

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014230.D
 Acq On : 19 Jun 2023 15:46
 Operator : KP/MD
 Sample : VY0619SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 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 17:03:10 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	7.782	168	215689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132542	44.129	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.260%		
35) Dibromofluoromethane	7.709	113	115529	52.093	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.180%		
50) Toluene-d8	10.178	98	398980	48.120	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.240%		
62) 4-Bromofluorobenzene	12.477	95	157957	53.630	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	107.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	48714	20.265	ug/l	94
3) Chloromethane	2.107	50	51880	17.021	ug/l	97
4) Vinyl Chloride	2.247	62	53909	18.192	ug/l	99
5) Bromomethane	2.631	94	40046	16.379	ug/l	93
6) Chloroethane	2.777	64	33035	16.406	ug/l	99
7) Trichlorofluoromethane	3.113	101	95490	19.835	ug/l	98
8) Diethyl Ether	3.521	74	28889	17.971	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.887	101	49630	20.427	ug/l	98
10) Methyl Iodide	4.082	142	52381	16.327	ug/l	98
11) Tert butyl alcohol	4.948	59	31469	76.264	ug/l #	81
12) 1,1-Dichloroethene	3.862	96	45091	18.310	ug/l	97
13) Acrolein	3.722	56	17741	106.338	ug/l	94
14) Allyl chloride	4.472	41	78309	17.542	ug/l	99
15) Acrylonitrile	5.155	53	76411	92.155	ug/l	99
16) Acetone	3.942	43	75918	83.855	ug/l	97
17) Carbon Disulfide	4.186	76	127802	16.015	ug/l	99
18) Methyl Acetate	4.478	43	62666	17.833	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	127882	17.607	ug/l	98
20) Methylene Chloride	4.704	84	86070	28.216	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	48654	17.713	ug/l	93
22) Diisopropyl ether	6.112	45	149615	17.505	ug/l	96
23) Vinyl Acetate	6.051	43	433426	85.948	ug/l	100
24) 1,1-Dichloroethane	6.008	63	87516	17.759	ug/l	96
25) 2-Butanone	6.978	43	106125	95.227	ug/l	95
26) 2,2-Dichloropropane	6.972	77	90727	19.602	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	54330	17.682	ug/l	97
28) Bromochloromethane	7.331	49	35551	17.740	ug/l	95
29) Tetrahydrofuran	7.344	42	64822	91.727	ug/l	98
30) Chloroform	7.502	83	94176	18.014	ug/l	93
31) Cyclohexane	7.776	56	75829	18.847	ug/l #	91
32) 1,1,1-Trichloroethane	7.697	97	89406	18.961	ug/l	99
36) 1,1-Dichloropropene	7.910	75	66627	19.270	ug/l	98
37) Ethyl Acetate	7.069	43	44968	18.850	ug/l	98
38) Carbon Tetrachloride	7.892	117	84309	21.131	ug/l	99
39) Methylcyclohexane	9.179	83	76664	19.985	ug/l	99
40) Benzene	8.154	78	196511	19.114	ug/l	99

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 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)
41) Methacrylonitrile	7.295	41	21322m	17.513	ug/l	
42) 1,2-Dichloroethane	8.234	62	69739	19.182	ug/l	98
43) Isopropyl Acetate	8.264	43	79871	19.102	ug/l	98
44) Trichloroethene	8.935	130	56334	20.508	ug/l	92
45) 1,2-Dichloropropane	9.215	63	47994	18.378	ug/l	100
46) Dibromomethane	9.300	93	29925	18.616	ug/l	99
47) Bromodichloromethane	9.496	83	73880	19.629	ug/l	99
48) Methyl methacrylate	9.288	41	37294	19.123	ug/l	98
49) 1,4-Dioxane	9.288	88	7791	381.434	ug/l #	43
51) 4-Methyl-2-Pentanone	10.069	43	223863	98.548	ug/l	99
52) Toluene	10.239	92	125568	19.702	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	74103	18.702	ug/l	100
54) cis-1,3-Dichloropropene	9.922	75	80886	18.710	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	42611	19.985	ug/l	97
56) Ethyl methacrylate	10.508	69	55523	18.880	ug/l	95
57) 1,3-Dichloropropane	10.788	76	70269	19.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	77789	81.038	ug/l	98
59) 2-Hexanone	10.831	43	161567	98.475	ug/l	99
60) Dibromochloromethane	10.977	129	53714	19.683	ug/l	98
61) 1,2-Dibromoethane	11.087	107	40655	19.321	ug/l	99
64) Tetrachloroethene	10.715	164	59285	23.540	ug/l	98
65) Chlorobenzene	11.514	112	136079	19.167	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	53513	19.163	ug/l	99
67) Ethyl Benzene	11.587	91	239379	19.262	ug/l	99
68) m/p-Xylenes	11.696	106	187390	39.202	ug/l	99
69) o-Xylene	12.026	106	88374	19.555	ug/l	100
70) Styrene	12.038	104	152548	19.777	ug/l	99
71) Bromoform	12.202	173	37936	19.836	ug/l	98
73) Isopropylbenzene	12.324	105	240696	18.681	ug/l	100
74) N-amyl acetate	12.141	43	71633	17.544	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.580	83	50574	17.566	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	36340m	16.400	ug/l	
77) Bromobenzene	12.605	156	60788	17.950	ug/l	96
78) n-propylbenzene	12.666	91	295223	18.759	ug/l	98
79) 2-Chlorotoluene	12.751	91	166324	18.368	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	207832	18.838	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	18592	18.136	ug/l	99
82) 4-Chlorotoluene	12.849	91	171967	17.921	ug/l	97
83) tert-Butylbenzene	13.068	119	179576	19.154	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	203710	18.653	ug/l	99
85) sec-Butylbenzene	13.251	105	267009	19.589	ug/l	100
86) p-Isopropyltoluene	13.367	119	224140	19.214	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	120091	18.573	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	121779	18.693	ug/l	99
89) n-Butylbenzene	13.696	91	212905	19.677	ug/l	99
90) Hexachloroethane	13.958	117	44274	19.046	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	109603	18.874	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.354	75	9998	18.236	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	69360	18.854	ug/l	99
94) Hexachlorobutadiene	15.110	225	46350	21.824	ug/l	96
95) Naphthalene	15.232	128	133329	17.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	61568	18.521	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

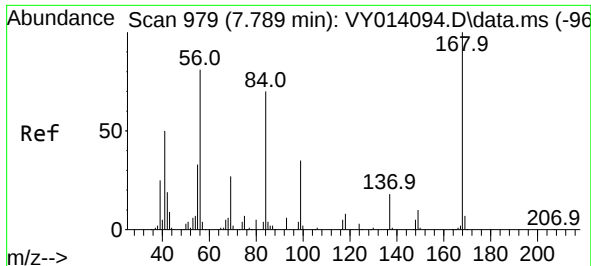
Manual Integrations
APPROVED

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Quant Time: Jun 19 17:03:10 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



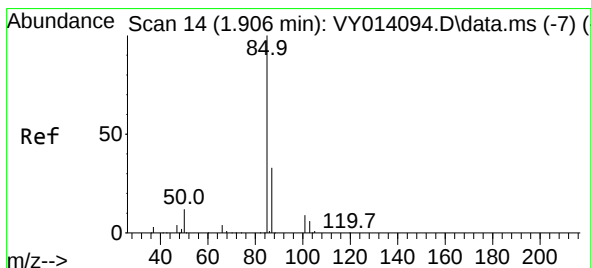
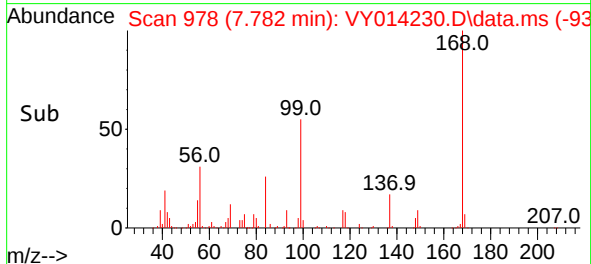
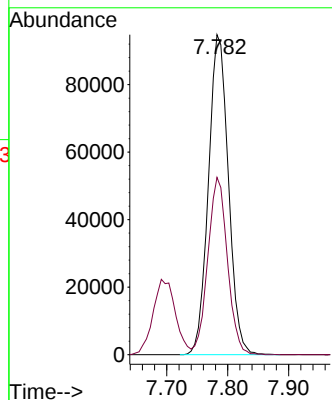
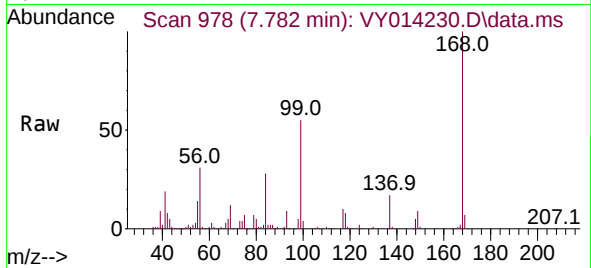
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 215689
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0

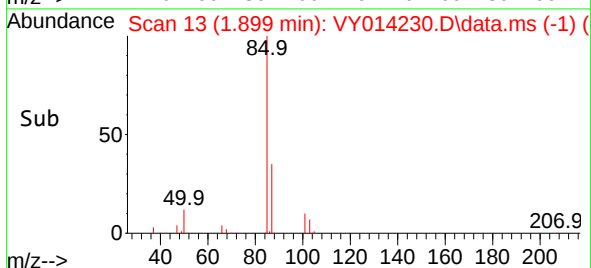
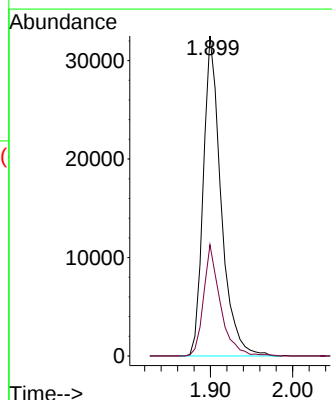
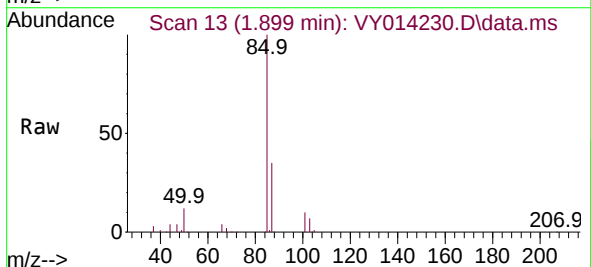
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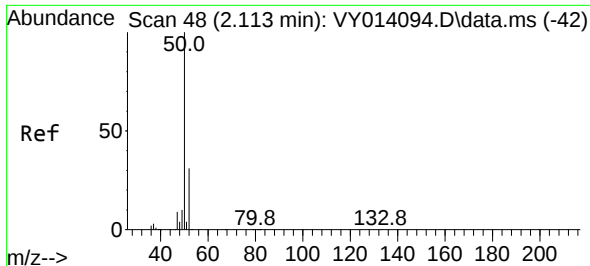
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#2
Dichlorodifluoromethane
Concen: 20.265 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.007 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion: 85 Resp: 48714
Ion Ratio Lower Upper
85 100
87 34.8 15.6 46.8





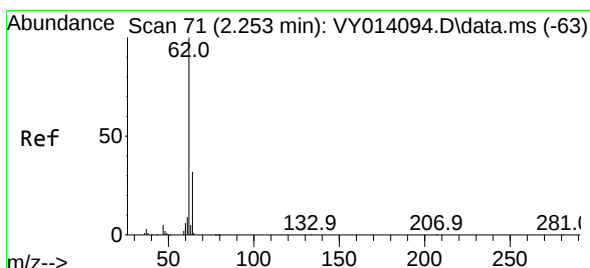
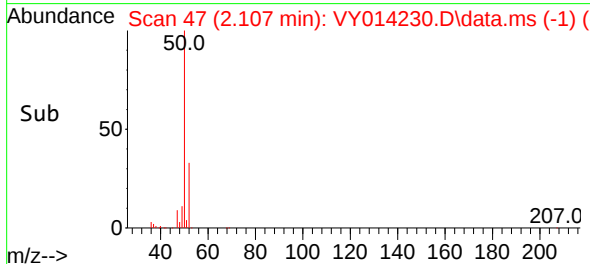
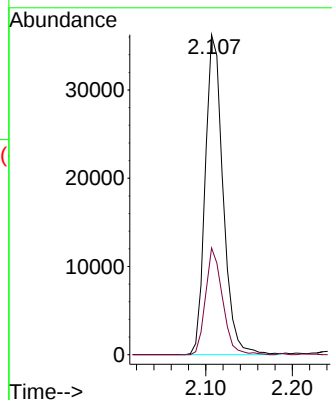
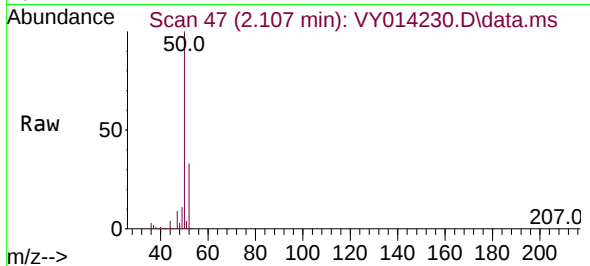
#3
Chloromethane
Concen: 17.021 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 50 Resp: 51880
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

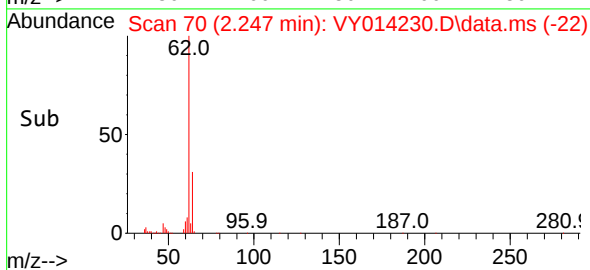
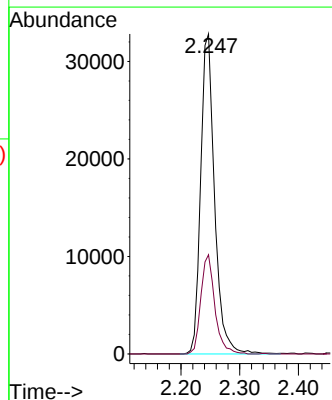
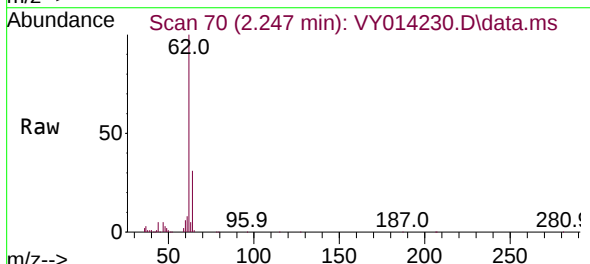
Manual Integrations
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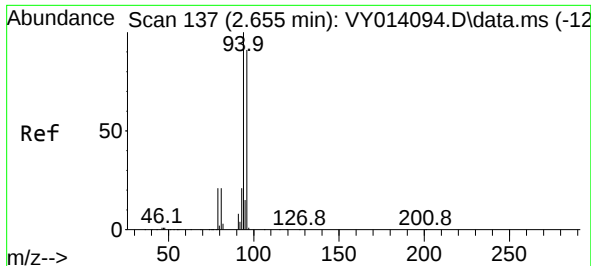
Reviewed By :John Carlone 06/20/2023
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#4
Vinyl Chloride
Concen: 18.192 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

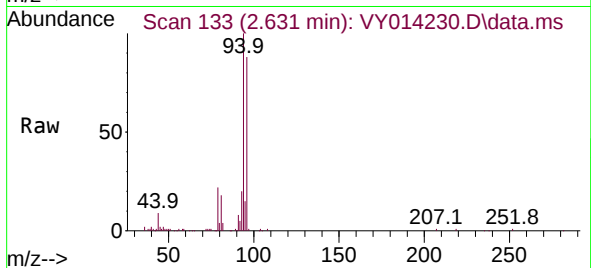
Tgt Ion: 62 Resp: 53909
Ion Ratio Lower Upper
62 100
64 31.0 24.3 36.5





#5
Bromomethane
Concen: 16.379 ug/l
RT: 2.631 min Scan# 111
Delta R.T. -0.024 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

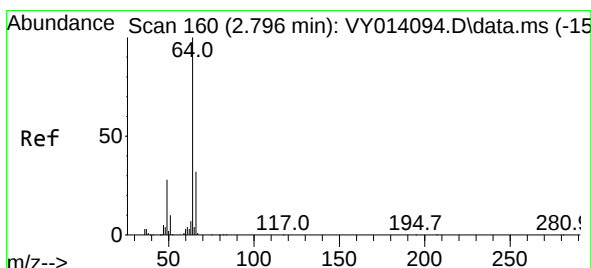
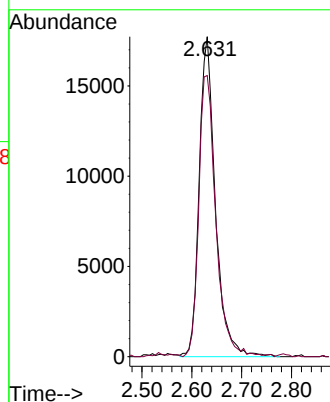
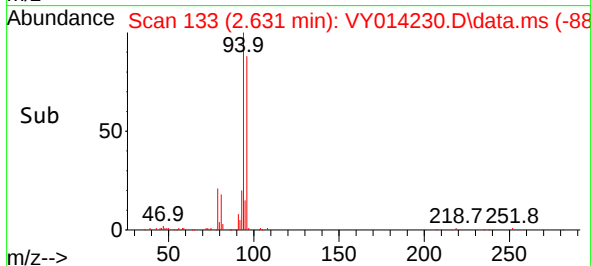
Instrument :
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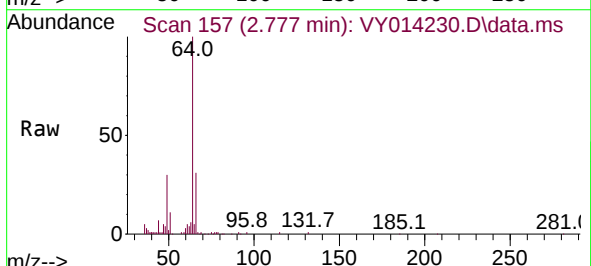
Tgt Ion: 94 Resp: 40040
Ion Ratio Lower Upper
94 100
96 87.4 75.8 113.6

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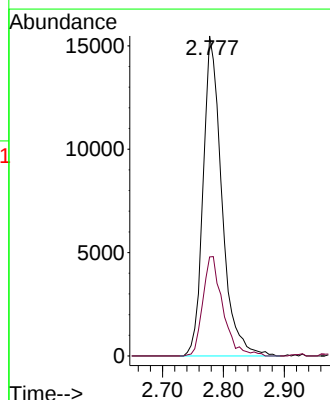
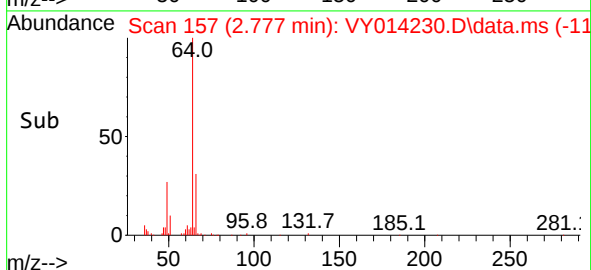
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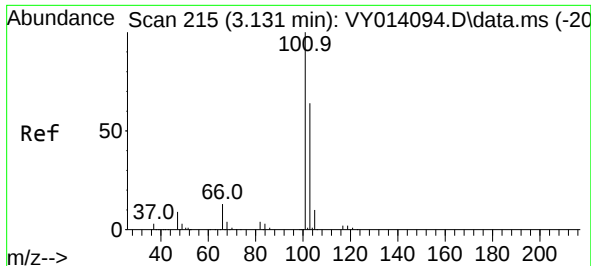


#6
Chloroethane
Concen: 16.406 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.019 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46



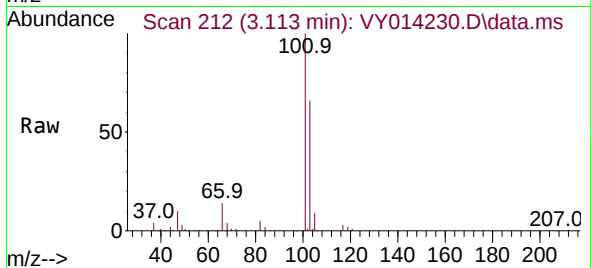
Tgt Ion: 64 Resp: 33035
Ion Ratio Lower Upper
64 100
66 31.0 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 19.835 ug/l
 RT: 3.113 min Scan# 215
 Delta R.T. -0.018 min
 Lab File: VY014230.D
 Acq: 19 Jun 2023 15:46

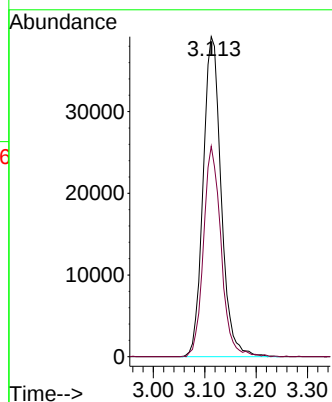
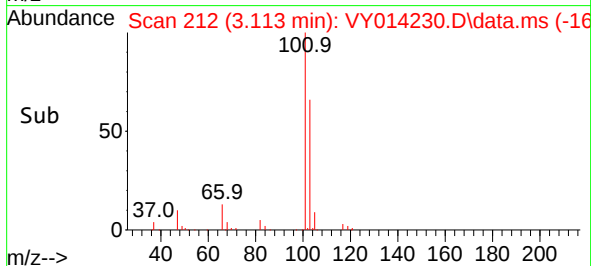
Instrument :
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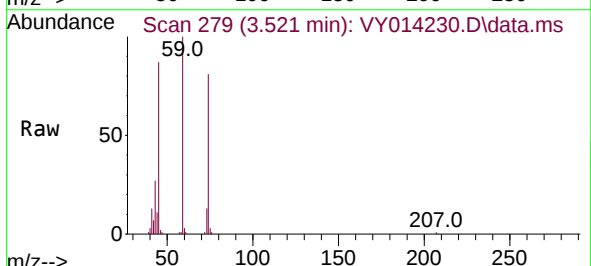
Tgt Ion: 101 Resp: 95490
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.0

Manual Integrations
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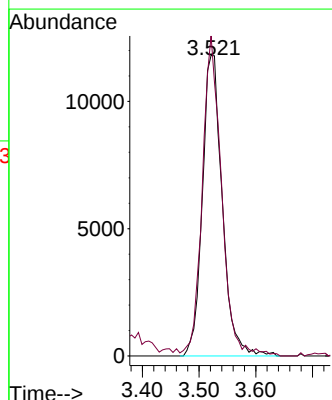
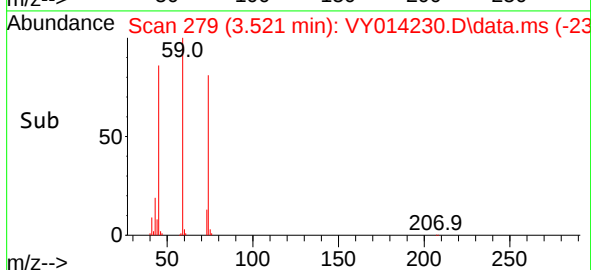
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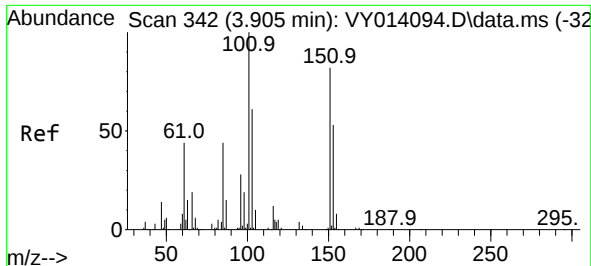


#8
 Diethyl Ether
 Concen: 17.971 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.012 min
 Lab File: VY014230.D
 Acq: 19 Jun 2023 15:46



Tgt Ion: 74 Resp: 28889
 Ion Ratio Lower Upper
 74 100
 45 102.7 51.5 154.5





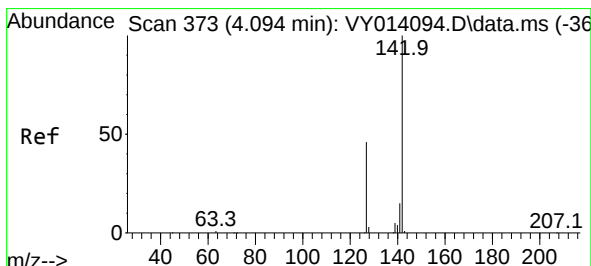
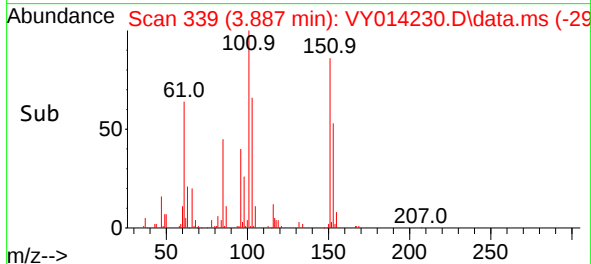
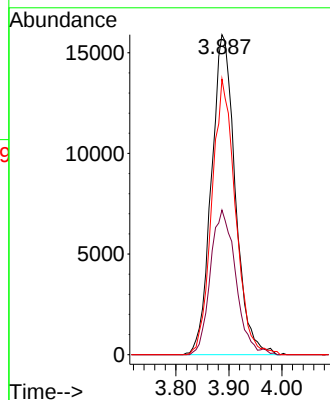
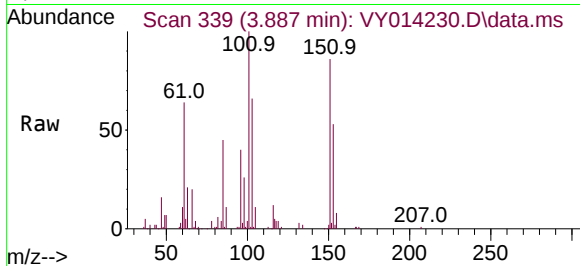
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.427 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:101 Resp: 49630
Ion Ratio Lower Upper
101 100
85 47.9 36.6 55.0
151 85.3 67.0 100.6

