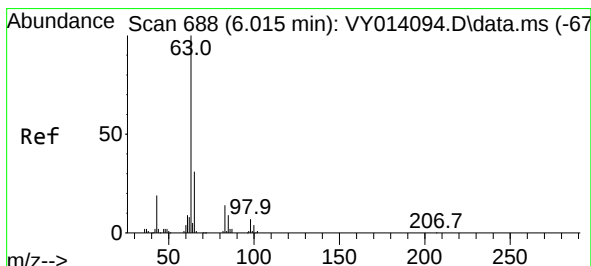
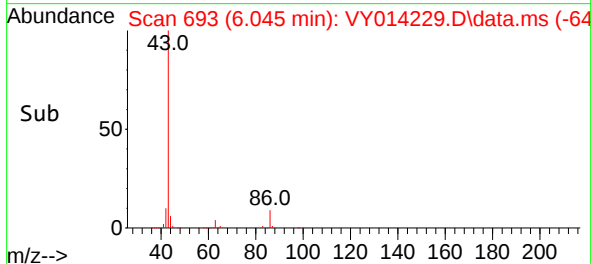
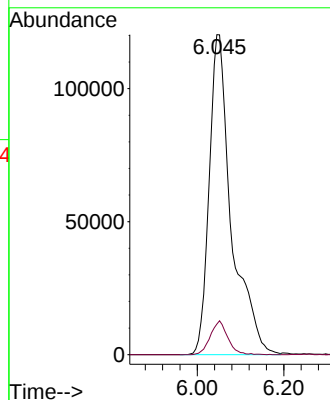
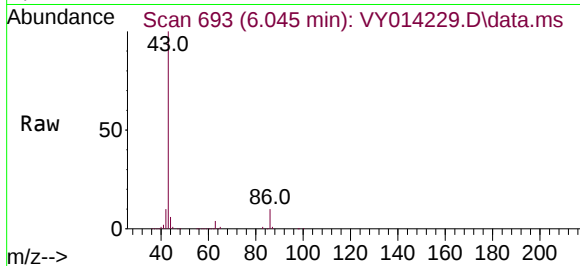
#23
 Vinyl Acetate
 Concen: 85.697 ug/l
 RT: 6.045 min Scan# 691
 Delta R.T. -0.018 min
 Lab File: VY014229.D
 Acq: 19 Jun 2023 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tgt Ion: 43 Resp: 43024
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3

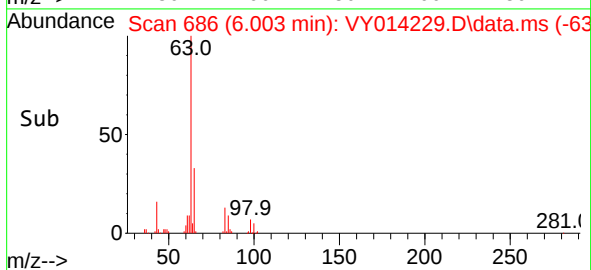
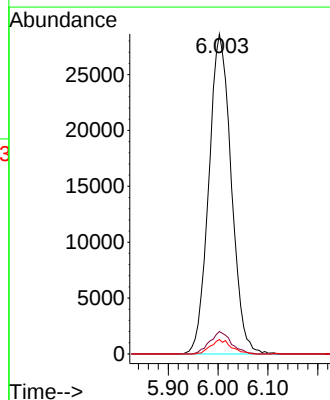
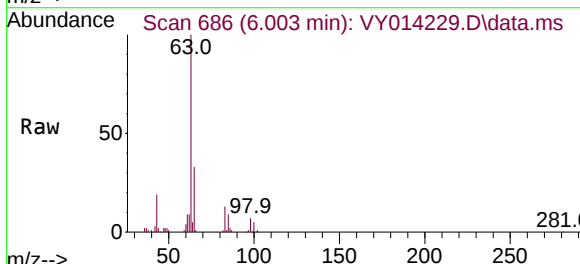
Manual Integrations
 APPROVED

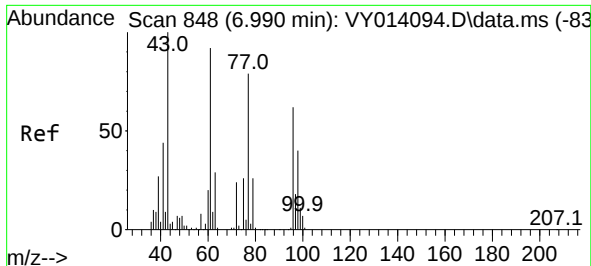
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023



#24
 1,1-Dichloroethane
 Concen: 18.239 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.012 min
 Lab File: VY014229.D
 Acq: 19 Jun 2023 15:23

Tgt Ion: 63 Resp: 89481
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.5 1.8 5.5





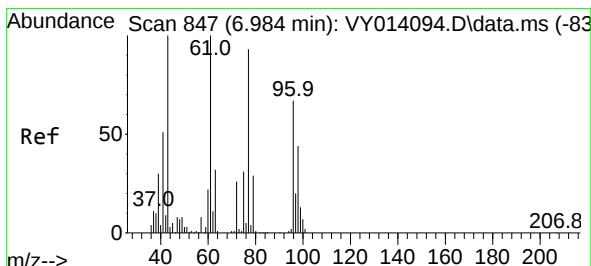
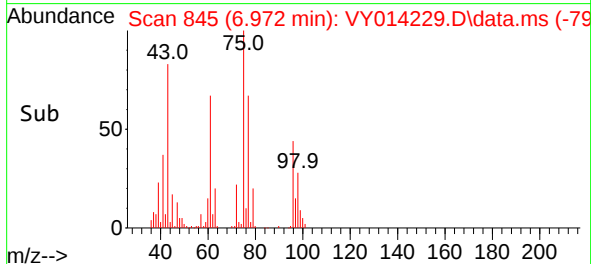
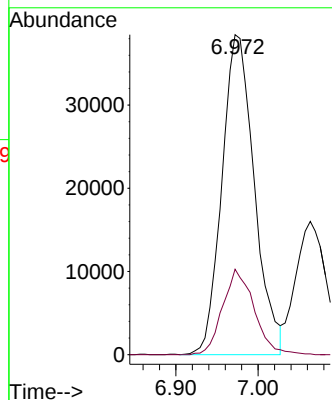
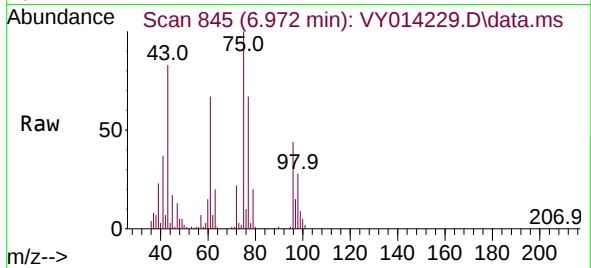
#25
2-Butanone
Concen: 95.053 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 43 Resp: 105462
Ion Ratio Lower Upper
43 100
72 26.7 20.5 30.7

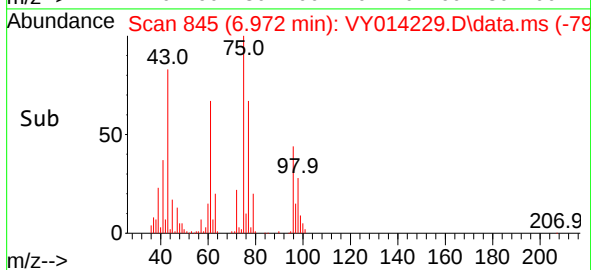
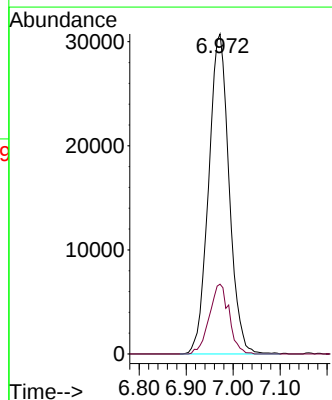
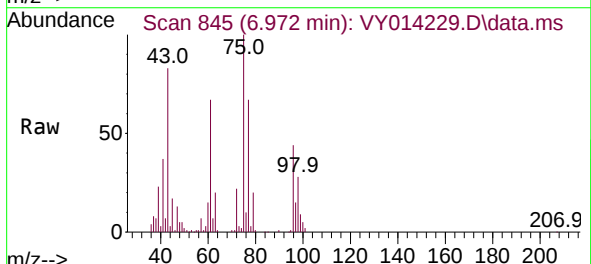
Manual Integrations
APPROVED

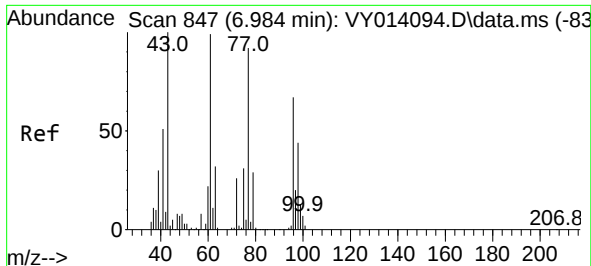
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#26
2,2-Dichloropropane
Concen: 20.157 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion: 77 Resp: 92881
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 17.784 ug/l

RT: 6.972 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

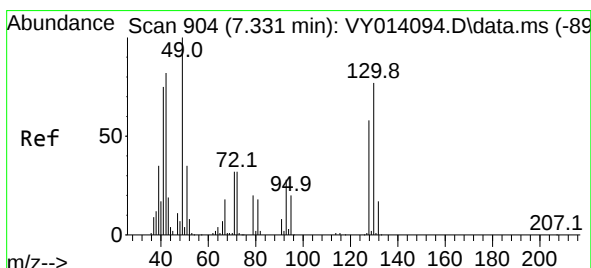
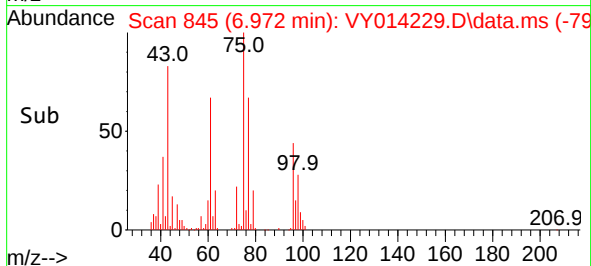
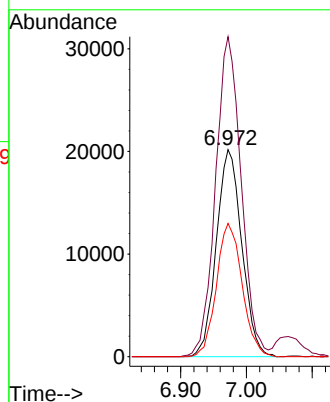
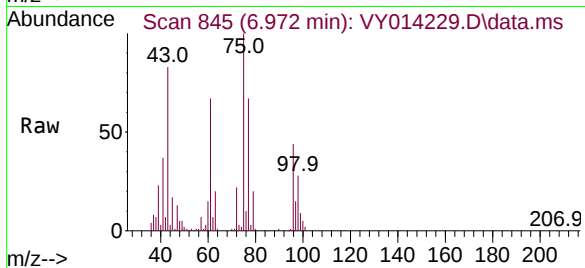
Tgt Ion:	96	Resp:	5440
Ion Ratio	Lower	Upper	
96	100		
61	155.6	0.0	301.4
98	64.8	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#28

Bromochloromethane

Concen: 17.716 ug/l

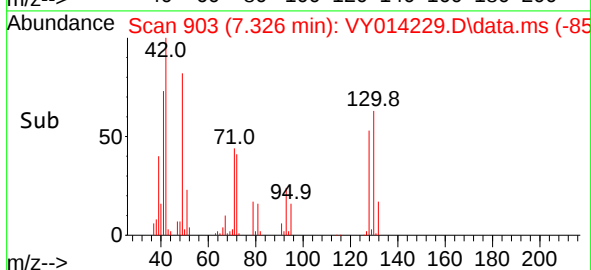
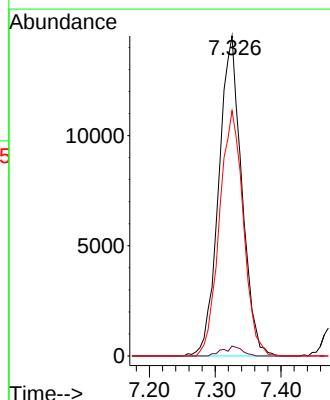
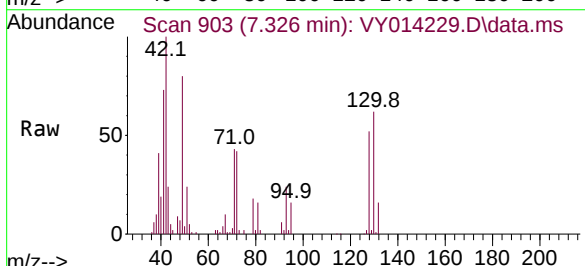
RT: 7.326 min Scan# 903

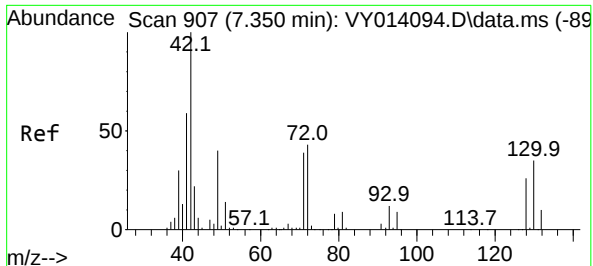
Delta R.T. -0.005 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Tgt Ion:	49	Resp:	35346
Ion Ratio	Lower	Upper	
49	100		
129	2.6	0.0	4.6
130	79.5	60.7	91.1





#29

Tetrahydrofuran

Concen: 89.751 ug/l

RT: 7.338 min Scan# 907

Delta R.T. -0.012 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tgt Ion: 42 Resp: 63144

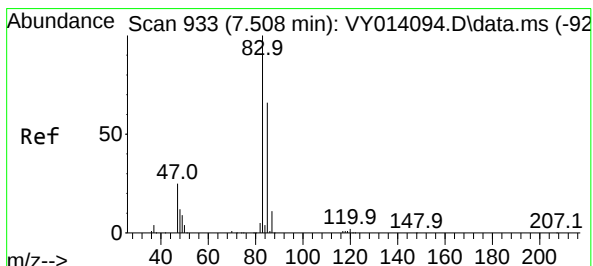
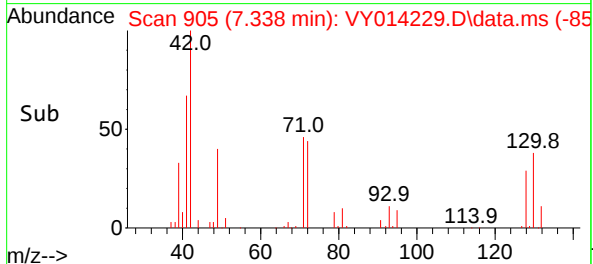
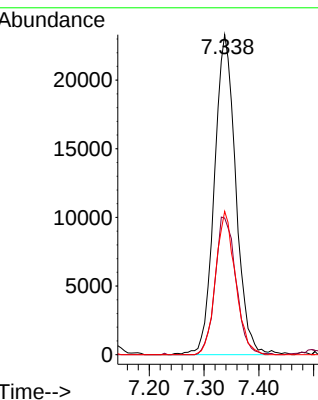
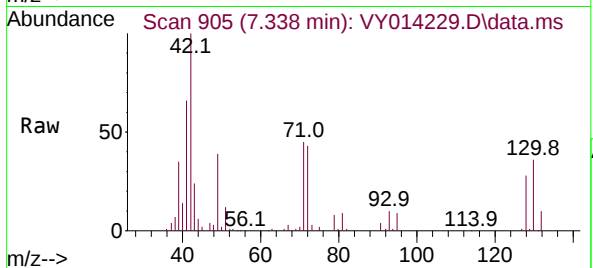
Ion	Ratio	Lower	Upper
42	100		
72	42.0	32.8	49.2
71	41.6	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#30

Chloroform

Concen: 18.573 ug/l

RT: 7.496 min Scan# 931

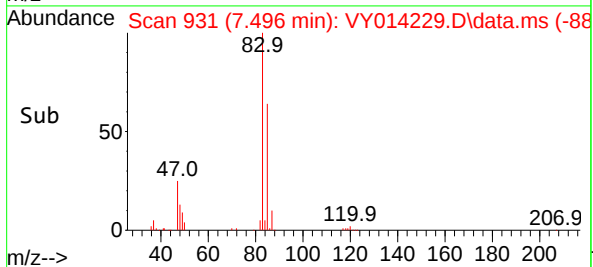
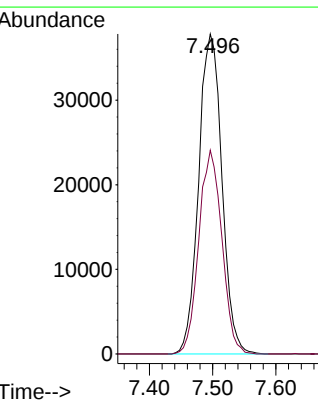
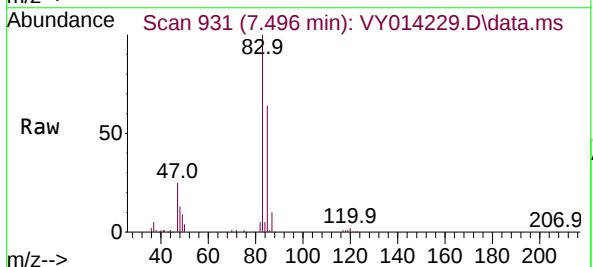
Delta R.T. -0.012 min

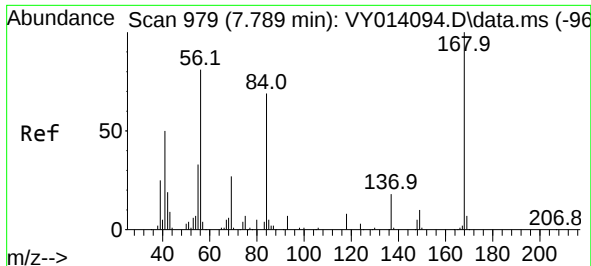
Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Tgt Ion: 83 Resp: 96669

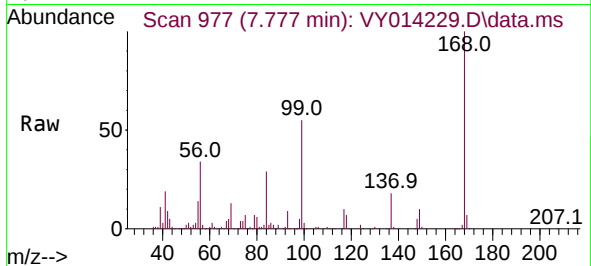
Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.7	74.5





#31
Cyclohexane
Concen: 19.019 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

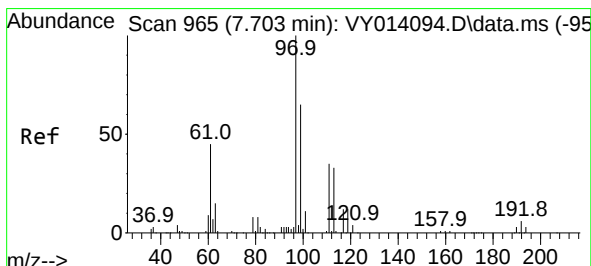
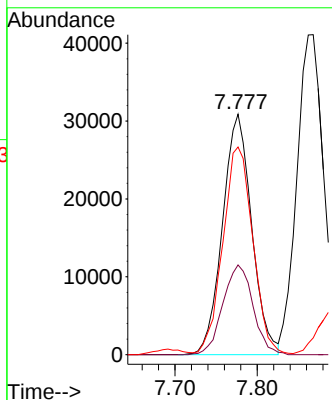
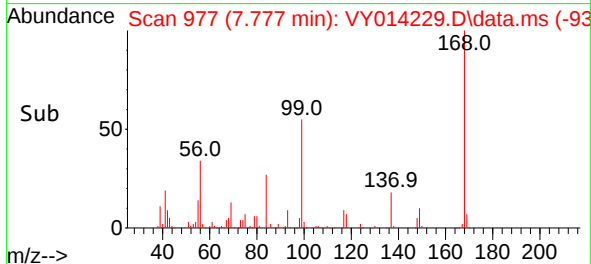
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



