

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015052.D
 Acq On : 11 Aug 2023 12:21
 Operator : SY/MD
 Sample : VY0811SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0811SBS02

Quant Time: Aug 11 14:50:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/14/2023
 Supervised By : Mahesh Dadoda 08/15/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	285917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	468704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	427144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	221140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	190454	54.959	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.920%			
35) Dibromofluoromethane	7.716	113	169073	56.409	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.820%			
50) Toluene-d8	10.179	98	620198	54.364	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.720%			
62) 4-Bromofluorobenzene	12.477	95	227516	56.270	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	30545	17.046	ug/l	96
3) Chloromethane	2.113	50	38589	17.150	ug/l	98
4) Vinyl Chloride	2.247	62	46917	16.921	ug/l	99
5) Bromomethane	2.625	94	37558	18.470	ug/l	99
6) Chloroethane	2.778	64	34971	18.268	ug/l	99
7) Trichlorofluoromethane	3.113	101	78532	17.923	ug/l	100
8) Diethyl Ether	3.528	74	30275	18.725	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.887	101	47309	18.240	ug/l	95
10) Methyl Iodide	4.082	142	41246	15.381	ug/l	99
11) Tert butyl alcohol	4.948	59	52640	62.940	ug/l #	80
12) 1,1-Dichloroethene	3.863	96	39036	17.273	ug/l	91
13) Acrolein	3.723	56	39413	138.527	ug/l	96
14) Allyl chloride	4.472	41	66650	17.710	ug/l	95
15) Acrylonitrile	5.155	53	99096	100.325	ug/l	99
16) Acetone	3.942	43	84909	78.574	ug/l #	87
17) Carbon Disulfide	4.186	76	65769	13.163	ug/l	100
18) Methyl Acetate	4.472	43	77338	19.652	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	165575	19.365	ug/l	100
20) Methylene Chloride	4.704	84	70940	3.979	ug/l #	90
21) trans-1,2-Dichloroethene	5.216	96	44617	17.320	ug/l	89
22) Diisopropyl ether	6.112	45	165739	18.907	ug/l	93
23) Vinyl Acetate	6.051	43	492287	93.422	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	92831	18.670	ug/l	98
25) 2-Butanone	6.984	43	150237	97.067	ug/l	97
26) 2,2-Dichloropropane	6.978	77	91055	18.098	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	60251	18.482	ug/l	97
28) Bromochloromethane	7.326	49	45142	20.140	ug/l	89
29) Tetrahydrofuran	7.344	42	91128	100.401	ug/l	91
30) Chloroform	7.502	83	105178	19.473	ug/l	96
31) Cyclohexane	7.783	56	64743	15.647	ug/l #	83
32) 1,1,1-Trichloroethane	7.697	97	87605	18.404	ug/l	98
36) 1,1-Dichloropropene	7.911	75	64985	17.464	ug/l	99
37) Ethyl Acetate	7.070	43	59846	20.261	ug/l #	95
38) Carbon Tetrachloride	7.899	117	77481	18.521	ug/l	99
39) Methylcyclohexane	9.179	83	73328	16.570	ug/l	92
40) Benzene	8.155	78	199842	18.238	ug/l	99

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Reviewed By : John Carlone 08/14/2023
 Supervised By : Mahesh Dadoda 08/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	27291m	19.013	ug/l	
42) 1,2-Dichloroethane	8.234	62	72761	19.077	ug/l	95
43) Isopropyl Acetate	8.271	43	108440	19.760	ug/l	98
44) Trichloroethene	8.935	130	58913	18.738	ug/l	96
45) 1,2-Dichloropropane	9.216	63	54953	18.871	ug/l	99
46) Dibromomethane	9.301	93	36543	19.480	ug/l	96
47) Bromodichloromethane	9.496	83	84044	19.455	ug/l	99
48) Methyl methacrylate	9.289	41	47358	19.669	ug/l	93
49) 1,4-Dioxane	9.295	88	14160	405.802	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	319730	103.387	ug/l	94
52) Toluene	10.240	92	130906	18.565	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	85911	19.097	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	91774	18.882	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	53613	19.663	ug/l	95
56) Ethyl methacrylate	10.508	69	76956	19.711	ug/l	92
57) 1,3-Dichloropropane	10.788	76	88968	19.722	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	184321	99.849	ug/l	92
59) 2-Hexanone	10.831	43	240844	105.424	ug/l	92
60) Dibromochloromethane	10.983	129	65053	20.038	ug/l	99
61) 1,2-Dibromoethane	11.087	107	51811	19.908	ug/l	100
64) Tetrachloroethene	10.715	164	65102	20.262	ug/l	98
65) Chlorobenzene	11.514	112	154791	19.098	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	63046	19.851	ug/l	99
67) Ethyl Benzene	11.593	91	266864	18.761	ug/l	100
68) m/p-Xylenes	11.697	106	206248	37.903	ug/l	96
69) o-Xylene	12.026	106	101327	19.030	ug/l	99
70) Styrene	12.038	104	176814	19.431	ug/l	97
71) Bromoform	12.203	173	45072	20.589	ug/l #	97
73) Isopropylbenzene	12.325	105	273742	18.415	ug/l	100
74) N-amyl acetate	12.142	43	97039	19.106	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	70338	19.362	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	53322m	20.123	ug/l	
77) Bromobenzene	12.605	156	69437	19.257	ug/l	100
78) n-propylbenzene	12.666	91	329617	18.539	ug/l	99
79) 2-Chlorotoluene	12.751	91	192432	18.990	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	234664	19.156	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	22839	18.988	ug/l	98
82) 4-Chlorotoluene	12.855	91	199570	19.051	ug/l	99
83) tert-Butylbenzene	13.075	119	210398	18.775	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	233748	19.045	ug/l	98
85) sec-Butylbenzene	13.251	105	308063	18.730	ug/l	99
86) p-Isopropyltoluene	13.367	119	264619	19.437	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	137477	19.478	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	138383	19.660	ug/l	98
89) n-Butylbenzene	13.696	91	246160	19.244	ug/l	97
90) Hexachloroethane	13.959	117	49622	18.769	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	129863	19.936	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14524	20.476	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	83342	19.995	ug/l	99
94) Hexachlorobutadiene	15.111	225	44655	19.756	ug/l	99
95) Naphthalene	15.233	128	207354	21.142	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	74857	19.840	ug/l	99

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MSVOA_Y
ClientSampleId :
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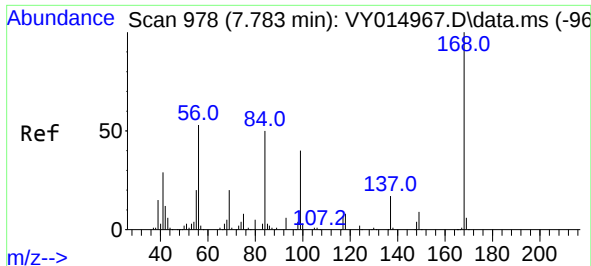
Manual Integrations
APPROVED

Reviewed By : John Carlone 08/14/2023
Supervised By : Mahesh Dadoda 08/15/2023

Quant Time: Aug 11 14:50:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

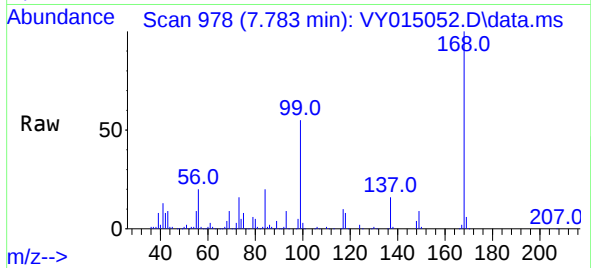
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

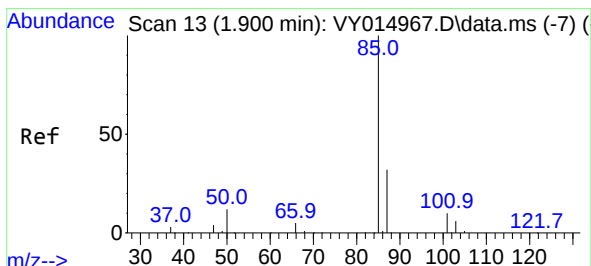
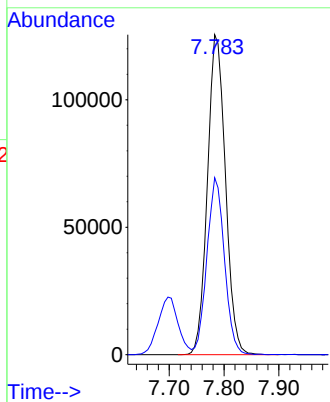
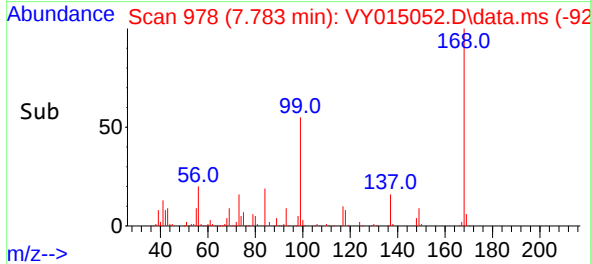
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