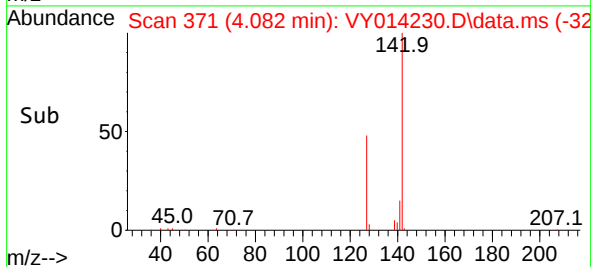
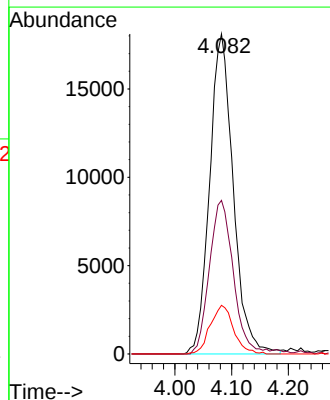
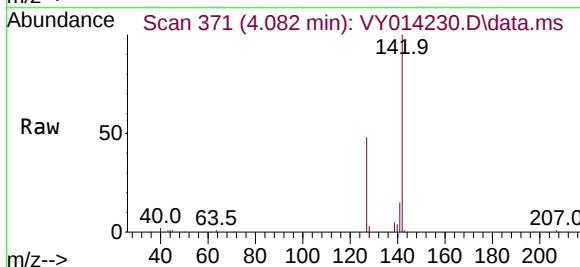
Manual Integrations
APPROVED

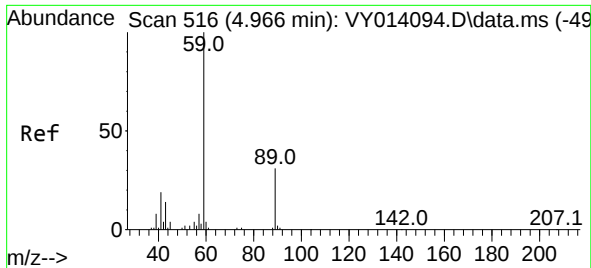
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#10
Methyl Iodide
Concen: 16.327 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion:142 Resp: 52381
Ion Ratio Lower Upper
142 100
127 48.6 37.6 56.4
141 15.1 11.8 17.8





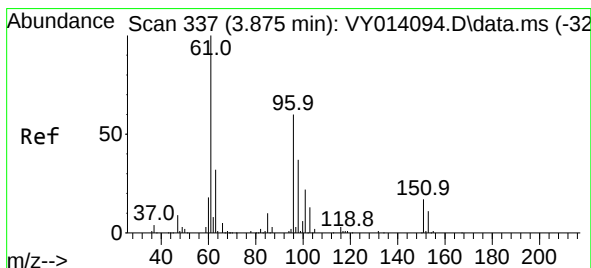
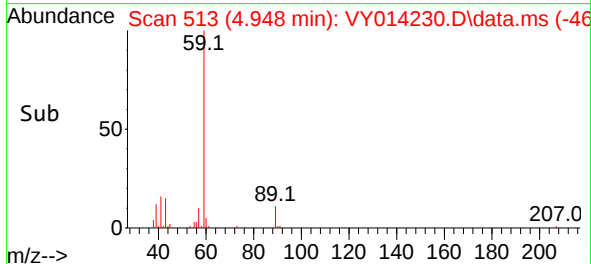
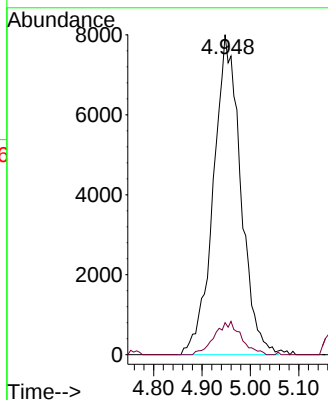
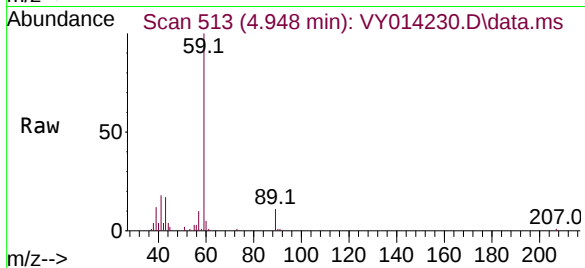
#11
Tert butyl alcohol
Concen: 76.264 ug/l
RT: 4.948 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 59 Resp: 31469
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4

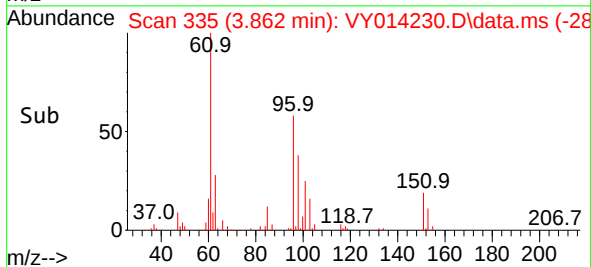
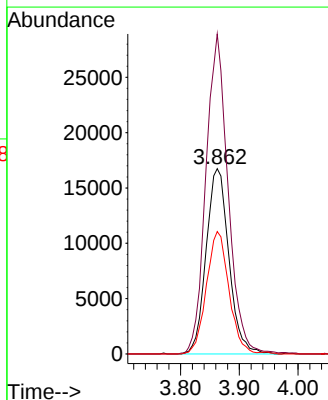
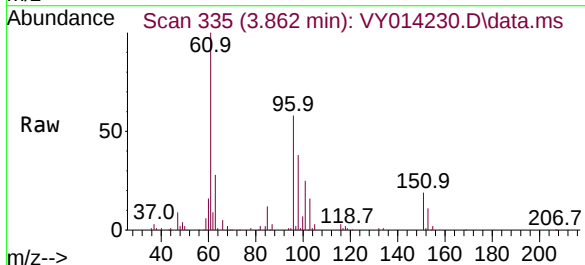
Manual Integrations
APPROVED

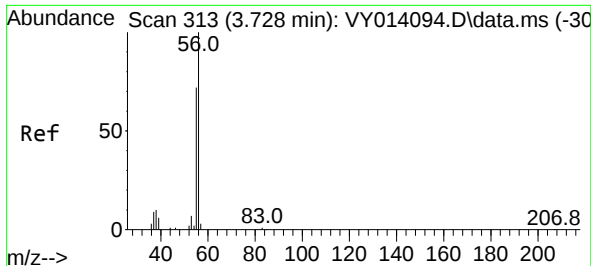
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#12
1,1-Dichloroethene
Concen: 18.310 ug/l
RT: 3.862 min Scan# 335
Delta R.T. -0.013 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion: 96 Resp: 45091
Ion Ratio Lower Upper
96 100
61 172.7 136.4 204.6
98 66.1 49.4 74.2





#13

Acrolein

Concen: 106.338 ug/l

RT: 3.722 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tgt Ion: 56 Resp: 1774

Ion Ratio Lower Upper

56 100

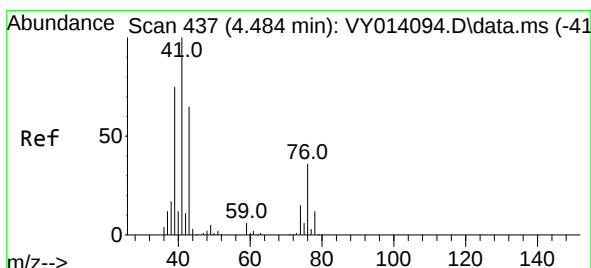
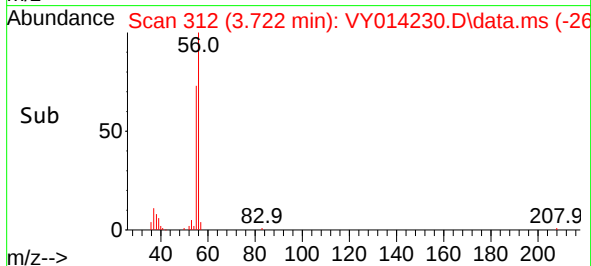
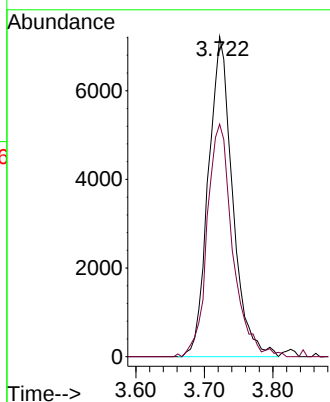
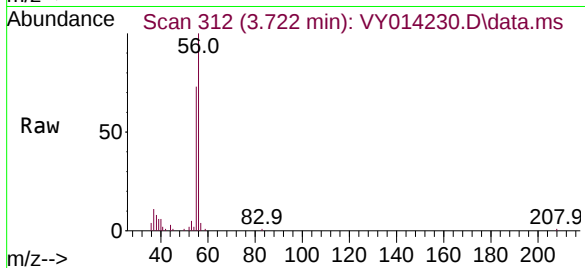
55 76.4 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#14

Allyl chloride

Concen: 17.542 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.012 min

Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

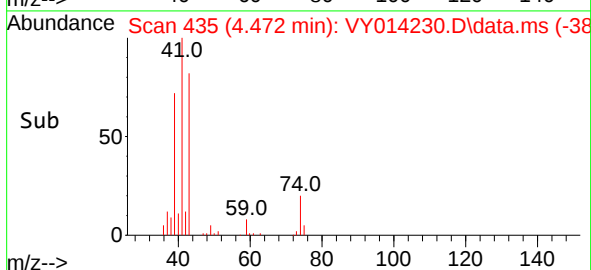
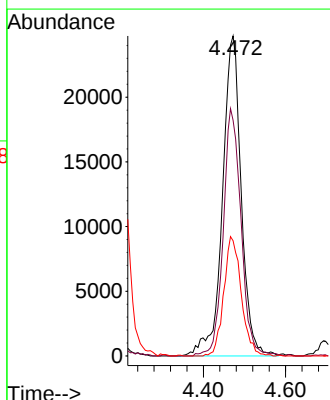
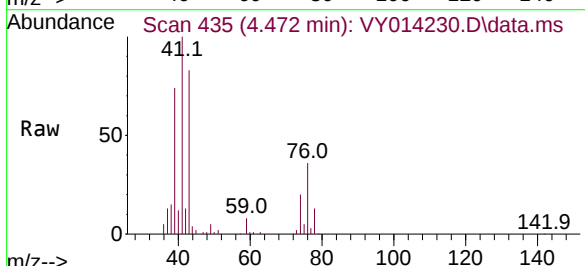
Tgt Ion: 41 Resp: 78309

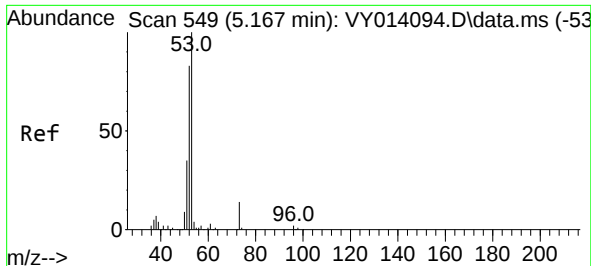
Ion Ratio Lower Upper

41 100

39 73.3 58.0 87.0

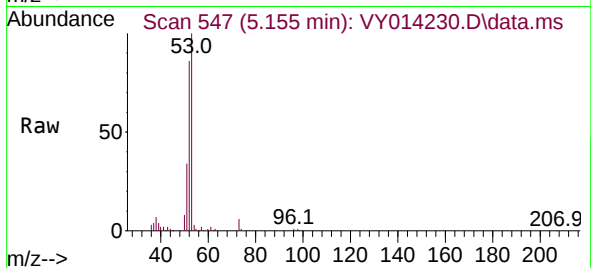
76 34.8 27.4 41.2





#15
Acrylonitrile
Concen: 92.155 ug/l
RT: 5.155 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

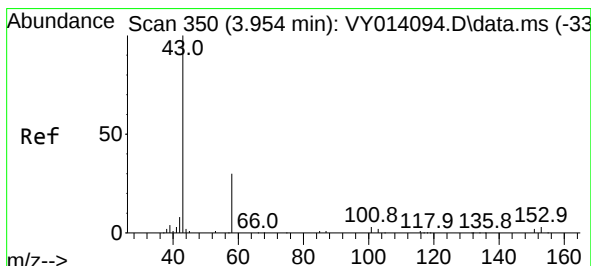
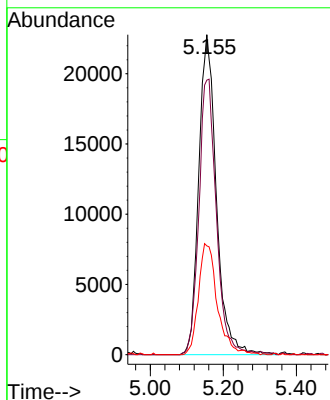
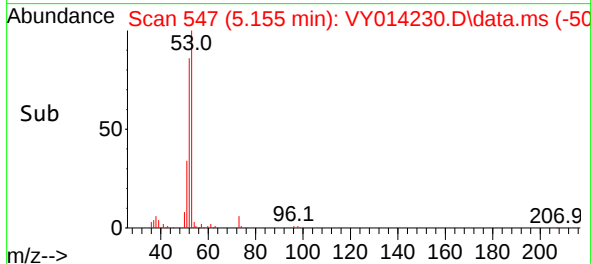
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 53 Resp: 7641
Ion Ratio Lower Upper
53 100
52 85.2 66.9 100.3
51 37.2 29.8 44.6

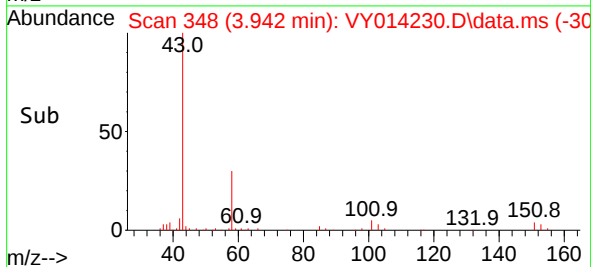
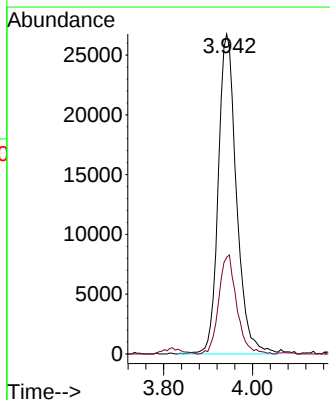
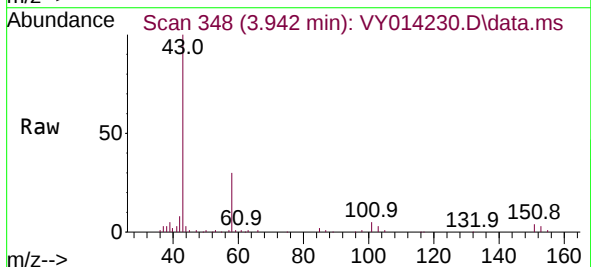
Manual Integrations
APPROVED

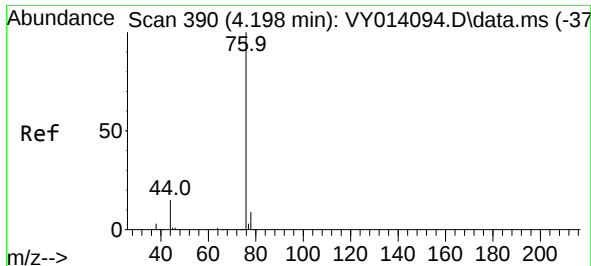
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#16
Acetone
Concen: 83.855 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion: 43 Resp: 75918
Ion Ratio Lower Upper
43 100
58 29.9 22.7 34.1





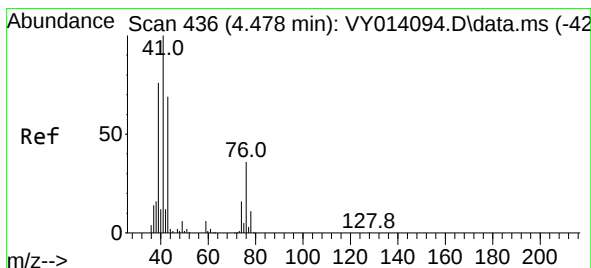
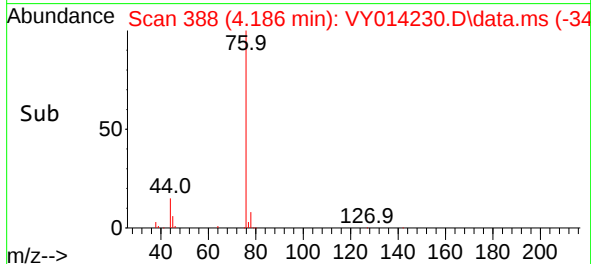
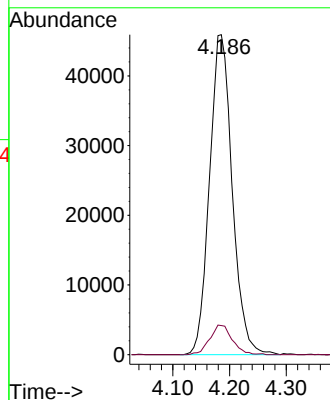
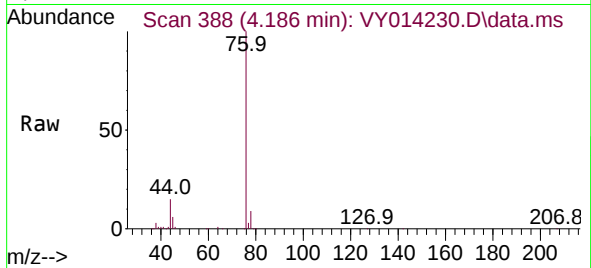
#17
Carbon Disulfide
Concen: 16.015 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.012 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 76 Resp: 12780
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

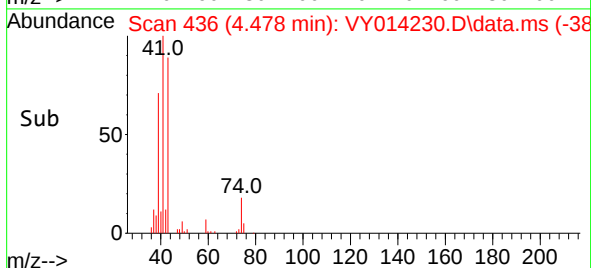
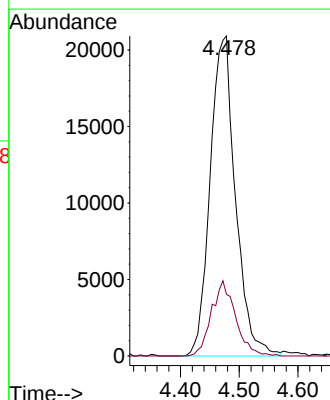
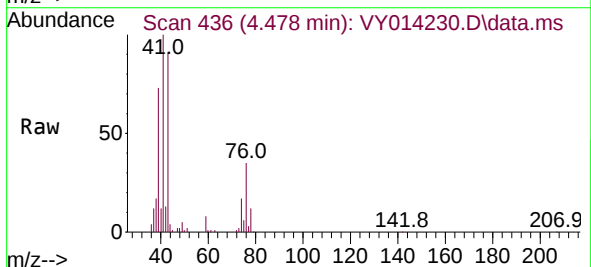
Manual Integrations
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Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#18
Methyl Acetate
Concen: 17.833 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

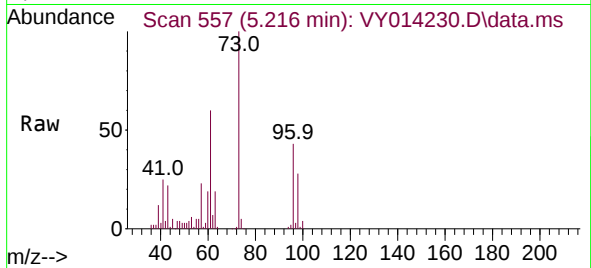
Tgt Ion: 43 Resp: 62666
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 17.607 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

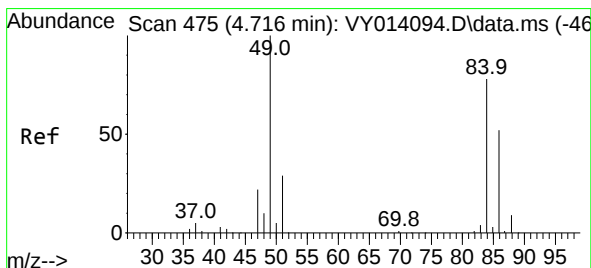
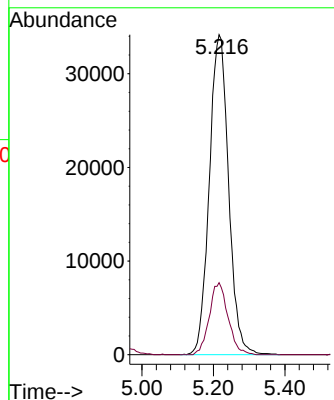
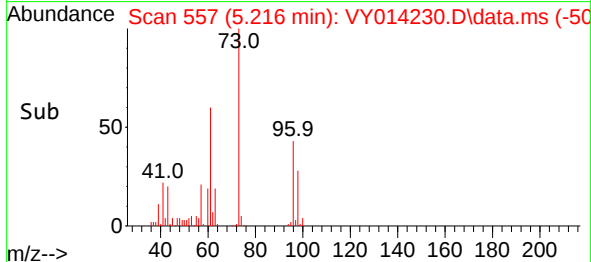
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 73 Resp: 12788
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

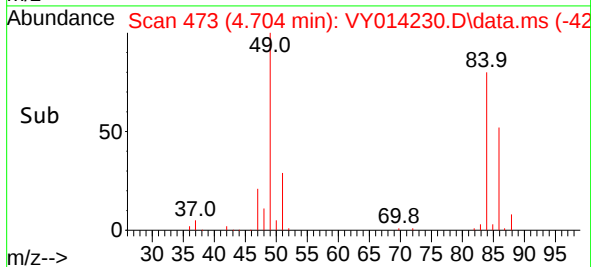
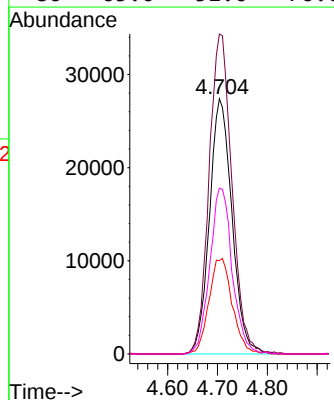
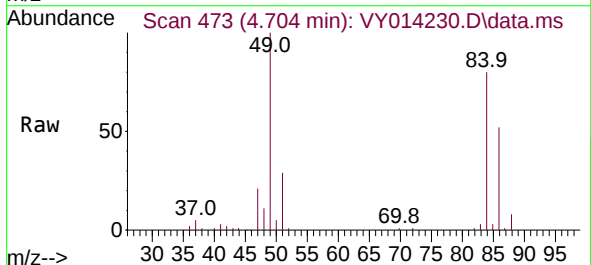
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 28.216 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

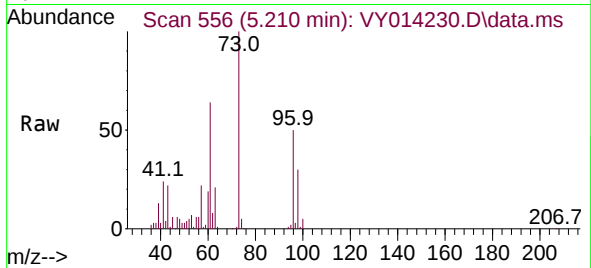
Tgt Ion: 84 Resp: 86070
Ion Ratio Lower Upper
84 100
49 125.4 106.9 160.3
51 36.6 33.2 49.8
86 65.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 17.713 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

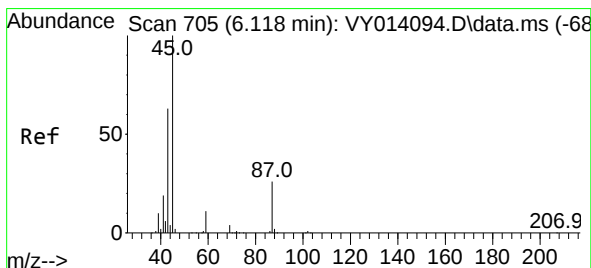
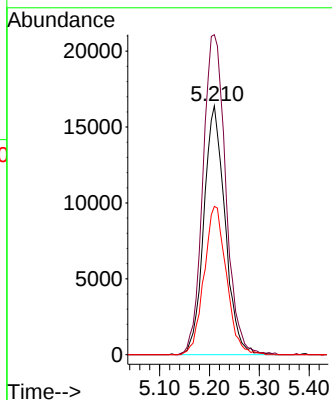
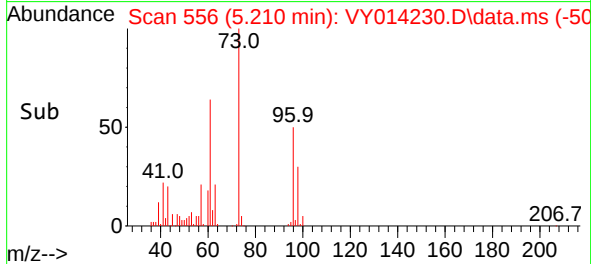
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 96 Resp: 48654
Ion Ratio Lower Upper
96 100
61 128.6 110.2 165.4
98 59.6 51.8 77.6

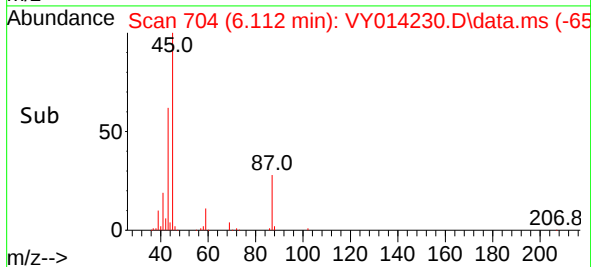
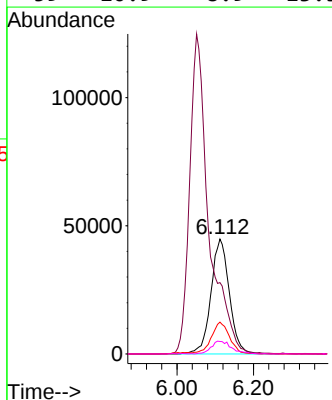
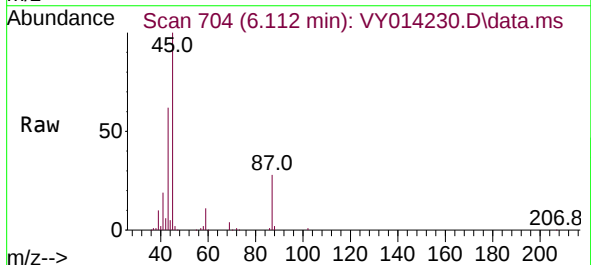
Manual Integrations
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Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#22
Diisopropyl ether
Concen: 17.505 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion: 45 Resp: 149615
Ion Ratio Lower Upper
45 100
43 61.7 52.2 78.4
87 27.7 21.0 31.6
59 10.9 8.9 13.3