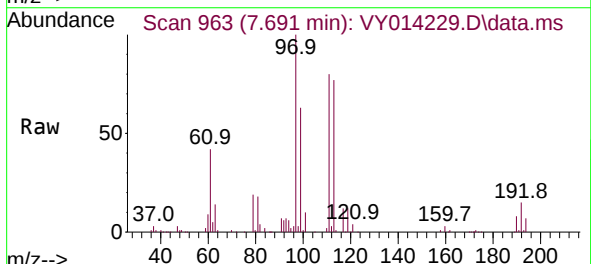
Tgt Ion: 56 Resp: 7618
Ion Ratio Lower Upper
56 100
69 37.3 27.8 41.6
84 84.3 66.4 99.6

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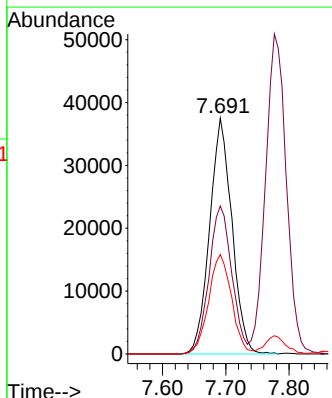
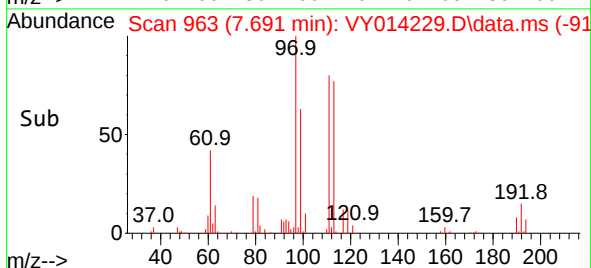
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

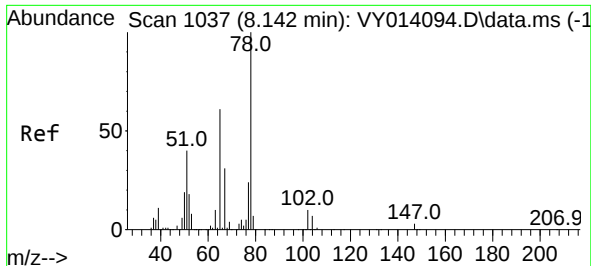


#32
1,1,1-Trichloroethane
Concen: 19.579 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23



Tgt Ion: 97 Resp: 91911
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 43.5 35.1 52.7





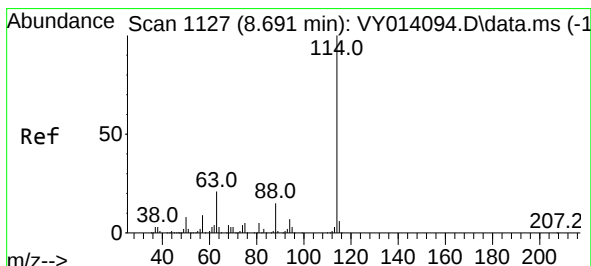
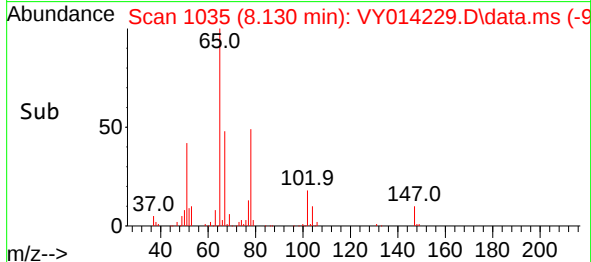
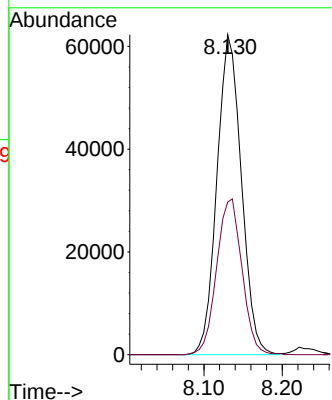
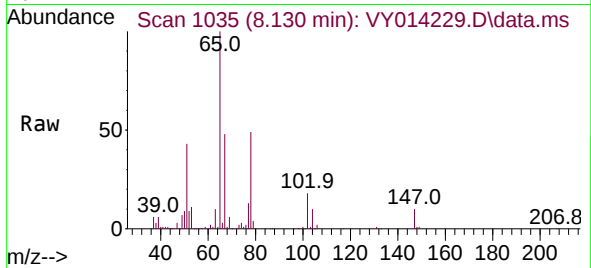
#33
1,2-Dichloroethane-d4
Concen: 45.197 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 65 Resp: 13514
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

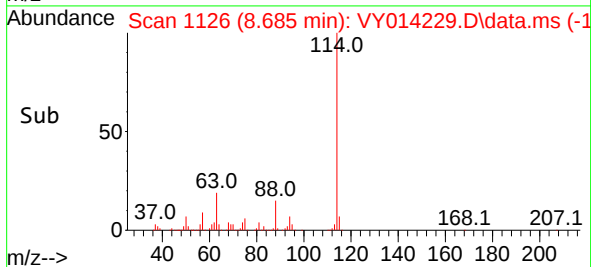
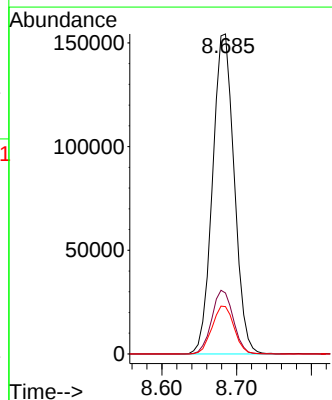
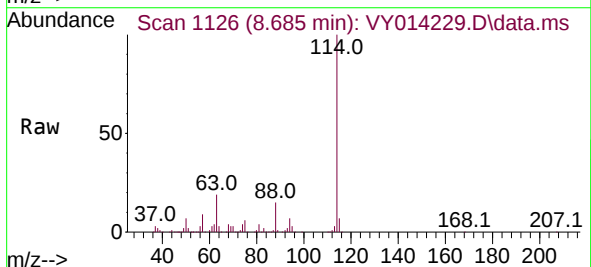
Manual Integrations
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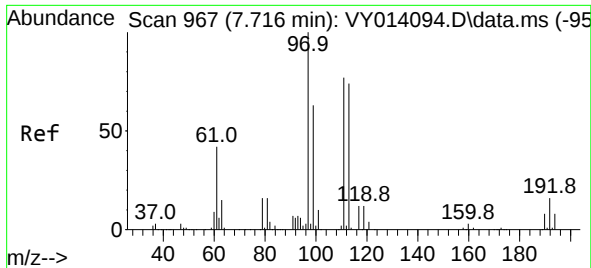
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

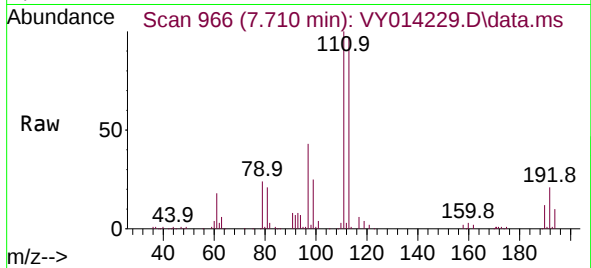
Tgt Ion:114 Resp: 310805
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 14.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.781 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

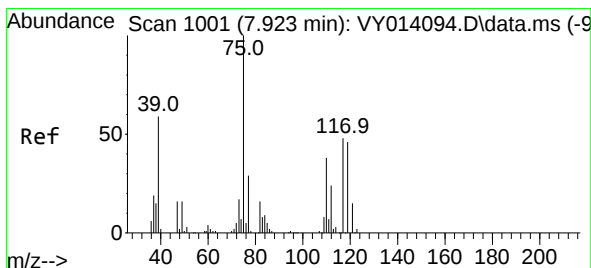
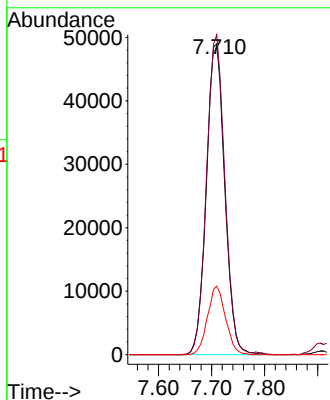
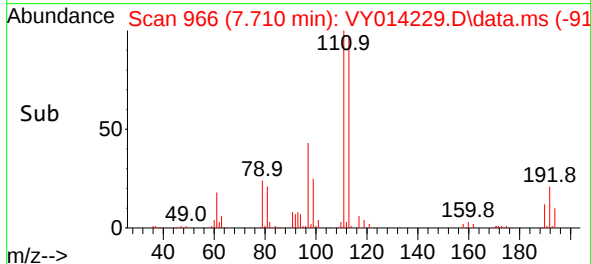
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



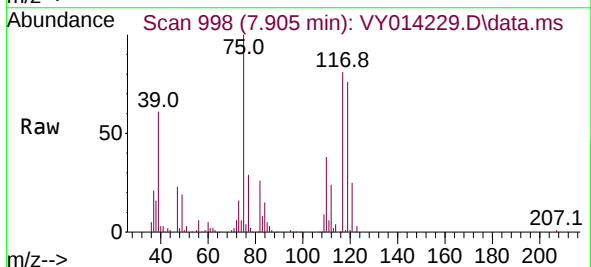
Tgt Ion: 113 Resp: 11854
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 21.5 16.9 25.3

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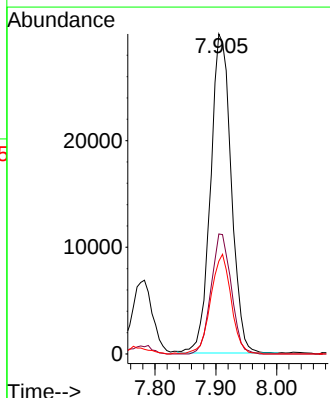
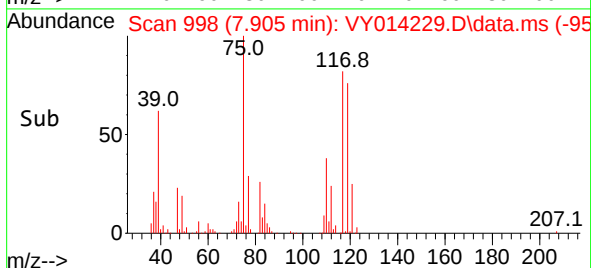
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

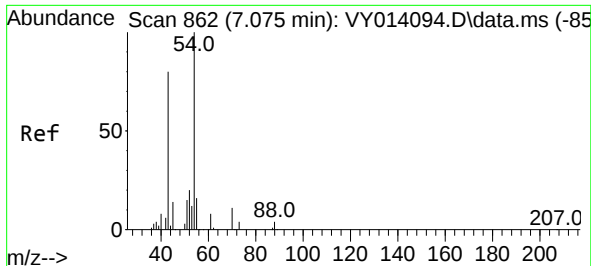


#36
1,1-Dichloropropene
Concen: 20.504 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.018 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23



Tgt Ion: 75 Resp: 70459
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 31.1 24.4 36.6





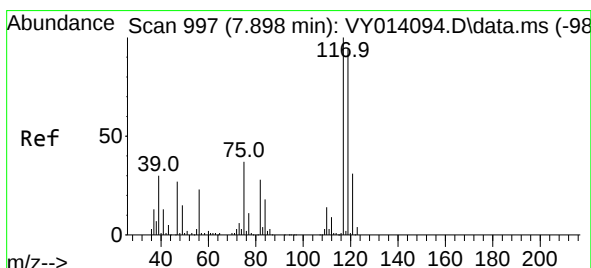
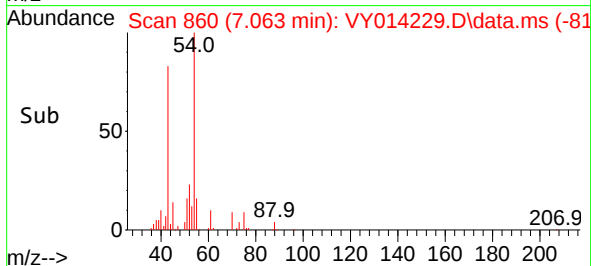
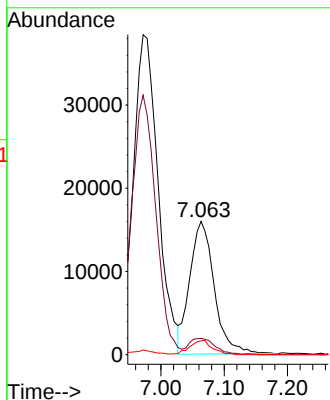
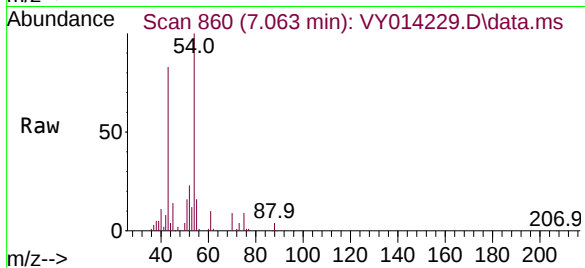
#37
Ethyl Acetate
Concen: 18.193 ug/l
RT: 7.063 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 43 Resp: 43130
Ion Ratio Lower Upper
43 100
61 12.4 10.1 15.1
70 9.9 7.1 10.7

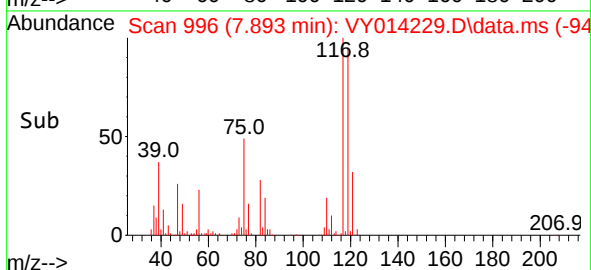
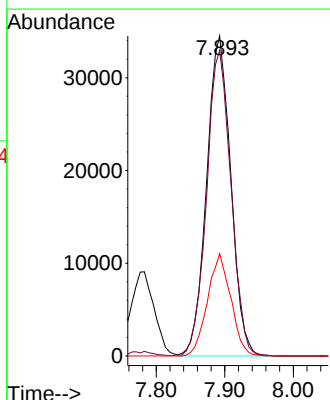
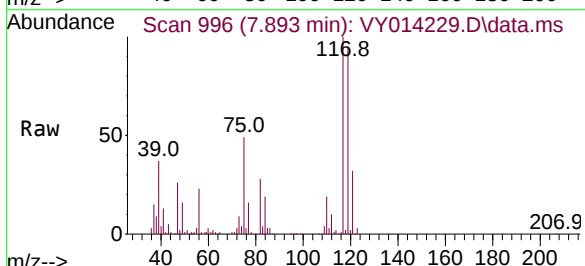
Manual Integrations
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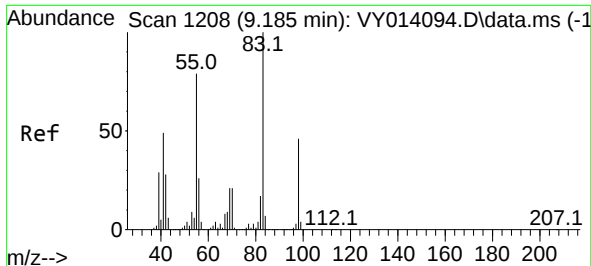
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#38
Carbon Tetrachloride
Concen: 21.335 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.005 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion:117 Resp: 84604
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 32.0 25.8 38.6





#39

Methylcyclohexane

Concen: 20.557 ug/l

RT: 9.179 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

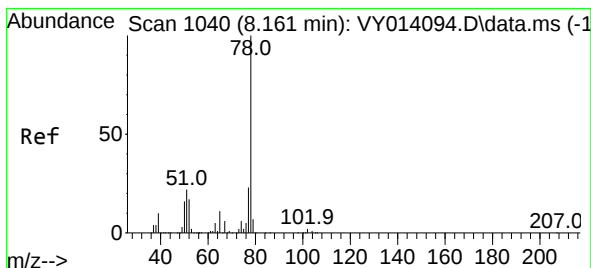
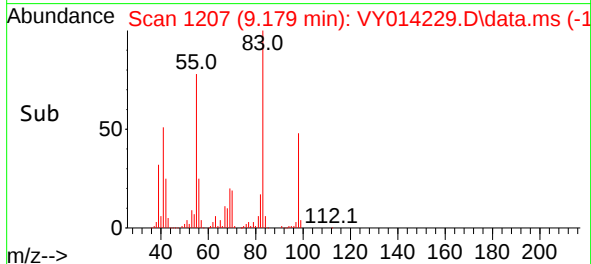
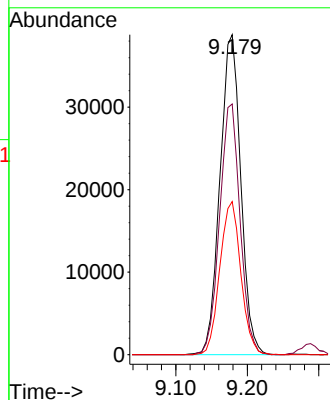
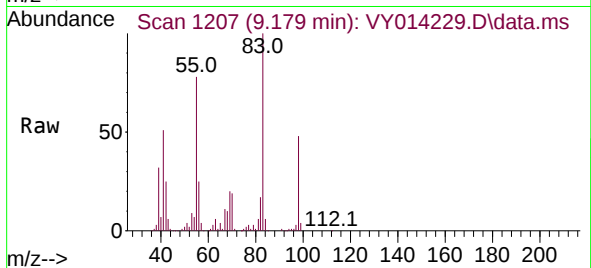
Tgt Ion:	83	Resp:	7837
Ion Ratio	Lower	Upper	
83	100		
55	78.3	63.0	94.4
98	47.9	37.4	56.2

Manual Integrations

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Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#40

Benzene

Concen: 19.356 ug/l

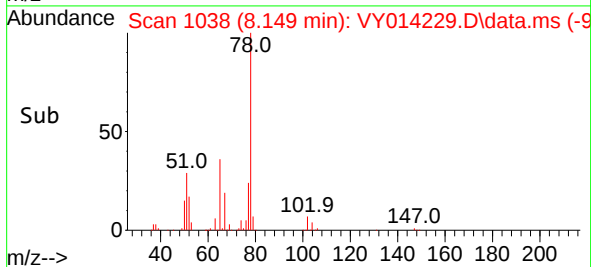
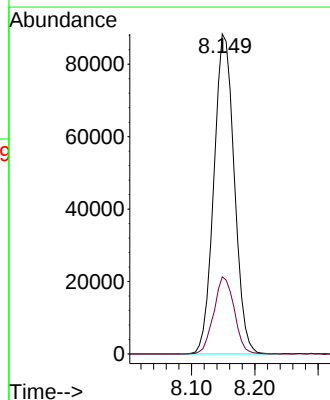
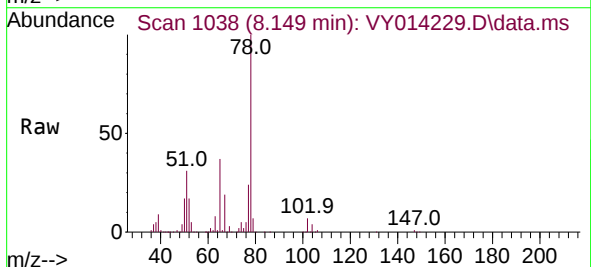
RT: 8.149 min Scan# 1038

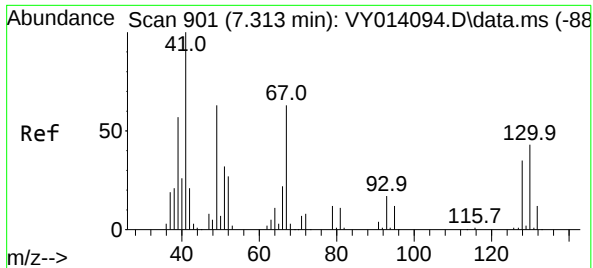
Delta R.T. -0.012 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Tgt Ion:	78	Resp:	197785
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.0	28.6