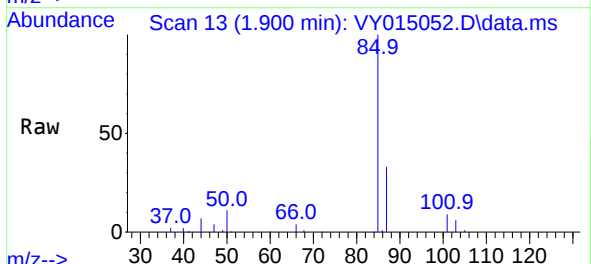
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Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0

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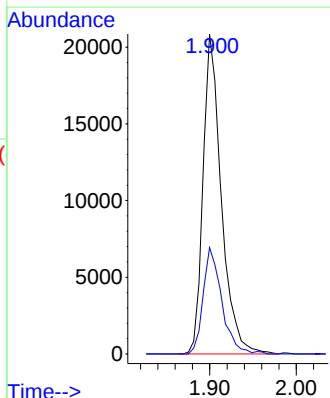
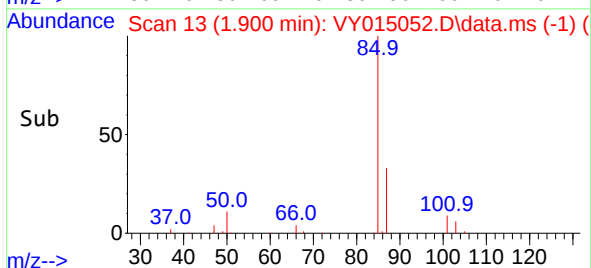
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

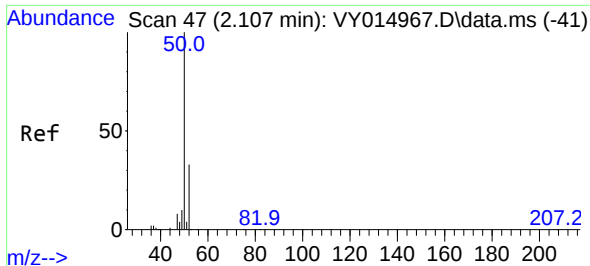


#2
Dichlorodifluoromethane
Concen: 17.046 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



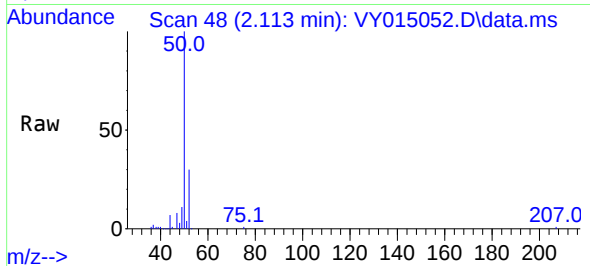
Tgt Ion: 85 Resp: 30545
Ion Ratio Lower Upper
85 100
87 33.3 15.6 46.8





#3
Chloromethane
Concen: 17.150 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

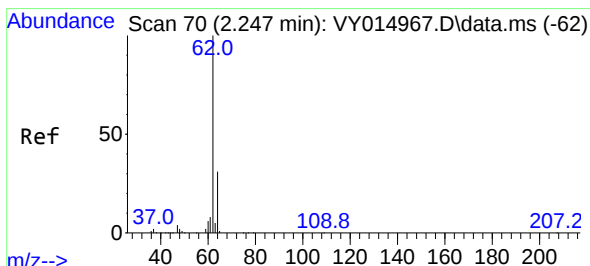
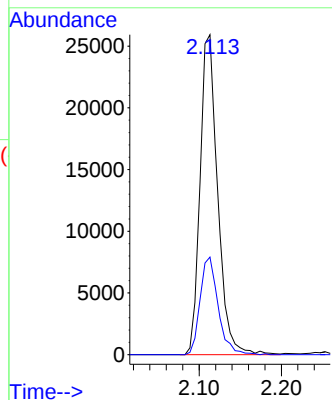
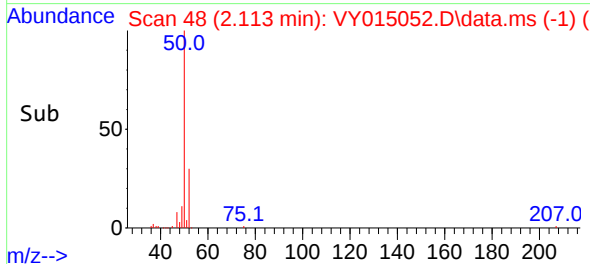
Instrument :
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Tgt Ion: 50 Resp: 38589
Ion Ratio Lower Upper
50 100
52 30.5 25.4 38.2

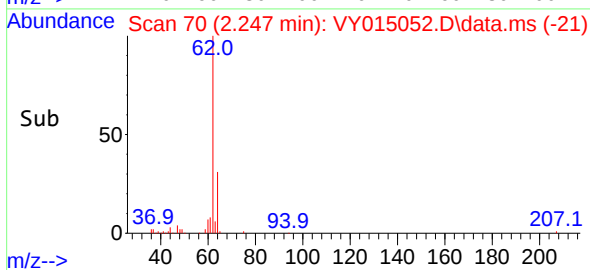
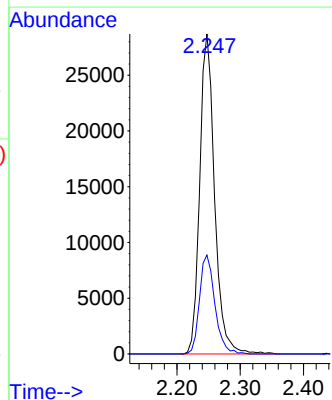
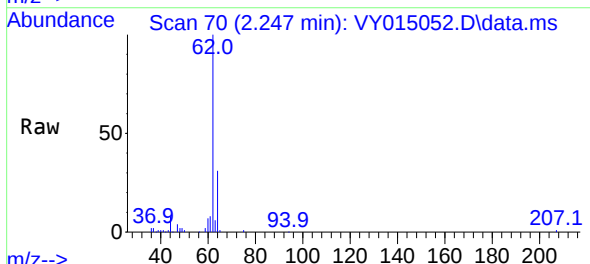
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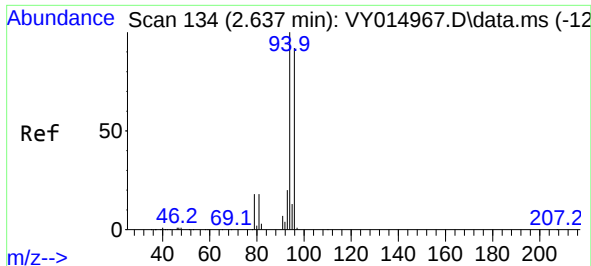
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#4
Vinyl Chloride
Concen: 16.921 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

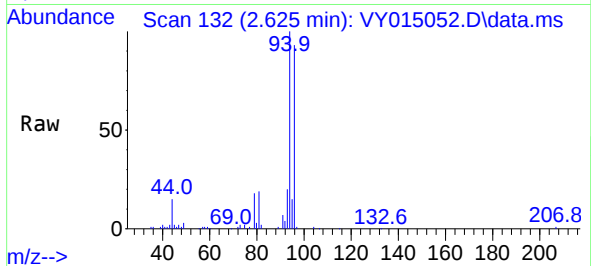
Tgt Ion: 62 Resp: 46917
Ion Ratio Lower Upper
62 100
64 30.9 24.3 36.5





#5
Bromomethane
Concen: 18.470 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

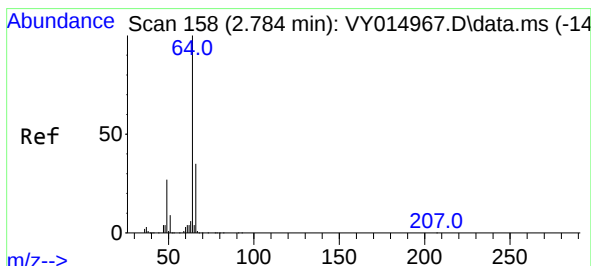
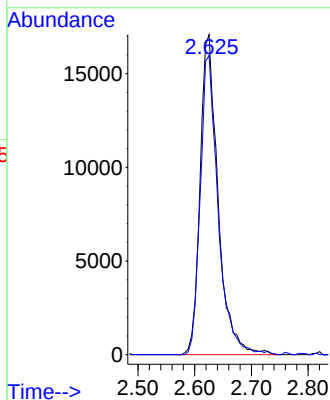
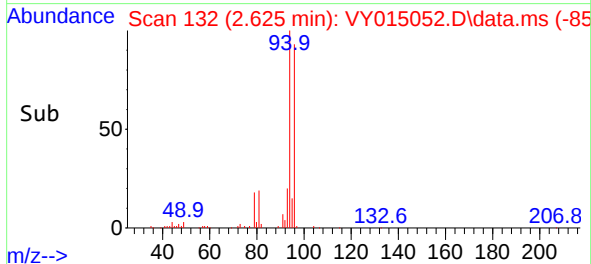
Instrument :
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Tgt Ion: 94 Resp: 37558
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.6