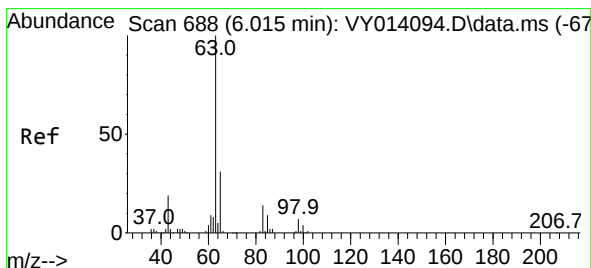
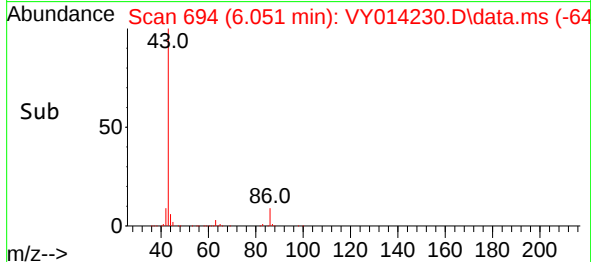
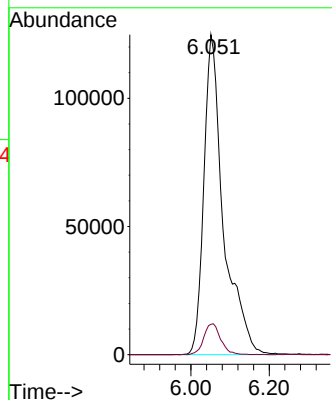
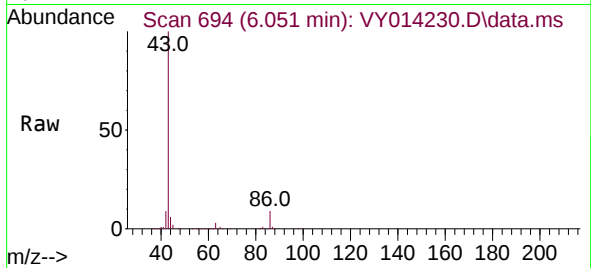
#23
 Vinyl Acetate
 Concen: 85.948 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY014230.D
 Acq: 19 Jun 2023 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tgt Ion: 43 Resp: 433420
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

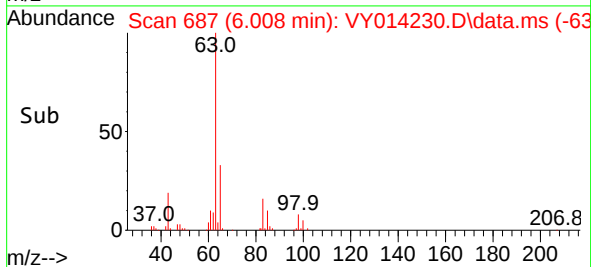
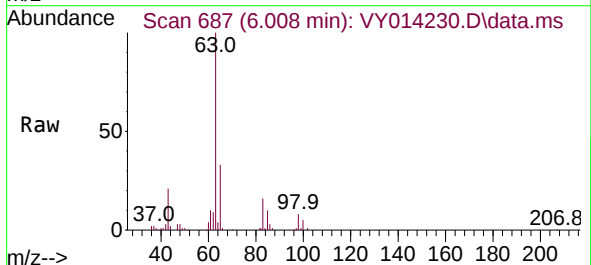
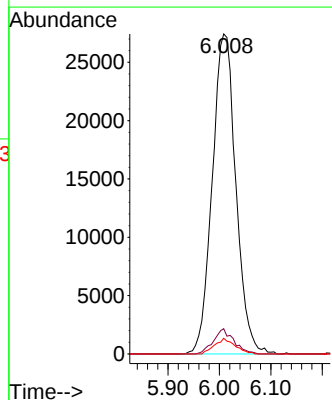
Manual Integrations
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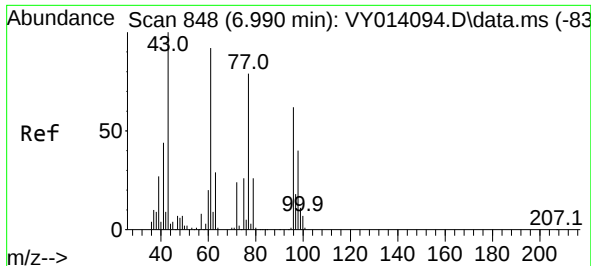
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023



#24
 1,1-Dichloroethane
 Concen: 17.759 ug/l
 RT: 6.008 min Scan# 687
 Delta R.T. -0.007 min
 Lab File: VY014230.D
 Acq: 19 Jun 2023 15:46

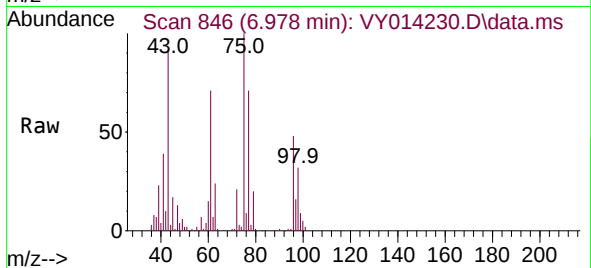
Tgt Ion: 63 Resp: 87516
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 4.9 1.8 5.5





#25
2-Butanone
Concen: 95.227 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

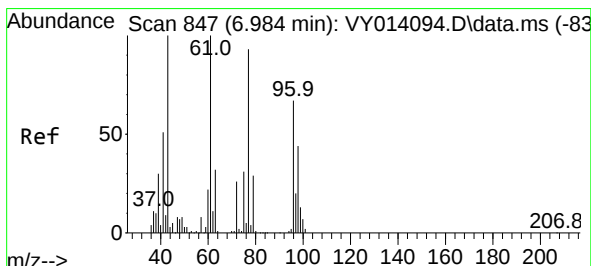
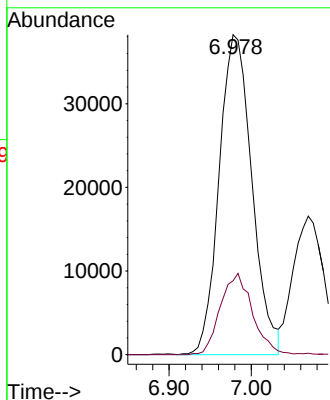
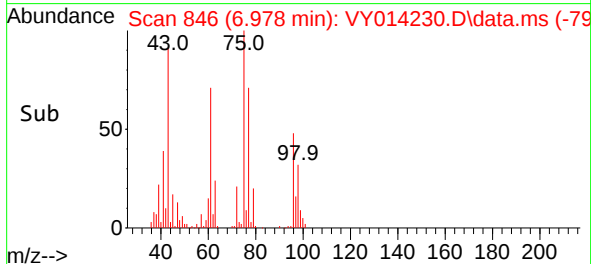
Instrument :
MSVOA_Y
Client Sample Id :
VY0619SBS01



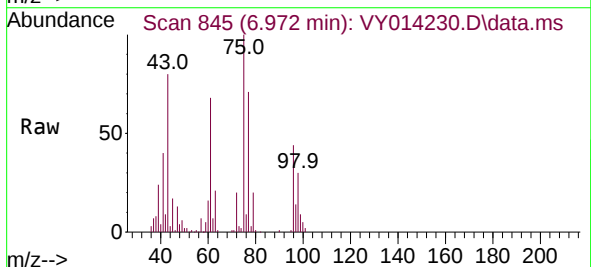
Tgt Ion: 43 Resp: 10612
Ion Ratio Lower Upper
43 100
72 23.1 20.5 30.7

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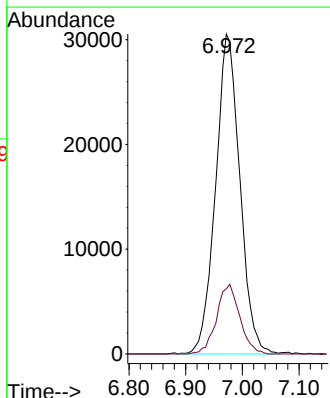
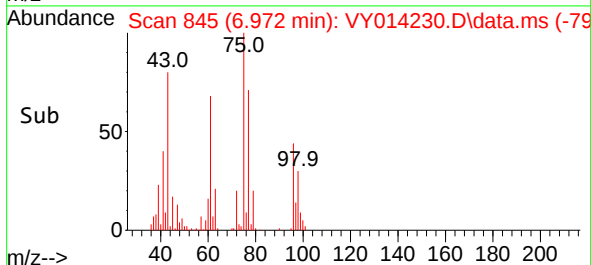
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

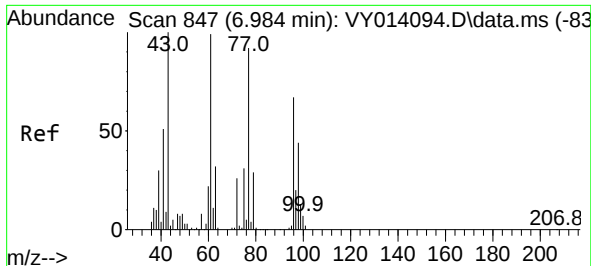


#26
2,2-Dichloropropane
Concen: 19.602 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46



Tgt Ion: 77 Resp: 90727
Ion Ratio Lower Upper
77 100
97 20.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 17.682 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY014230.D

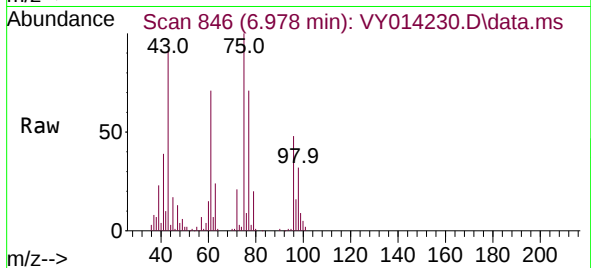
Acq: 19 Jun 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01



Tgt Ion: 96 Resp: 54330

Ion Ratio Lower Upper

96 100

61 156.3 0.0 301.4

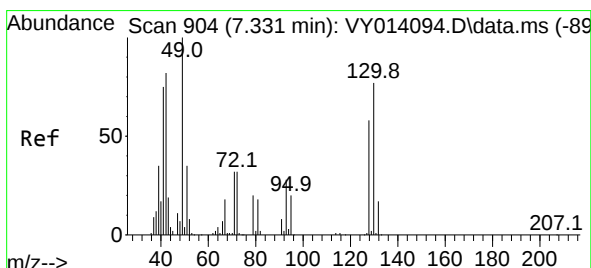
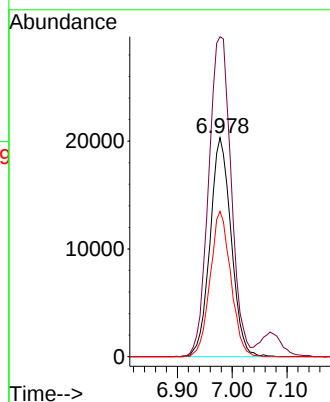
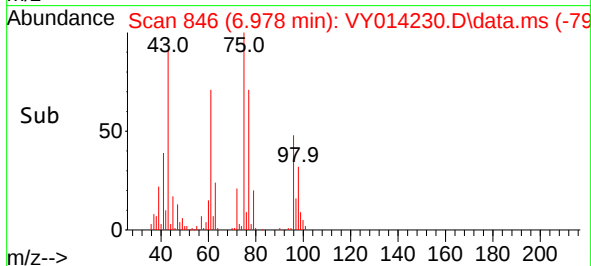
98 65.0 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#28

Bromochloromethane

Concen: 17.740 ug/l

RT: 7.331 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

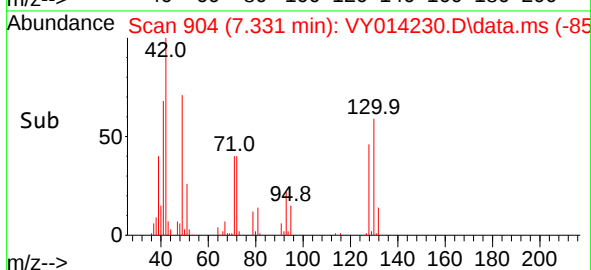
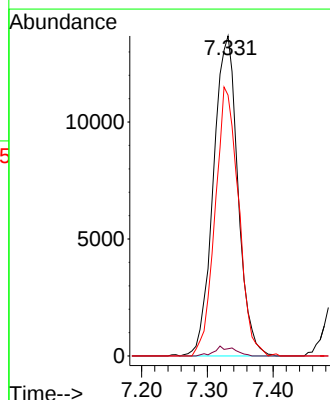
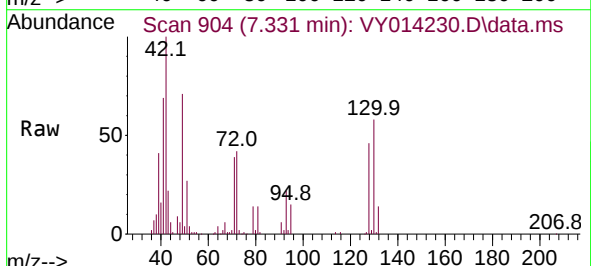
Tgt Ion: 49 Resp: 35551

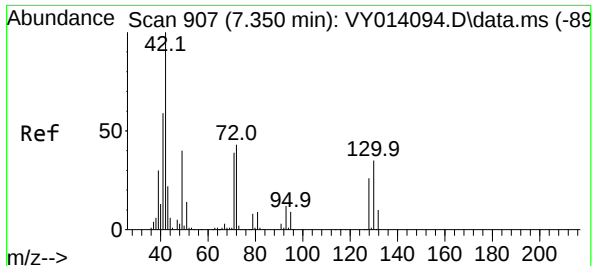
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 80.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 91.727 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

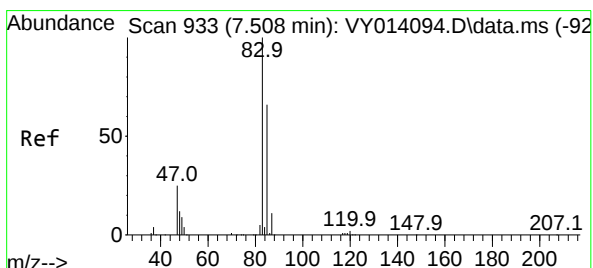
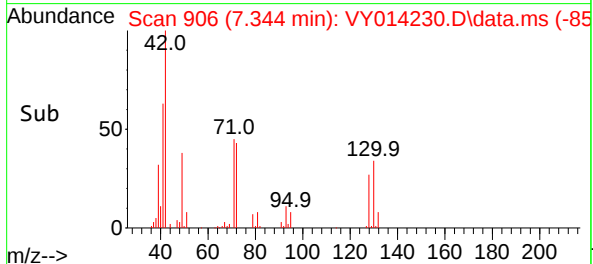
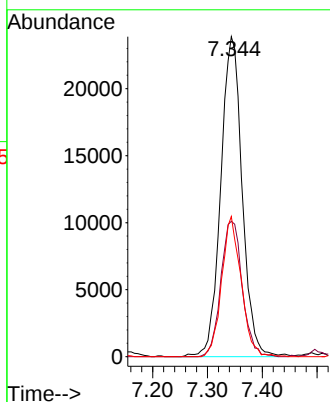
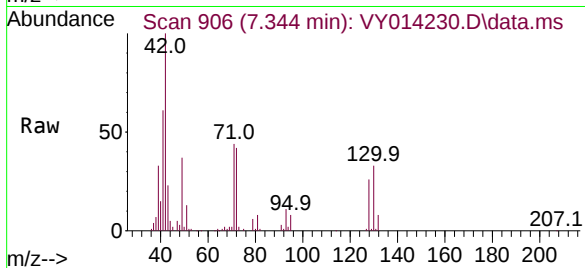
Tgt Ion:	42	Resp:	6482
Ion Ratio	Lower	Upper	
42	100		
72	42.2	32.8	49.2
71	39.9	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#30

Chloroform

Concen: 18.014 ug/l

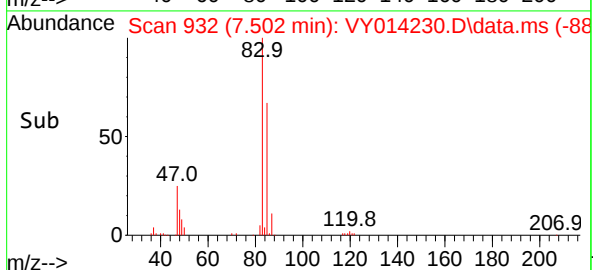
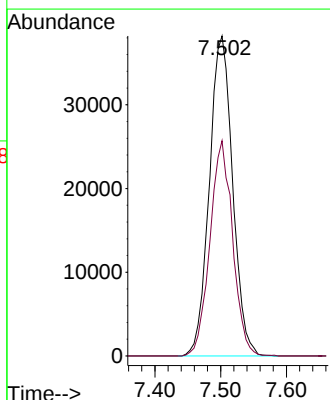
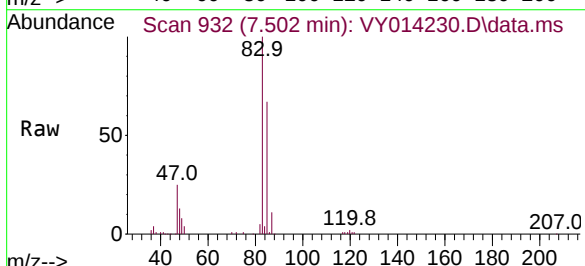
RT: 7.502 min Scan# 932

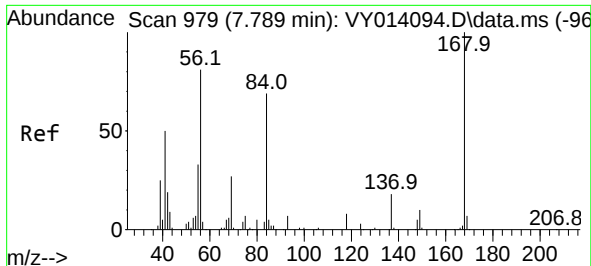
Delta R.T. -0.006 min

Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

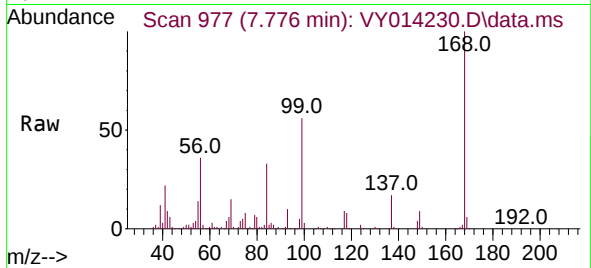
Tgt Ion:	83	Resp:	94176
Ion Ratio	Lower	Upper	
83	100		
85	67.3	49.7	74.5





#31
Cyclohexane
Concen: 18.847 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

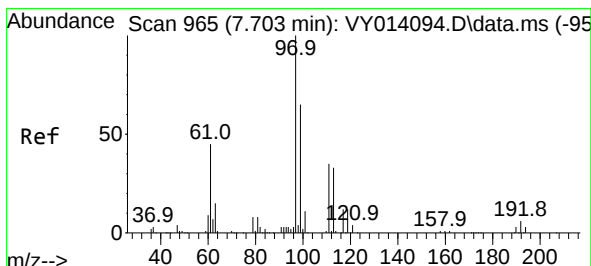
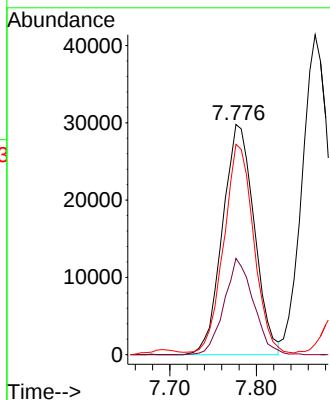
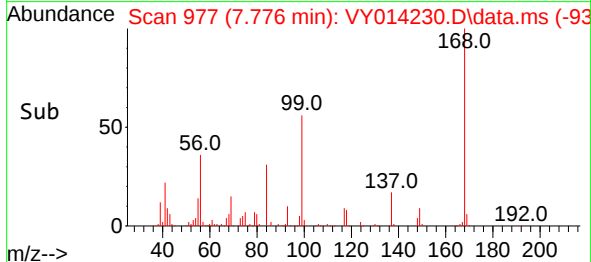
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 56 Resp: 75829
Ion Ratio Lower Upper
56 100
69 41.9 27.8 41.6
84 90.1 66.4 99.6

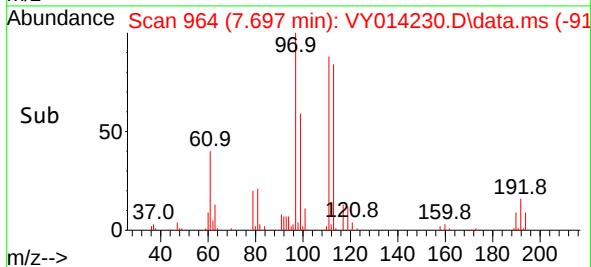
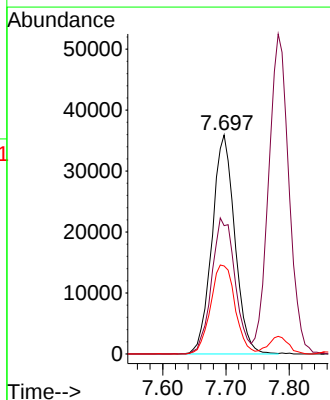
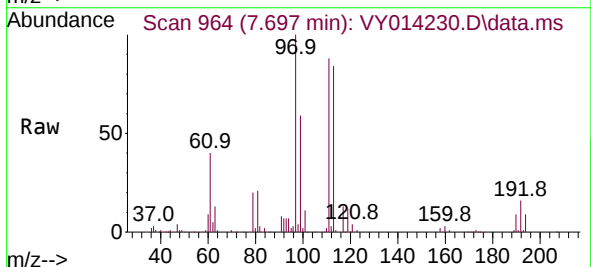
Manual Integrations
APPROVED

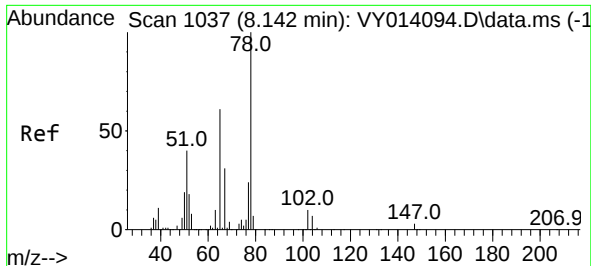
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#32
1,1,1-Trichloroethane
Concen: 18.961 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion: 97 Resp: 89406
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 43.7 35.1 52.7





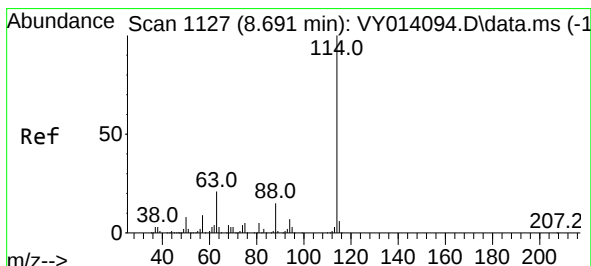
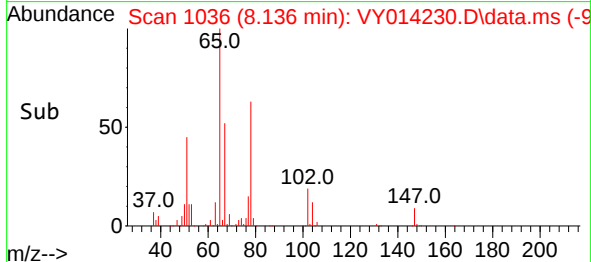
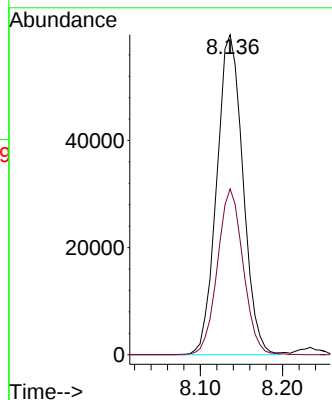
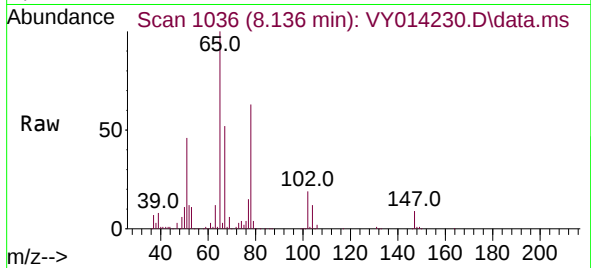
#33
1,2-Dichloroethane-d4
Concen: 44.129 ug/l
RT: 8.136 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 65 Resp: 13254
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

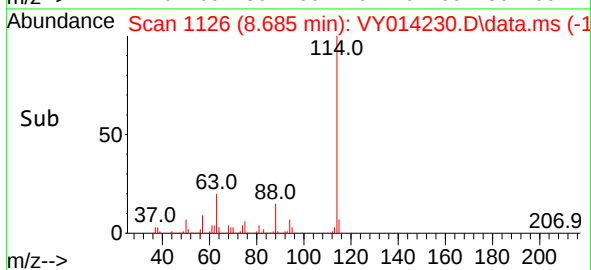
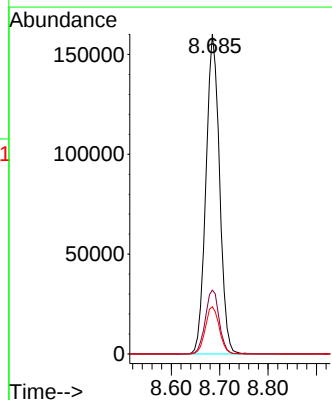
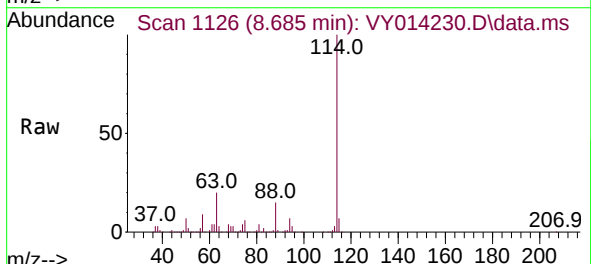
Manual Integrations
APPROVED

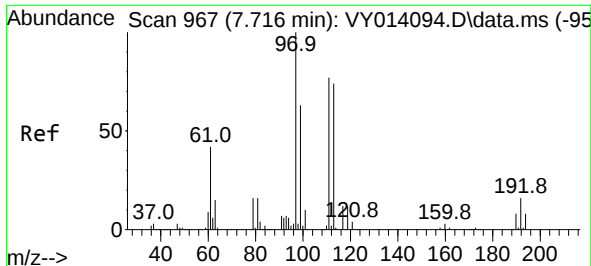
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