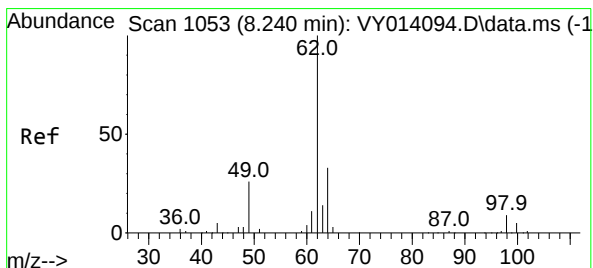
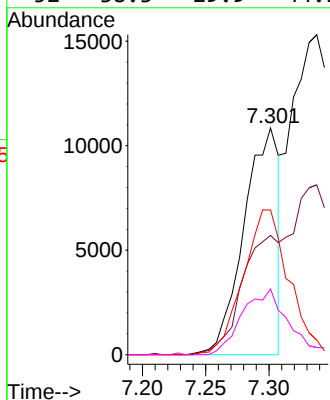
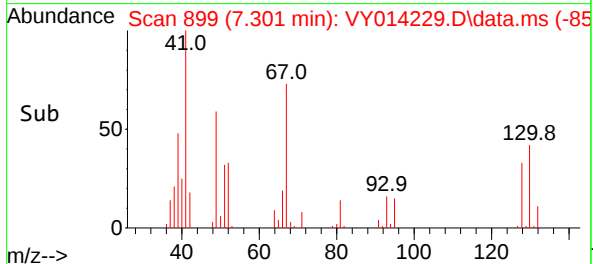
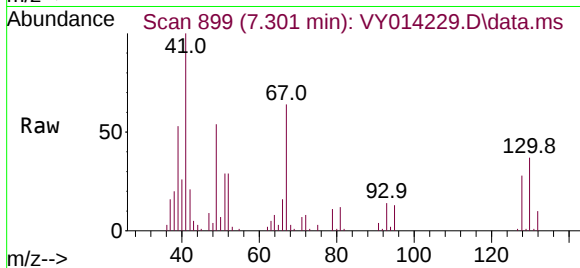
#41
Methacrylonitrile
Concen: 17.320 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 41 Resp: 20958
Ion Ratio Lower Upper
41 100
39 56.1 52.1 78.1
67 83.3 66.2 99.2
52 38.3 29.9 44.9

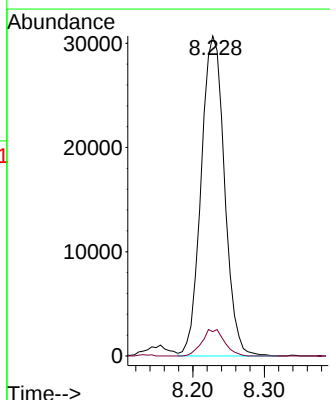
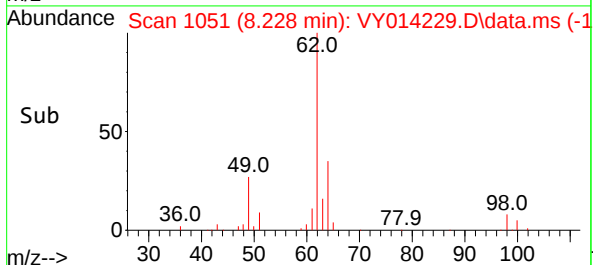
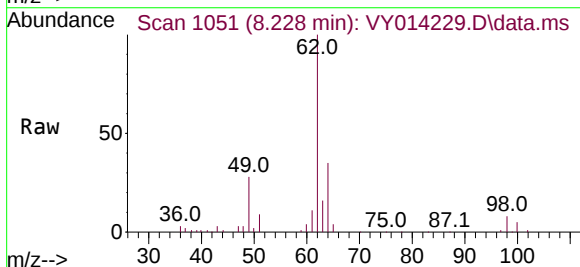
Manual Integrations
APPROVED

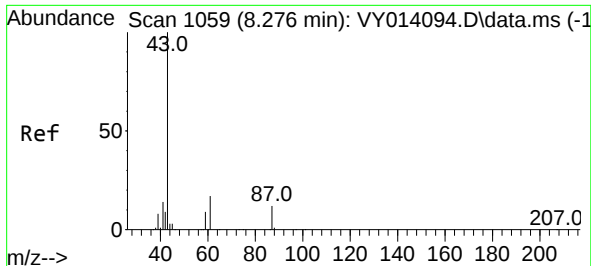
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#42
1,2-Dichloroethane
Concen: 19.281 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

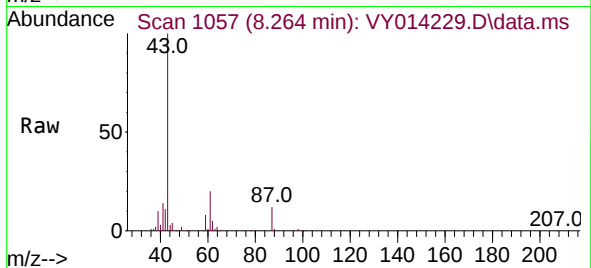
Tgt Ion: 62 Resp: 69672
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 18.979 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

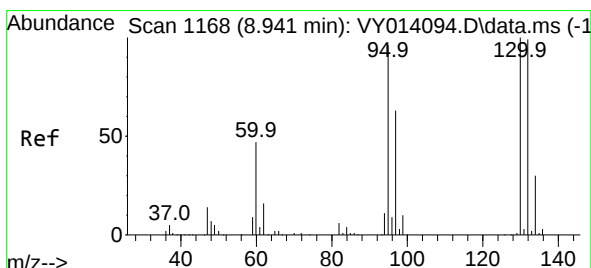
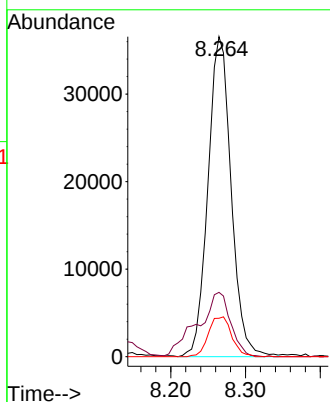
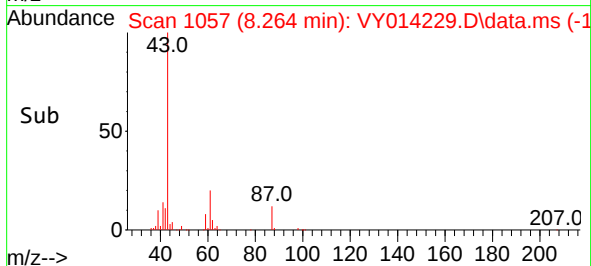
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 43 Resp: 78869
Ion Ratio Lower Upper
43 100
61 28.5 21.1 31.7
87 12.5 9.8 14.8

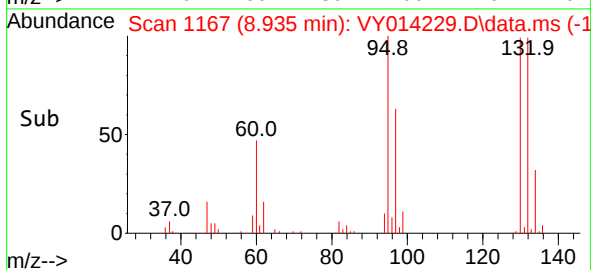
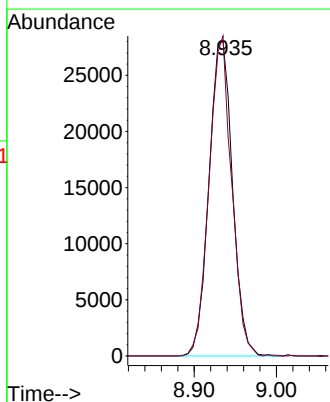
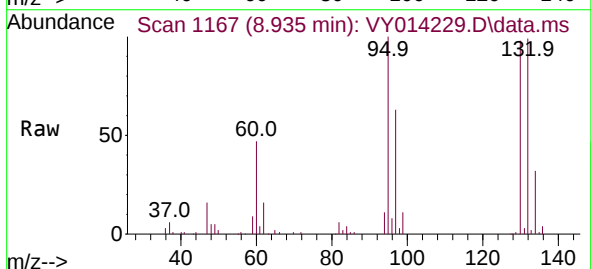
Manual Integrations
APPROVED

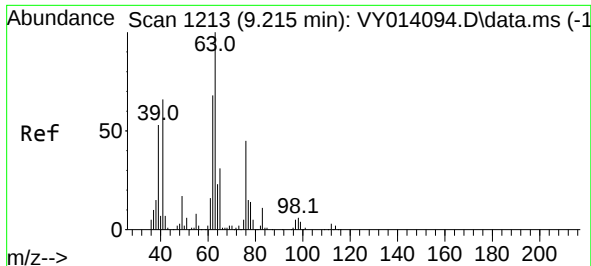
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#44
Trichloroethene
Concen: 20.442 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion:130 Resp: 55807
Ion Ratio Lower Upper
130 100
95 101.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.077 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tgt Ion: 63 Resp: 4951

Ion Ratio Lower Upper

63 100

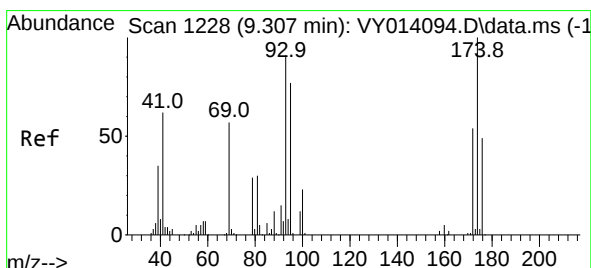
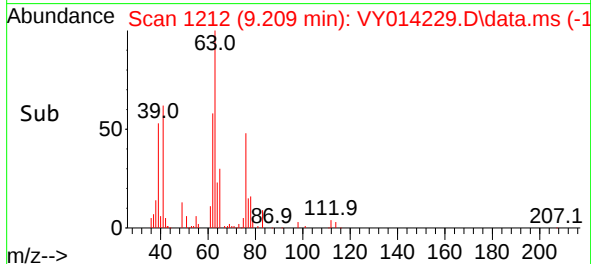
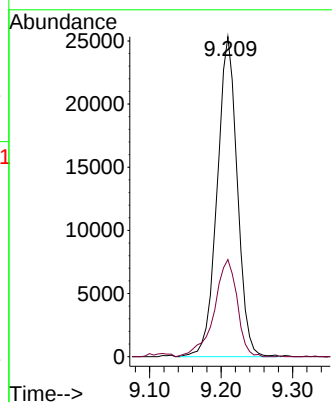
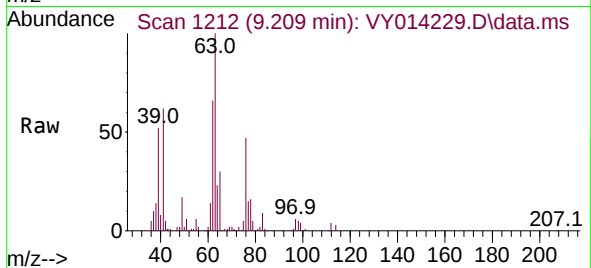
65 30.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#46

Dibromomethane

Concen: 18.806 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

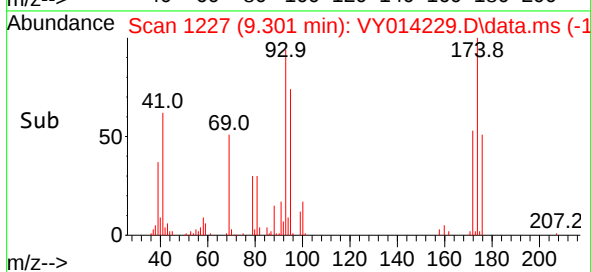
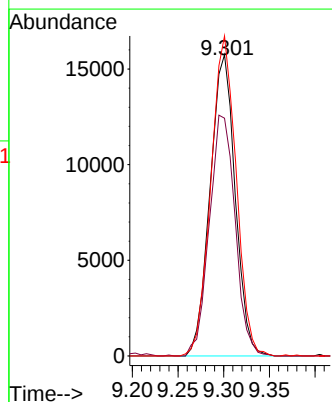
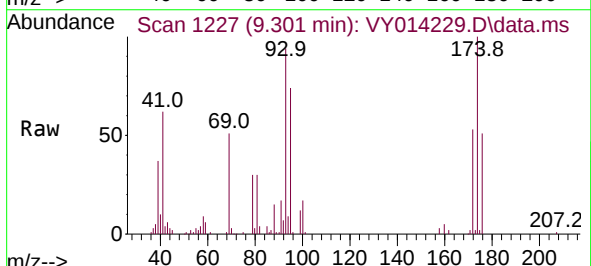
Tgt Ion: 93 Resp: 30045

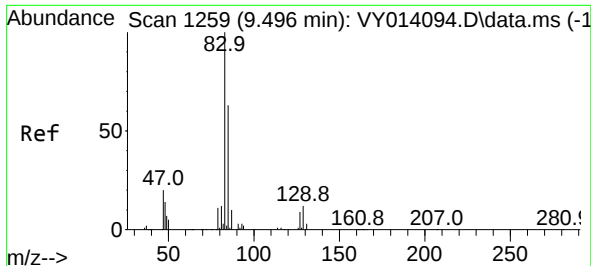
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

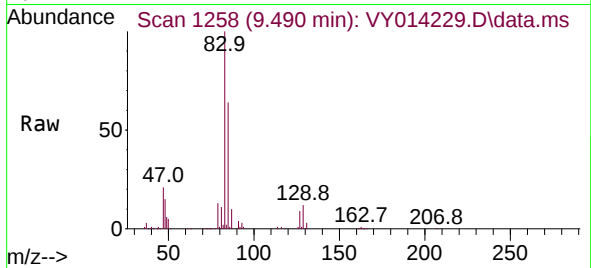
174 107.0 84.8 127.2





#47
Bromodichloromethane
Concen: 19.493 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

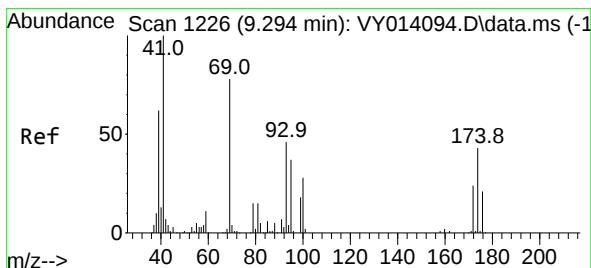
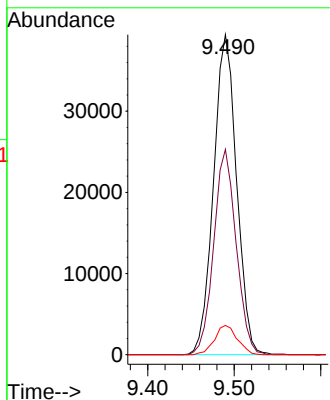
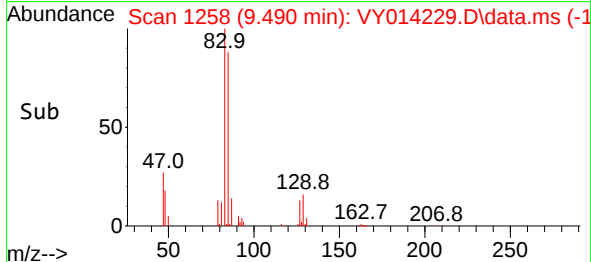
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



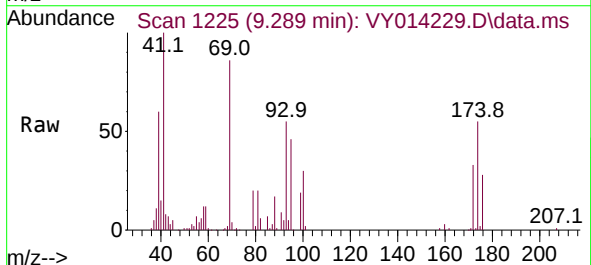
Tgt Ion: 83 Resp: 72918
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 9.2 7.1 10.7

Manual Integrations
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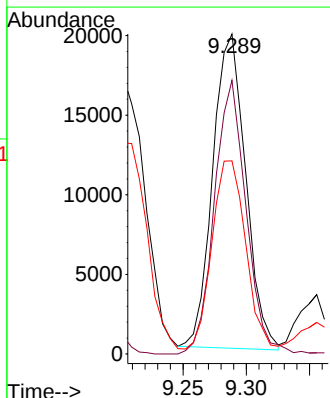
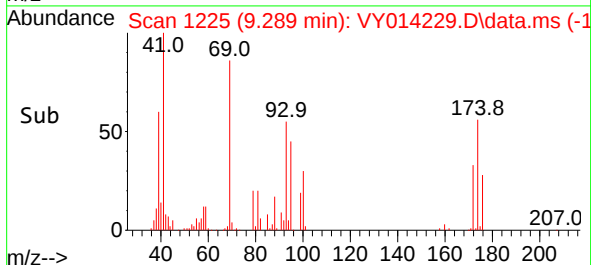
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

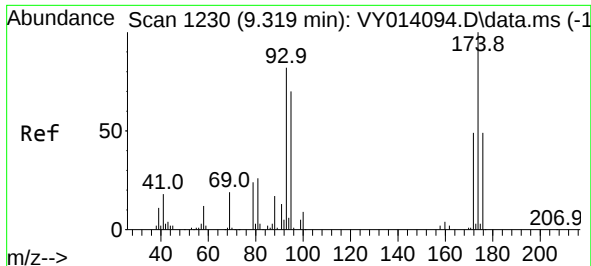


#48
Methyl methacrylate
Concen: 18.396 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23



Tgt Ion: 41 Resp: 35656
Ion Ratio Lower Upper
41 100
69 84.2 64.5 96.7
39 61.8 50.8 76.2





#49

1,4-Dioxane

Concen: 426.693 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.024 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

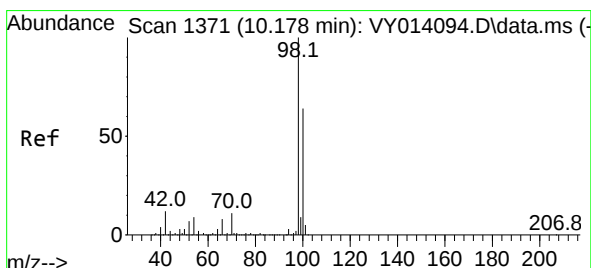
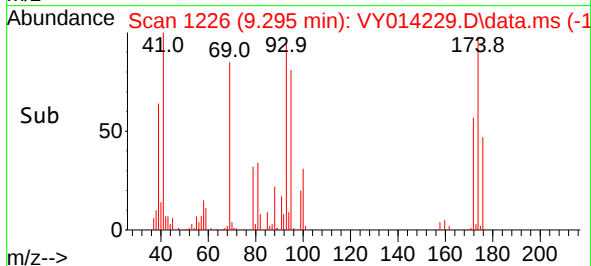
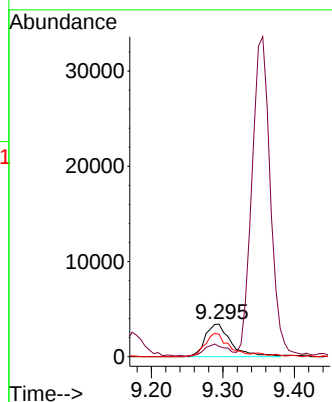
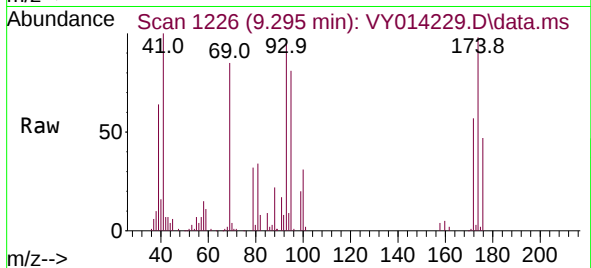
Tgt Ion: 88 Resp: 866
 Ion Ratio Lower Upper
 88 100
 43 34.6 0.0 0.0
 58 64.5 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#50

Toluene-d8

Concen: 49.533 ug/l

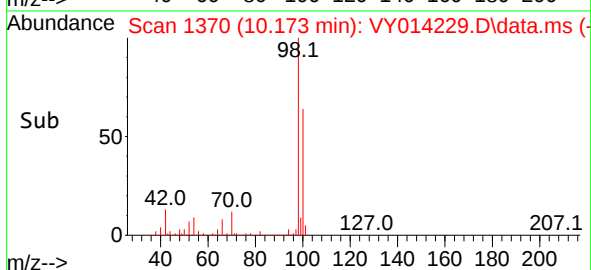
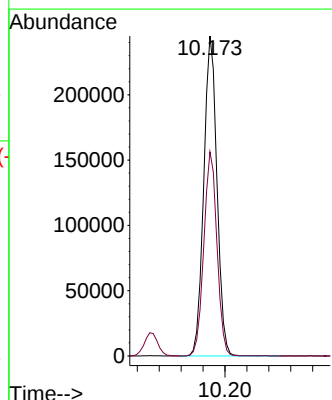
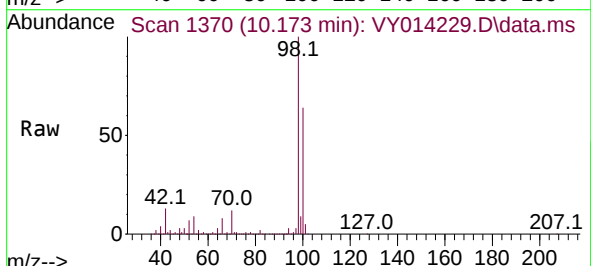
RT: 10.173 min Scan# 1370