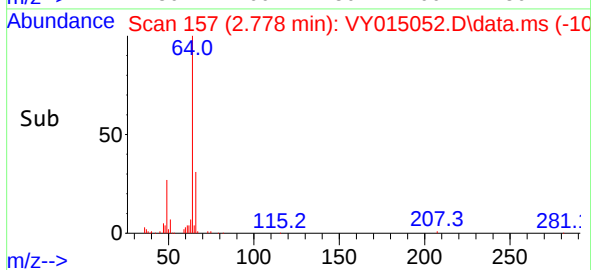
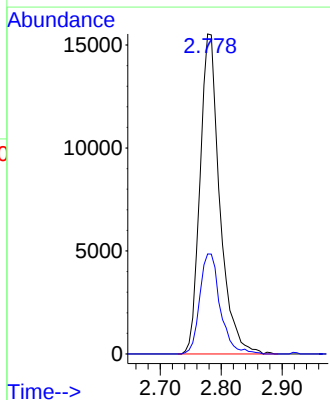
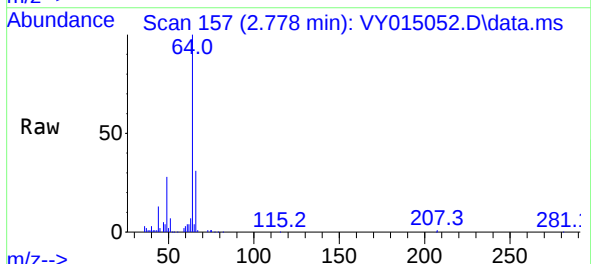
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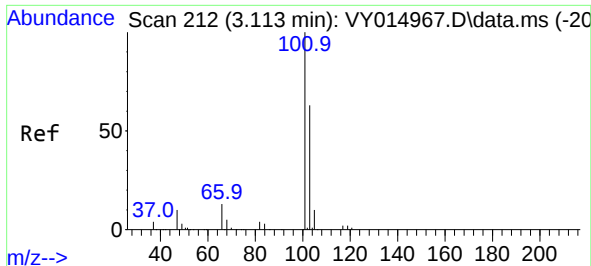
Reviewed By :John Carlone 08/14/2023
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#6
Chloroethane
Concen: 18.268 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015052.D
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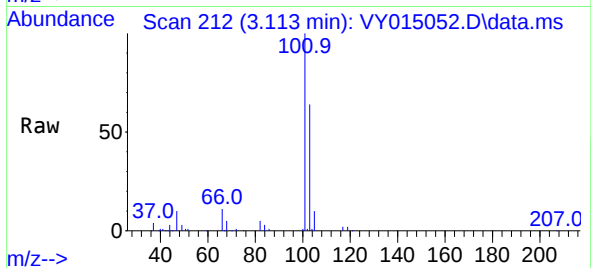
Tgt Ion: 64 Resp: 34971
Ion Ratio Lower Upper
64 100
66 31.2 24.4 36.6





#7
Trichlorofluoromethane
Concen: 17.923 ug/l
RT: 3.113 min Scan# 212
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

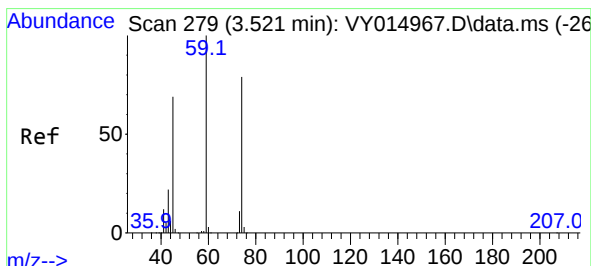
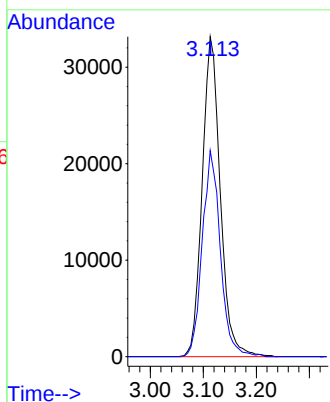
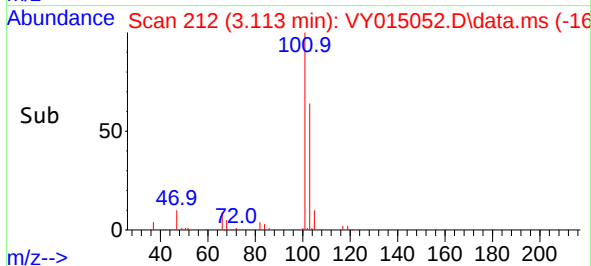
Instrument :
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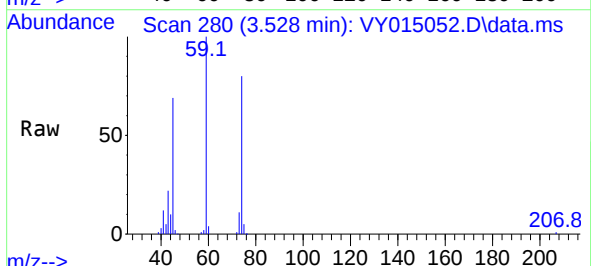
Tgt Ion:101 Resp: 78532
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

Manual Integrations
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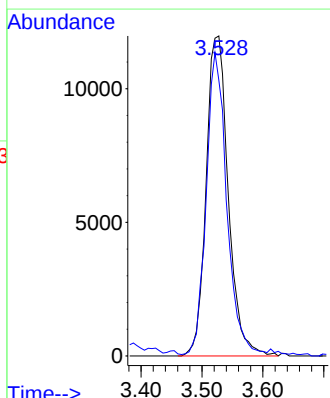
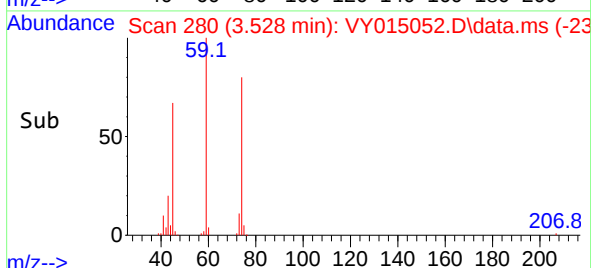
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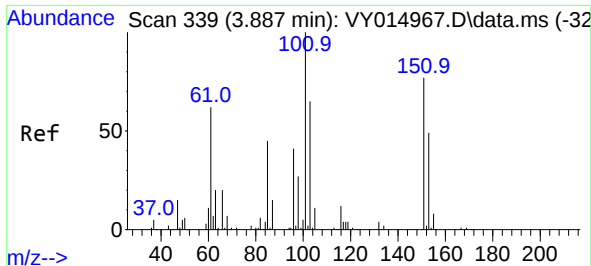


#8
Diethyl Ether
Concen: 18.725 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY015052.D
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Tgt Ion: 74 Resp: 30275
Ion Ratio Lower Upper
74 100
45 87.2 51.5 154.5





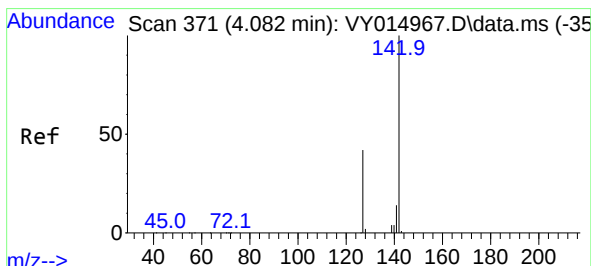
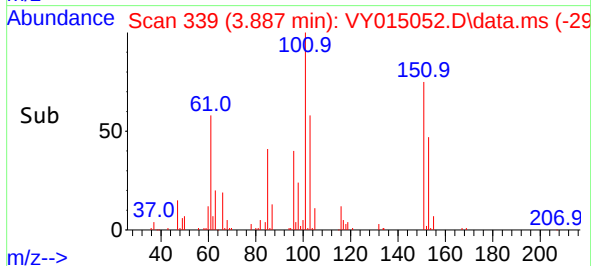
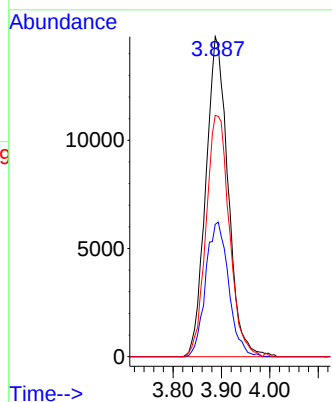
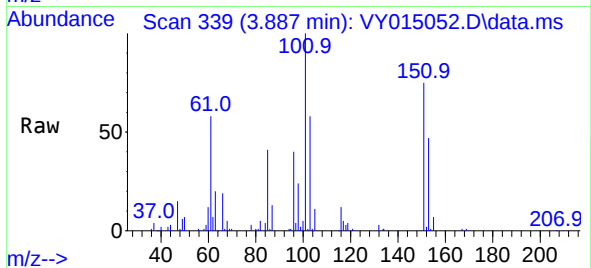
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.240 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02

Tgt Ion:101 Resp: 47309
Ion Ratio Lower Upper
101 100
85 43.4 36.6 55.0
151 78.7 67.0 100.6