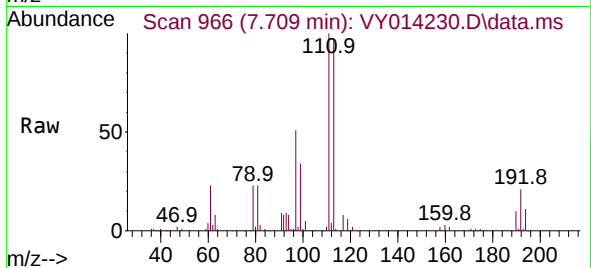
Tgt Ion:114 Resp: 312722
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 14.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.093 ug/l
RT: 7.709 min Scan# 909
Delta R.T. -0.007 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

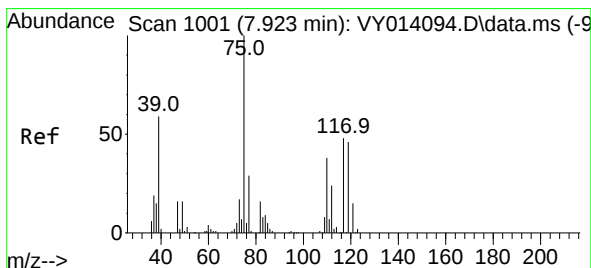
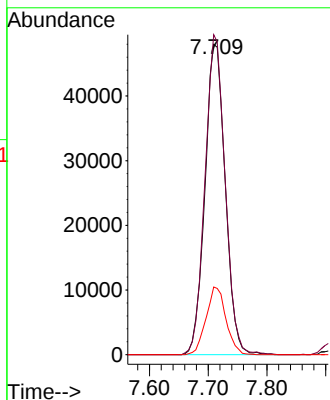
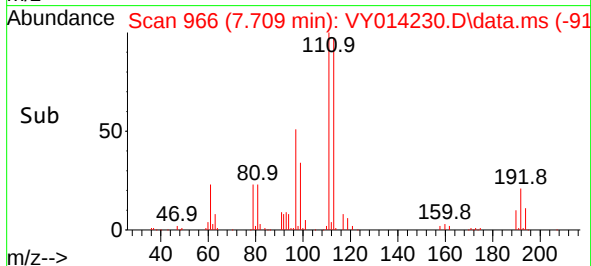
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 113 Resp: 115529
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 21.4 16.9 25.3

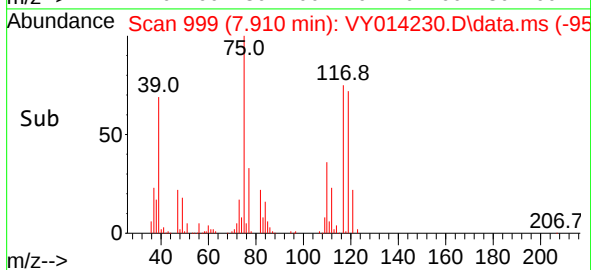
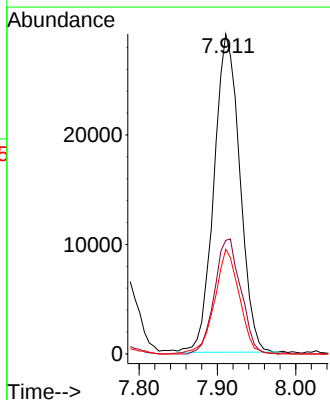
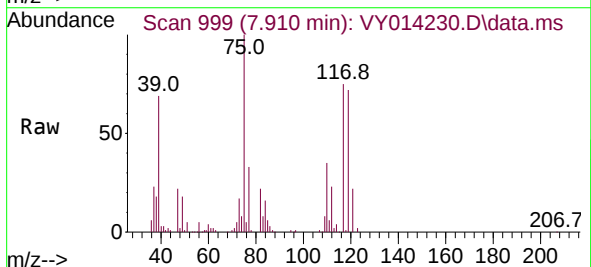
Manual Integrations
APPROVED

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



#36
1,1-Dichloropropene
Concen: 19.270 ug/l
RT: 7.910 min Scan# 999
Delta R.T. -0.013 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion: 75 Resp: 66627
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 18.850 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

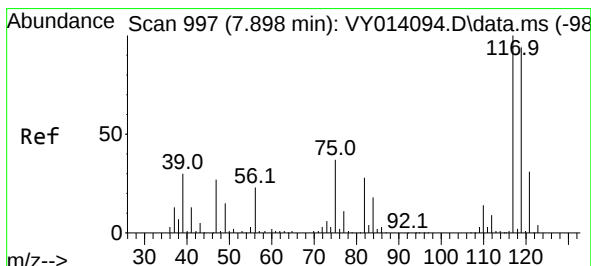
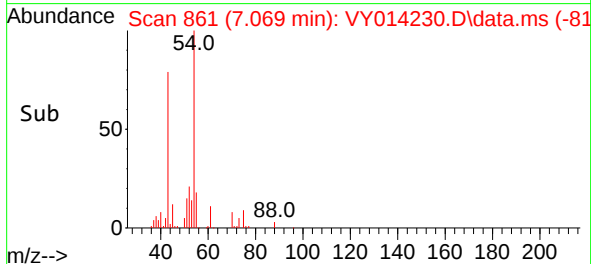
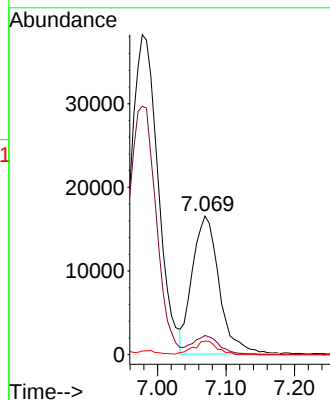
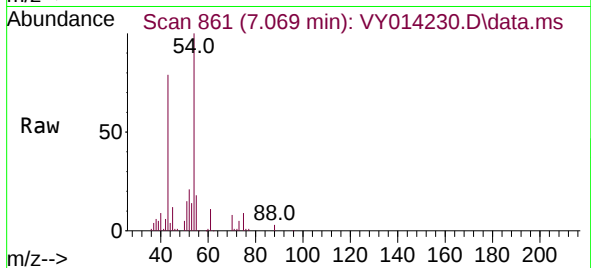
VY0619SBS01

Tgt Ion: 43 Resp: 4496

Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.1	15.1
70	8.8	7.1	10.7

Manual Integrations
APPROVED

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



#38

Carbon Tetrachloride

Concen: 21.131 ug/l

RT: 7.892 min Scan# 996

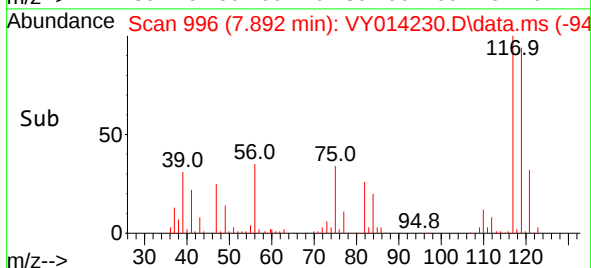
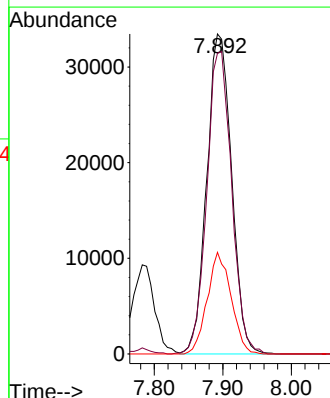
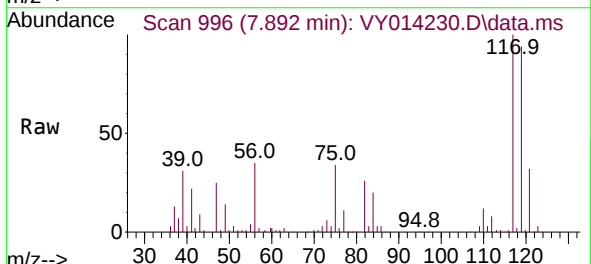
Delta R.T. -0.006 min

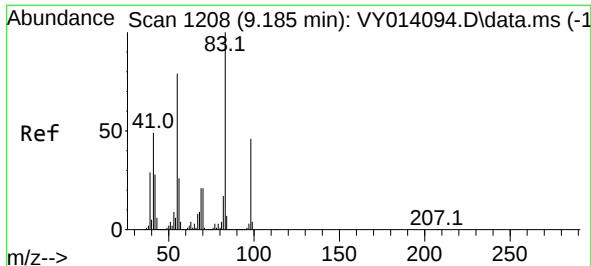
Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

Tgt Ion:117 Resp: 84309

Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.4	114.6
121	31.8	25.8	38.6





#39

Methylcyclohexane

Concen: 19.985 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014230.D

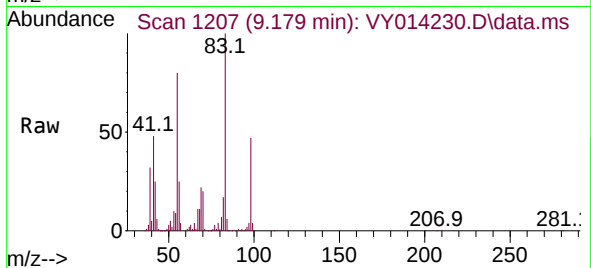
Acq: 19 Jun 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01



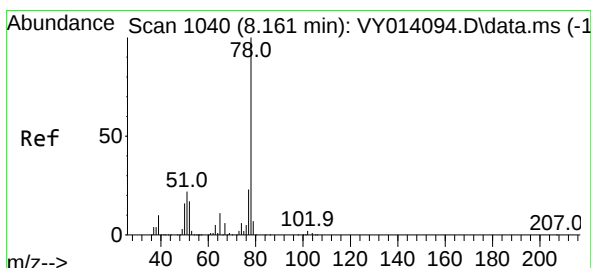
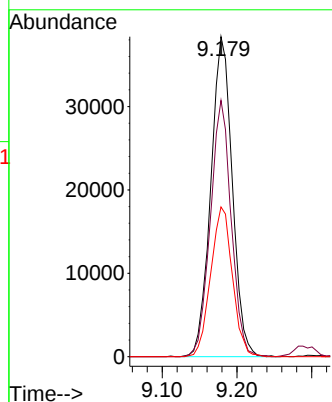
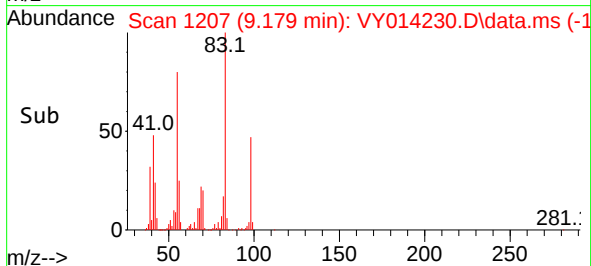
Tgt Ion:	83	Resp:	76664
Ion	Ratio	Lower	Upper
83	100		
55	80.1	63.0	94.4
98	46.8	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#40

Benzene

Concen: 19.114 ug/l

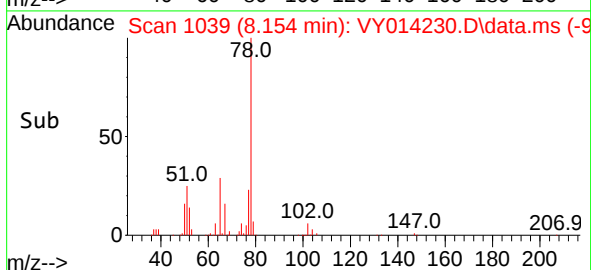
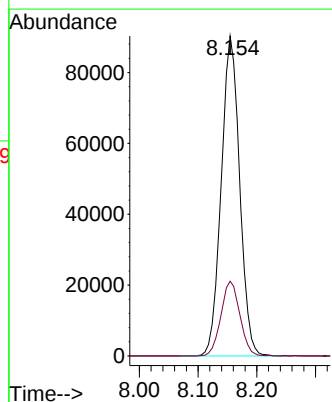
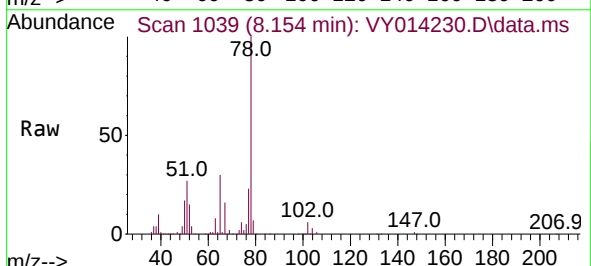
RT: 8.154 min Scan# 1039

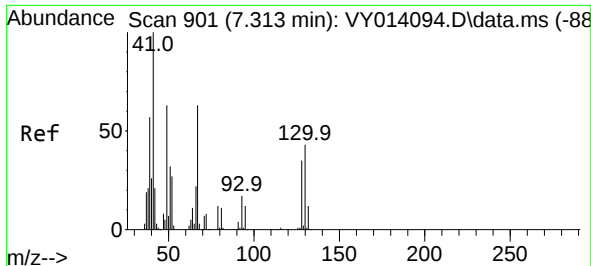
Delta R.T. -0.007 min

Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

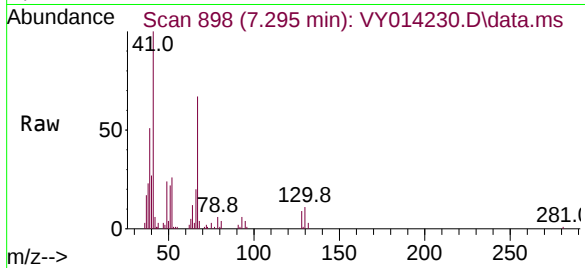
Tgt Ion:	78	Resp:	196511
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6





#41
Methacrylonitrile
Concen: 17.513 ug/l m
RT: 7.295 min Scan# 898
Delta R.T. -0.018 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

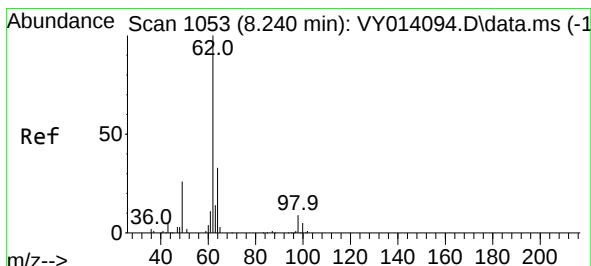
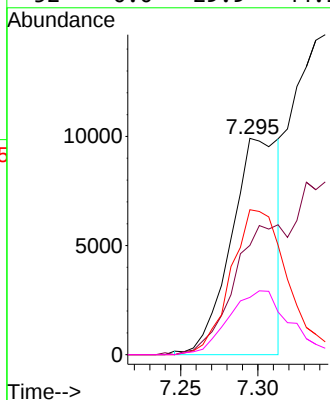
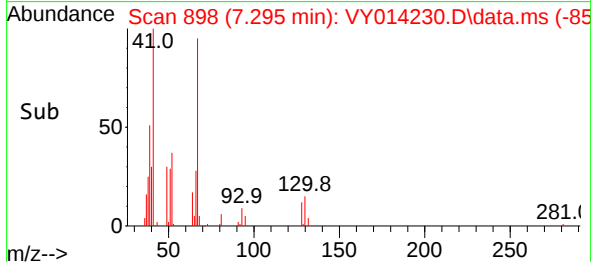
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01



Tgt Ion: 41 Resp: 2132
Ion Ratio Lower Upper
41 100
39 88.7 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

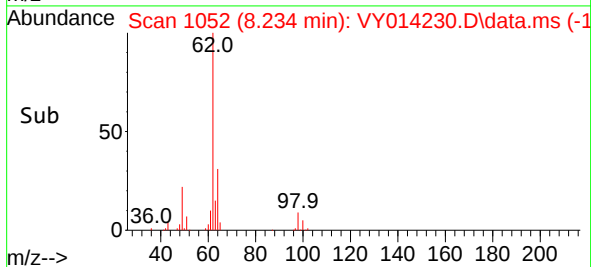
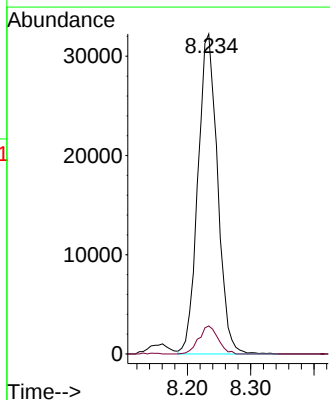
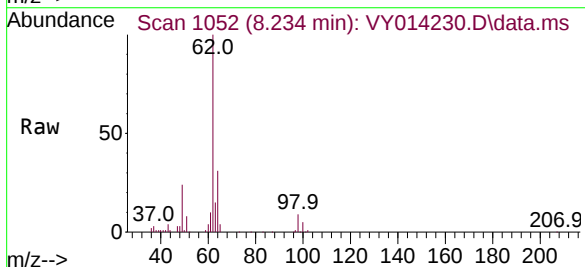
Manual Integrations
APPROVED

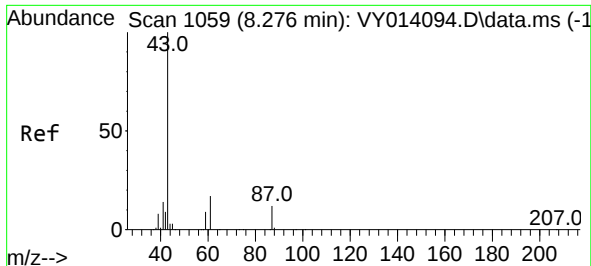
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#42
1,2-Dichloroethane
Concen: 19.182 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion: 62 Resp: 69739
Ion Ratio Lower Upper
62 100
98 8.6 0.0 15.8





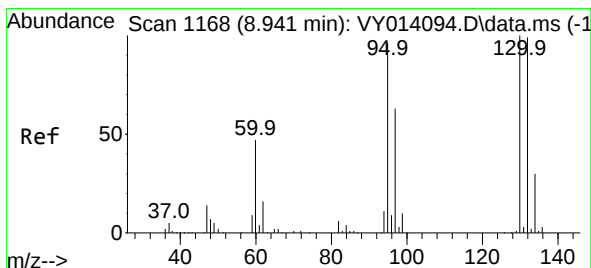
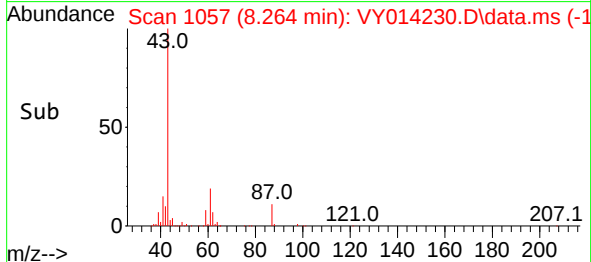
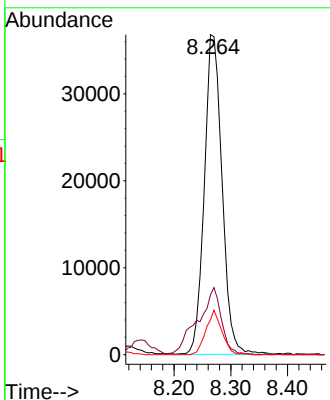
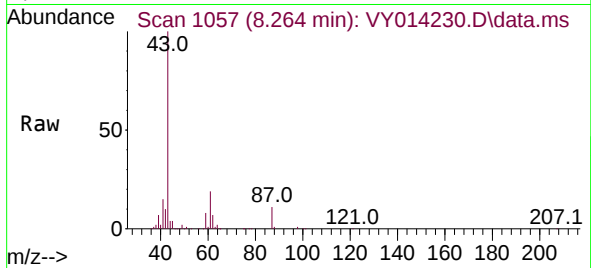
#43
Isopropyl Acetate
Concen: 19.102 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.012 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 43 Resp: 7987
Ion Ratio Lower Upper
43 100
61 28.1 21.1 31.7
87 12.5 9.8 14.8

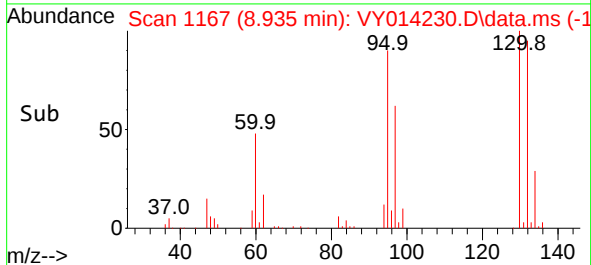
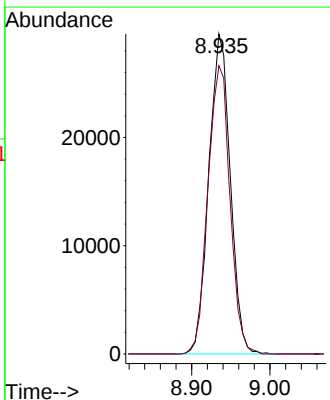
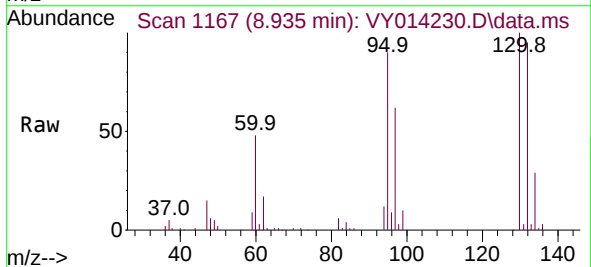
Manual Integrations
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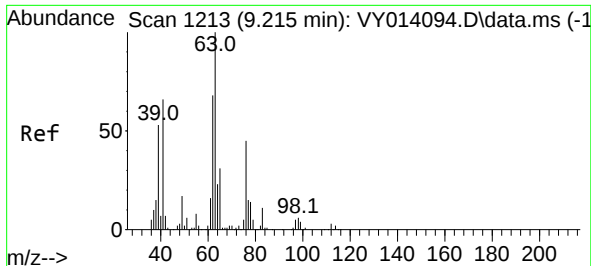
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#44
Trichloroethene
Concen: 20.508 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion:130 Resp: 56334
Ion Ratio Lower Upper
130 100
95 90.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.378 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tgt Ion: 63 Resp: 47994

Ion Ratio Lower Upper

63 100

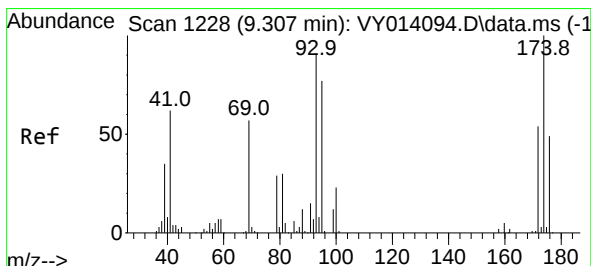
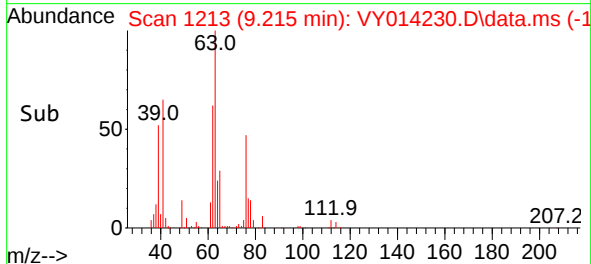
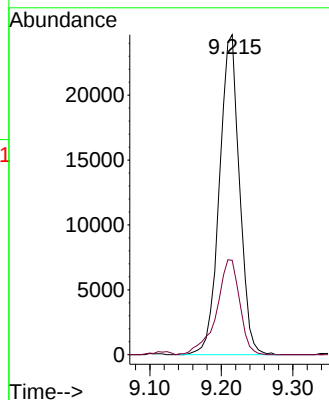
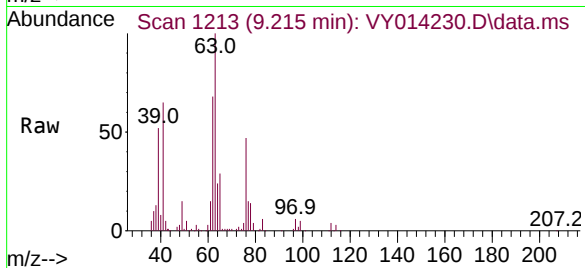
65 29.5 23.8 35.6

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Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#46

Dibromomethane

Concen: 18.616 ug/l

RT: 9.300 min Scan# 1227

Delta R.T. -0.007 min

Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

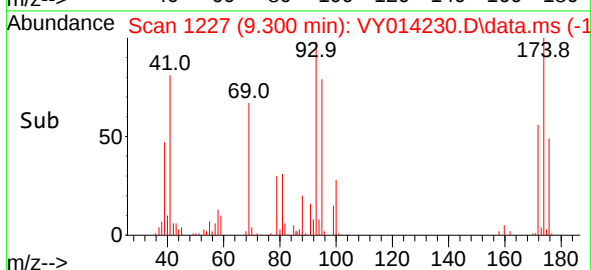
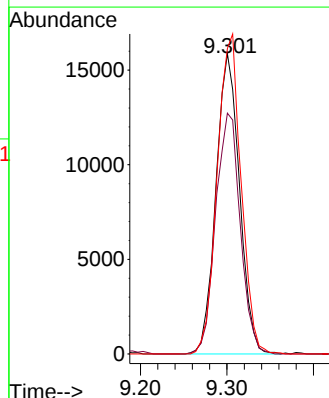
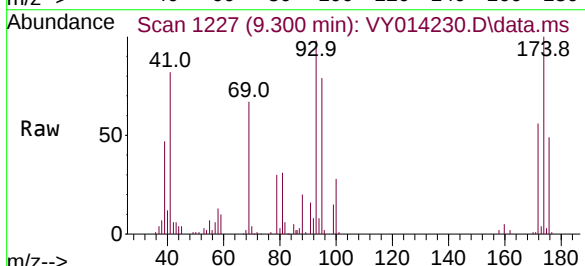
Tgt Ion: 93 Resp: 29925

Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

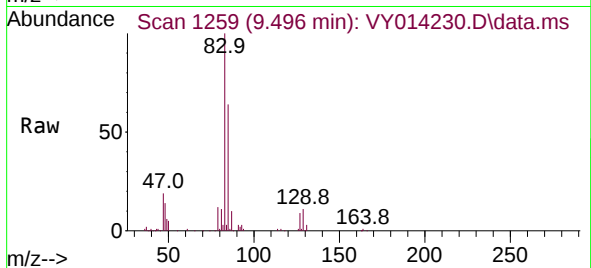
174 108.2 84.8 127.2





#47
Bromodichloromethane
Concen: 19.629 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