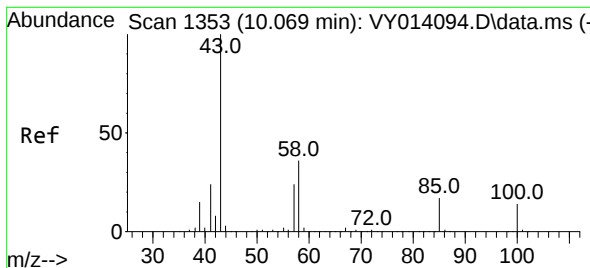
Delta R.T. -0.005 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Tgt Ion: 98 Resp: 408173
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.1 75.1





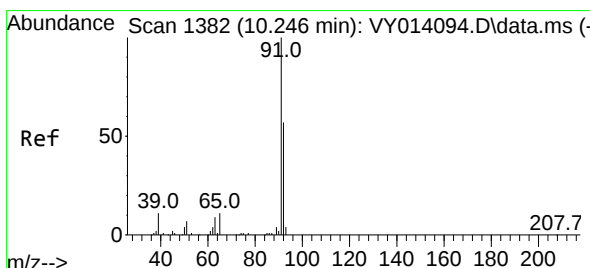
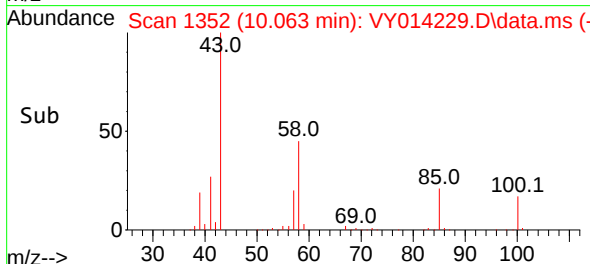
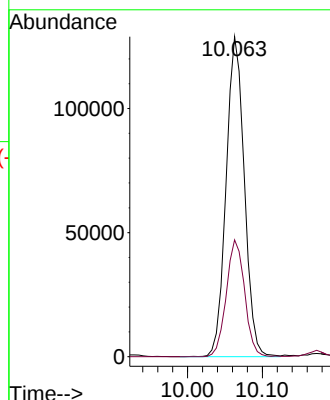
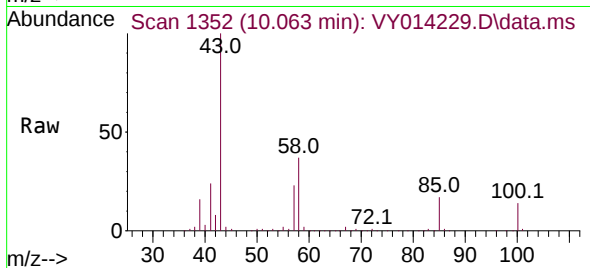
#51
4-Methyl-2-Pentanone
Concen: 97.078 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 43 Resp: 21917
Ion Ratio Lower Upper
43 100
58 36.7 29.0 43.6

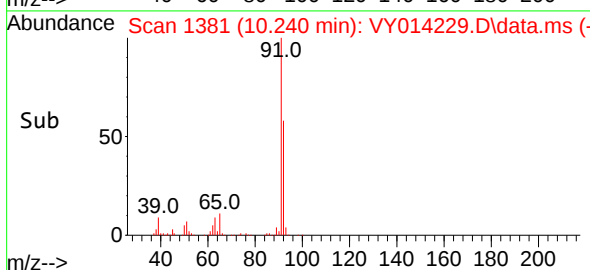
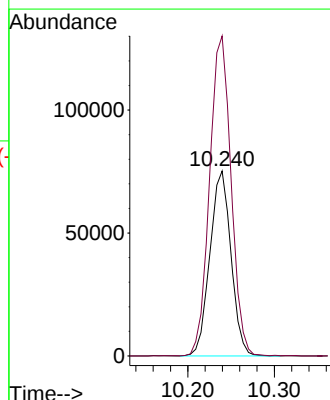
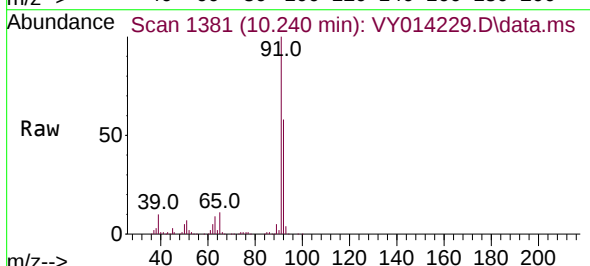
Manual Integrations
APPROVED

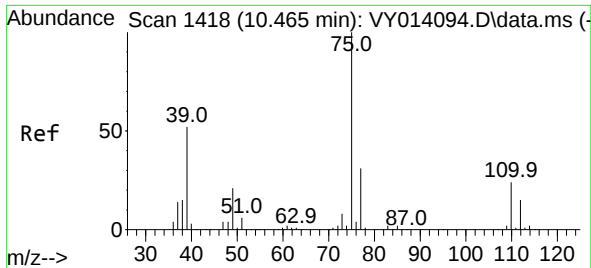
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#52
Toluene
Concen: 20.078 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion: 92 Resp: 127180
Ion Ratio Lower Upper
92 100
91 176.5 143.8 215.6





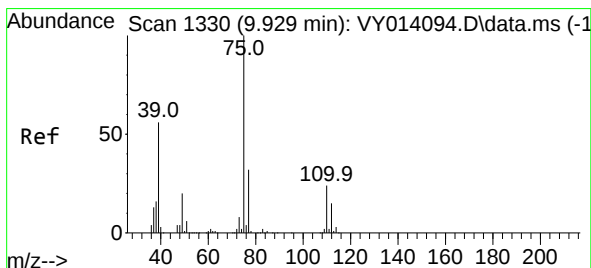
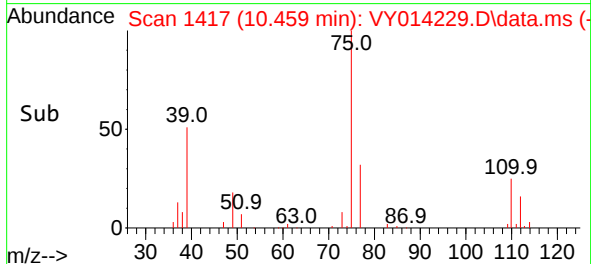
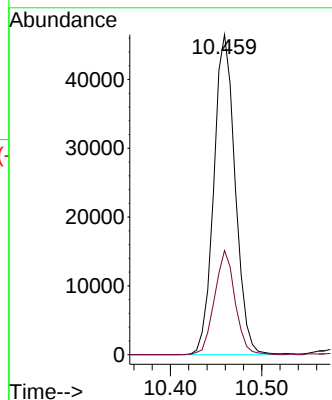
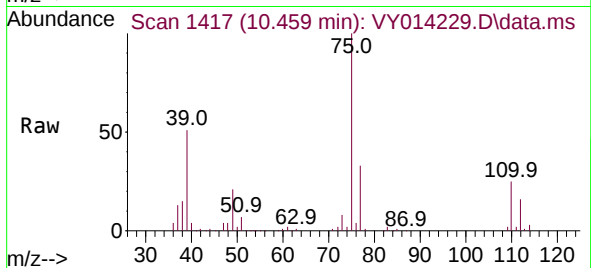
#53
 t-1,3-Dichloropropene
 Concen: 19.174 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY014229.D
 Acq: 19 Jun 2023 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tgt Ion: 75 Resp: 7550
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.4

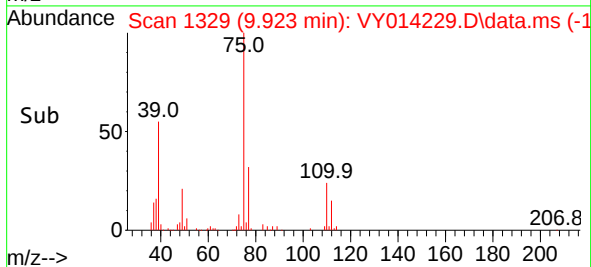
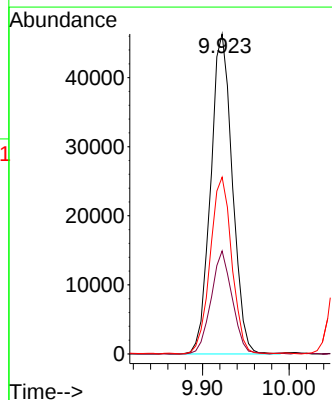
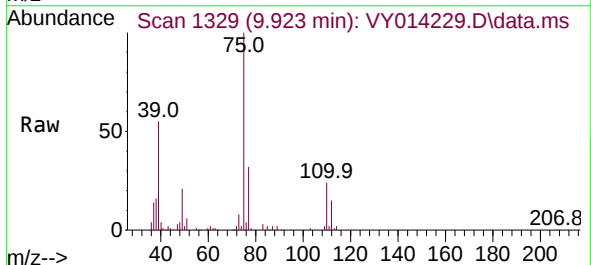
Manual Integrations
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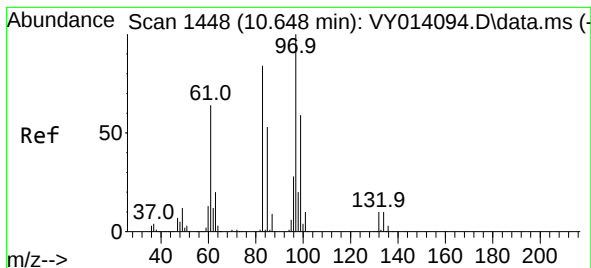
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.768 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY014229.D
 Acq: 19 Jun 2023 15:23

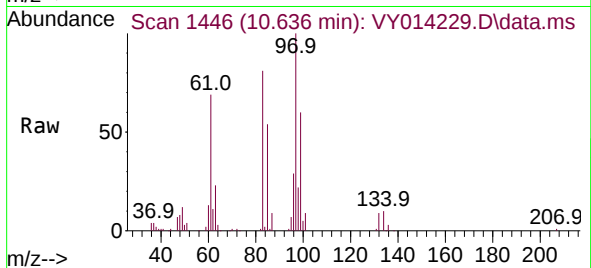
Tgt Ion: 75 Resp: 80638
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.2 36.4
 39 55.3 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 19.760 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

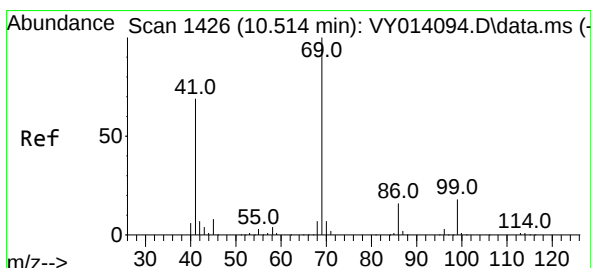
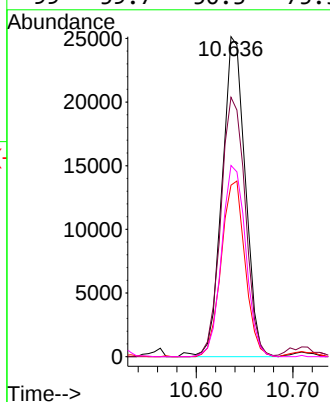
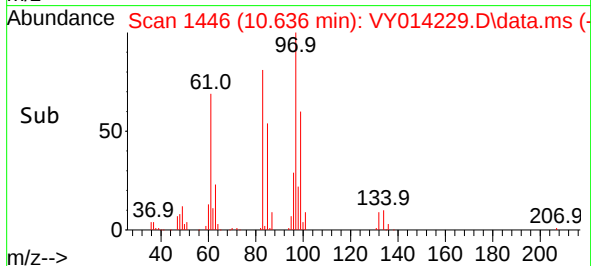
Instrument : MSVOA_Y
ClientSampleId : VY0619SBS01



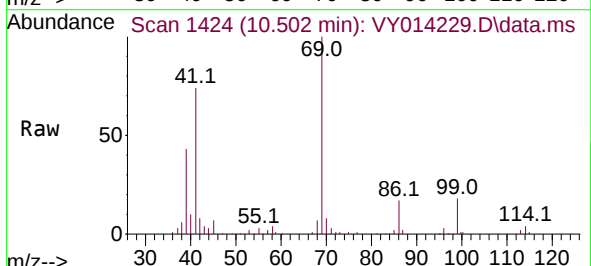
Tgt Ion: 97 Resp: 4187
Ion Ratio Lower Upper
97 100
83 81.0 72.0 108.0
85 53.6 45.4 68.0
99 59.7 50.3 75.5

Manual Integrations
APPROVED

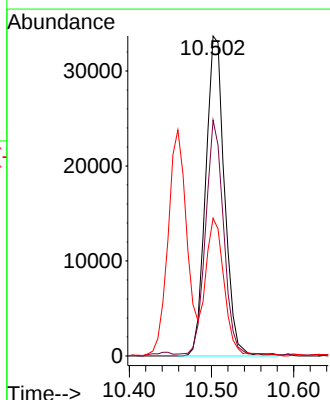
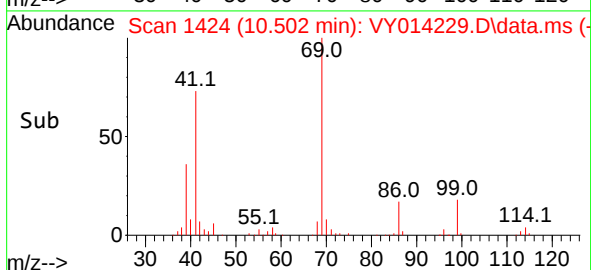
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

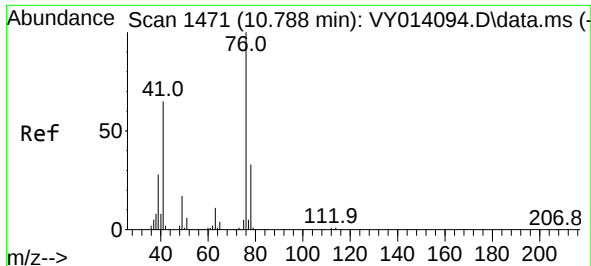


#56
Ethyl methacrylate
Concen: 18.331 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23



Tgt Ion: 69 Resp: 53578
Ion Ratio Lower Upper
69 100
41 70.5 57.6 86.4
39 42.2 34.1 51.1





#57

1,3-Dichloropropane

Concen: 19.128 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tgt Ion: 76 Resp: 6932

Ion Ratio Lower Upper

76 100

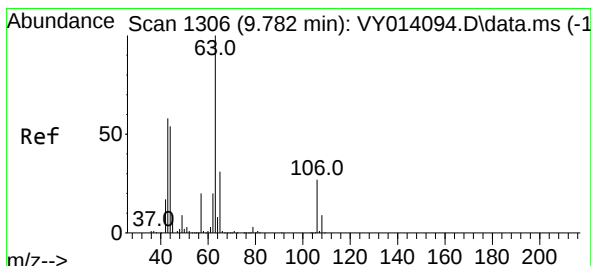
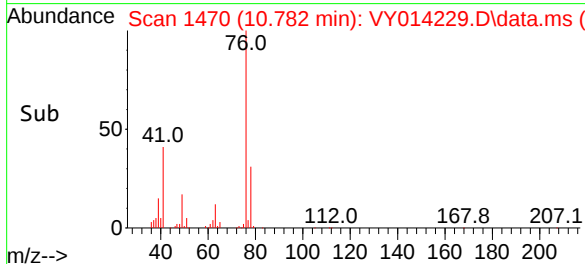
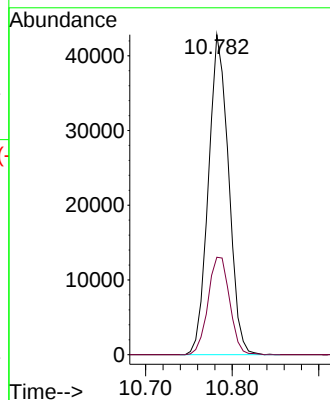
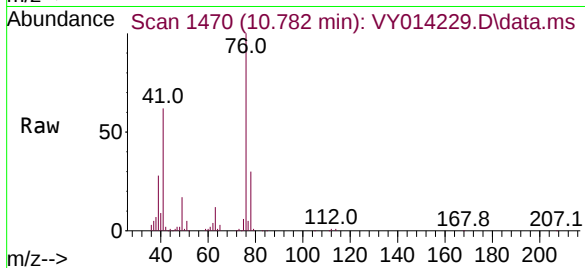
78 32.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 76.656 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014229.D

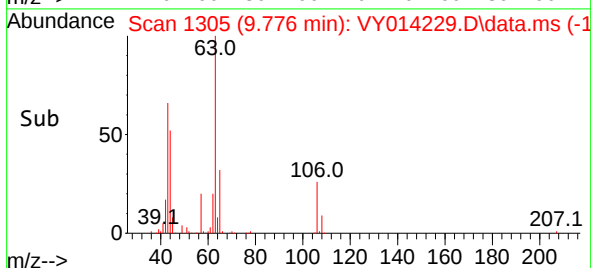
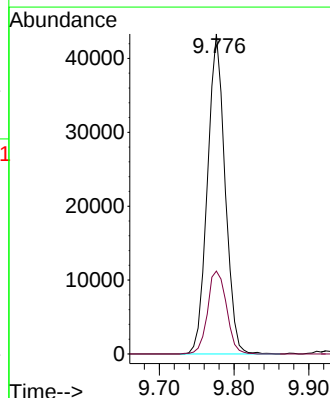
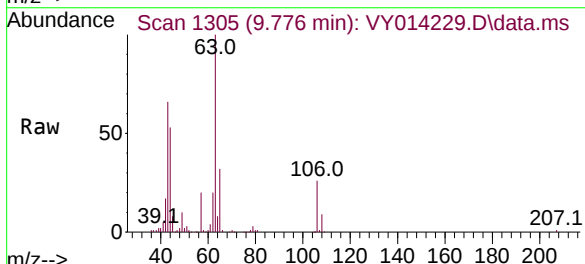
Acq: 19 Jun 2023 15:23

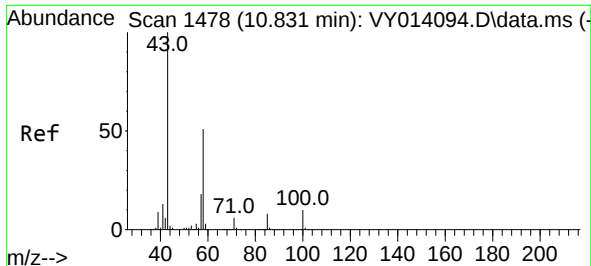
Tgt Ion: 63 Resp: 70849

Ion Ratio Lower Upper

63 100

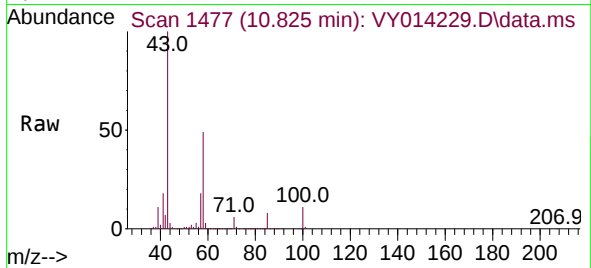
106 27.8 21.2 31.8





#59
2-Hexanone
Concen: 98.621 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