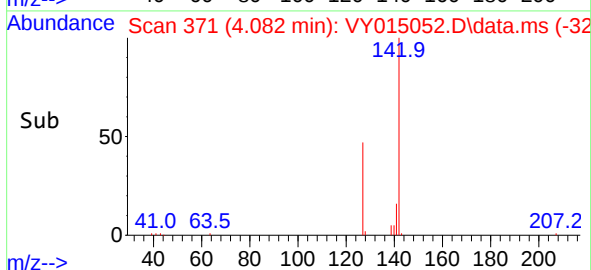
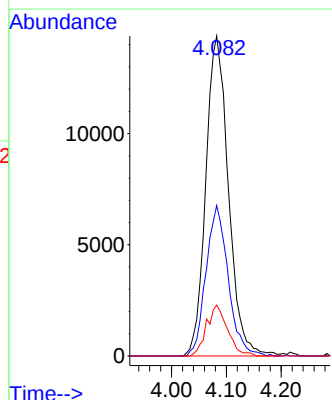
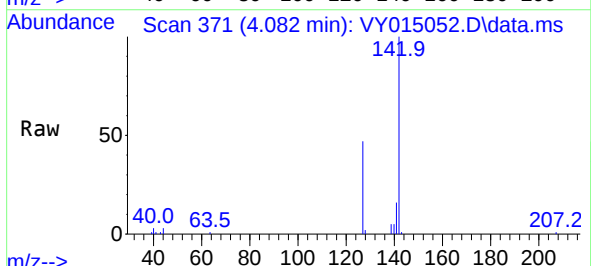
Manual Integrations
APPROVED

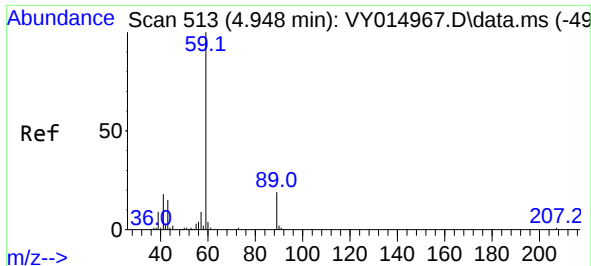
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#10
Methyl Iodide
Concen: 15.381 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

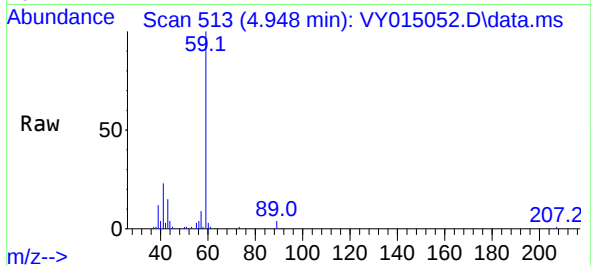
Tgt Ion:142 Resp: 41246
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 14.7 11.8 17.8





#11
Tert butyl alcohol
Concen: 62.940 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

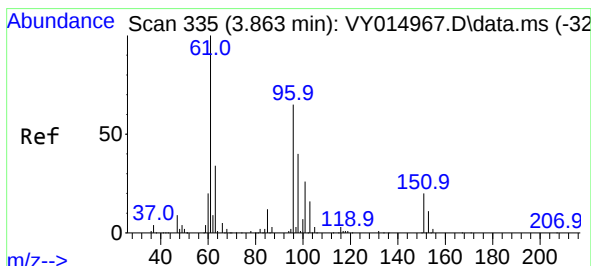
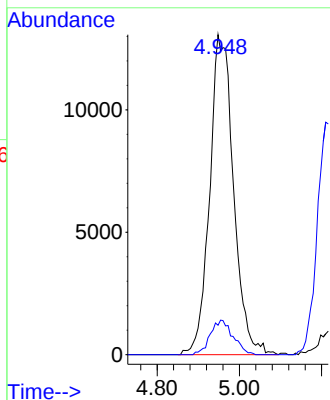
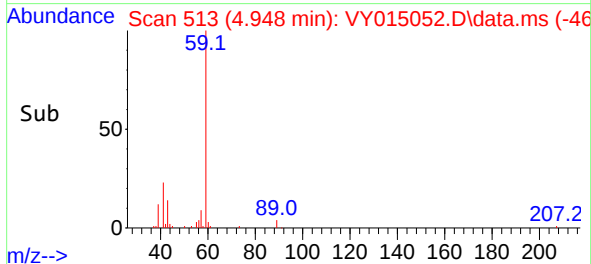
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



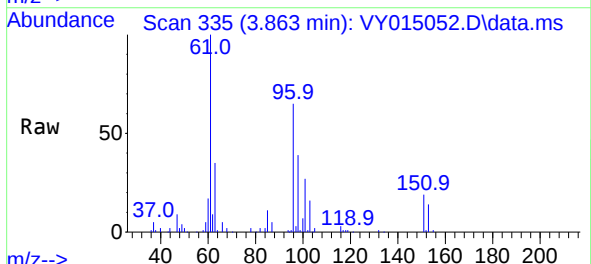
Tgt Ion: 59 Resp: 52640
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.4

Manual Integrations
APPROVED

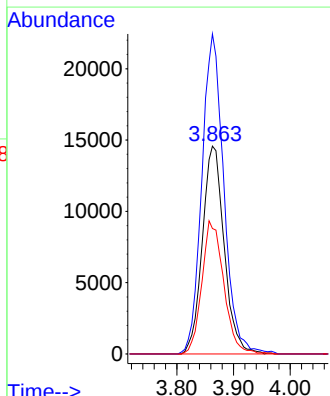
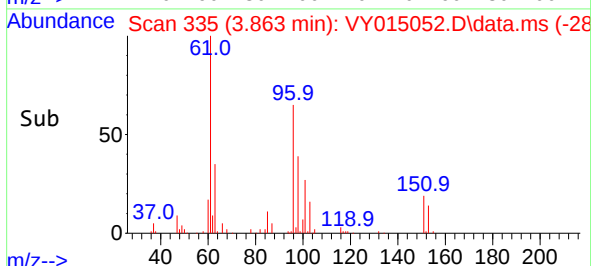
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

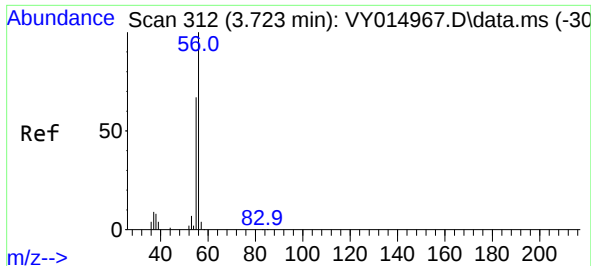


#12
1,1-Dichloroethene
Concen: 17.273 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



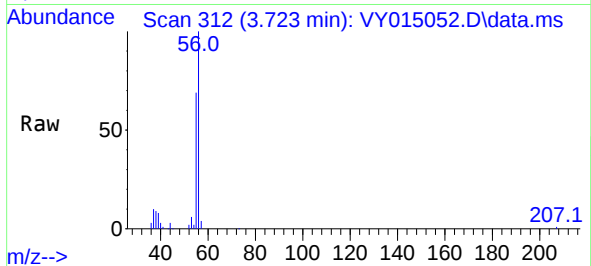
Tgt Ion: 96 Resp: 39036
Ion Ratio Lower Upper
96 100
61 153.9 136.4 204.6
98 60.4 49.4 74.2





#13
Acrolein
Concen: 138.527 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

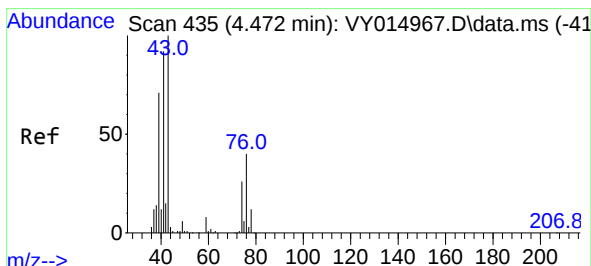
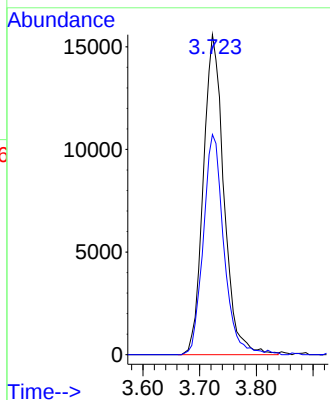
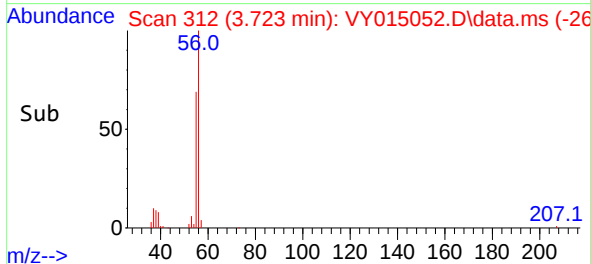
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



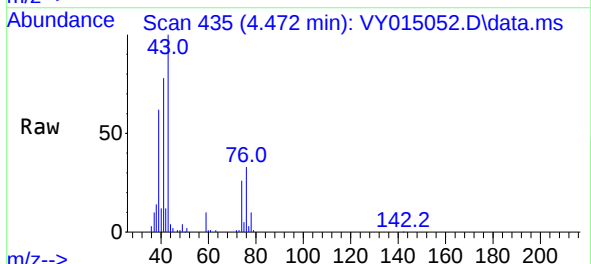
Tgt Ion: 56 Resp: 3941
Ion Ratio Lower Upper
56 100
55 68.3 57.0 85.4