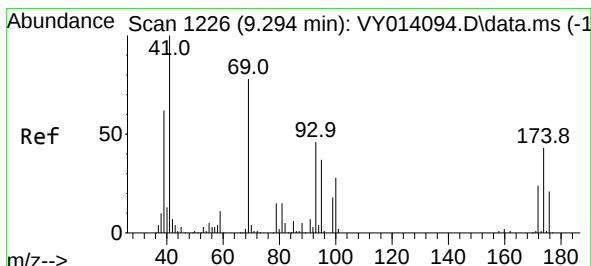
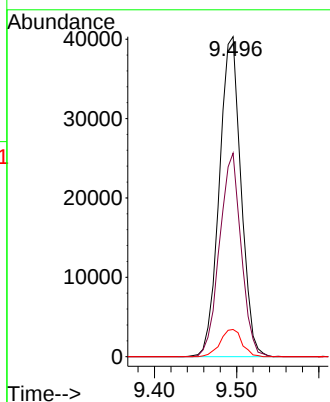
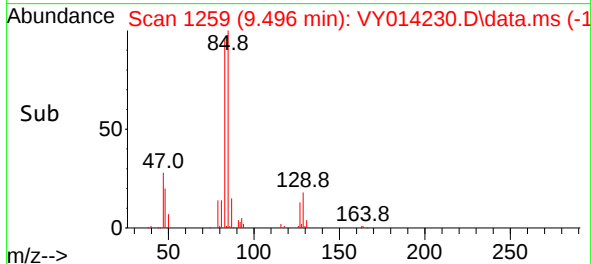
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01



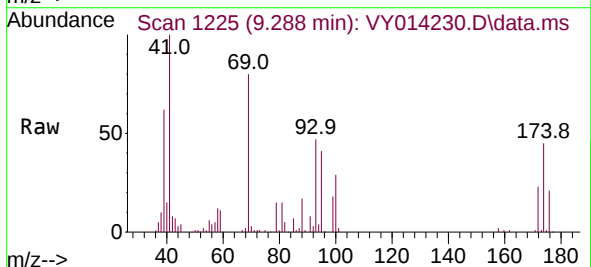
Tgt Ion: 83 Resp: 73880
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 8.5 7.1 10.7

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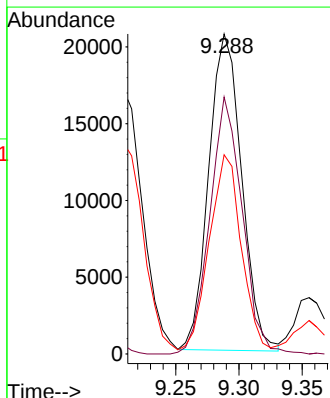
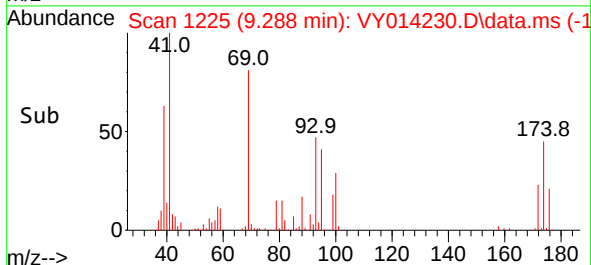
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

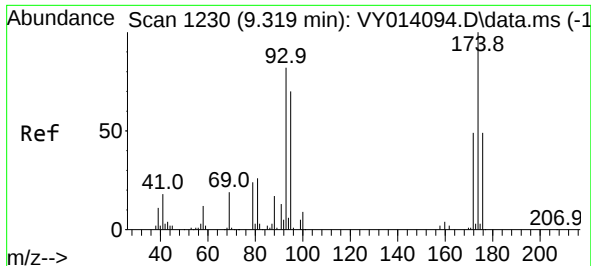


#48
Methyl methacrylate
Concen: 19.123 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46



Tgt Ion: 41 Resp: 37294
Ion Ratio Lower Upper
41 100
69 80.1 64.5 96.7
39 59.8 50.8 76.2





#49

1,4-Dioxane

Concen: 381.434 ug/l

RT: 9.288 min Scan# 1225

Delta R.T. -0.031 min

Lab File: VY014230.D

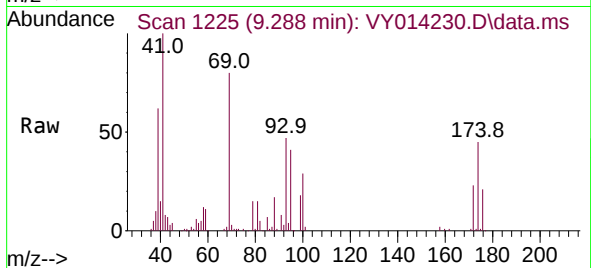
Acq: 19 Jun 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01



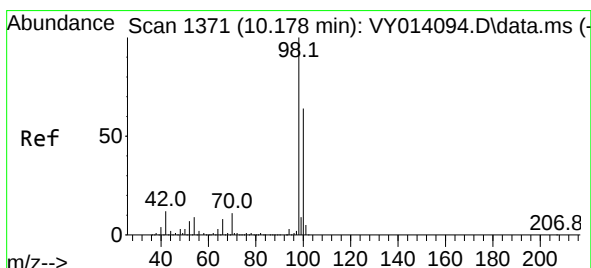
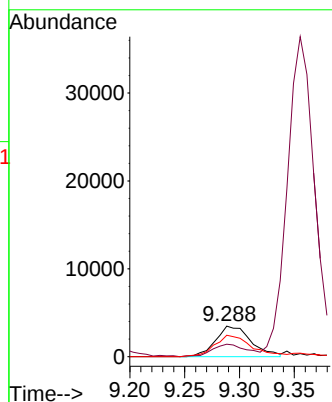
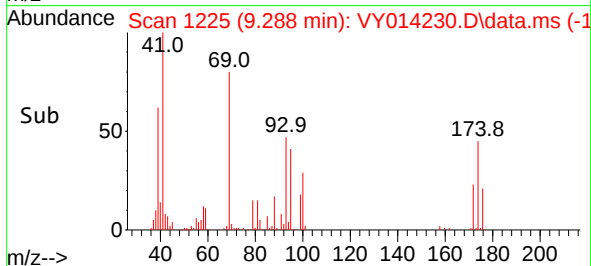
Tgt Ion:	88	Resp:	779
Ion Ratio	Lower	Upper	
88	100		
43	40.7	0.0	0.0
58	73.4	30.9	46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#50

Toluene-d8

Concen: 48.120 ug/l

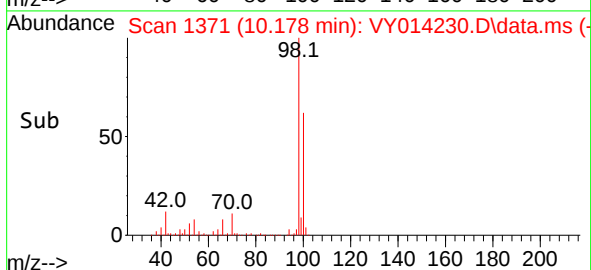
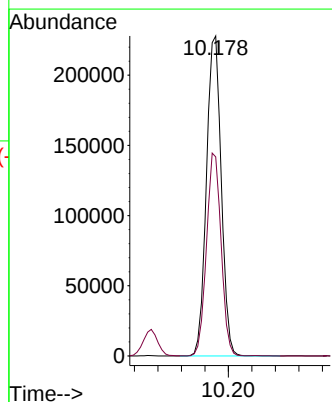
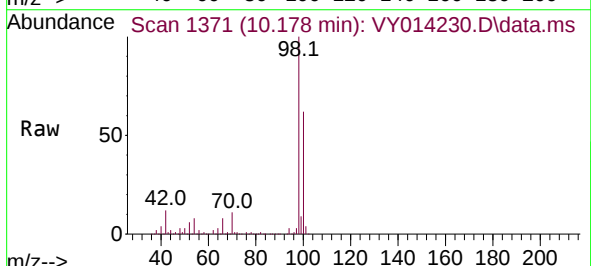
RT: 10.178 min Scan# 1371

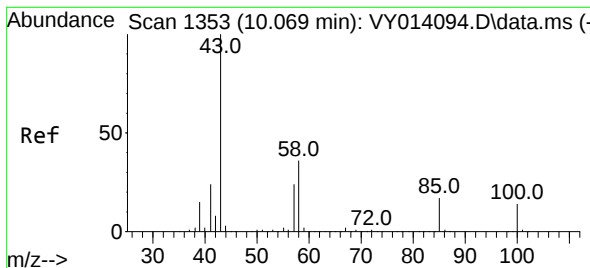
Delta R.T. 0.000 min

Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

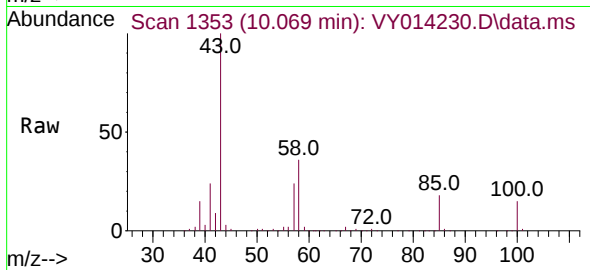
Tgt Ion:	98	Resp:	398980
Ion Ratio	Lower	Upper	
98	100		
100	62.6	50.1	75.1





#51
4-Methyl-2-Pentanone
Concen: 98.548 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

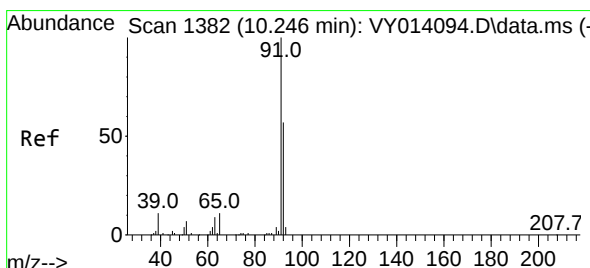
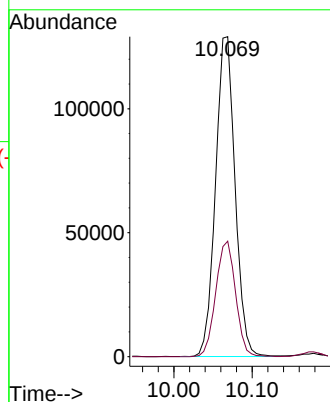
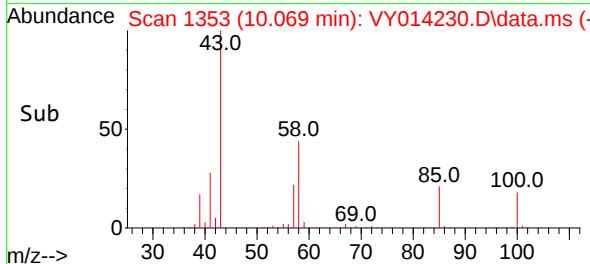
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 43 Resp: 22386
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.6

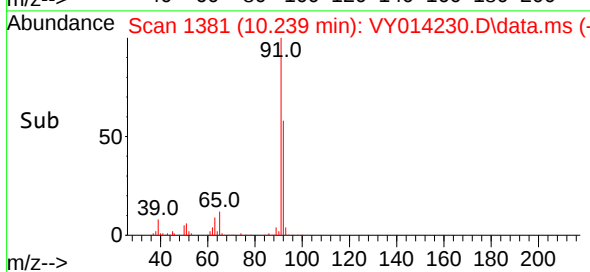
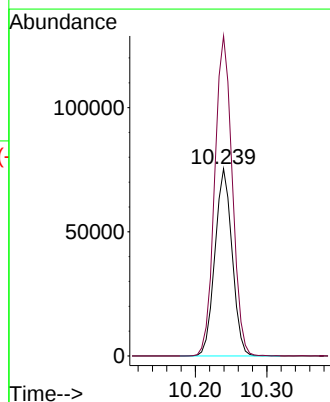
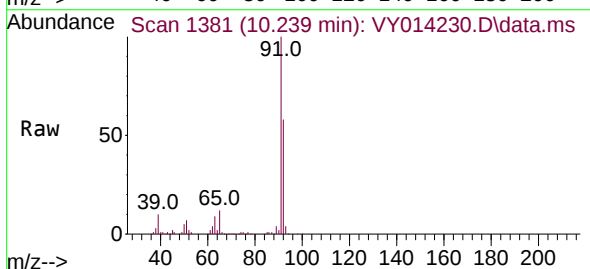
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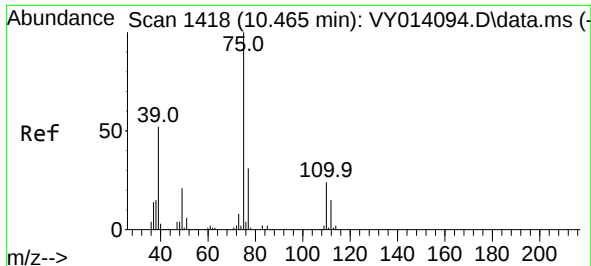
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#52
Toluene
Concen: 19.702 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.007 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion: 92 Resp: 125568
Ion Ratio Lower Upper
92 100
91 174.8 143.8 215.6





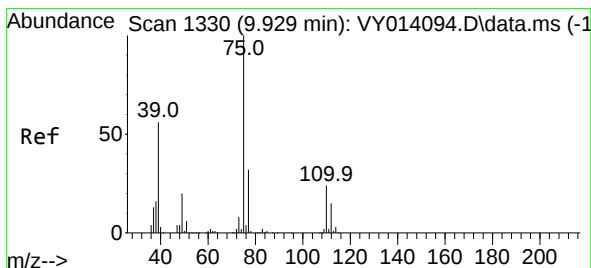
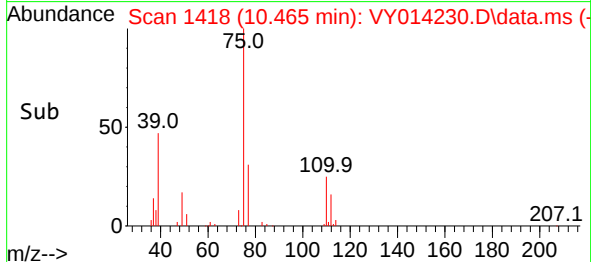
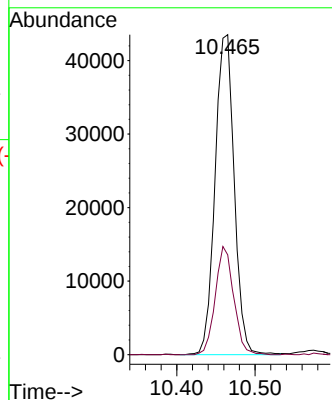
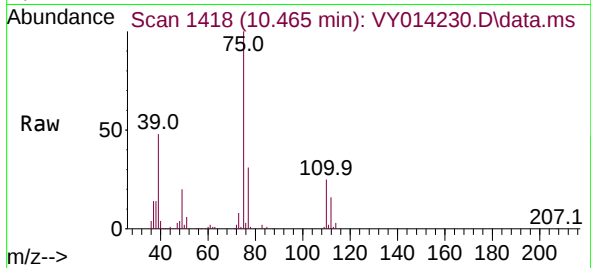
#53
t-1,3-Dichloropropene
Concen: 18.702 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 75 Resp: 7410
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4

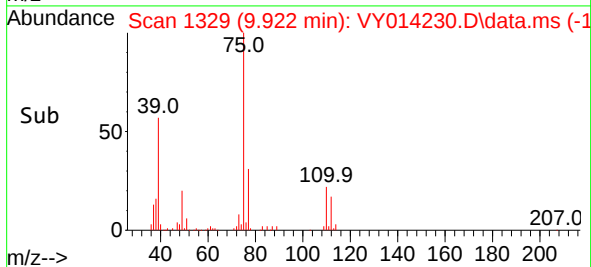
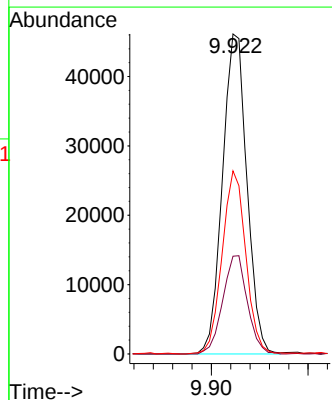
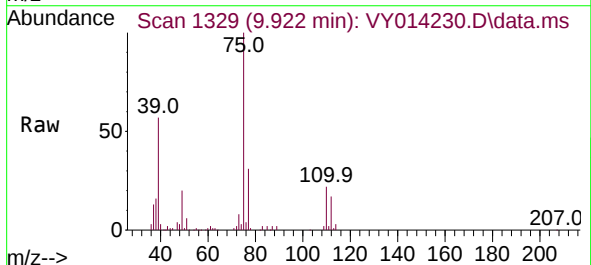
Manual Integrations
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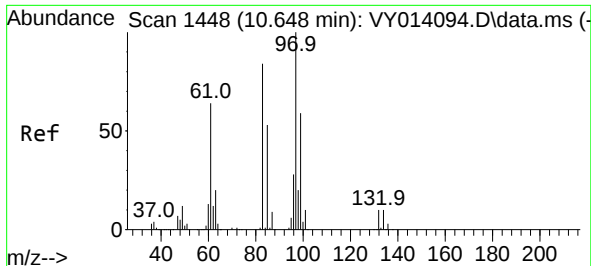
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#54
cis-1,3-Dichloropropene
Concen: 18.710 ug/l
RT: 9.922 min Scan# 1329
Delta R.T. -0.007 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

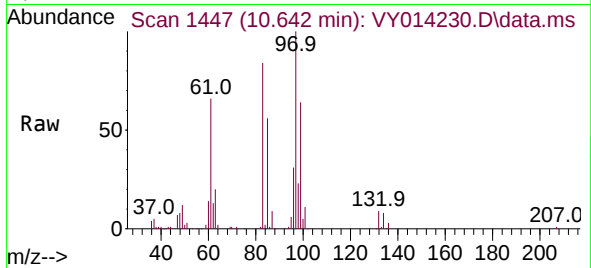
Tgt Ion: 75 Resp: 80886
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.4
39 57.2 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 19.985 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

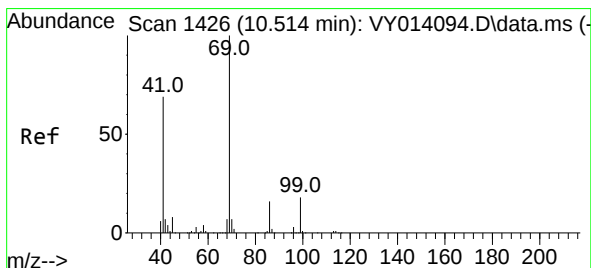
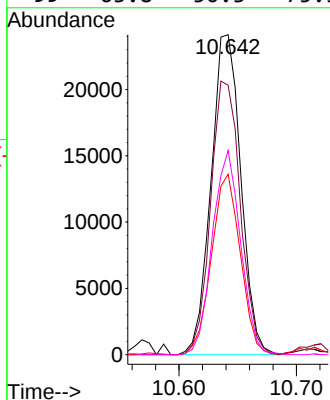
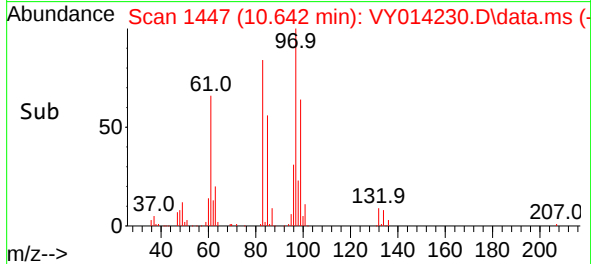
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion:	97	Resp:	4261
Ion	Ratio	Lower	Upper
97	100		
83	84.2	72.0	108.0
85	56.4	45.4	68.0
99	63.8	50.3	75.5

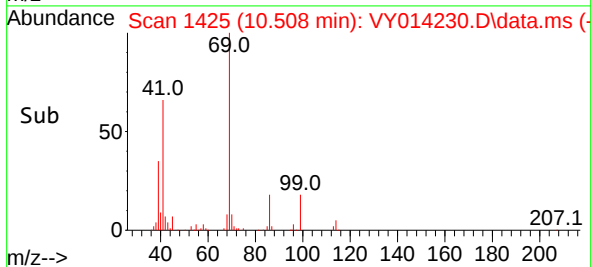
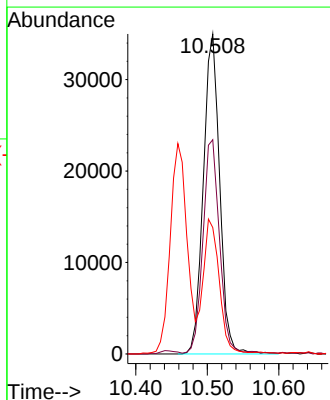
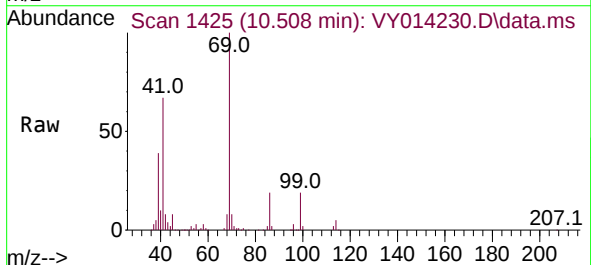
Manual Integrations
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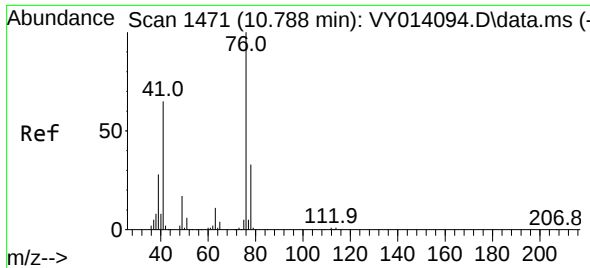
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#56
Ethyl methacrylate
Concen: 18.880 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

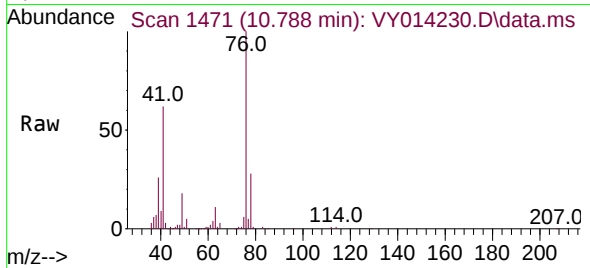
Tgt Ion:	69	Resp:	55523
Ion	Ratio	Lower	Upper
69	100		
41	67.4	57.6	86.4
39	40.5	34.1	51.1





#57
1,3-Dichloropropane
Concen: 19.270 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

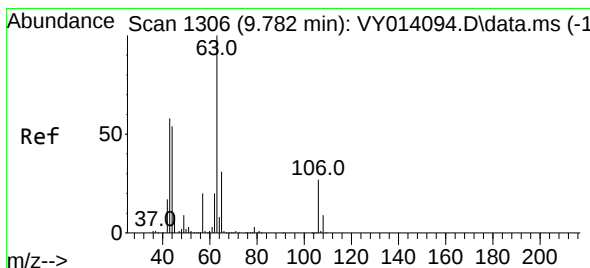
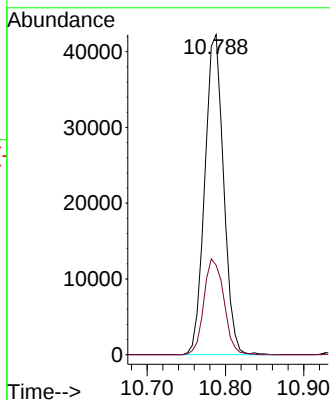
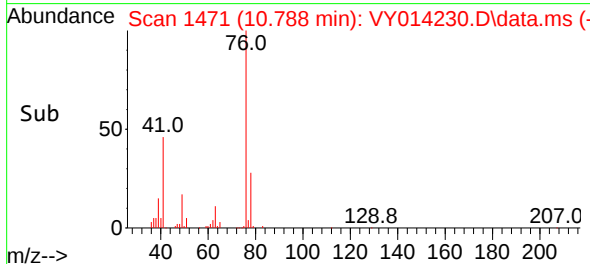
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01



Tgt Ion: 76 Resp: 70269
Ion Ratio Lower Upper
76 100
78 31.9 25.3 37.9

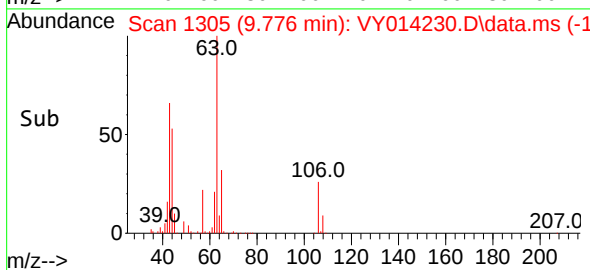
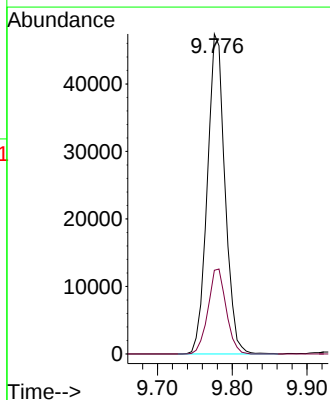
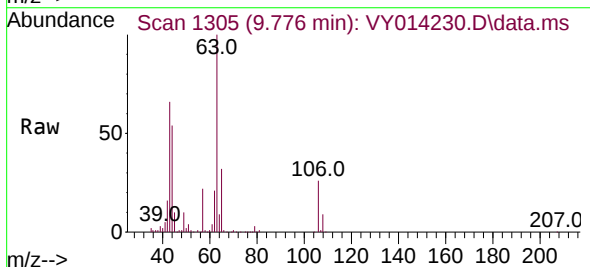
Manual Integrations
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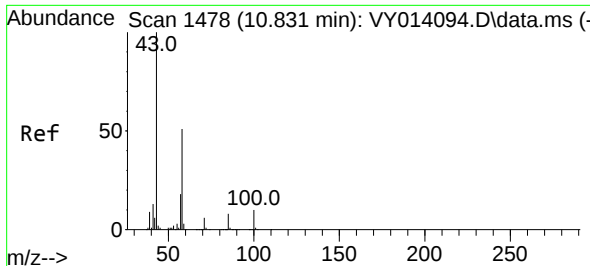
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 81.038 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

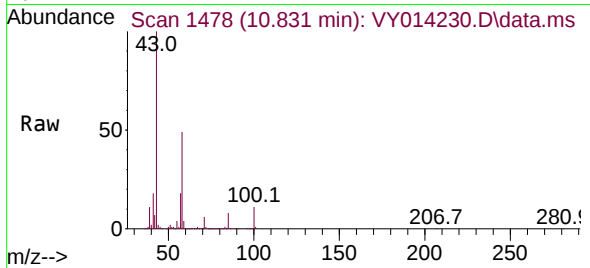
Tgt Ion: 63 Resp: 77789
Ion Ratio Lower Upper
63 100
106 27.3 21.2 31.8





#59
2-Hexanone
Concen: 98.475 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