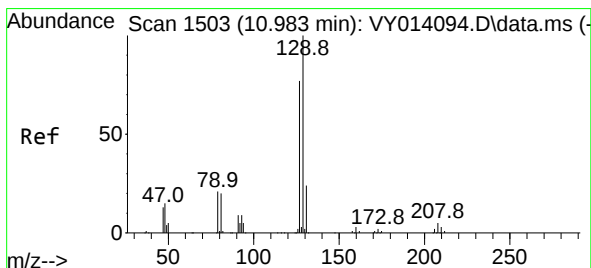
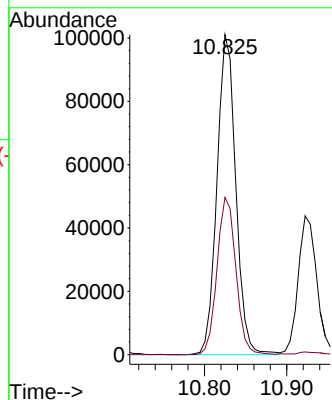
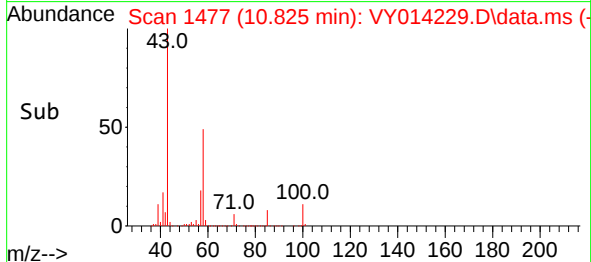
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 43 Resp: 160815
Ion Ratio Lower Upper
43 100
58 49.4 25.1 75.3

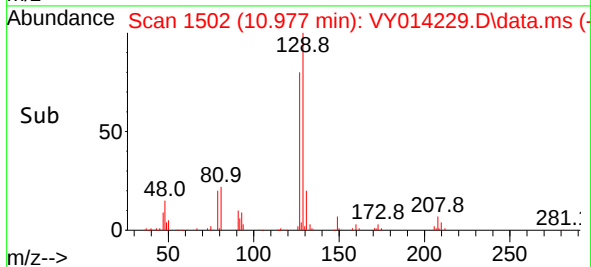
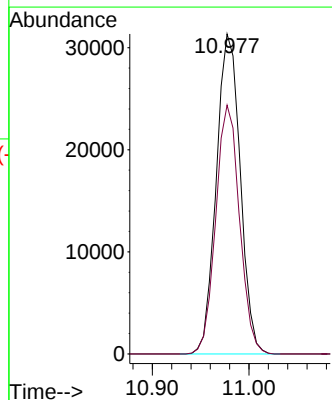
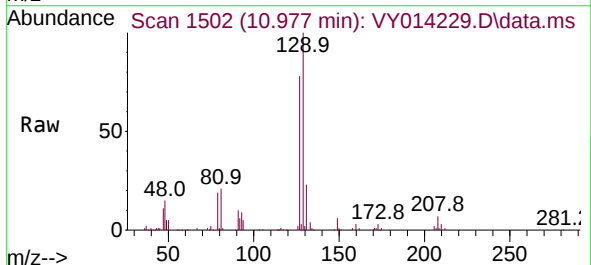
Manual Integrations
APPROVED

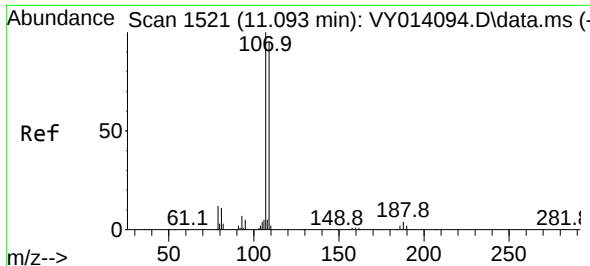
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#60
Dibromochloromethane
Concen: 19.825 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

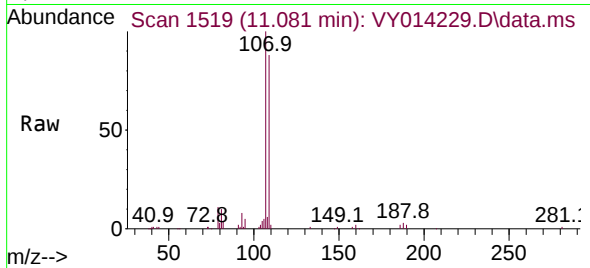
Tgt Ion:129 Resp: 53768
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.541 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.012 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

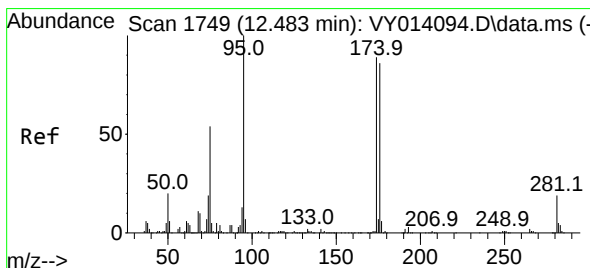
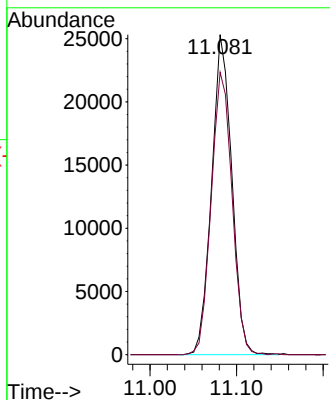
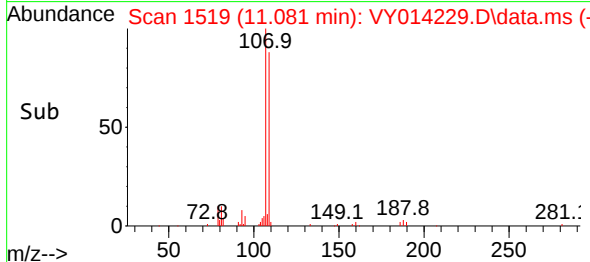
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



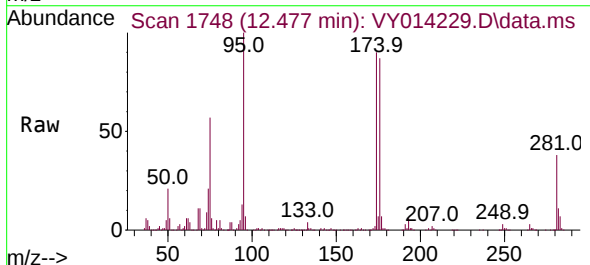
Tgt Ion:107 Resp: 40860
Ion Ratio Lower Upper
107 100
109 91.3 75.6 113.4

Manual Integrations
APPROVED

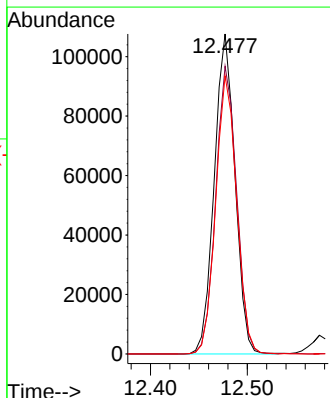
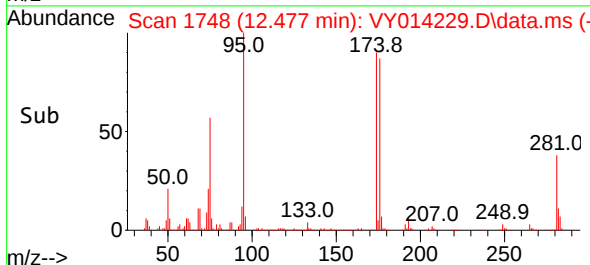
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

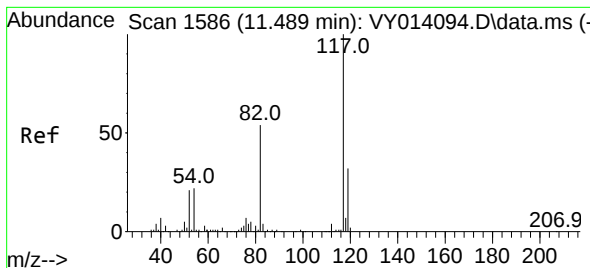


#62
4-Bromofluorobenzene
Concen: 54.568 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23



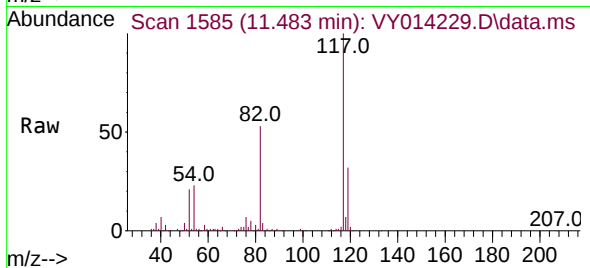
Tgt Ion: 95 Resp: 159735
Ion Ratio Lower Upper
95 100
174 90.7 0.0 178.2
176 87.8 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

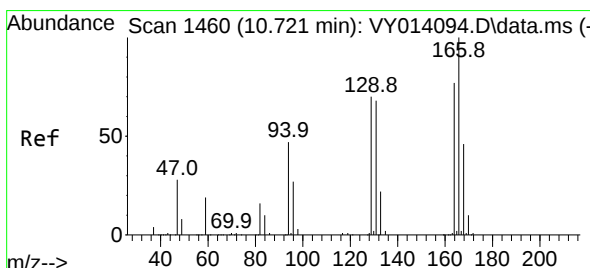
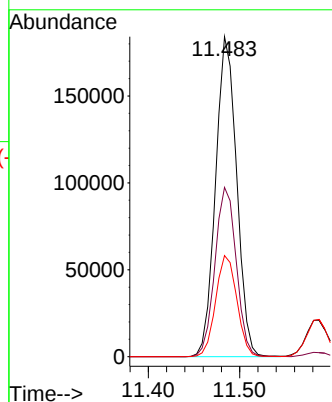
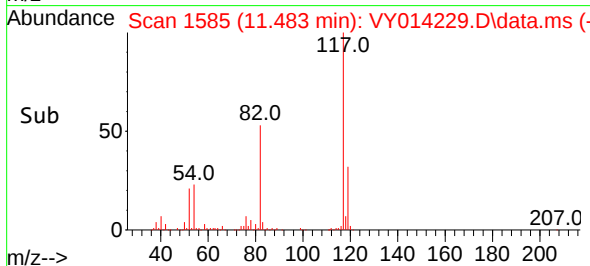
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion:117 Resp: 295210
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 31.6 26.3 39.5

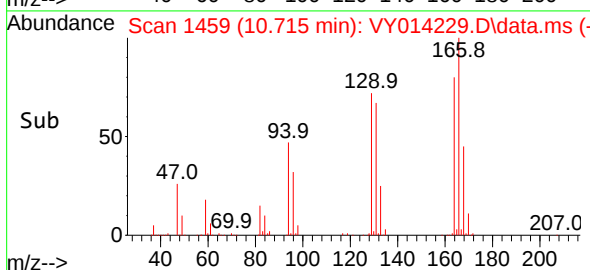
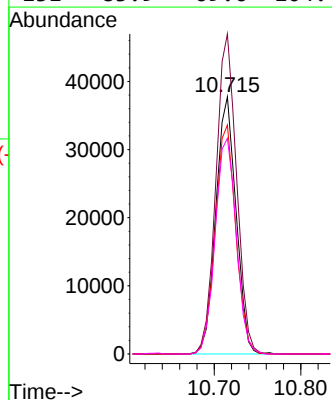
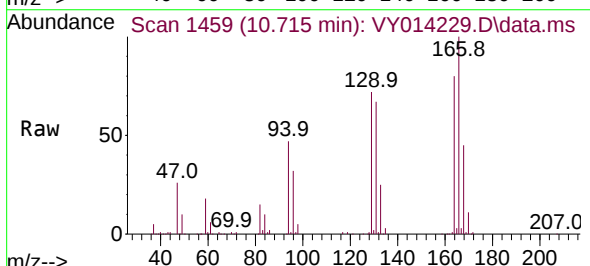
Manual Integrations
APPROVED

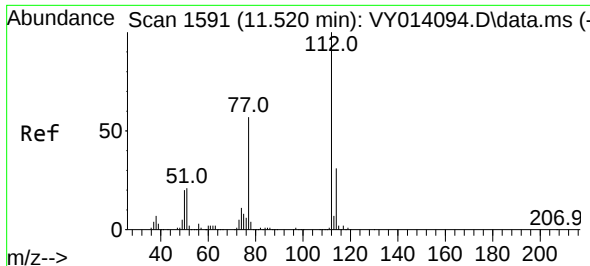
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#64
Tetrachloroethene
Concen: 24.369 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion:164 Resp: 61318
Ion Ratio Lower Upper
164 100
166 124.5 103.0 154.6
129 89.1 77.2 115.8
131 83.9 69.6 104.4





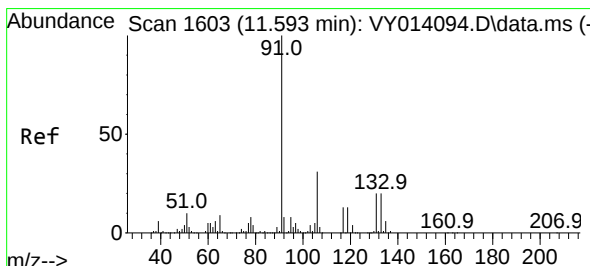
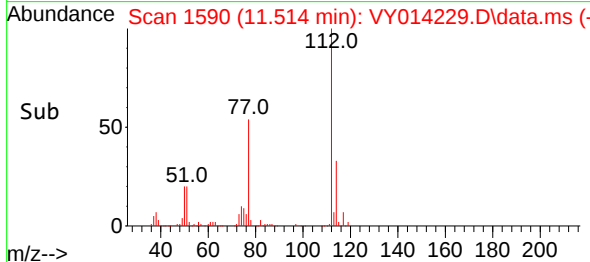
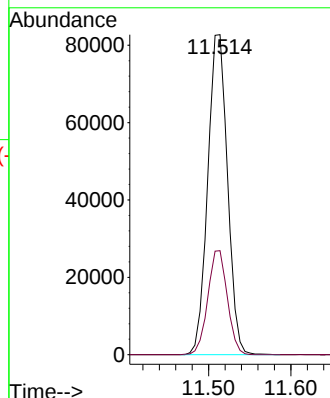
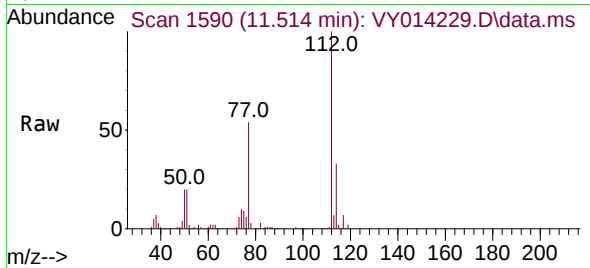
#65
Chlorobenzene
Concen: 19.459 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:112 Resp: 13803
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3

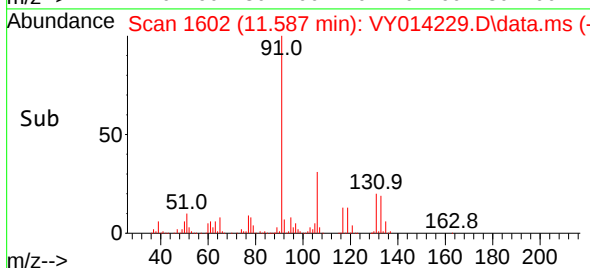
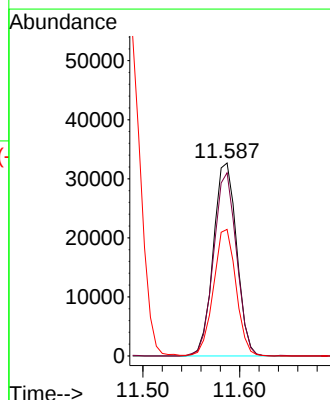
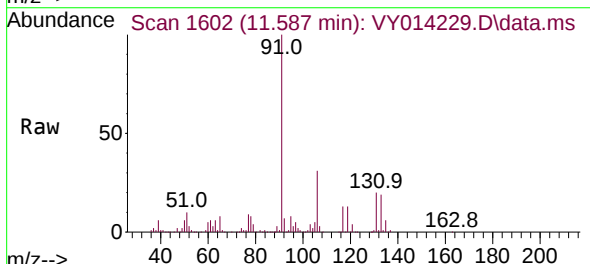
Manual Integrations
APPROVED

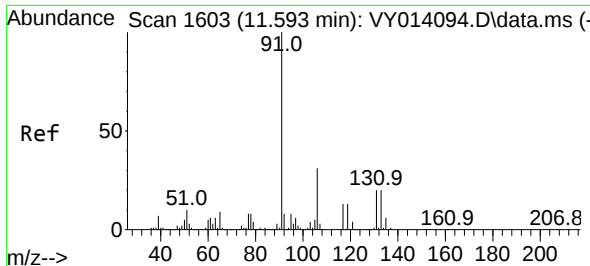
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.623 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion:131 Resp: 54748
Ion Ratio Lower Upper
131 100
133 93.4 47.5 142.6
119 63.4 31.6 94.7





#67

Ethyl Benzene

Concen: 19.624 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tgt Ion: 91 Resp: 243654

Ion Ratio Lower Upper

91 100

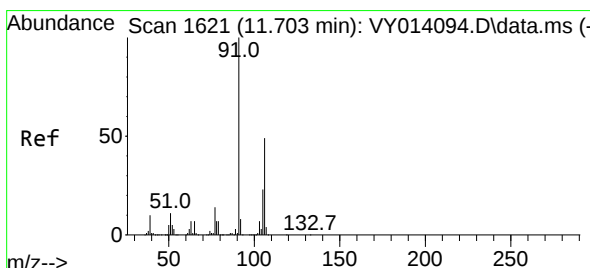
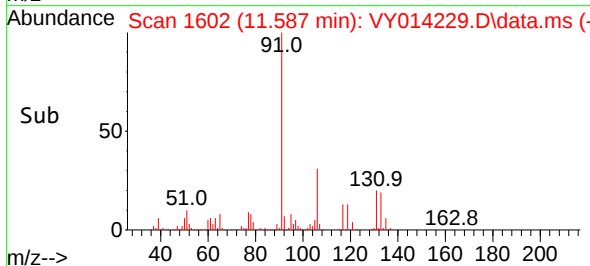
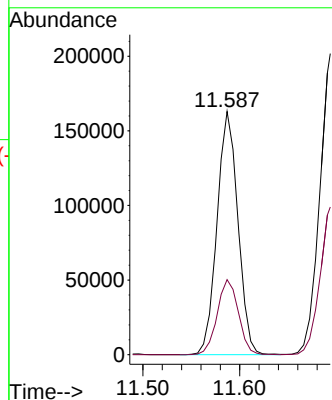
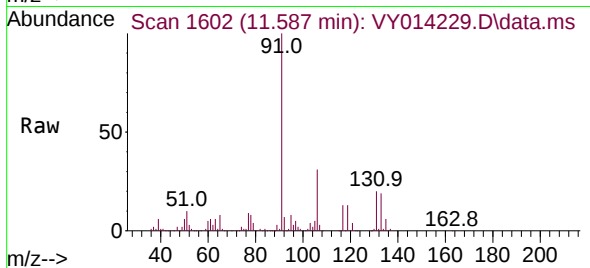
106 30.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#68

m/p-Xylenes

Concen: 39.705 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014229.D

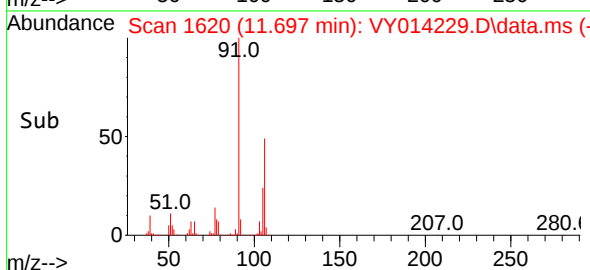
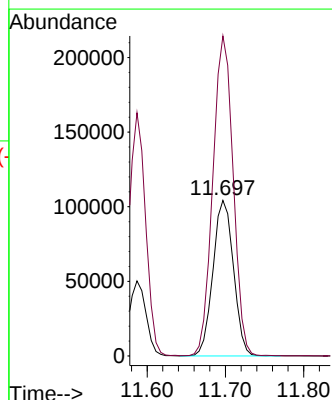
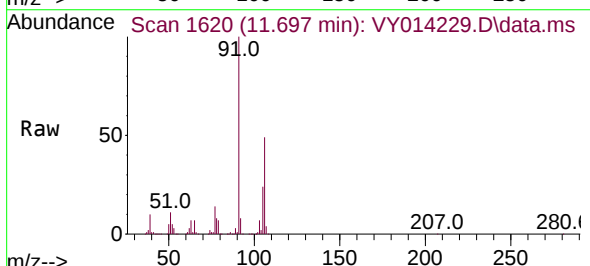
Acq: 19 Jun 2023 15:23