Manual Integrations
APPROVED

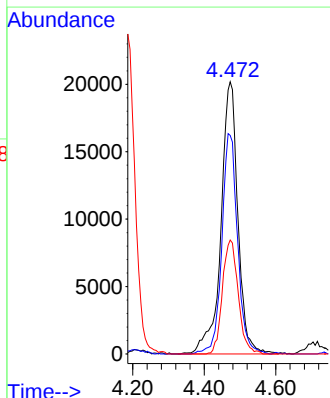
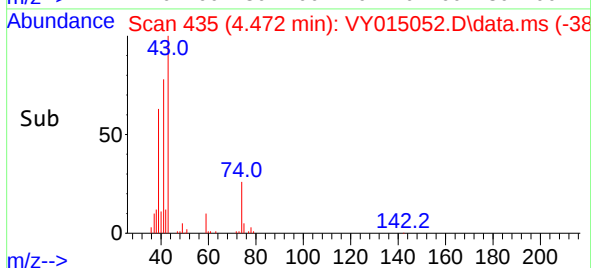
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

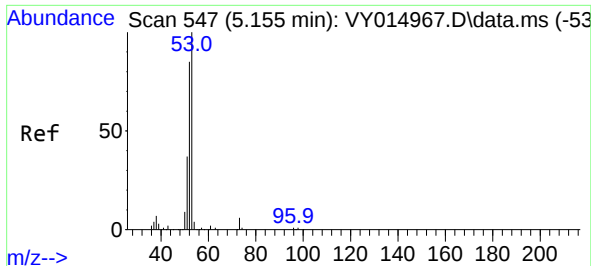


#14
Allyl chloride
Concen: 17.710 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



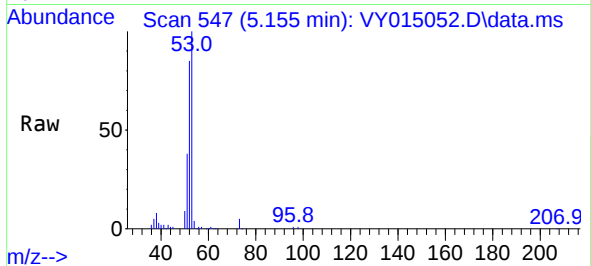
Tgt Ion: 41 Resp: 66650
Ion Ratio Lower Upper
41 100
39 75.0 58.0 87.0
76 38.9 27.4 41.2





#15
Acrylonitrile
Concen: 100.325 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

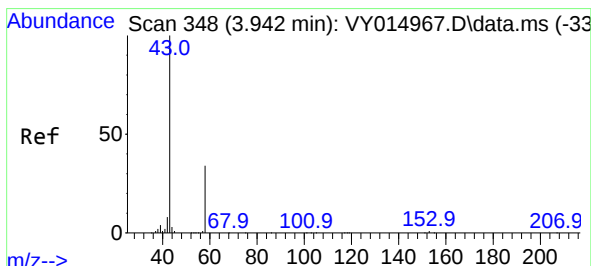
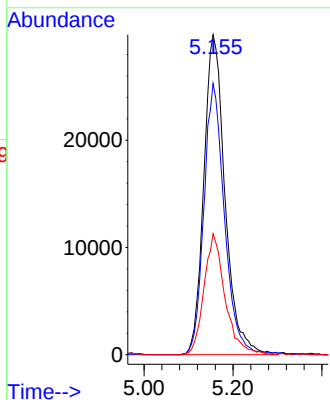
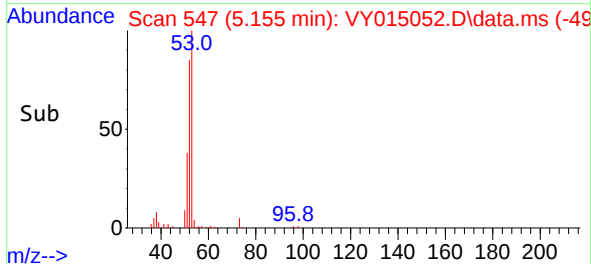
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



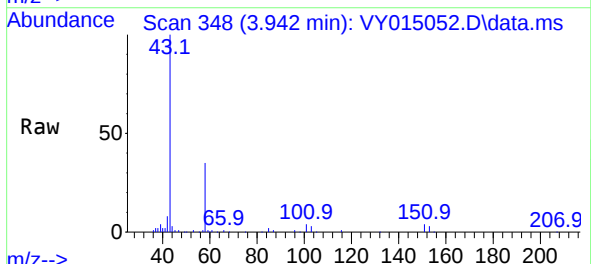
Tgt Ion: 53 Resp: 99090
Ion Ratio Lower Upper
53 100
52 82.1 66.9 100.3
51 37.5 29.8 44.6

Manual Integrations
APPROVED

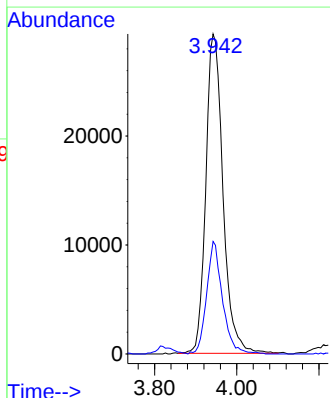
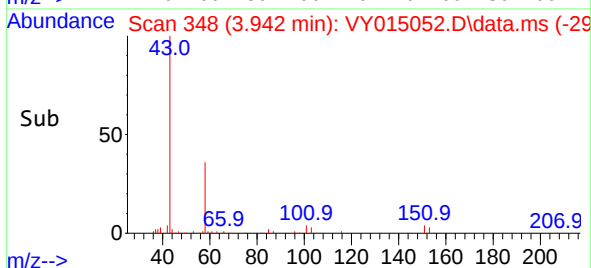
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

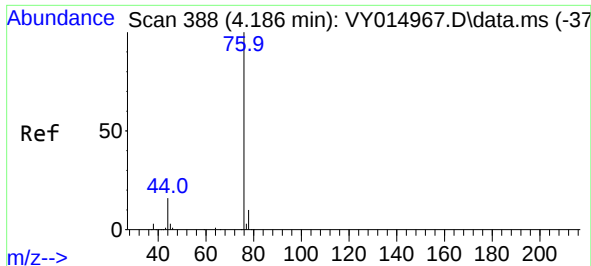


#16
Acetone
Concen: 78.574 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



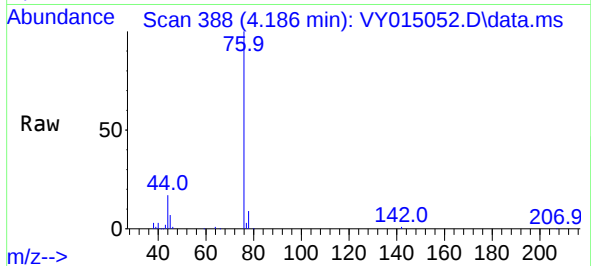
Tgt Ion: 43 Resp: 84909
Ion Ratio Lower Upper
43 100
58 35.2 22.7 34.1#





#17
Carbon Disulfide
Concen: 13.163 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

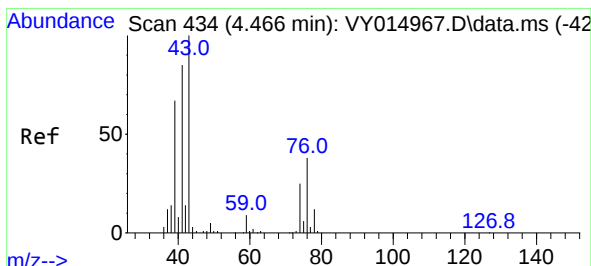
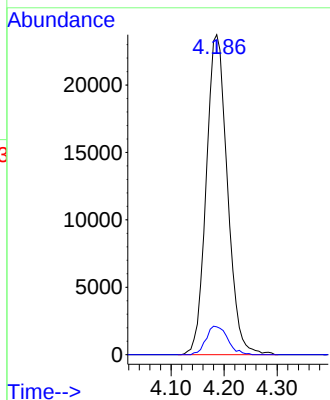
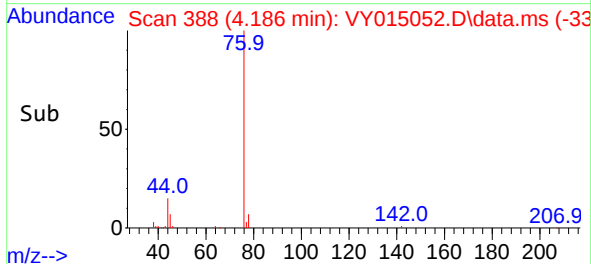
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



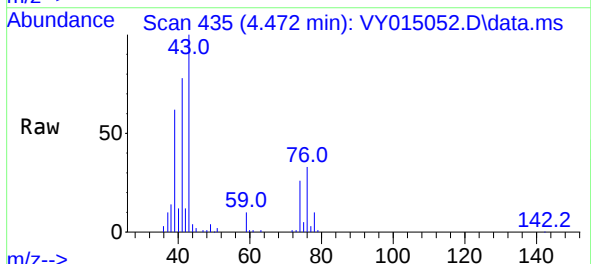
Tgt Ion: 76 Resp: 65769
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