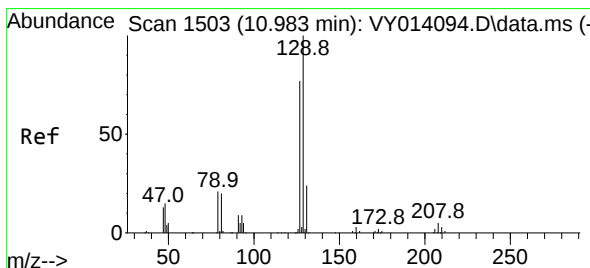
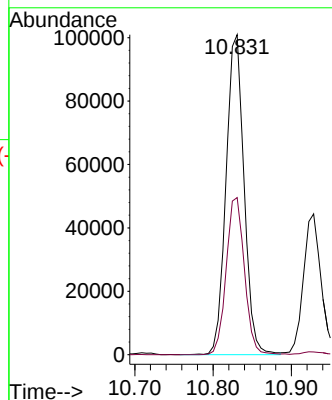
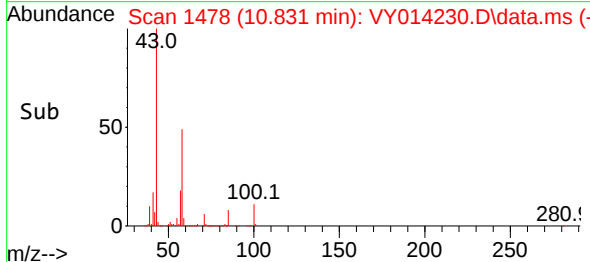
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 43 Resp: 16156
Ion Ratio Lower Upper
43 100
58 49.7 25.1 75.3

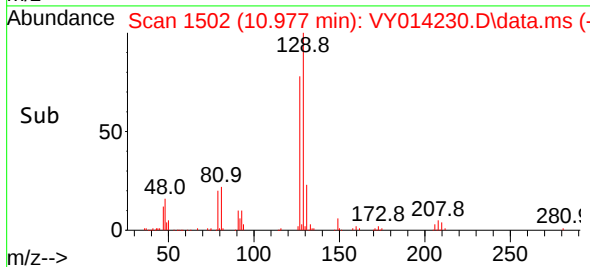
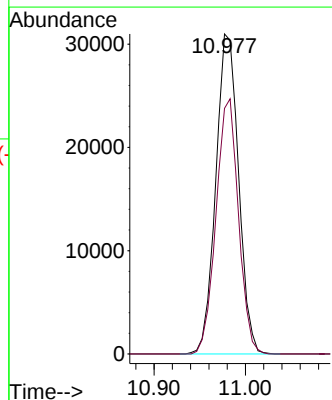
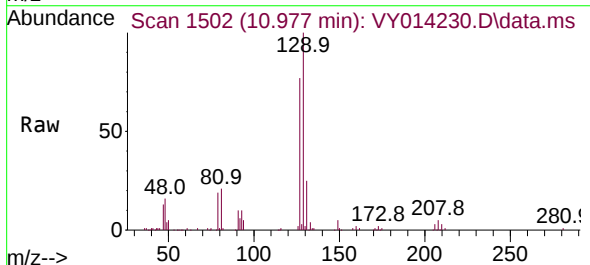
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 19.683 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

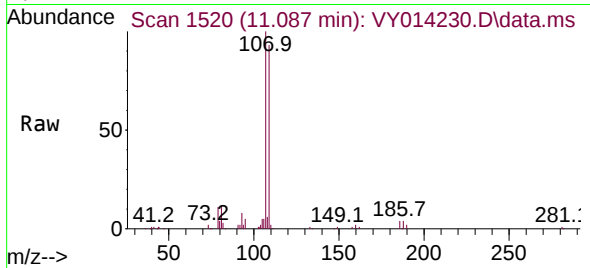
Tgt Ion:129 Resp: 53714
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.321 ug/l
RT: 11.087 min Scan# 11087
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

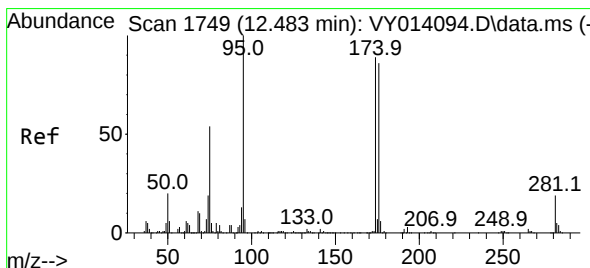
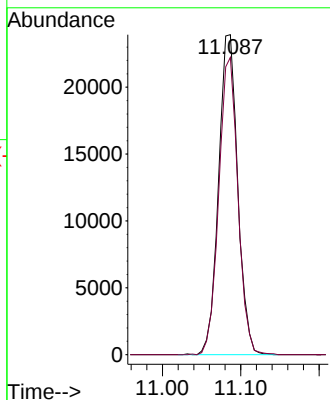
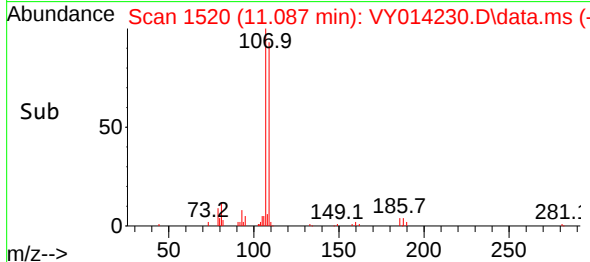
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



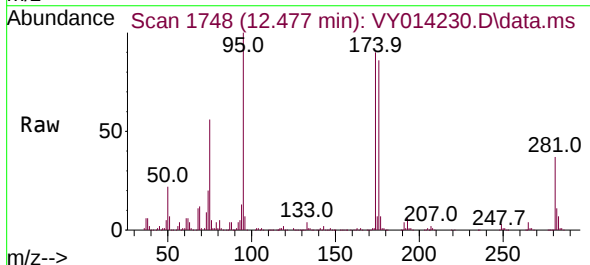
Tgt Ion:107 Resp: 40658
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4

Manual Integrations
APPROVED

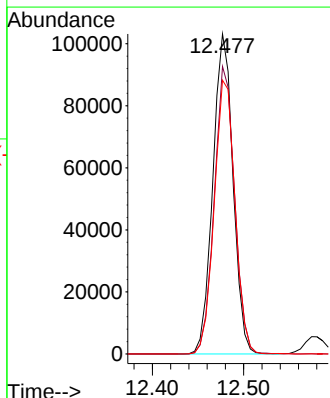
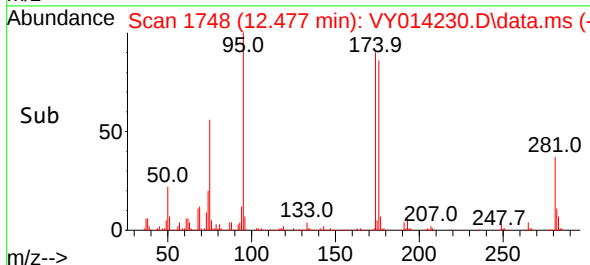
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#62
4-Bromofluorobenzene
Concen: 53.630 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46



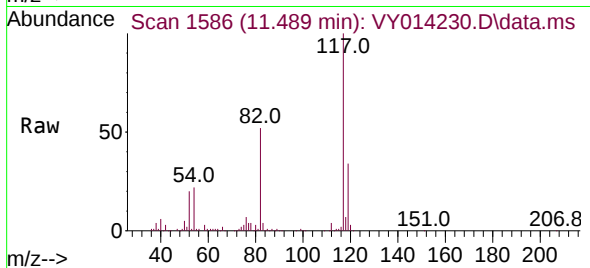
Tgt Ion: 95 Resp: 157957
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.2
176 88.1 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

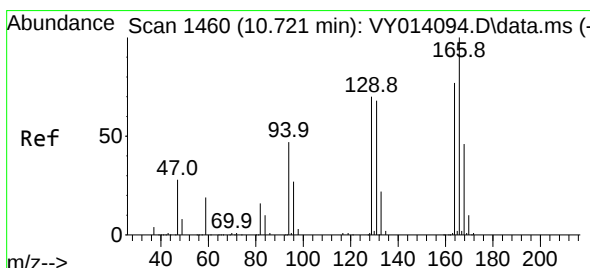
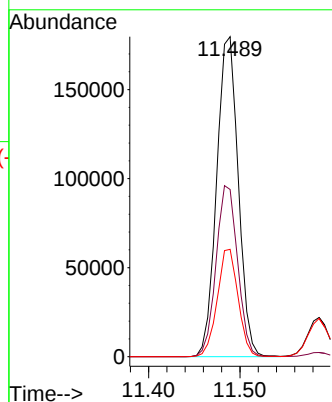
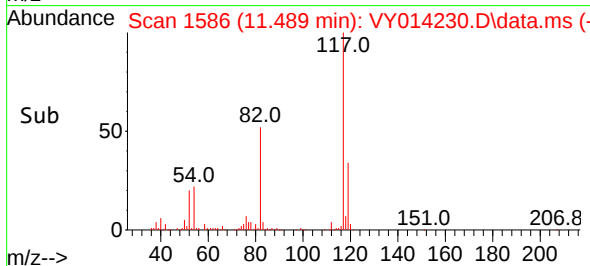
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion:117 Resp: 29547
Ion Ratio Lower Upper
117 100
82 52.2 43.4 65.0
119 33.6 26.3 39.5

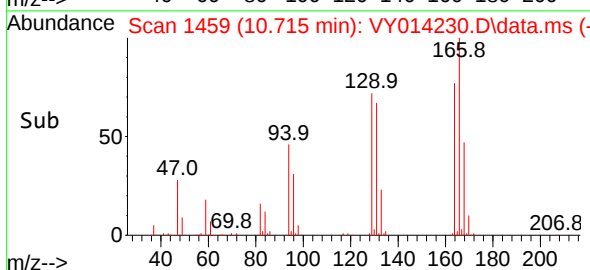
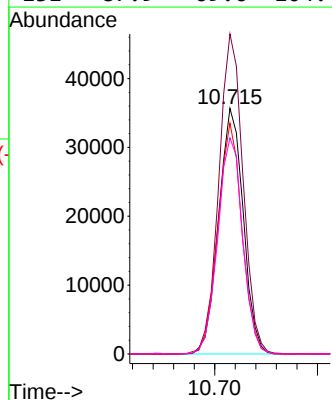
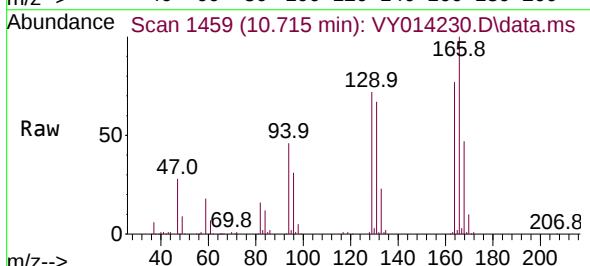
Manual Integrations
APPROVED

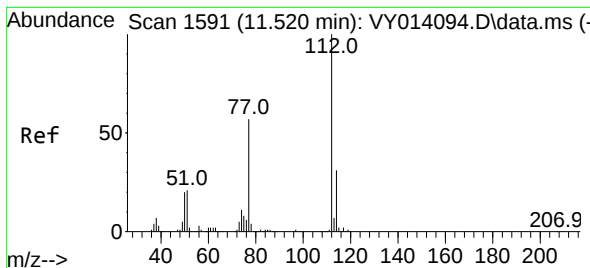
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#64
Tetrachloroethene
Concen: 23.540 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

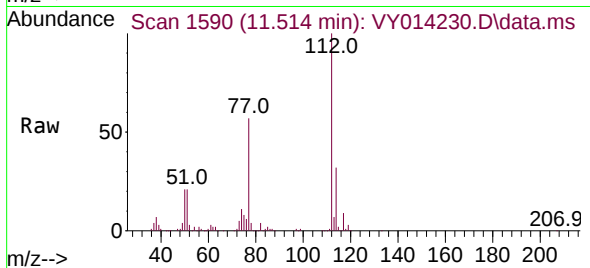
Tgt Ion:164 Resp: 59285
Ion Ratio Lower Upper
164 100
166 130.3 103.0 154.6
129 94.0 77.2 115.8
131 87.9 69.6 104.4





#65
Chlorobenzene
Concen: 19.167 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

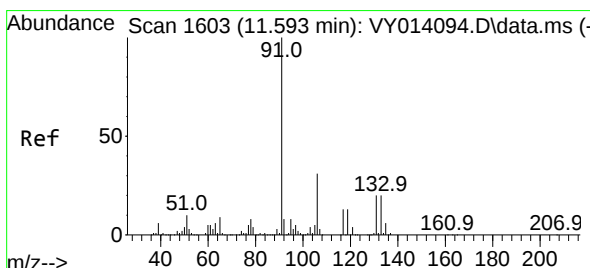
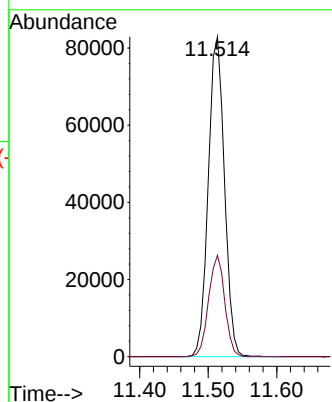
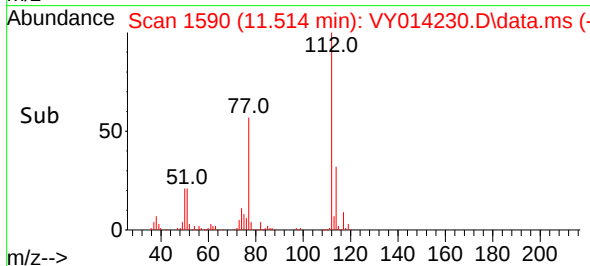
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



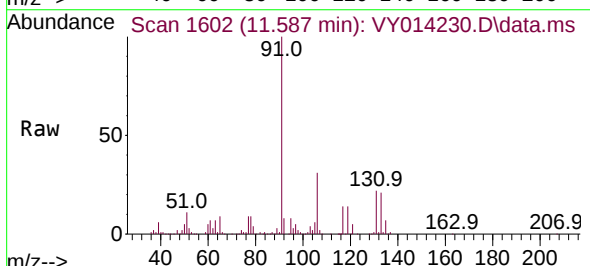
Tgt Ion:112 Resp: 136079
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3

Manual Integrations
APPROVED

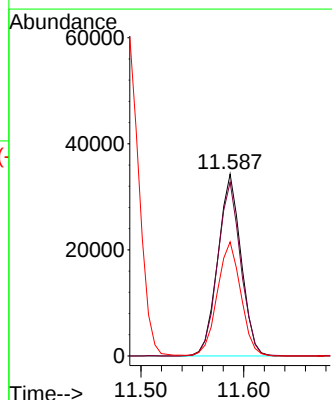
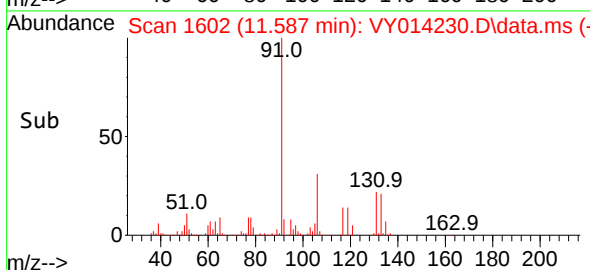
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

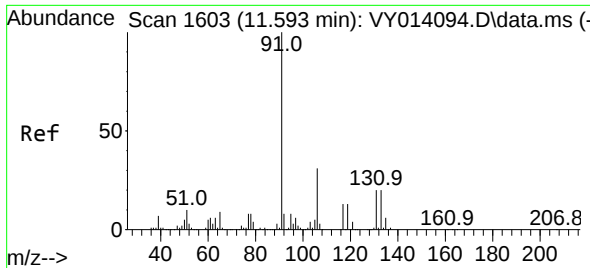


#66
1,1,1,2-Tetrachloroethane
Concen: 19.163 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46



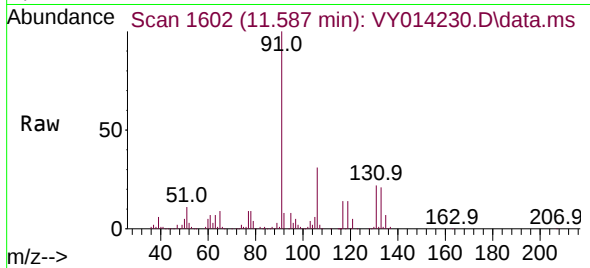
Tgt Ion:131 Resp: 53513
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 63.8 31.6 94.7





#67
Ethyl Benzene
Concen: 19.262 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

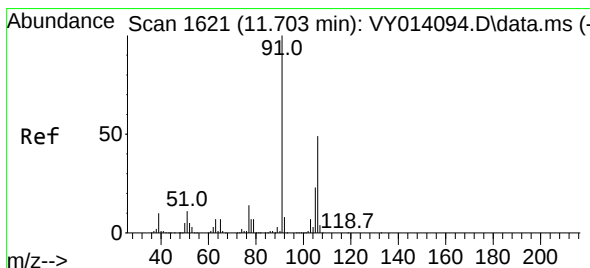
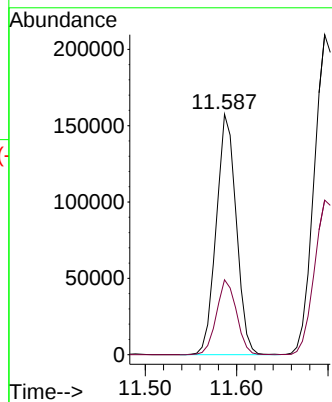
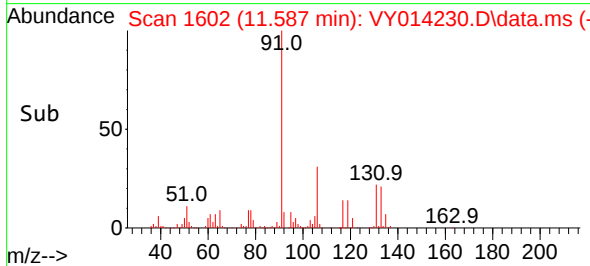
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 91 Resp: 239379
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8

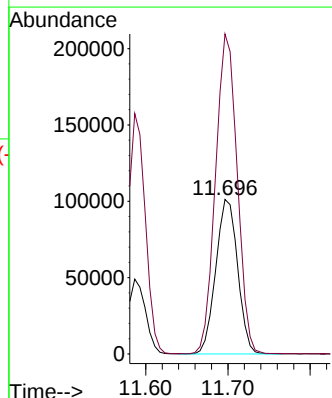
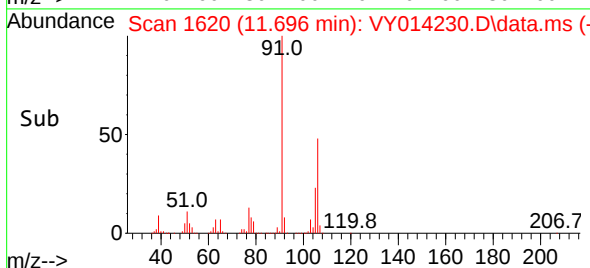
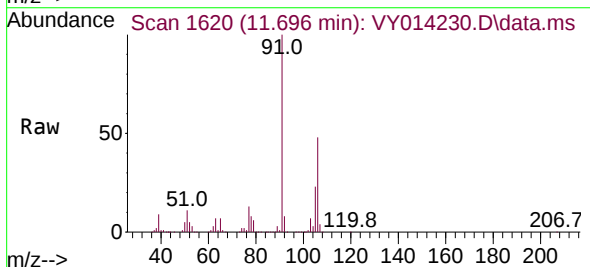
Manual Integrations
APPROVED

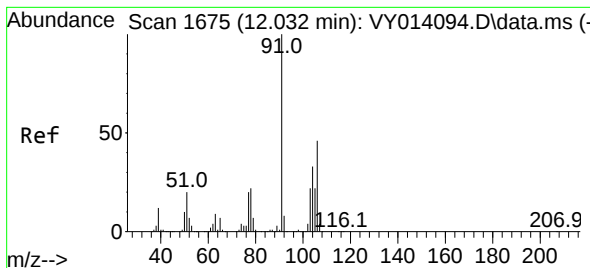
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#68
m/p-Xylenes
Concen: 39.202 ug/l
RT: 11.696 min Scan# 1620
Delta R.T. -0.007 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion:106 Resp: 187390
Ion Ratio Lower Upper
106 100
91 205.5 166.1 249.1





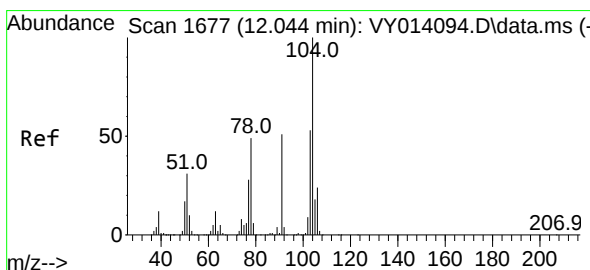
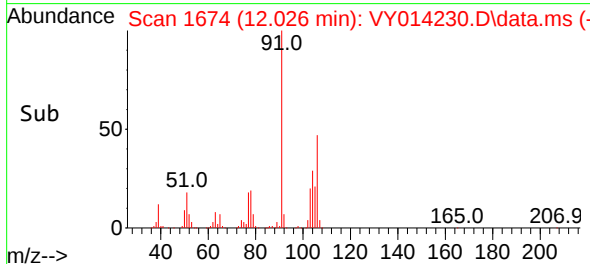
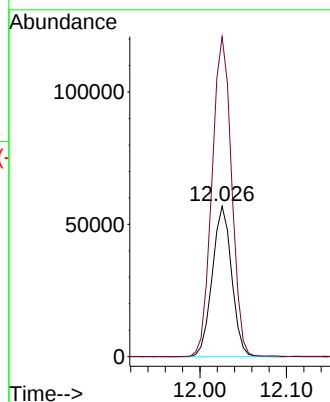
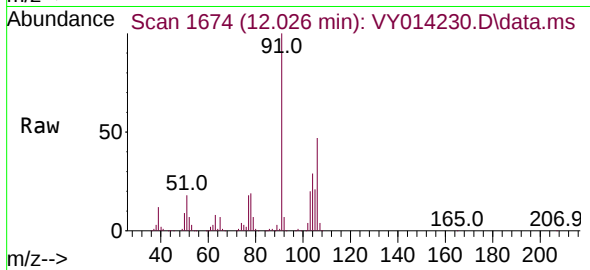
#69
o-Xylene
Concen: 19.555 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:106 Resp: 88374
Ion Ratio Lower Upper
106 100
91 215.8 108.1 324.3

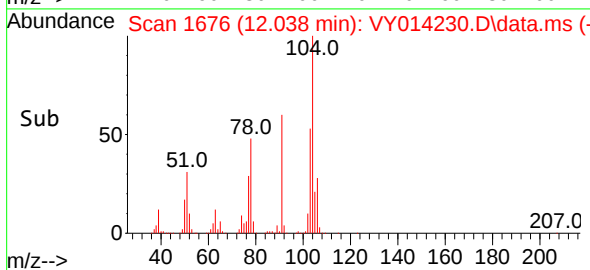
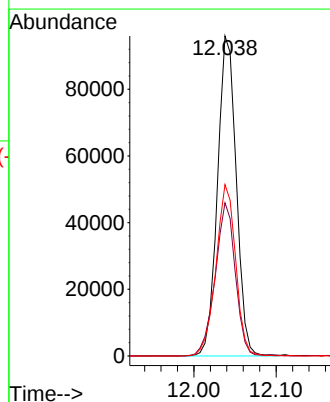
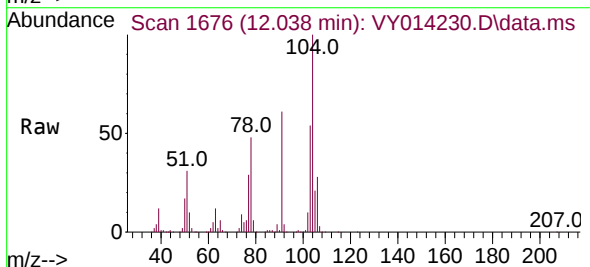
Manual Integrations
APPROVED

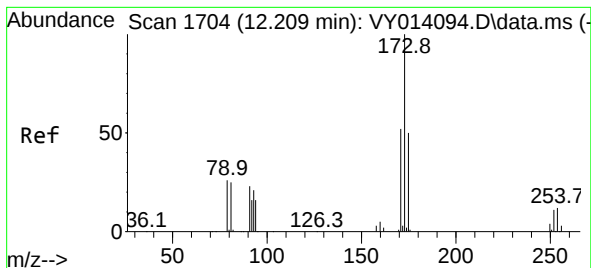
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#70
Styrene
Concen: 19.777 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion:104 Resp: 152548
Ion Ratio Lower Upper
104 100
78 51.3 41.5 62.3
103 56.2 44.6 67.0





#71

Bromoform

Concen: 19.836 ug/l

RT: 12.202 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

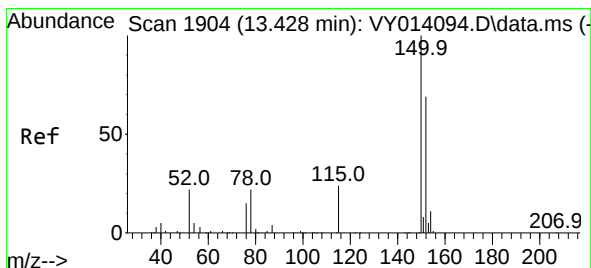
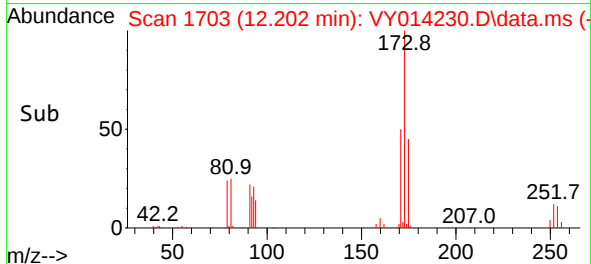
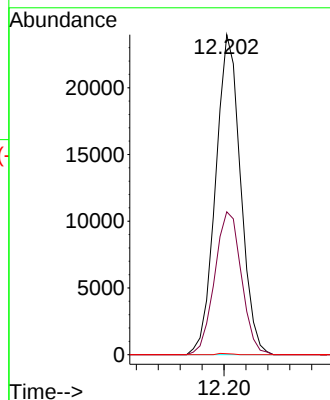
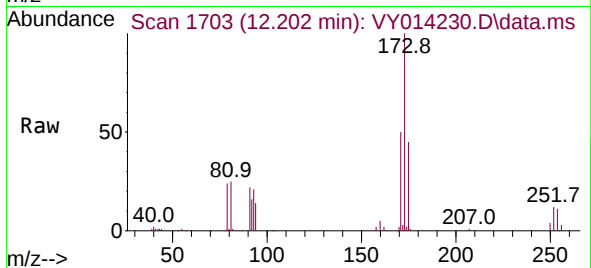
Tgt Ion:173	Resp:	37930
Ion Ratio	Lower	Upper
173	100	
175	47.8	24.6 73.8
254	0.2	0.2 0.2