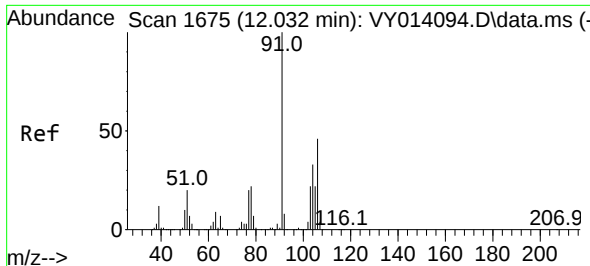
Tgt Ion:106 Resp: 189622

Ion Ratio Lower Upper

106 100

91 203.9 166.1 249.1





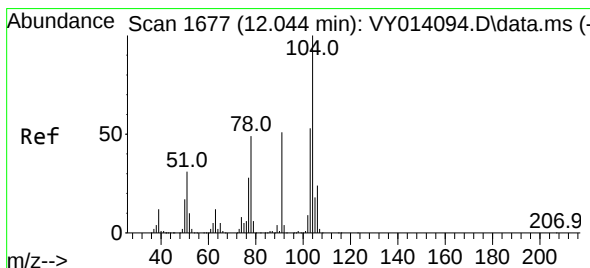
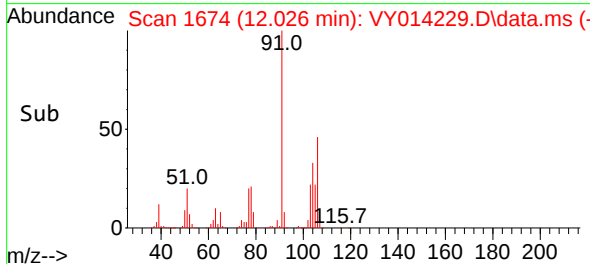
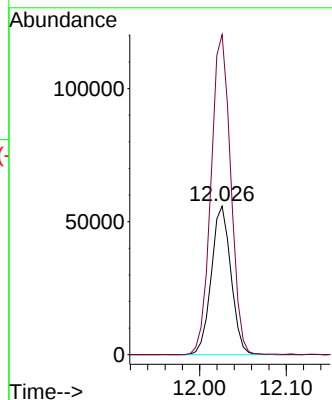
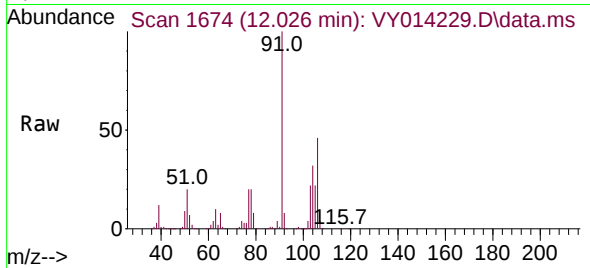
#69
o-Xylene
Concen: 19.437 ug/l
RT: 12.026 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:106 Resp: 87762
Ion Ratio Lower Upper
106 100
91 217.0 108.1 324.3

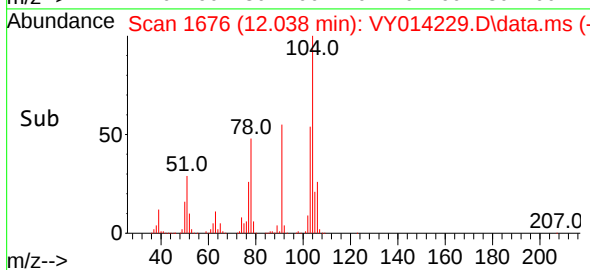
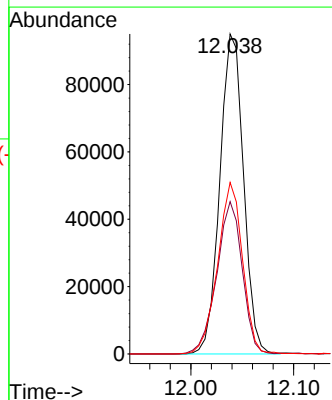
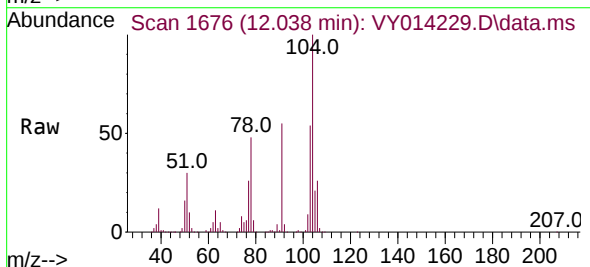
Manual Integrations
APPROVED

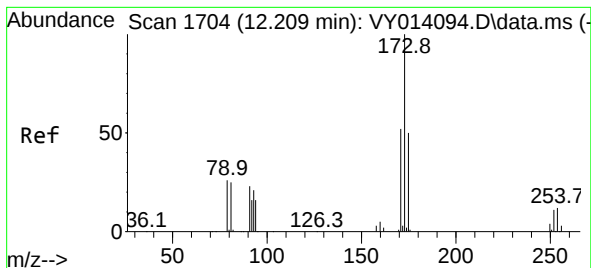
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#70
Styrene
Concen: 19.725 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion:104 Resp: 152004
Ion Ratio Lower Upper
104 100
78 51.4 41.5 62.3
103 56.5 44.6 67.0





#71

Bromoform

Concen: 19.671 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tgt Ion:173 Resp: 37580

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.8

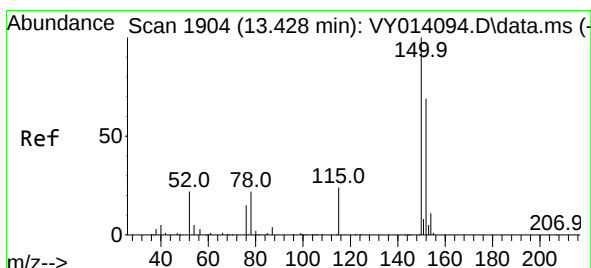
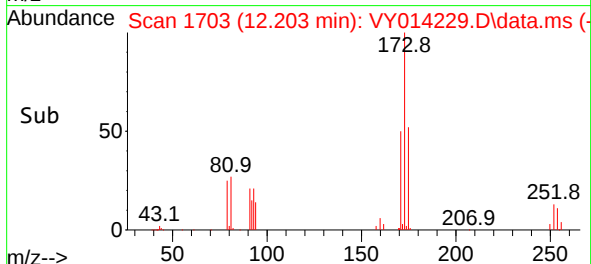
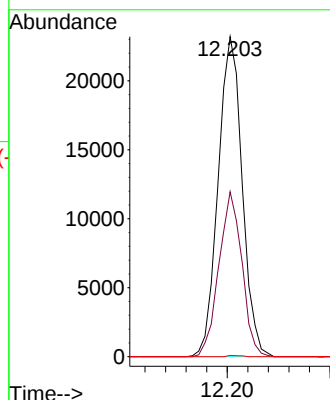
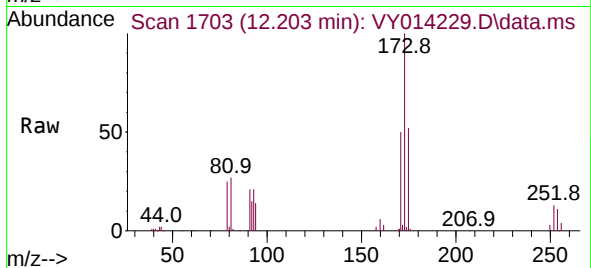
254 0.2 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

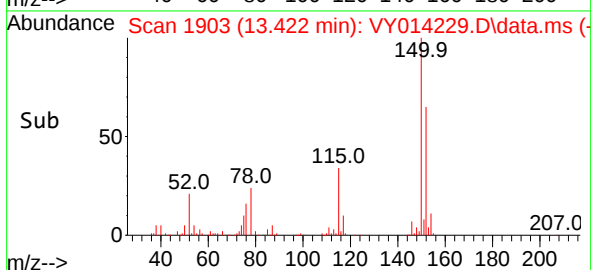
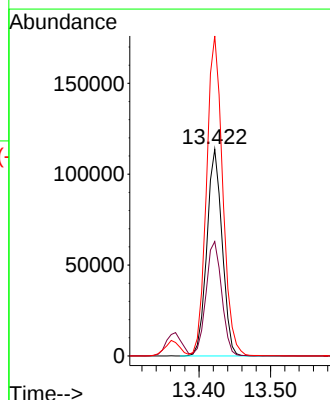
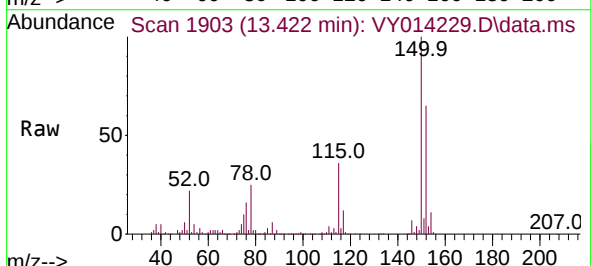
Tgt Ion:152 Resp: 168963

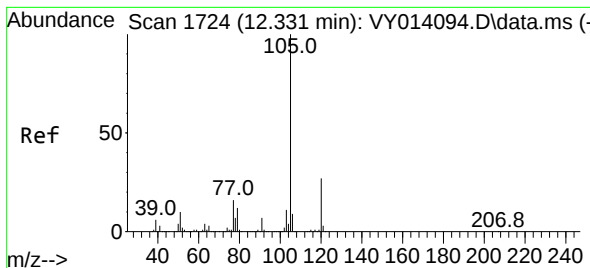
Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 163.9 0.0 348.8





#73

Isopropylbenzene

Concen: 18.834 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tgt Ion:105 Resp: 24276

Ion Ratio Lower Upper

105 100

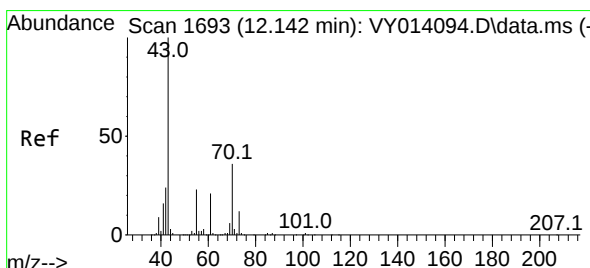
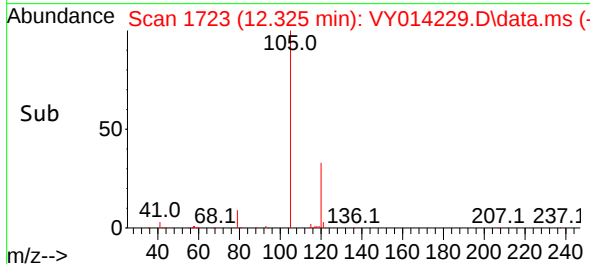
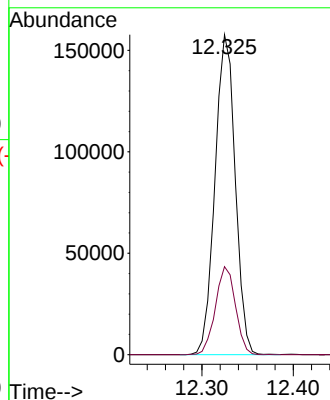
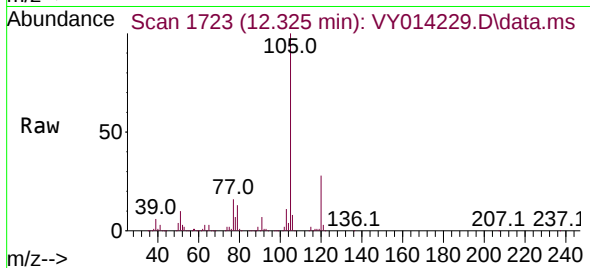
120 27.2 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#74

N-ethyl acetate

Concen: 17.375 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Tgt Ion: 43 Resp: 70969

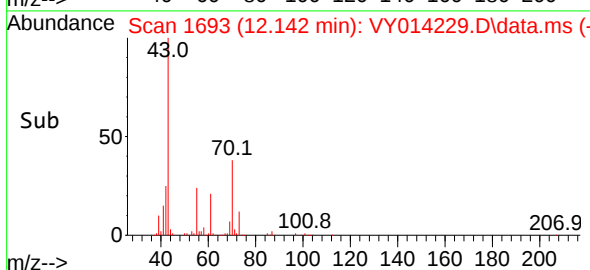
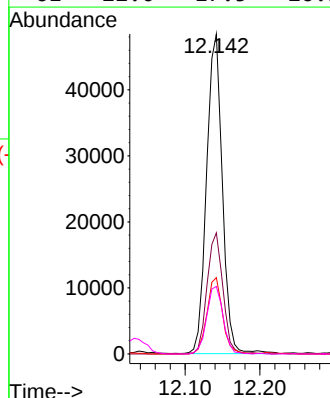
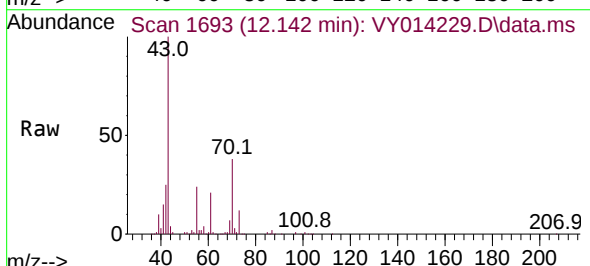
Ion Ratio Lower Upper

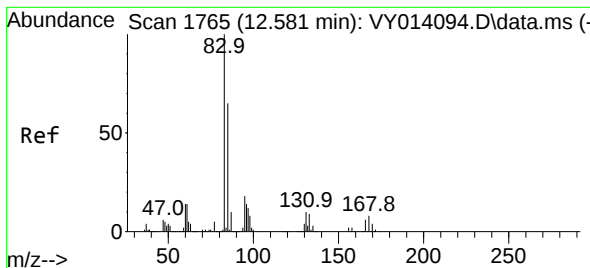
43 100

70 38.2 29.7 44.5

55 23.7 18.3 27.5

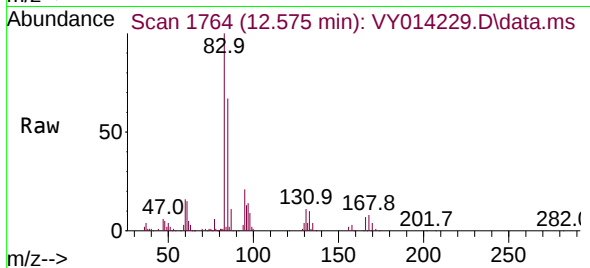
61 22.0 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 17.092 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

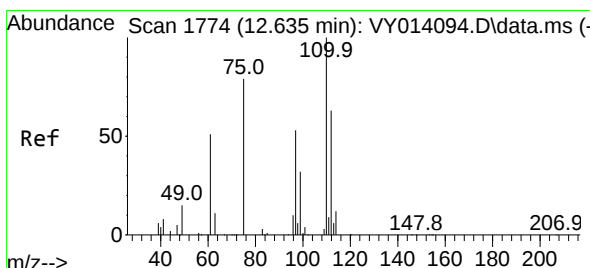
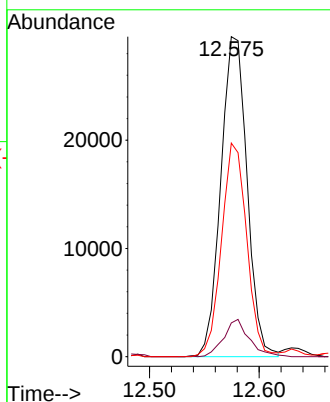
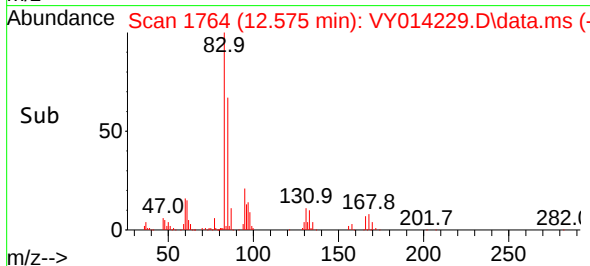
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



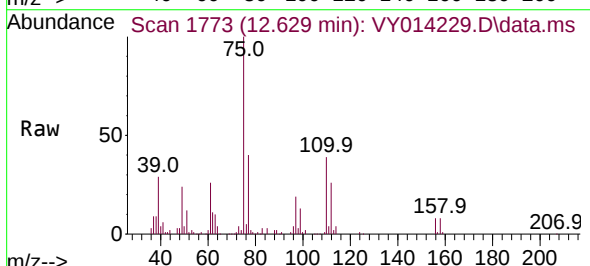
Tgt Ion: 83 Resp: 49220
Ion Ratio Lower Upper
83 100
131 11.3 5.4 16.2
85 64.1 31.8 95.4

Manual Integrations
APPROVED

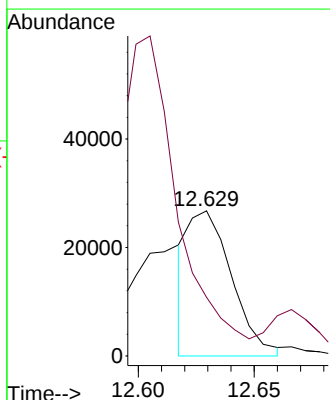
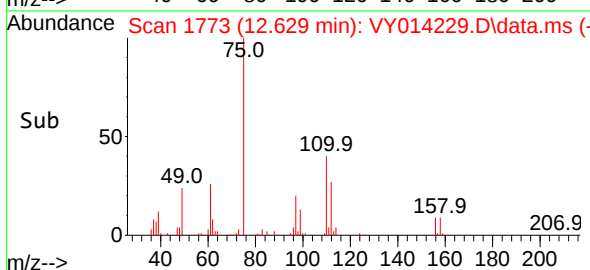
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

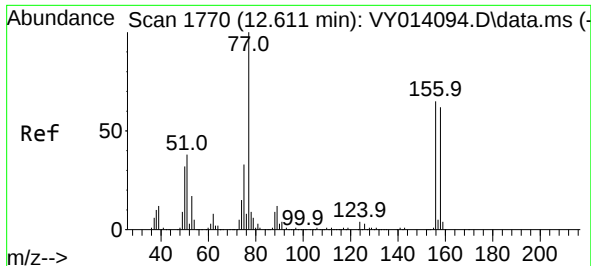


#76
1,2,3-Trichloropropane
Concen: 15.782 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23



Tgt Ion: 75 Resp: 34984
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





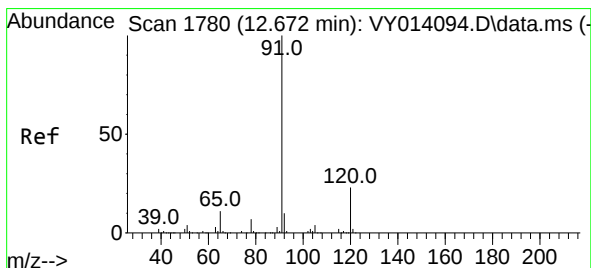
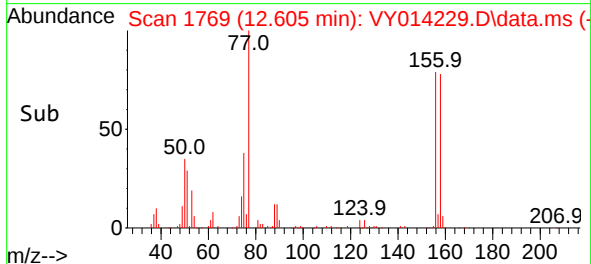
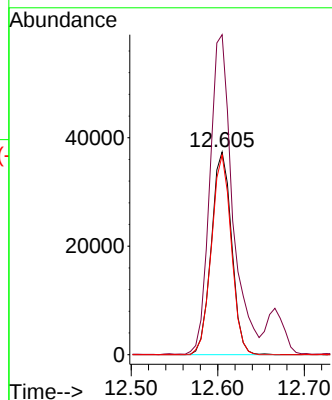
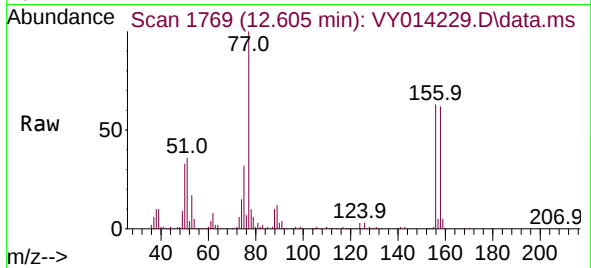
#77
Bromobenzene
Concen: 17.907 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:156 Resp: 60664
Ion Ratio Lower Upper
156 100
77 176.7 92.8 278.6
158 96.3 48.4 145.3