Manual Integrations
APPROVED

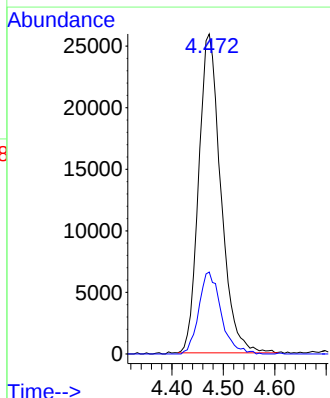
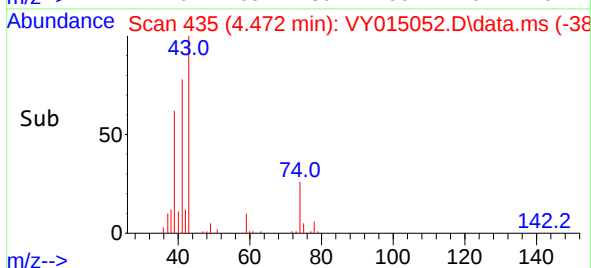
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

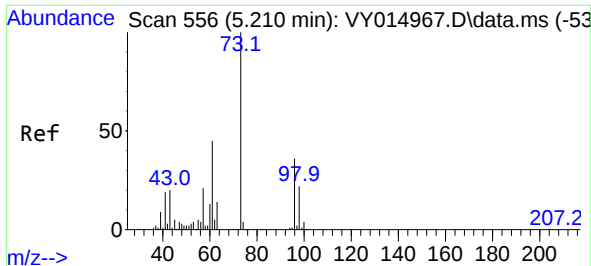


#18
Methyl Acetate
Concen: 19.652 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



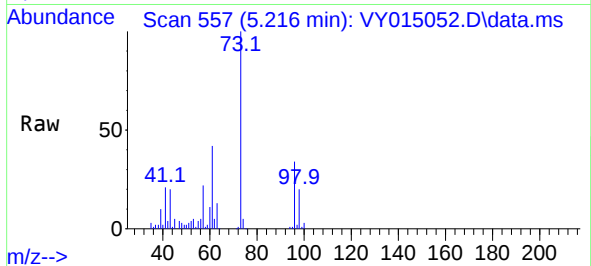
Tgt Ion: 43 Resp: 77338
Ion Ratio Lower Upper
43 100
74 25.9 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 19.365 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

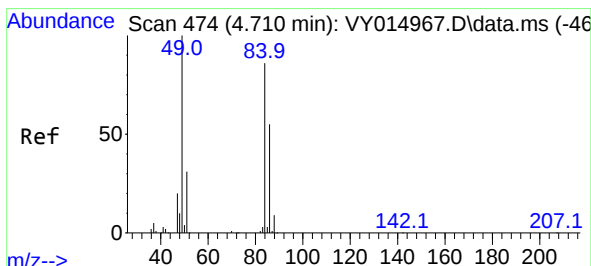
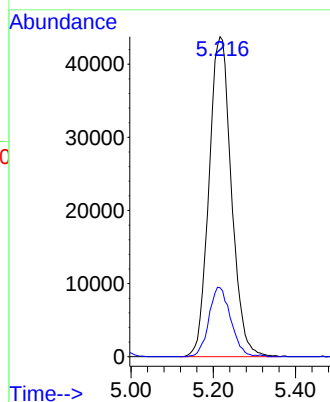
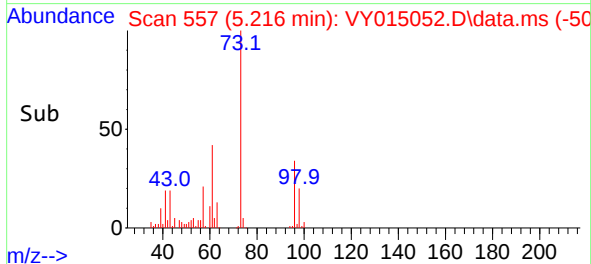
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



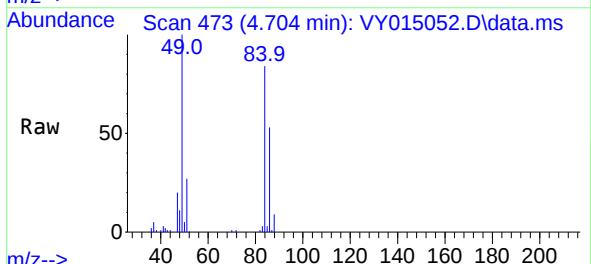
Tgt Ion: 73 Resp: 16557
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

Manual Integrations
APPROVED

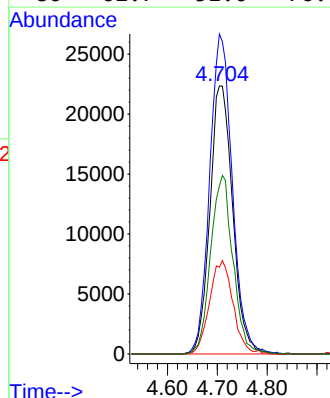
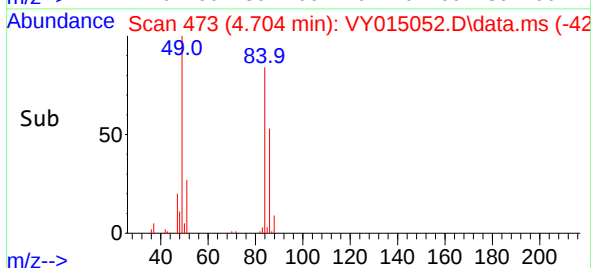
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

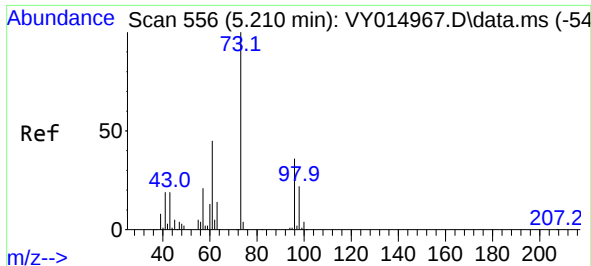


#20
Methylene Chloride
Concen: 3.979 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



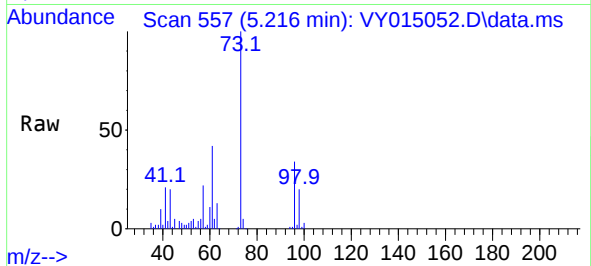
Tgt Ion: 84 Resp: 70940
Ion Ratio Lower Upper
84 100
49 119.4 106.9 160.3
51 32.4 33.2 49.8#
86 62.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 17.320 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

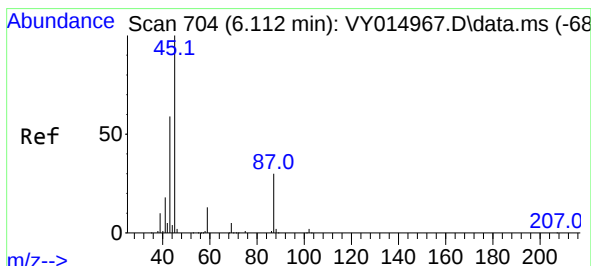
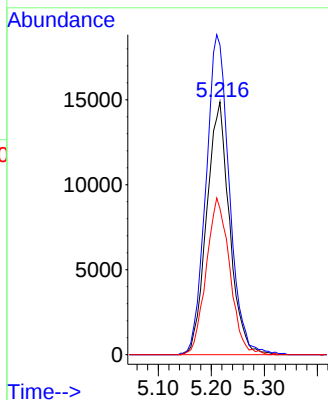
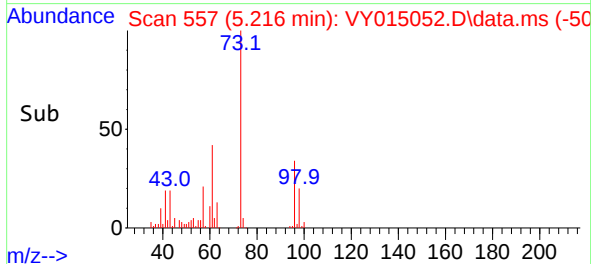
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



Tgt Ion: 96 Resp: 4461
Ion Ratio Lower Upper
96 100
61 122.5 110.2 165.4
98 57.8 51.8 77.6

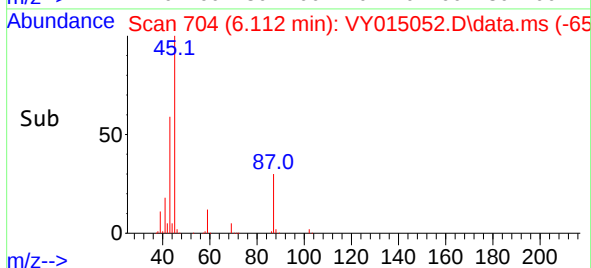
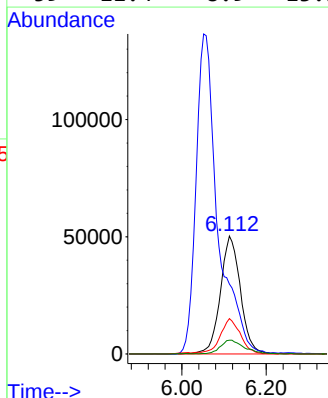
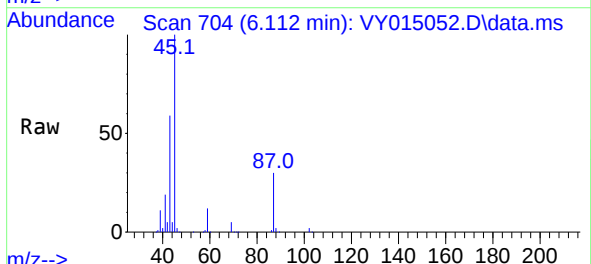
Manual Integrations
APPROVED