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

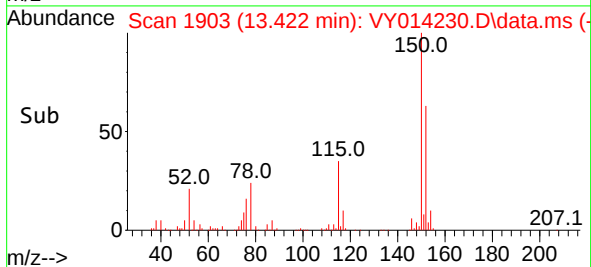
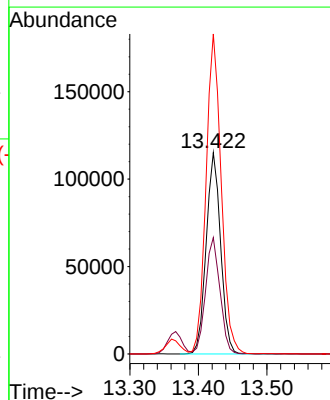
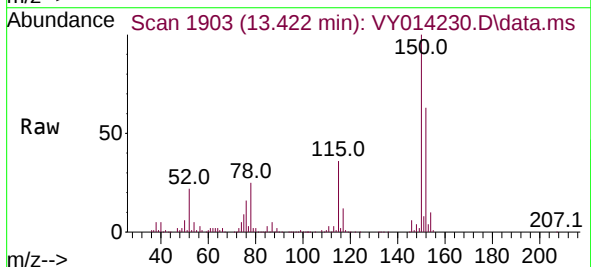
RT: 13.422 min Scan# 1903

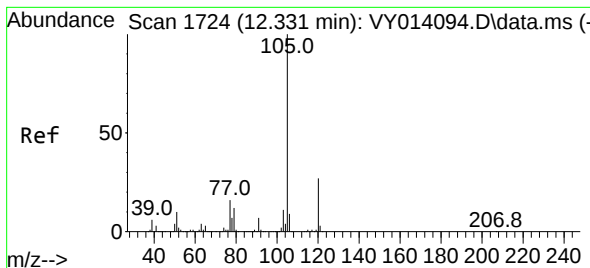
Delta R.T. -0.006 min

Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

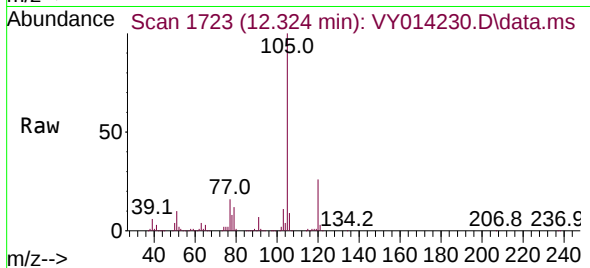
Tgt Ion:152	Resp:	168899
Ion Ratio	Lower	Upper
152	100	
115	57.6	28.8 86.5
150	166.5	0.0 348.8





#73
Isopropylbenzene
Concen: 18.681 ug/l
RT: 12.324 min Scan# 1723
Delta R.T. -0.007 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

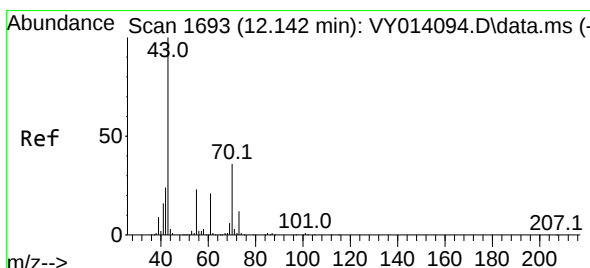
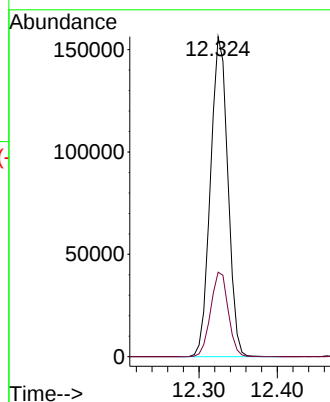
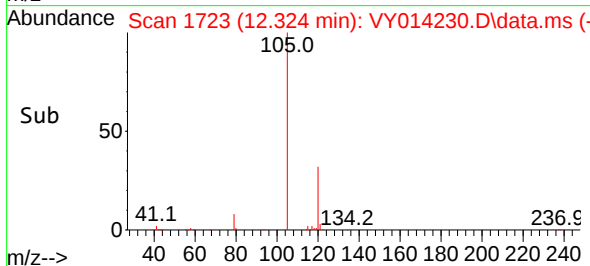
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



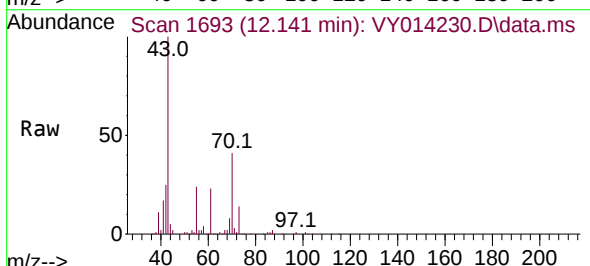
Tgt Ion:105 Resp: 240690
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

Manual Integrations
APPROVED

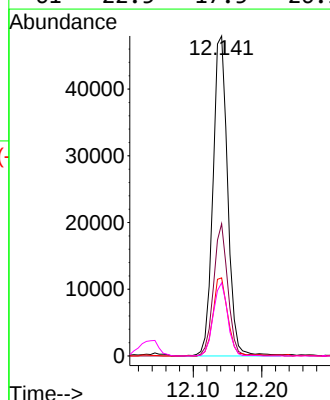
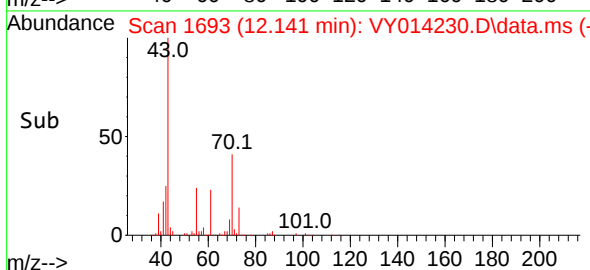
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

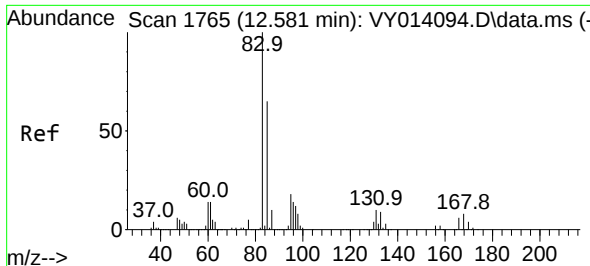


#74
N-ethyl acetate
Concen: 17.544 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.001 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46



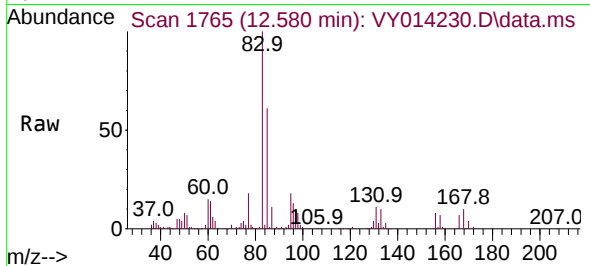
Tgt Ion: 43 Resp: 71633
Ion Ratio Lower Upper
43 100
70 40.0 29.7 44.5
55 24.7 18.3 27.5
61 22.5 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 17.566 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.001 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

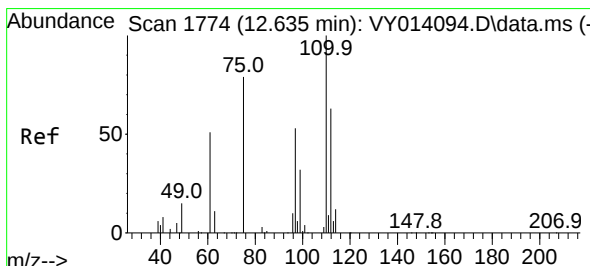
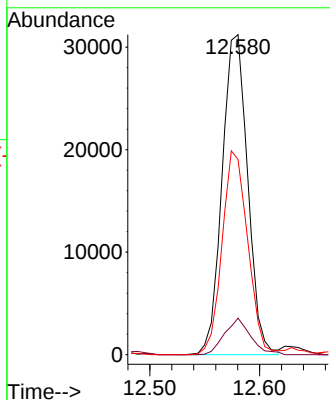
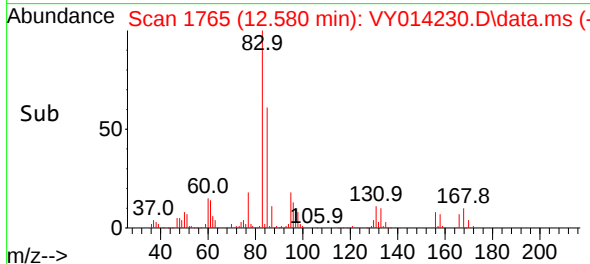
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 83 Resp: 50574
Ion Ratio Lower Upper
83 100
131 11.7 5.4 16.2
85 64.0 31.8 95.4

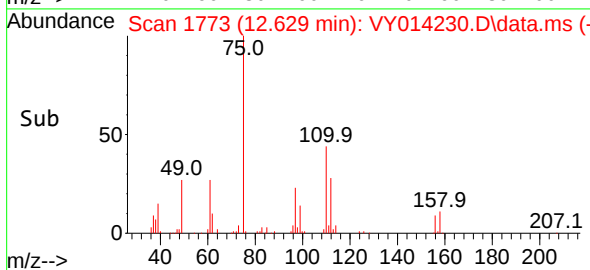
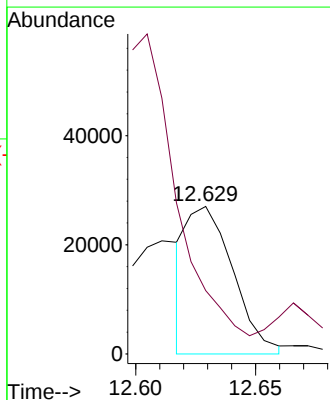
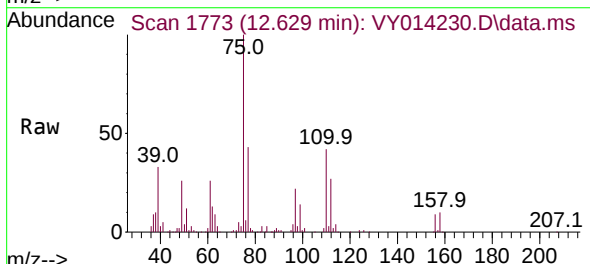
Manual Integrations
APPROVED

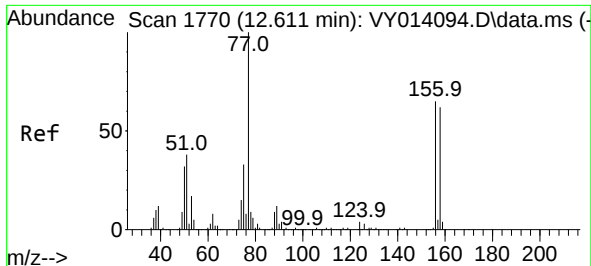
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#76
1,2,3-Trichloropropane
Concen: 16.400 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion: 75 Resp: 36340
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





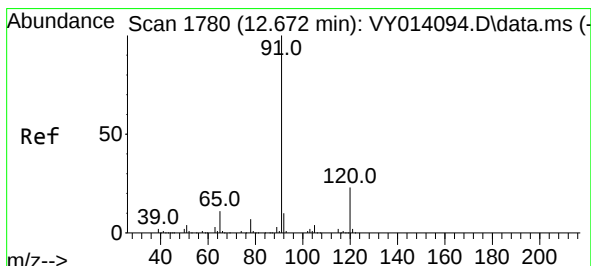
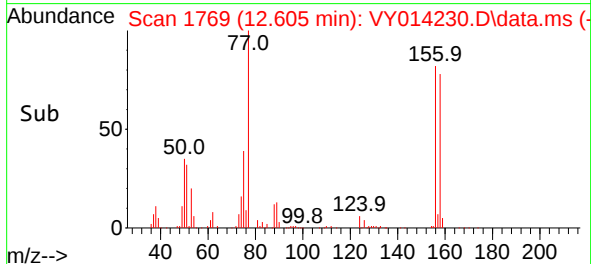
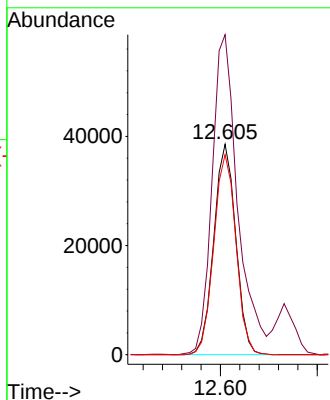
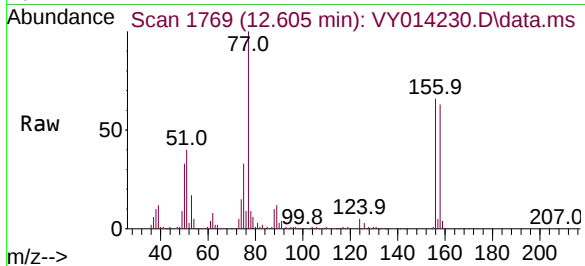
#77
Bromobenzene
Concen: 17.950 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:156 Resp: 60788
Ion Ratio Lower Upper
156 100
77 177.1 92.8 278.6
158 95.9 48.4 145.3

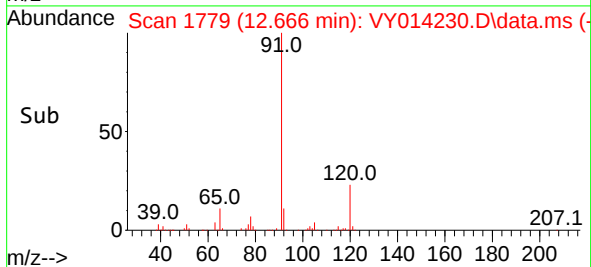
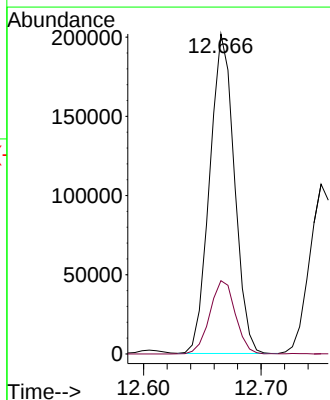
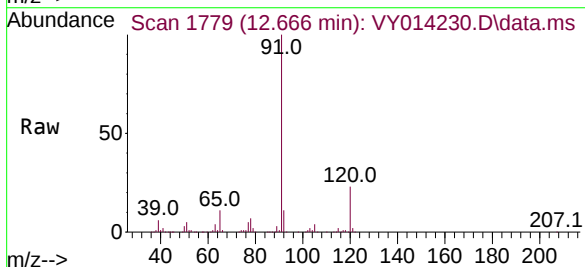
Manual Integrations
APPROVED

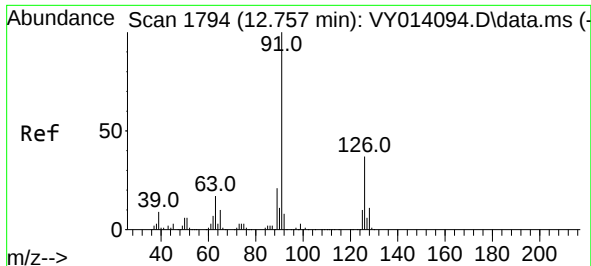
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#78
n-propylbenzene
Concen: 18.759 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion: 91 Resp: 295223
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.368 ug/l

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tgt Ion: 91 Resp: 166324

Ion Ratio Lower Upper

91 100

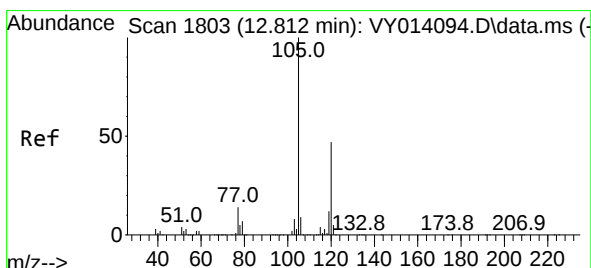
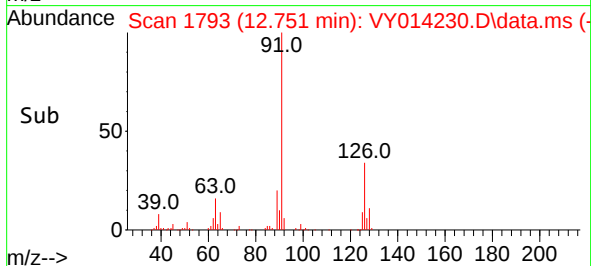
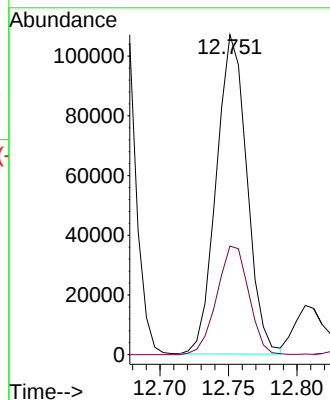
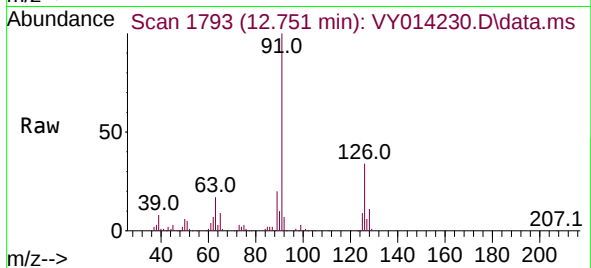
126 35.5 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#80

1,3,5-Trimethylbenzene

Concen: 18.838 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY014230.D

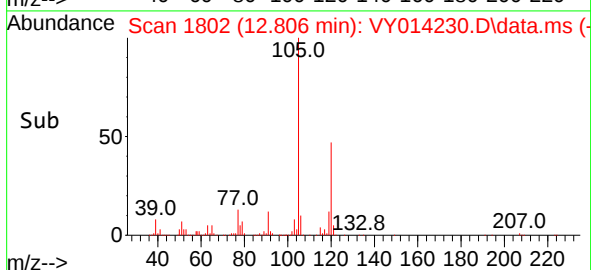
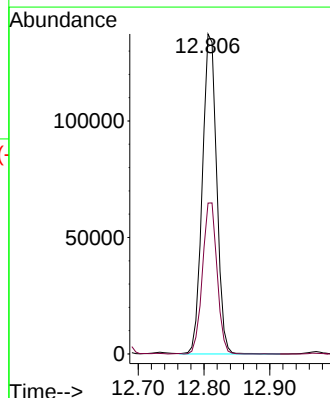
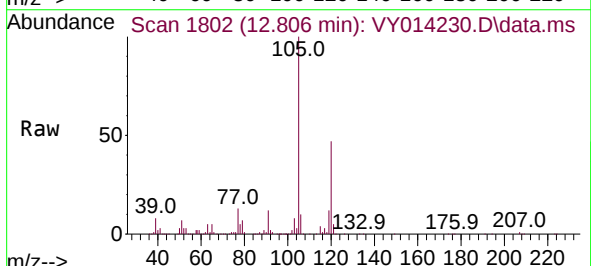
Acq: 19 Jun 2023 15:46

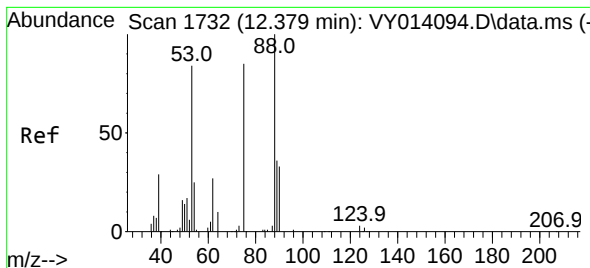
Tgt Ion:105 Resp: 207832

Ion Ratio Lower Upper

105 100

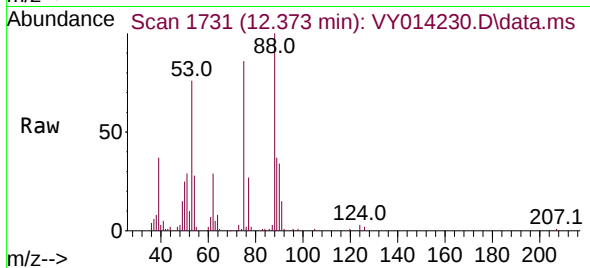
120 48.0 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.136 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

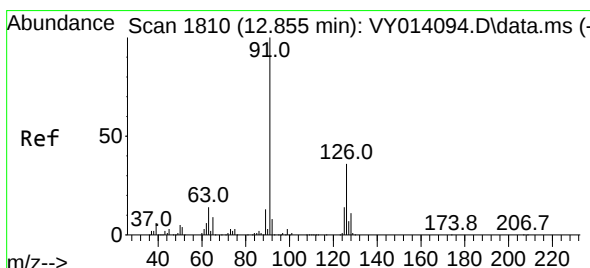
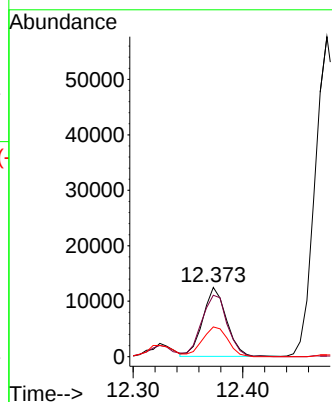
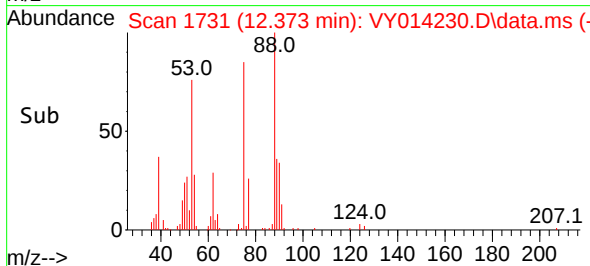
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 75 Resp: 18592
Ion Ratio Lower Upper
75 100
53 96.2 77.8 116.8
89 46.9 37.4 56.0

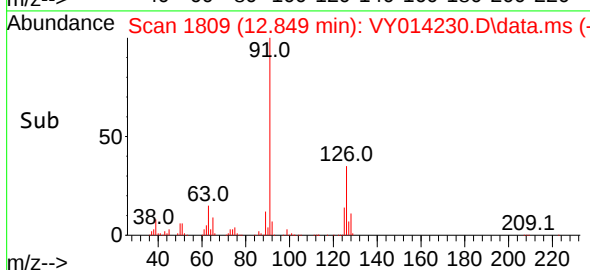
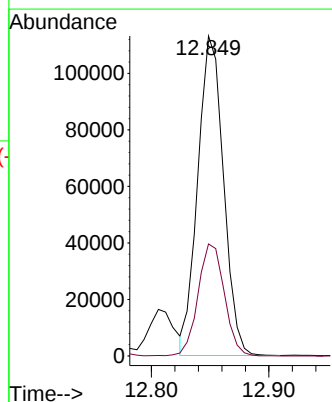
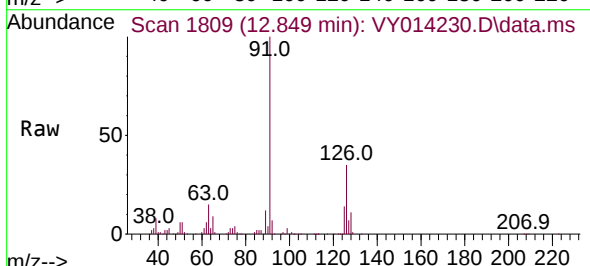
Manual Integrations
APPROVED

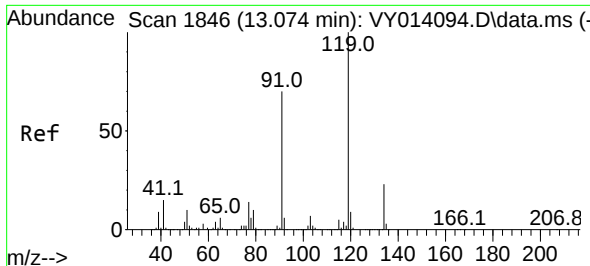
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#82
4-Chlorotoluene
Concen: 17.921 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

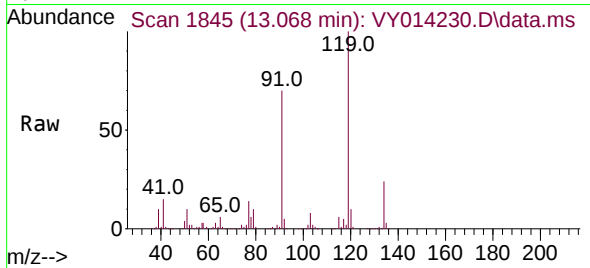
Tgt Ion: 91 Resp: 171967
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.154 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

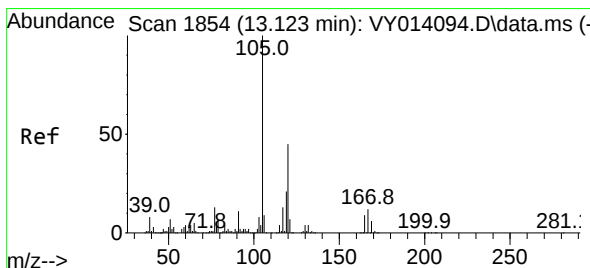
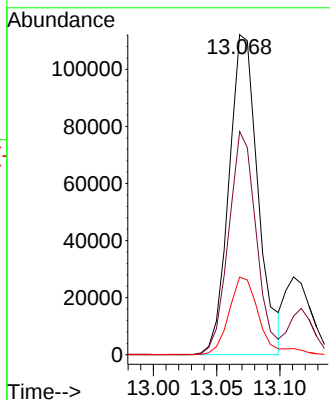
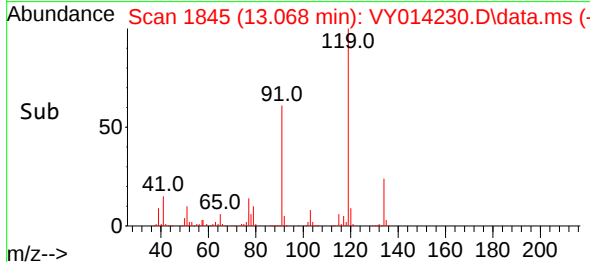
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion:119 Resp: 179570
Ion Ratio Lower Upper
119 100
91 66.2 32.9 98.6
134 25.3 13.0 38.9