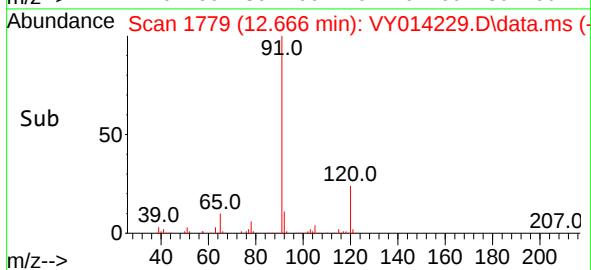
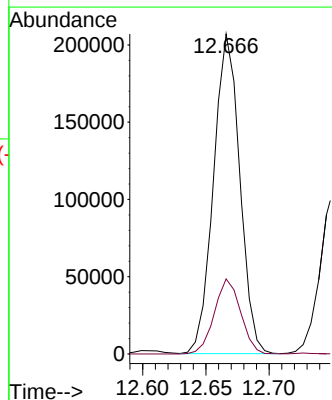
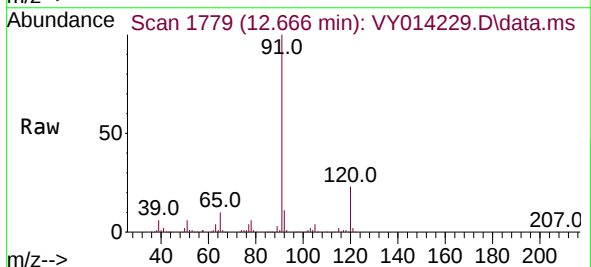
Manual Integrations
APPROVED

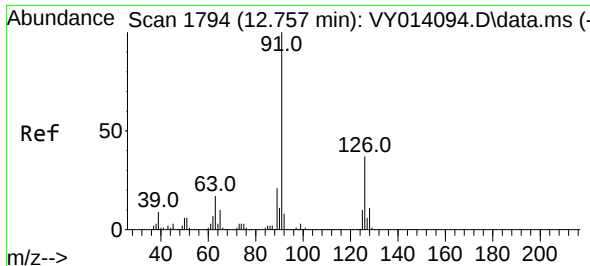
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#78
n-propylbenzene
Concen: 18.924 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion: 91 Resp: 297930
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





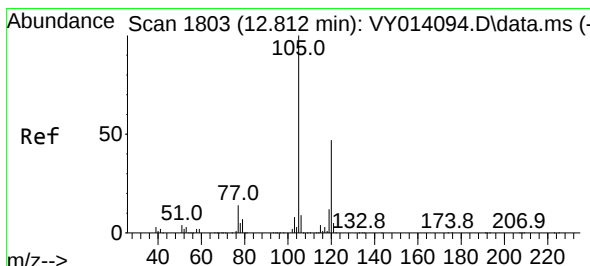
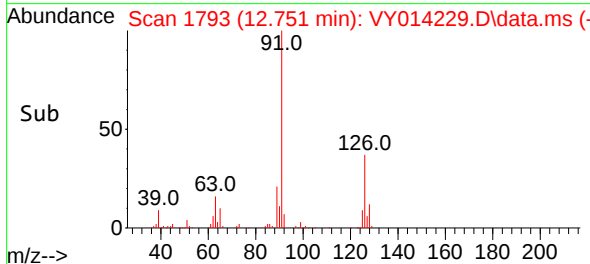
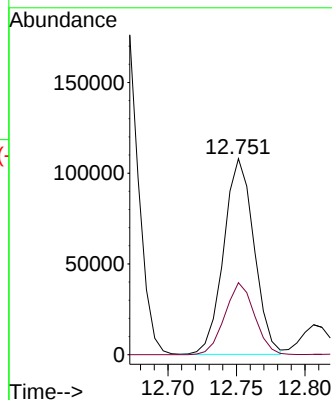
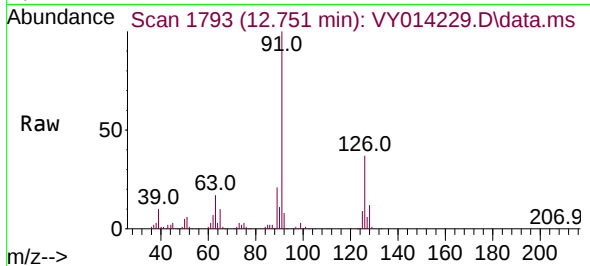
#79
2-Chlorotoluene
Concen: 18.351 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 91 Resp: 166240
Ion Ratio Lower Upper
91 100
126 36.0 17.3 51.7

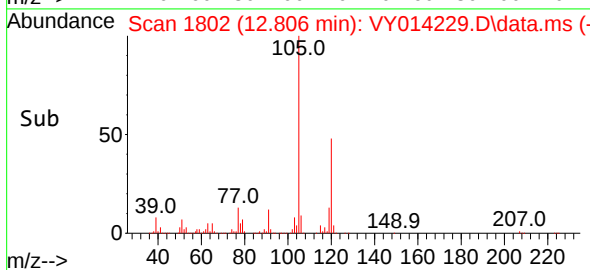
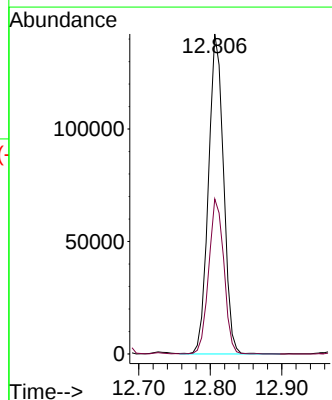
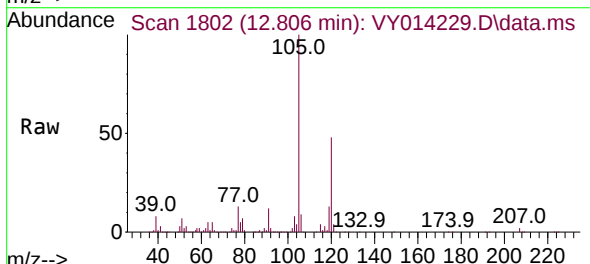
Manual Integrations
APPROVED

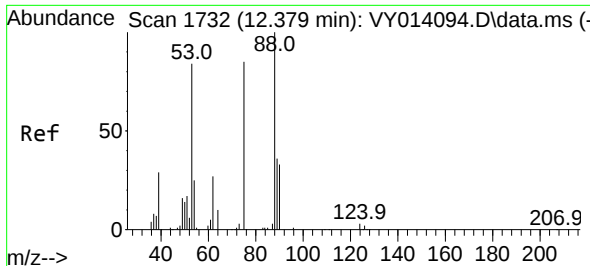
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.882 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

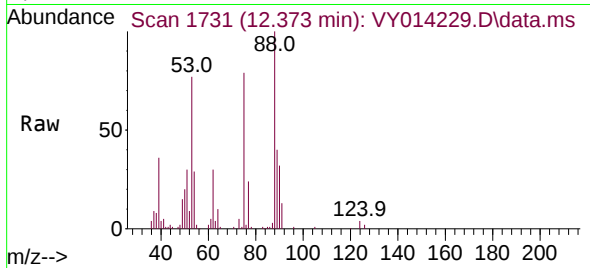
Tgt Ion:105 Resp: 208396
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 16.574 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

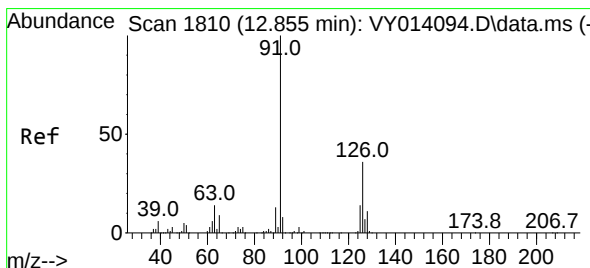
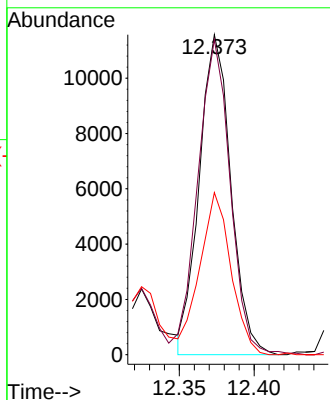
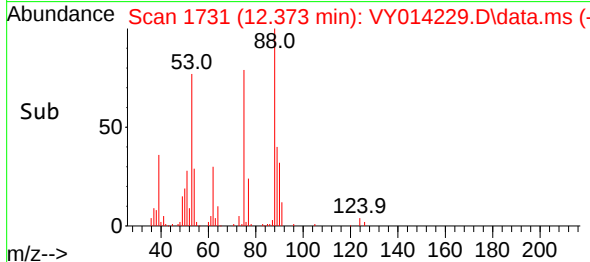
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 75 Resp: 1699
Ion Ratio Lower Upper
75 100
53 101.2 77.8 116.8
89 50.0 37.4 56.0

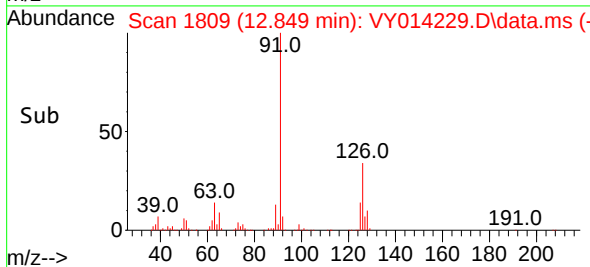
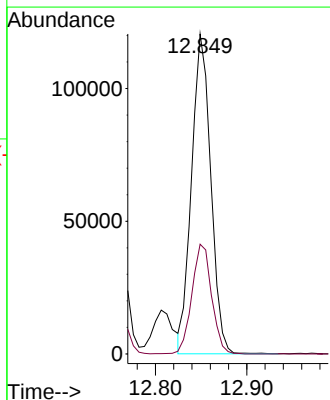
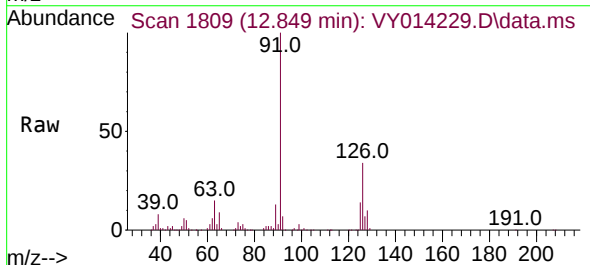
Manual Integrations
APPROVED

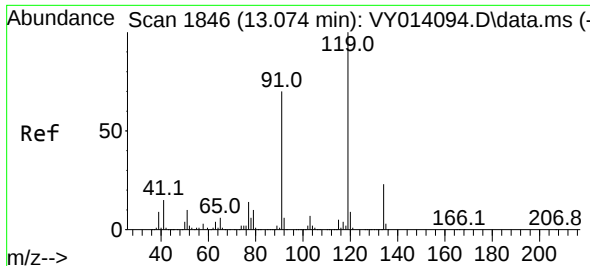
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#82
4-Chlorotoluene
Concen: 18.362 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion: 91 Resp: 176271
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





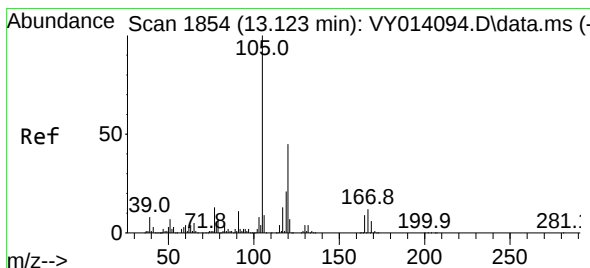
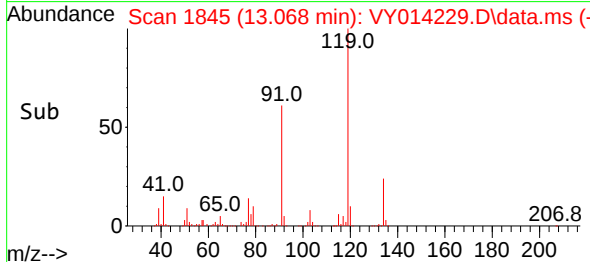
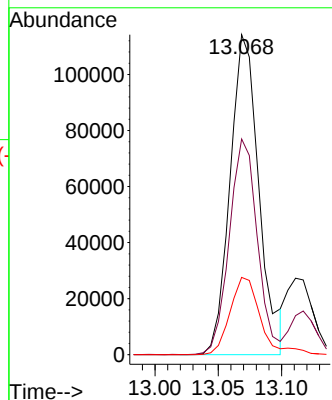
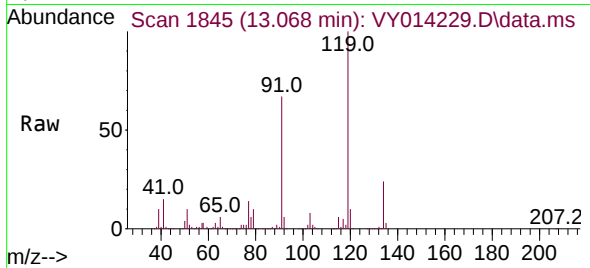
#83
tert-Butylbenzene
Concen: 19.331 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:119 Resp: 18130
Ion Ratio Lower Upper
119 100
91 65.8 32.9 98.6
134 25.5 13.0 38.9

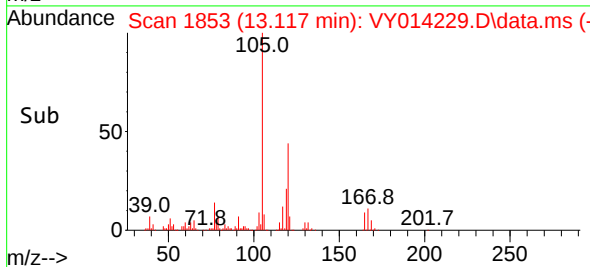
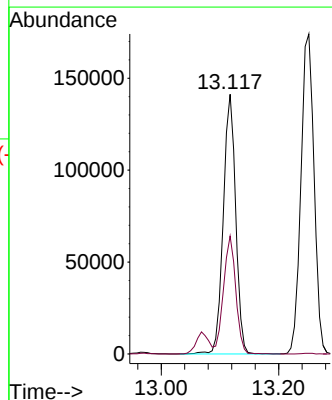
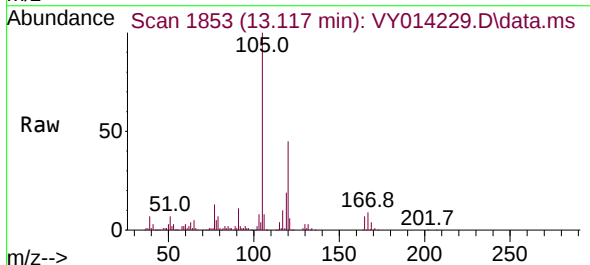
Manual Integrations
APPROVED

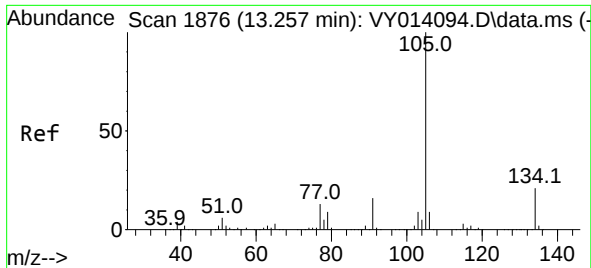
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 18.975 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion:105 Resp: 207299
Ion Ratio Lower Upper
105 100
120 45.1 22.2 66.6





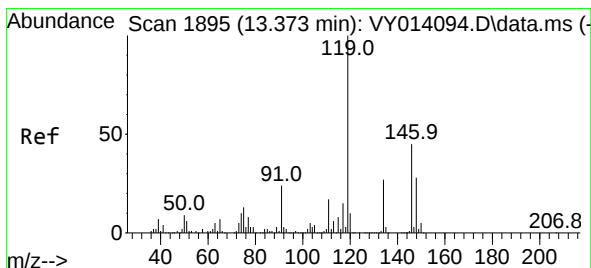
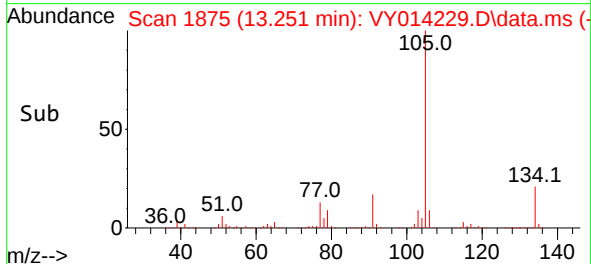
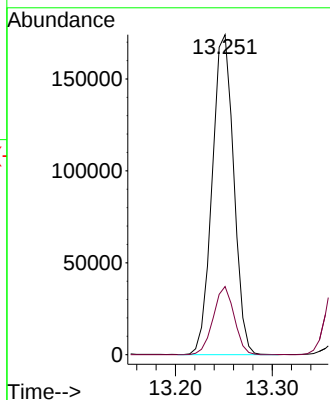
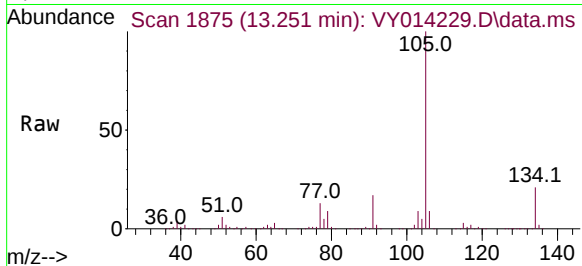
#85
 sec-Butylbenzene
 Concen: 19.721 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014229.D
 Acq: 19 Jun 2023 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tgt Ion:105 Resp: 26891
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

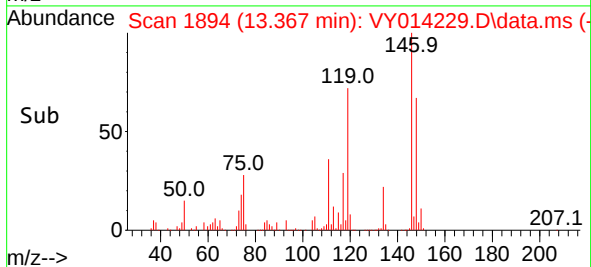
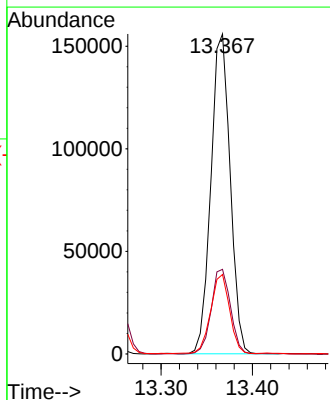
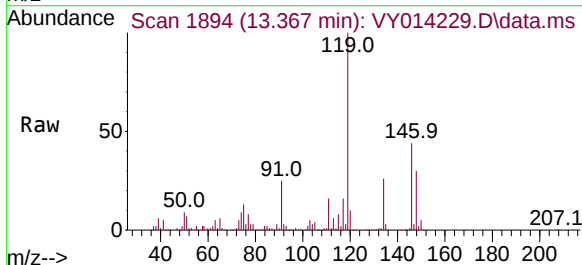
Manual Integrations
 APPROVED

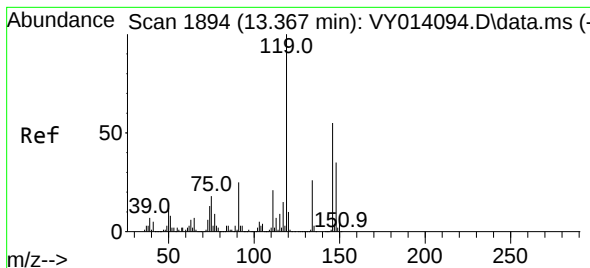
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023



#86
 p-Isopropyltoluene
 Concen: 19.591 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014229.D
 Acq: 19 Jun 2023 15:23

Tgt Ion:119 Resp: 228626
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 24.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 18.716 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