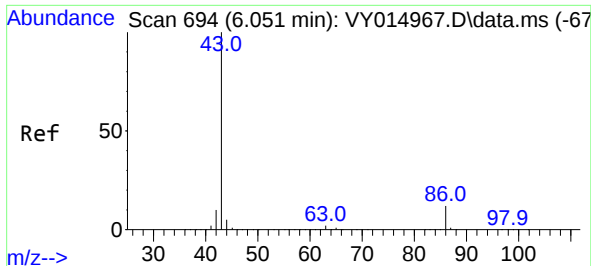
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#22
Diisopropyl ether
Concen: 18.907 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

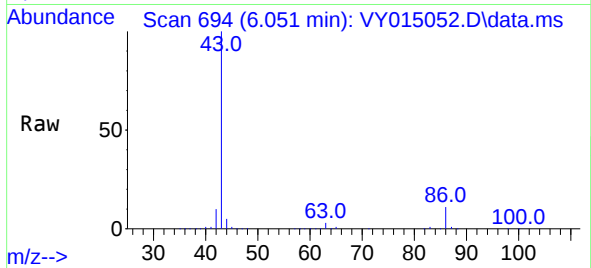
Tgt Ion: 45 Resp: 165739
Ion Ratio Lower Upper
45 100
43 59.0 52.2 78.4
87 30.0 21.0 31.6
59 11.4 8.9 13.3





#23
 Vinyl Acetate
 Concen: 93.422 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY015052.D
 Acq: 11 Aug 2023 12:21

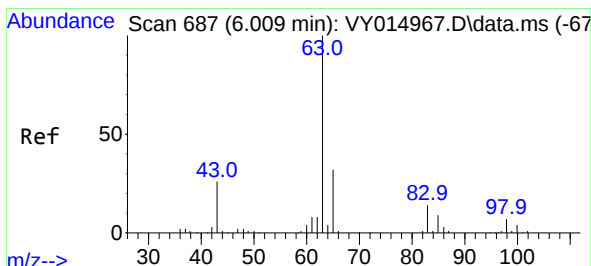
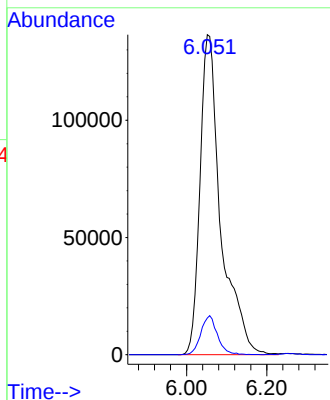
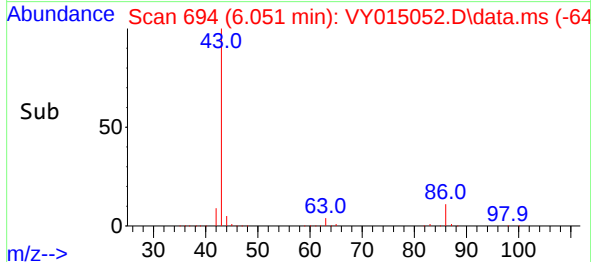
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0811SBS02



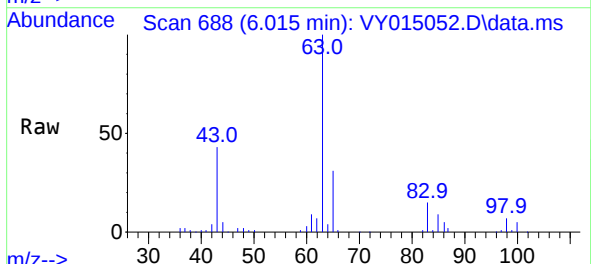
Tgt Ion: 43 Resp: 49228
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3

Manual Integrations
 APPROVED

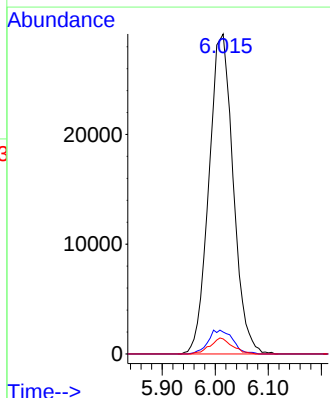
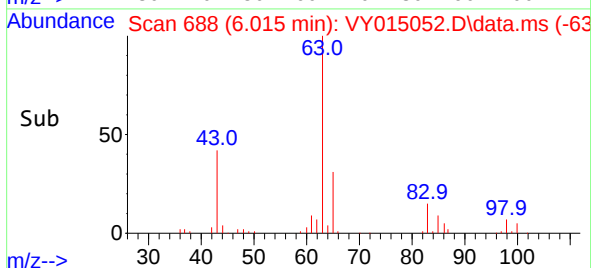
Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023

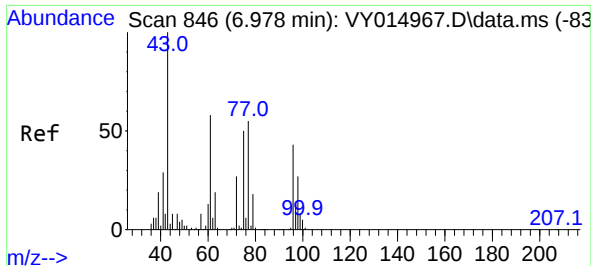


#24
 1,1-Dichloroethane
 Concen: 18.670 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015052.D
 Acq: 11 Aug 2023 12:21



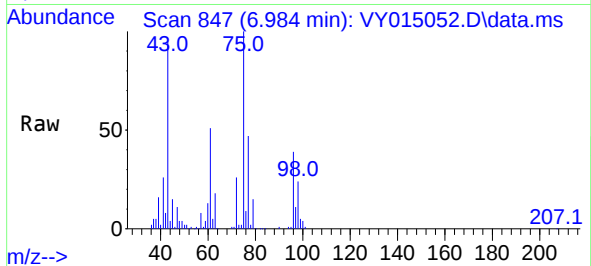
Tgt Ion: 63 Resp: 92831
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 4.7 1.8 5.5





#25
2-Butanone
Concen: 97.067 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

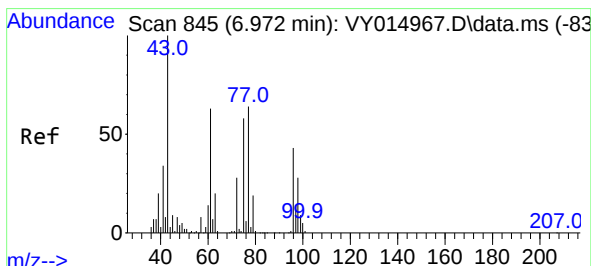
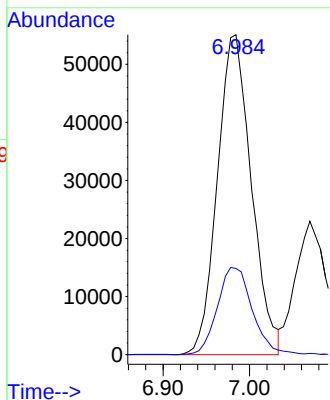
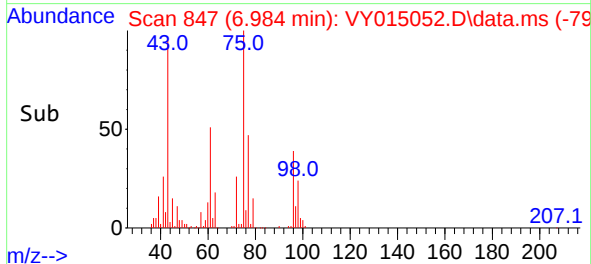
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



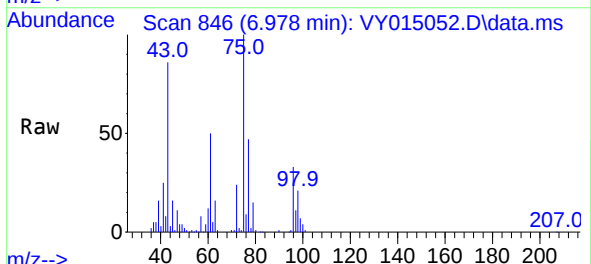
Tgt Ion: 43 Resp: 15023
Ion Ratio Lower Upper
43 100
72 26.9 20.5 30.7