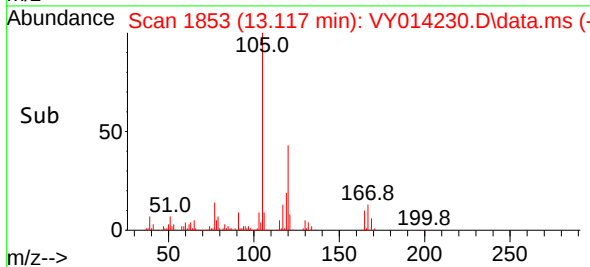
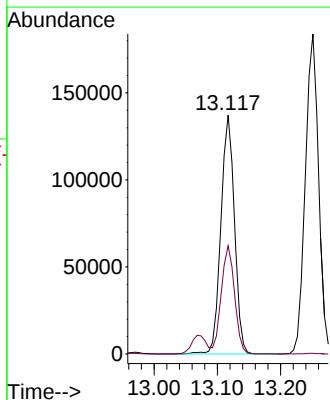
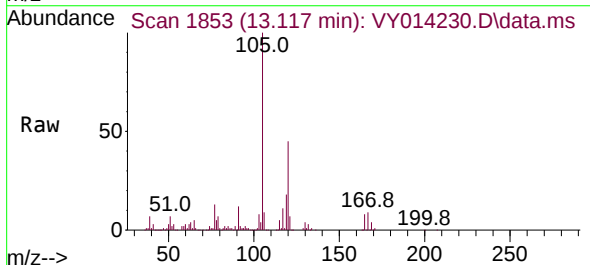
Manual Integrations
APPROVED

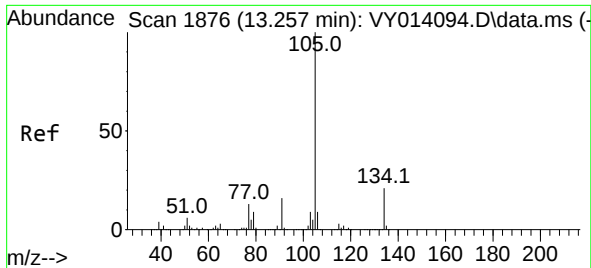
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 18.653 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion:105 Resp: 203710
Ion Ratio Lower Upper
105 100
120 43.9 22.2 66.6





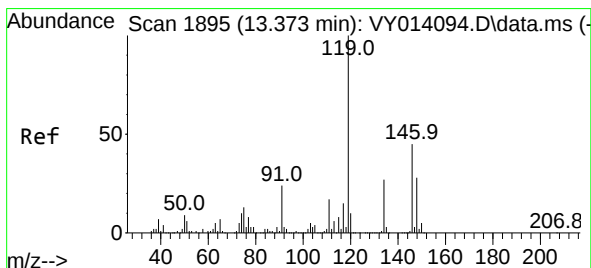
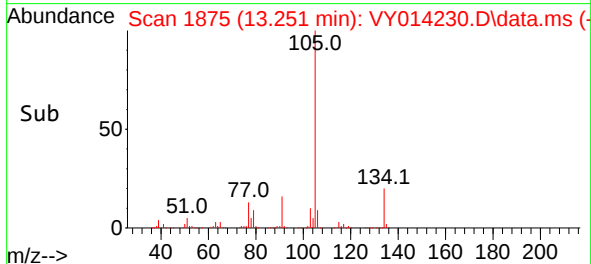
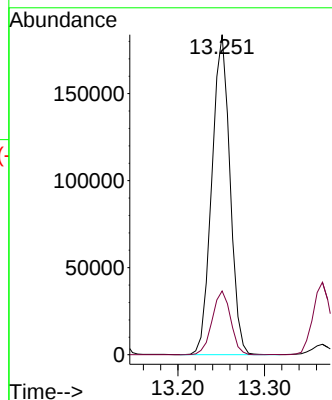
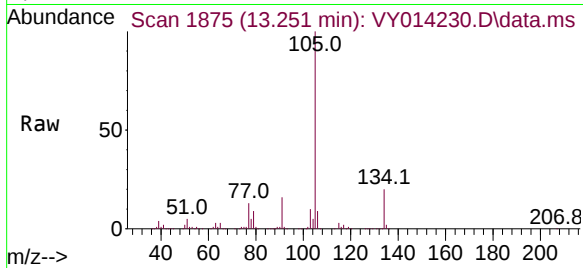
#85
 sec-Butylbenzene
 Concen: 19.589 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014230.D
 Acq: 19 Jun 2023 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tgt Ion:105 Resp: 267009
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6

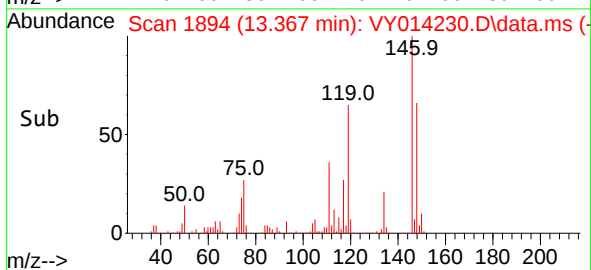
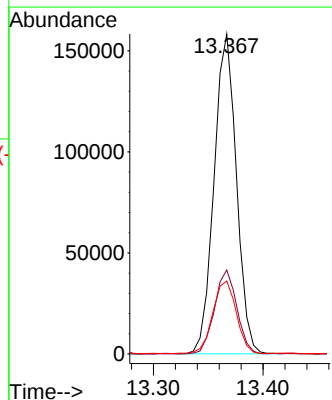
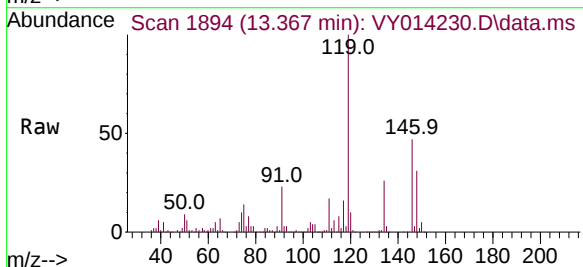
Manual Integrations
 APPROVED

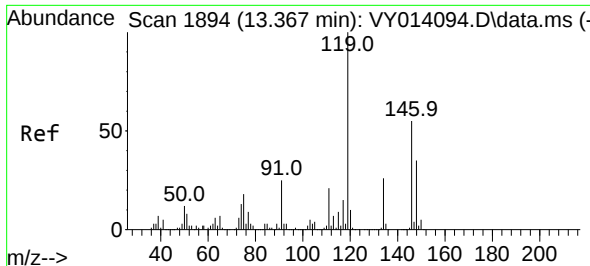
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023



#86
 p-Isopropyltoluene
 Concen: 19.214 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014230.D
 Acq: 19 Jun 2023 15:46

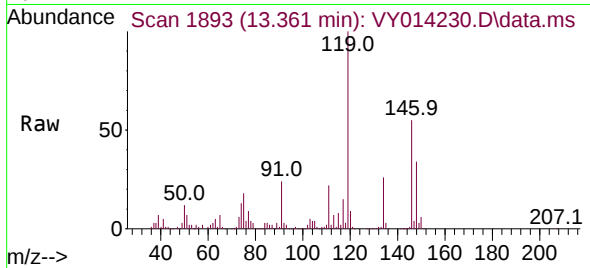
Tgt Ion:119 Resp: 224140
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 24.0 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 18.573 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

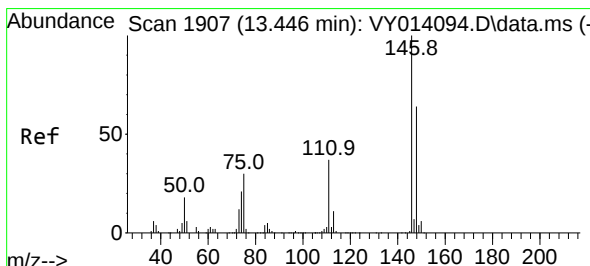
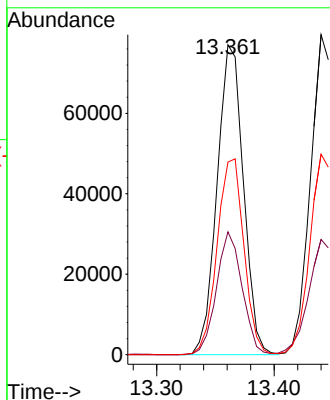
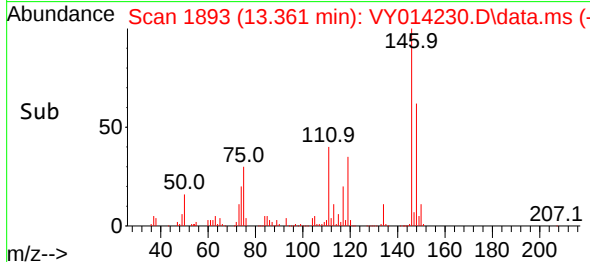
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion:146 Resp: 12009
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.2
148 64.4 31.9 95.5

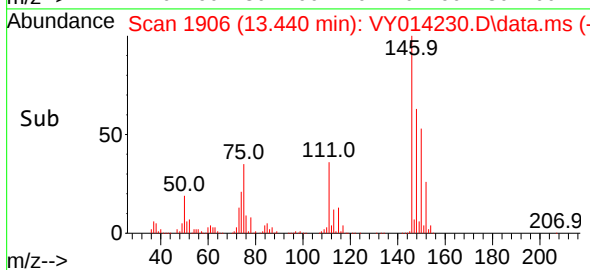
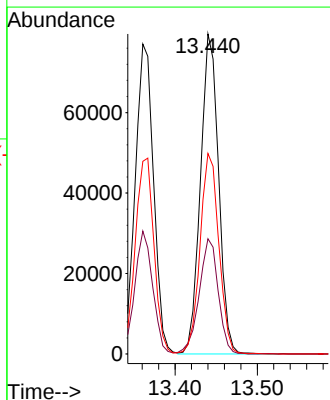
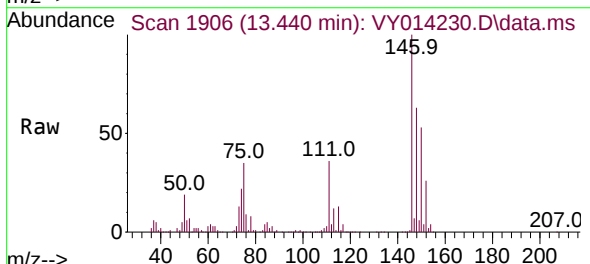
Manual Integrations
APPROVED

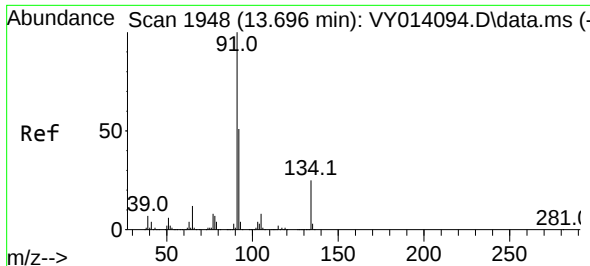
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#88
1,4-Dichlorobenzene
Concen: 18.693 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

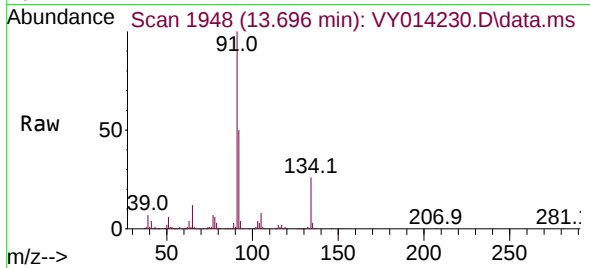
Tgt Ion:146 Resp: 121779
Ion Ratio Lower Upper
146 100
111 37.9 18.9 56.7
148 65.1 32.1 96.5





#89
n-Butylbenzene
Concen: 19.677 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

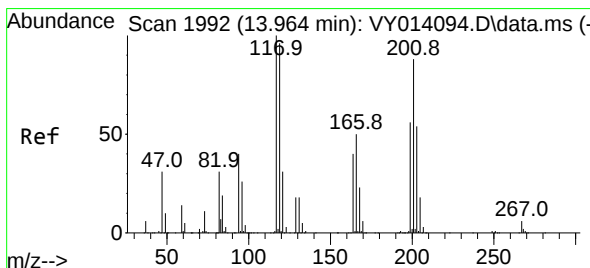
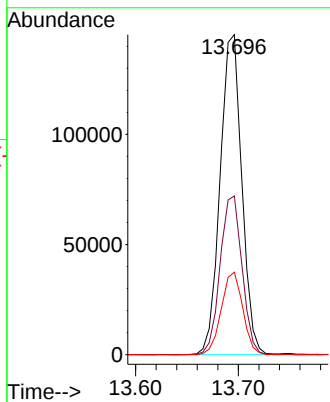
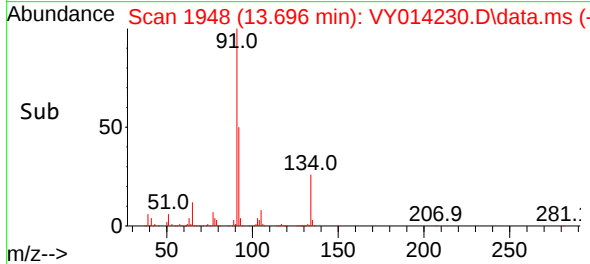
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 91 Resp: 21290
Ion Ratio Lower Upper
91 100
92 50.1 25.4 76.0
134 25.5 12.6 37.6

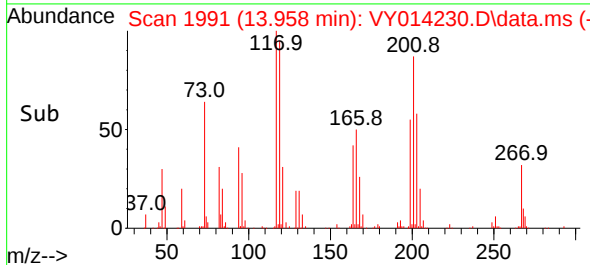
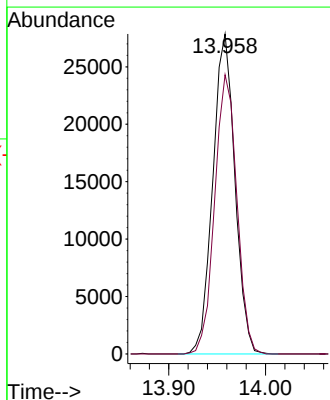
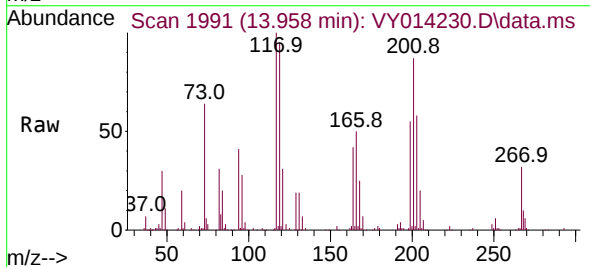
Manual Integrations
APPROVED

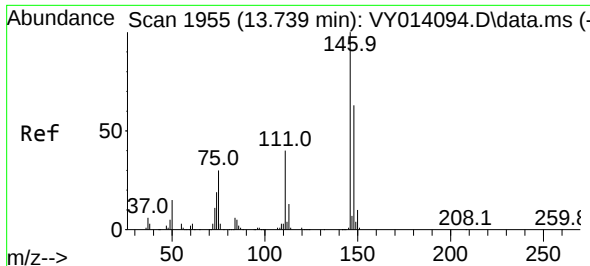
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#90
Hexachloroethane
Concen: 19.046 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion:117 Resp: 44274
Ion Ratio Lower Upper
117 100
201 87.3 41.6 124.8





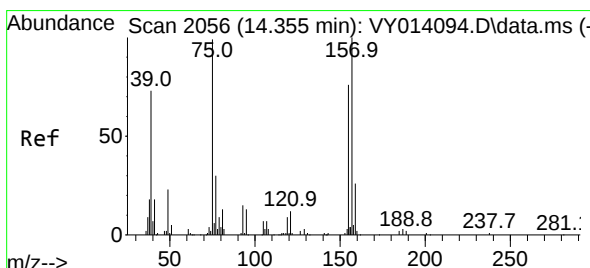
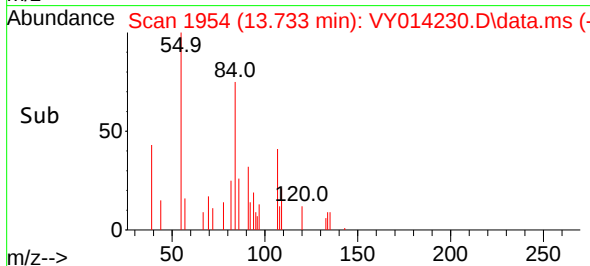
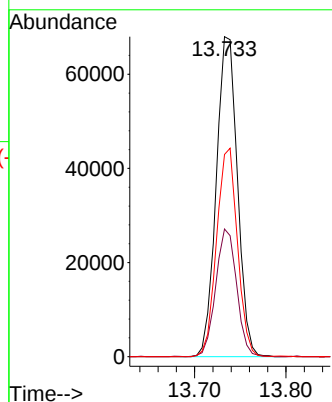
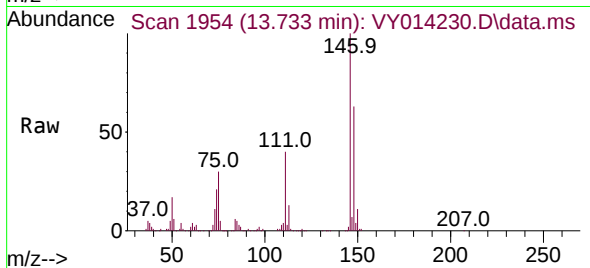
#91
1,2-Dichlorobenzene
Concen: 18.874 ug/l
RT: 13.733 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:146 Resp: 10960
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.0
148 64.0 32.0 96.2

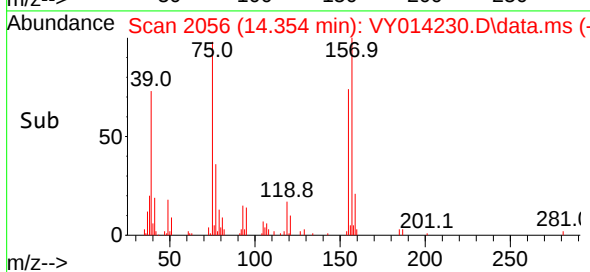
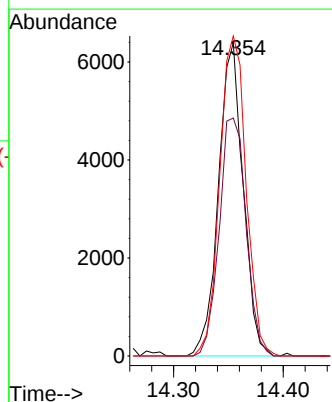
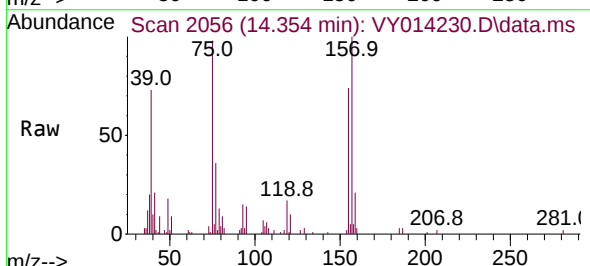
Manual Integrations
APPROVED

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



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.236 ug/l
RT: 14.354 min Scan# 2056
Delta R.T. -0.001 min
Lab File: VY014230.D
Acq: 19 Jun 2023 15:46

Tgt Ion: 75 Resp: 9998
Ion Ratio Lower Upper
75 100
155 82.3 41.5 124.6
157 108.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.854 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY014230.D

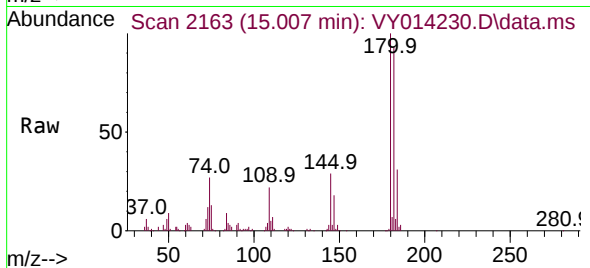
Acq: 19 Jun 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01



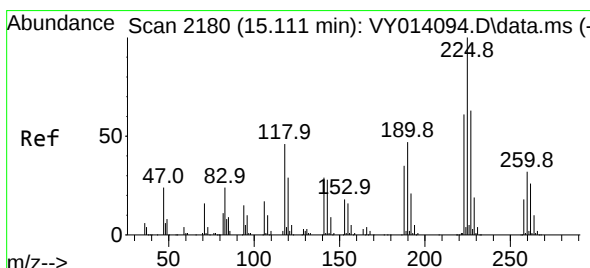
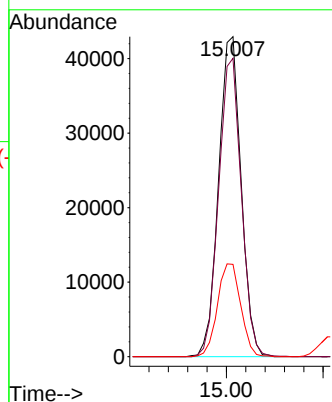
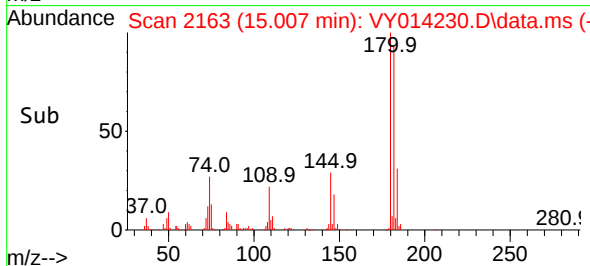
Tgt Ion:180	Resp:	69360
Ion Ratio	Lower	Upper
180	100	
182	93.8	47.0 141.2
145	29.9	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#94

Hexachlorobutadiene

Concen: 21.824 ug/l

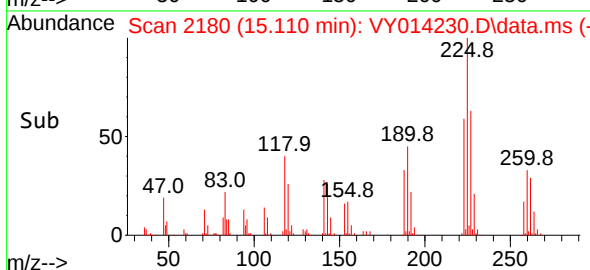
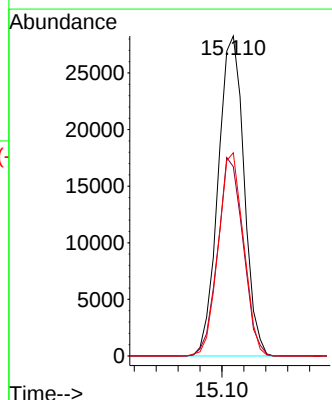
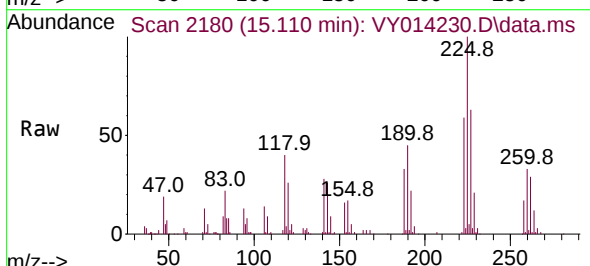
RT: 15.110 min Scan# 2180

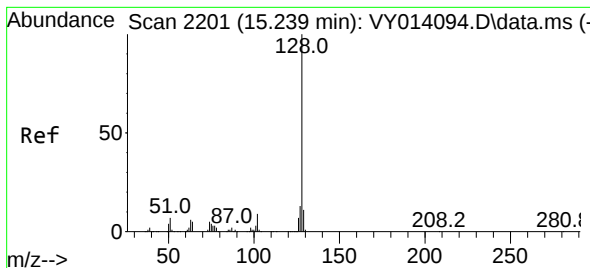
Delta R.T. -0.001 min

Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

Tgt Ion:225	Resp:	46350
Ion Ratio	Lower	Upper
225	100	
223	61.0	31.9 95.9
227	61.7	33.0 98.9





#95

Naphthalene

Concen: 17.856 ug/l

RT: 15.232 min Scan# 2200

Delta R.T. -0.007 min

Lab File: VY014230.D

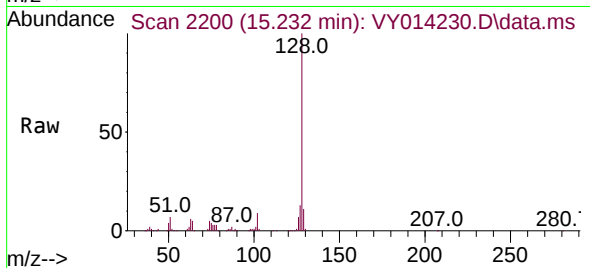
Acq: 19 Jun 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01



Tgt Ion:128 Resp: 133329

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

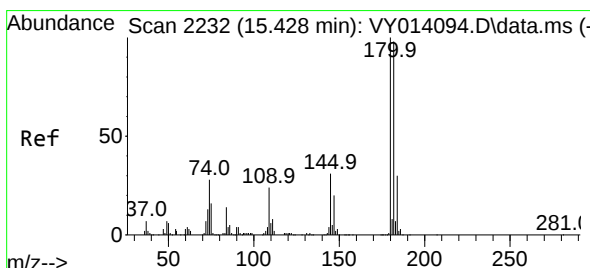
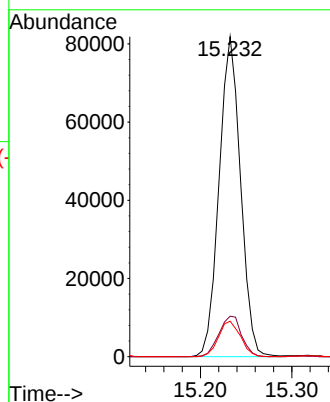
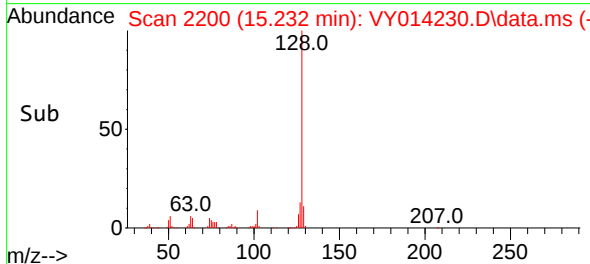
129 11.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.521 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.007 min

Lab File: VY014230.D

Acq: 19 Jun 2023 15:46

Tgt Ion:180 Resp: 61568

Ion Ratio Lower Upper

180 100

182 96.8 47.3 141.8

145 31.6 15.4 46.2