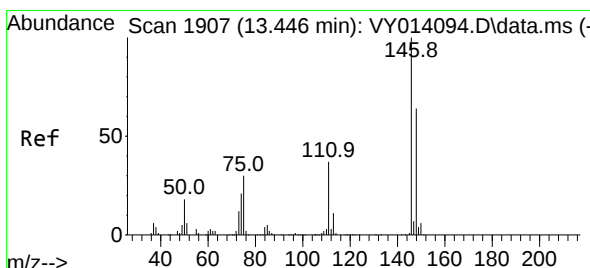
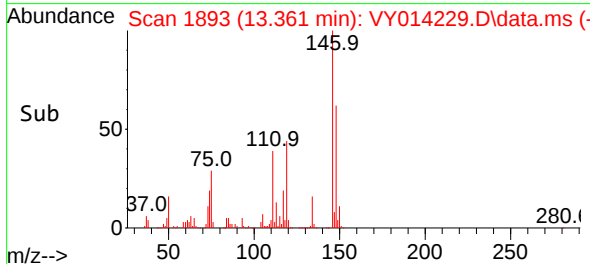
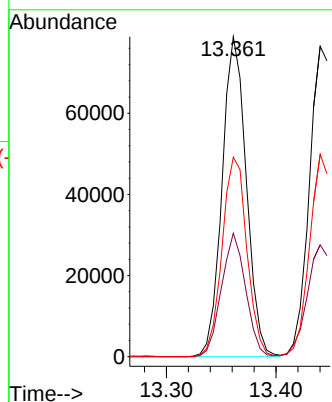
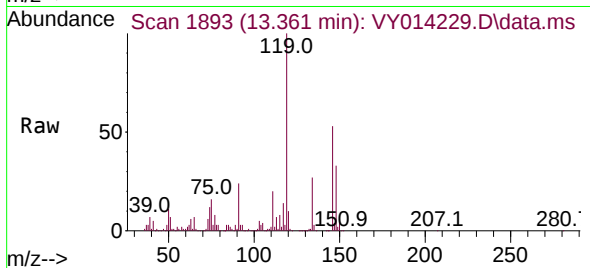
Tgt Ion:146	Resp:	12105
Ion Ratio	Lower	Upper
146	100	
111	38.4	19.4 58.2
148	63.8	31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#88

1,4-Dichlorobenzene

Concen: 18.553 ug/l

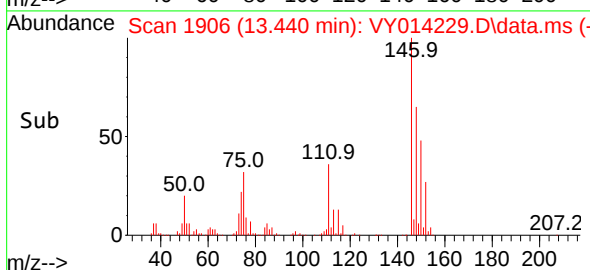
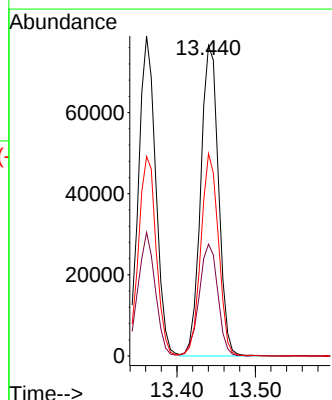
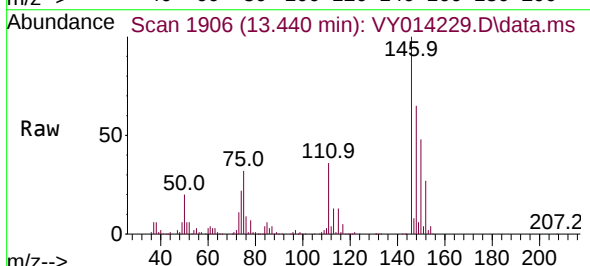
RT: 13.440 min Scan# 1906

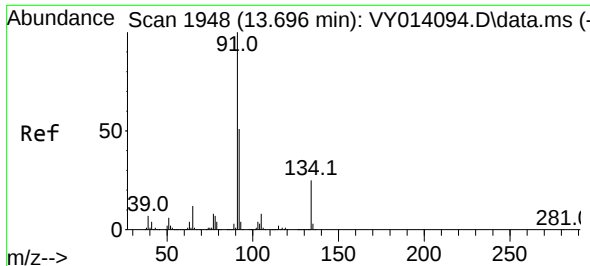
Delta R.T. -0.006 min

Lab File: VY014229.D

Acq: 19 Jun 2023 15:23

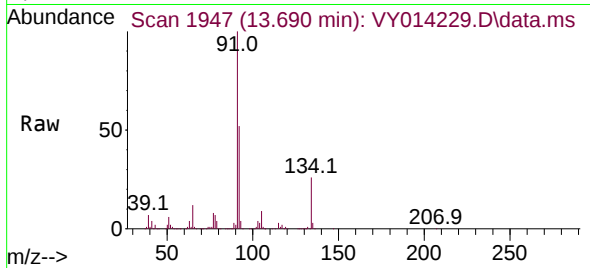
Tgt Ion:146	Resp:	120913
Ion Ratio	Lower	Upper
146	100	
111	37.6	18.9 56.7
148	64.2	32.1 96.5





#89
n-Butylbenzene
Concen: 19.557 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

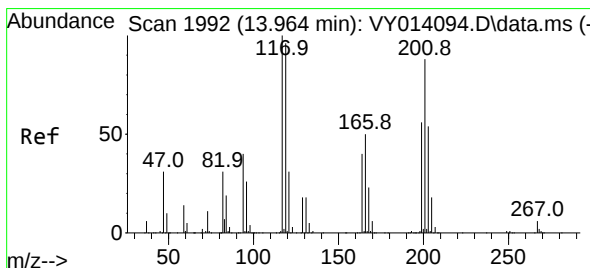
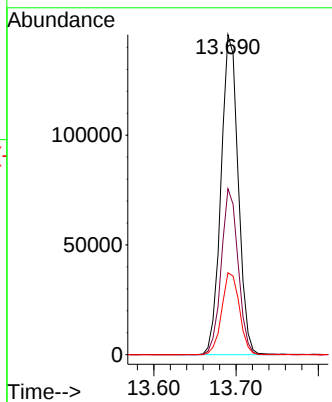
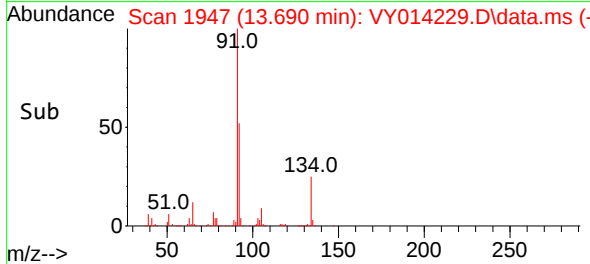
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 91 Resp: 21167
Ion Ratio Lower Upper
91 100
92 50.8 25.4 76.0
134 26.3 12.6 37.6

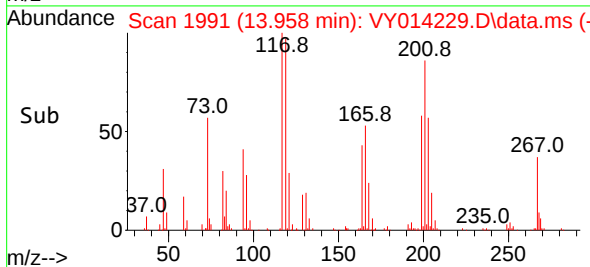
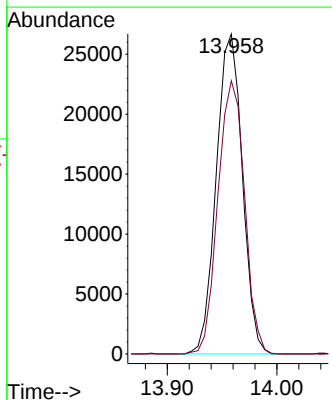
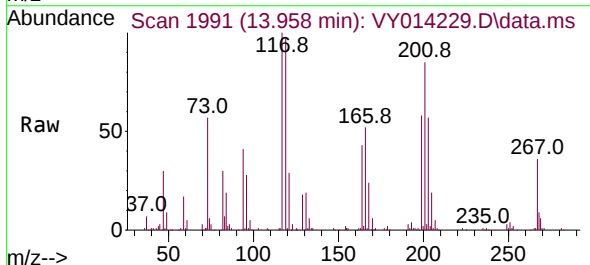
Manual Integrations
APPROVED

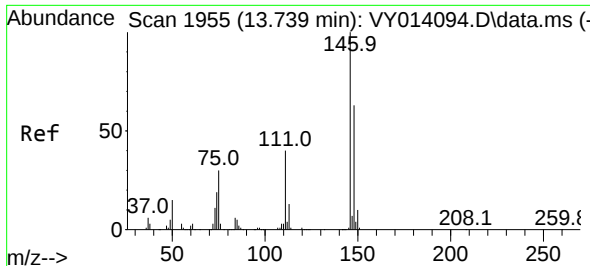
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#90
Hexachloroethane
Concen: 18.962 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion:117 Resp: 44095
Ion Ratio Lower Upper
117 100
201 87.1 41.6 124.8





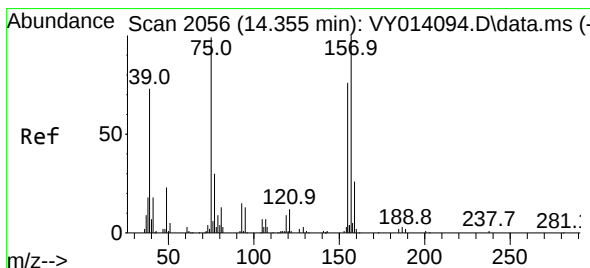
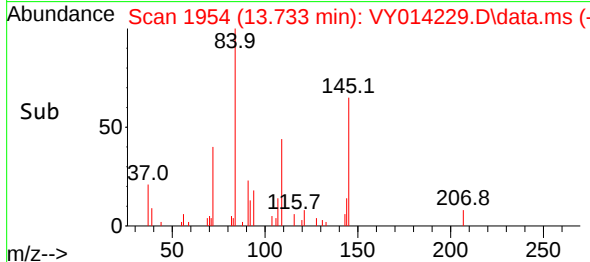
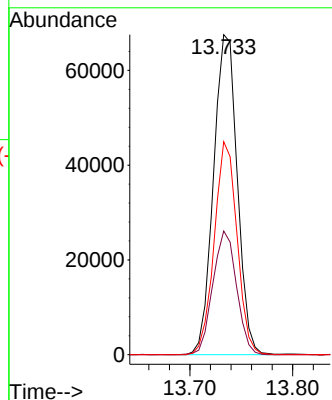
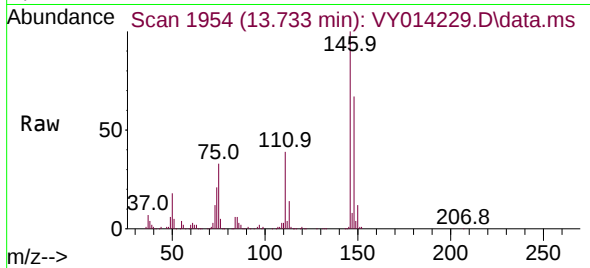
#91
1,2-Dichlorobenzene
Concen: 18.692 ug/l
RT: 13.733 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:146 Resp: 10858
Ion Ratio Lower Upper
146 100
111 38.4 19.7 59.0
148 63.7 32.0 96.2

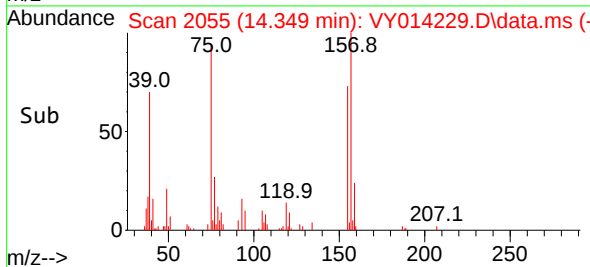
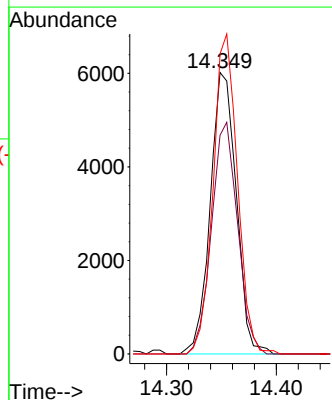
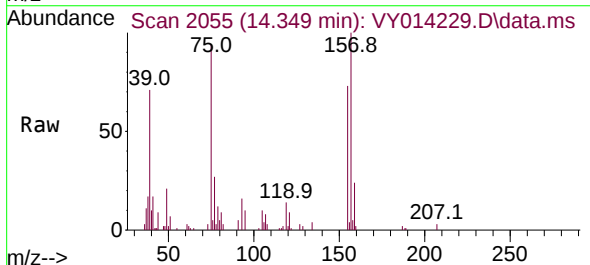
Manual Integrations
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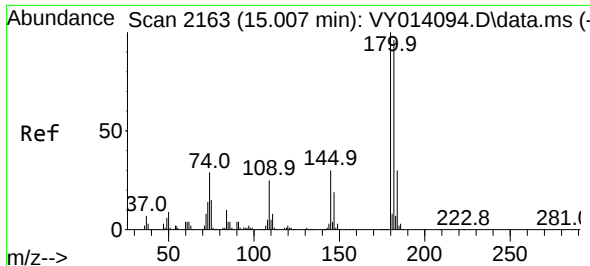
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.098 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

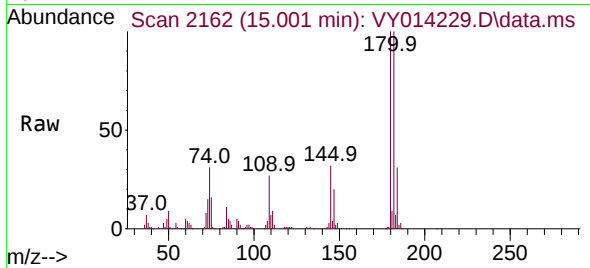
Tgt Ion: 75 Resp: 9926
Ion Ratio Lower Upper
75 100
155 82.5 41.5 124.6
157 106.3 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 18.451 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

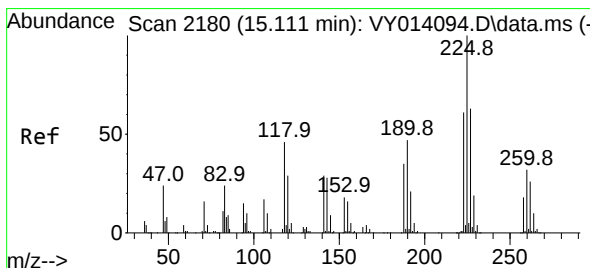
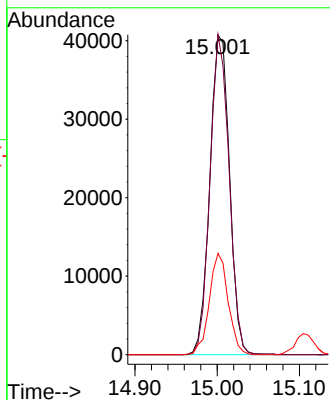
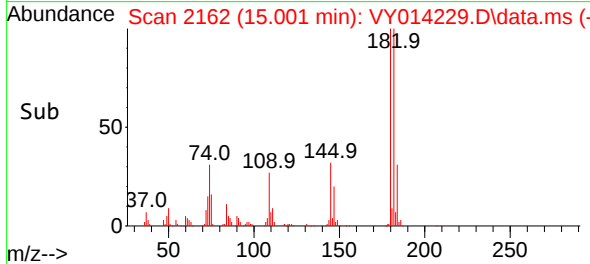
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion:180 Resp: 67904
Ion Ratio Lower Upper
180 100
182 96.9 47.0 141.2
145 30.3 14.5 43.5

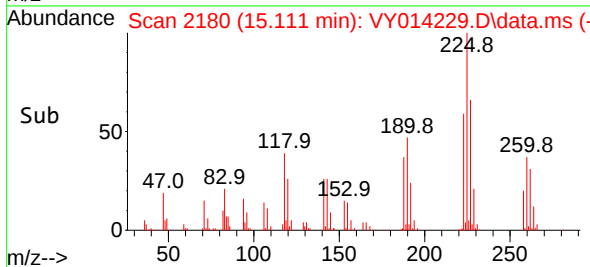
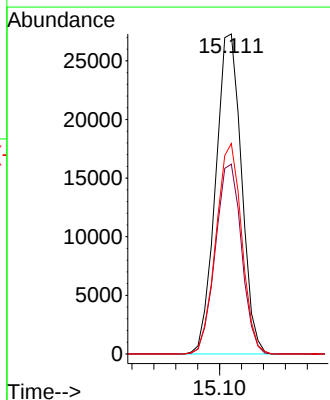
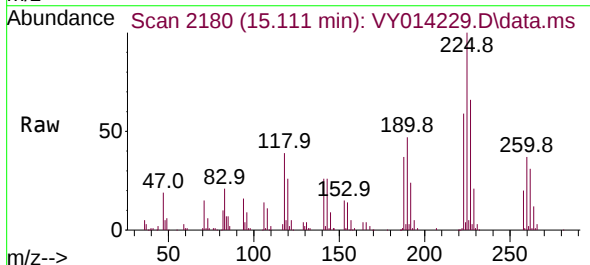
Manual Integrations
APPROVED

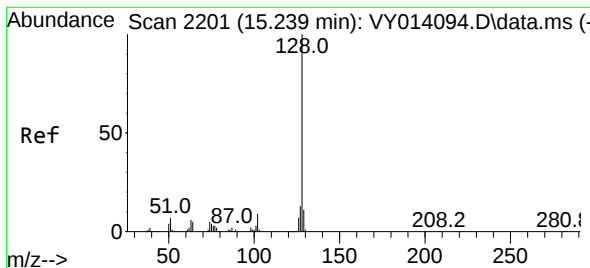
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#94
Hexachlorobutadiene
Concen: 21.063 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

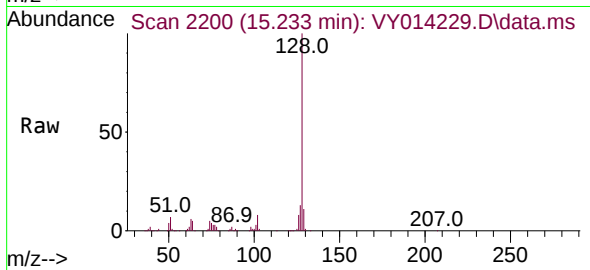
Tgt Ion:225 Resp: 44752
Ion Ratio Lower Upper
225 100
223 60.0 31.9 95.9
227 65.5 33.0 98.9





#95
Naphthalene
Concen: 17.459 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

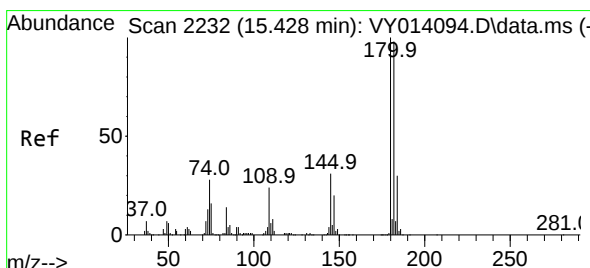
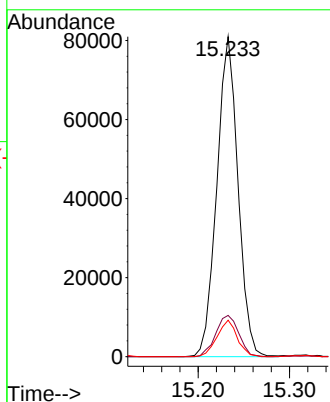
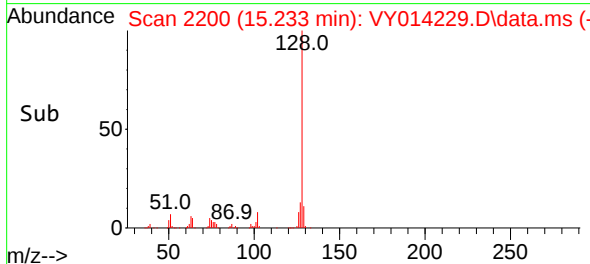
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion:128 Resp: 130410
Ion Ratio Lower Upper
128 100
127 14.0 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.207 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014229.D
Acq: 19 Jun 2023 15:23

Tgt Ion:180 Resp: 60547
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.8
145 31.1 15.4 46.2