Manual Integrations
APPROVED

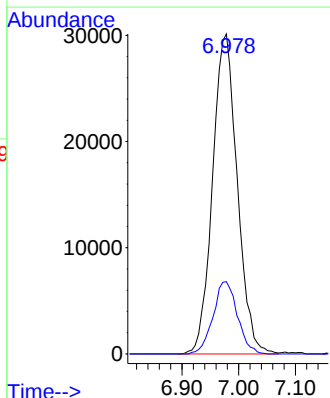
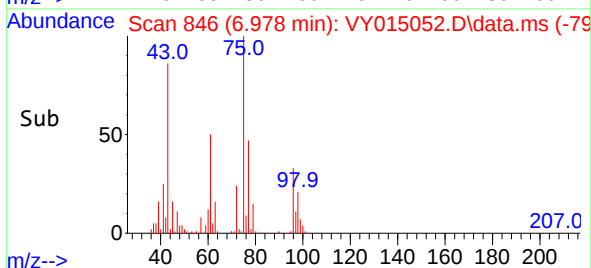
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

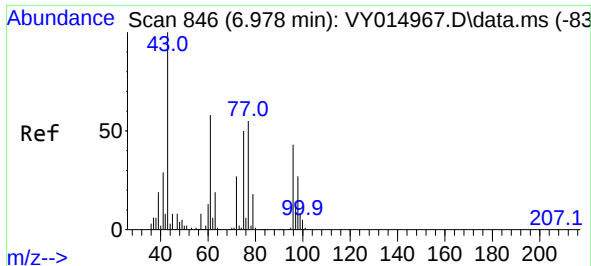


#26
2,2-Dichloropropane
Concen: 18.098 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



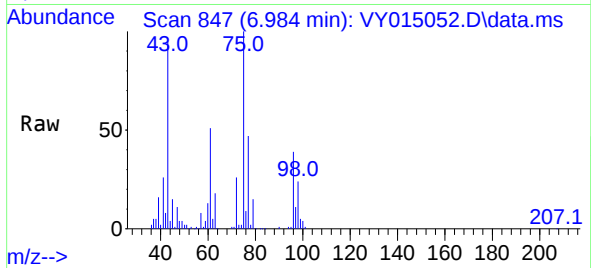
Tgt Ion: 77 Resp: 91055
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.9





#27
cis-1,2-Dichloroethene
Concen: 18.482 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

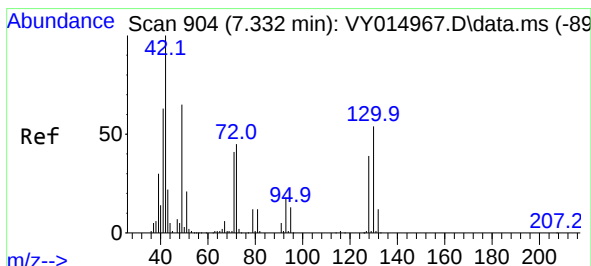
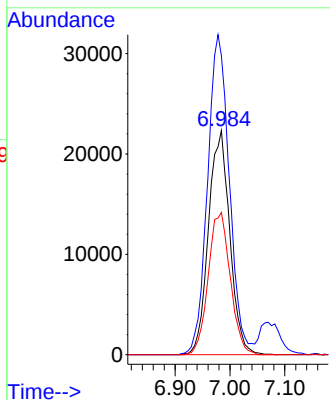
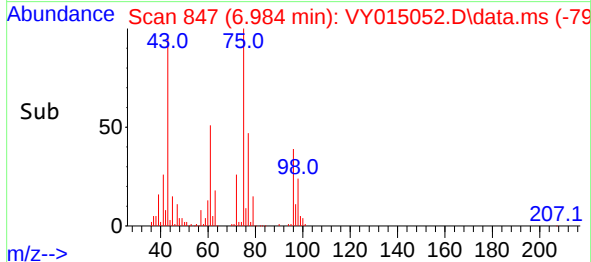
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



Tgt Ion: 96 Resp: 6025
Ion Ratio Lower Upper
96 100
61 146.4 0.0 301.4
98 65.6 0.0 130.4

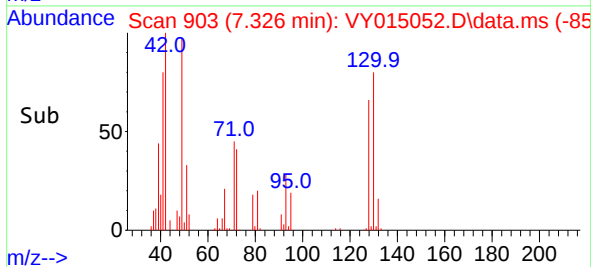
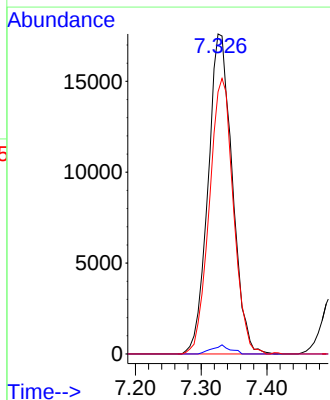
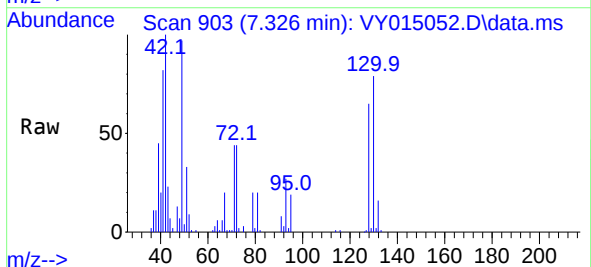
Manual Integrations
APPROVED

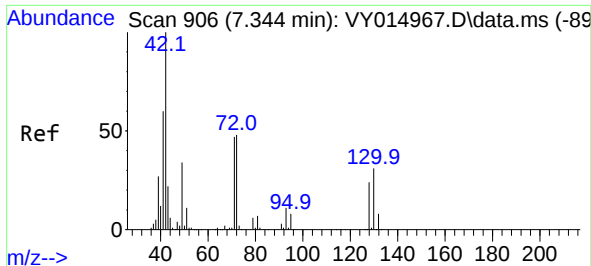
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#28
Bromochloromethane
Concen: 20.140 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

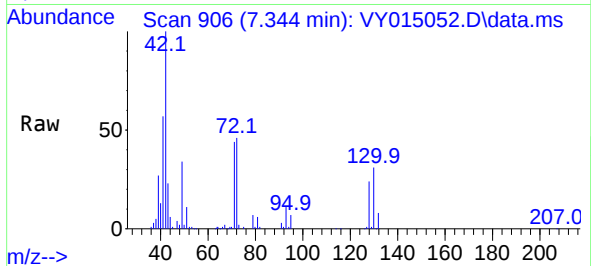
Tgt Ion: 49 Resp: 45142
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 85.4 60.7 91.1





#29
Tetrahydrofuran
Concen: 100.401 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

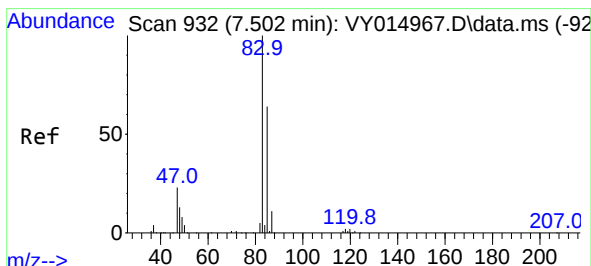
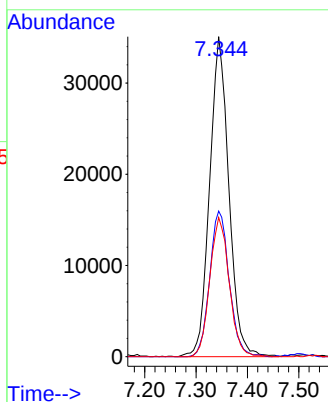
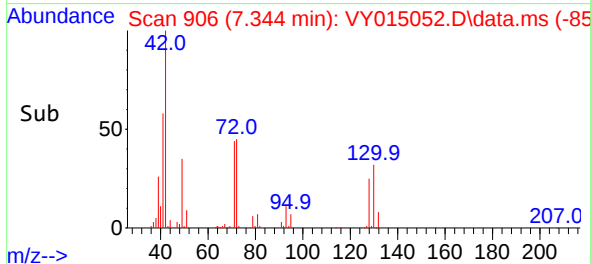
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



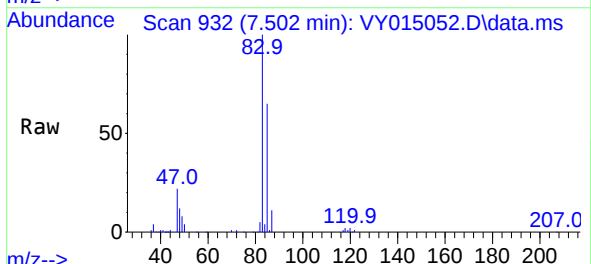
Tgt Ion: 42 Resp: 91128
Ion Ratio Lower Upper
42 100
72 46.3 32.8 49.2
71 43.9 31.0 46.4

Manual Integrations
APPROVED

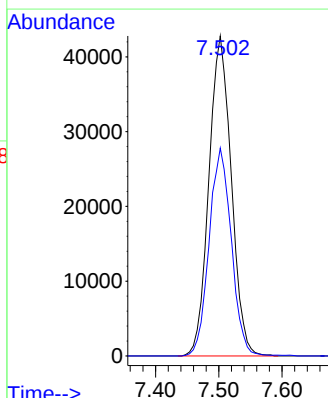
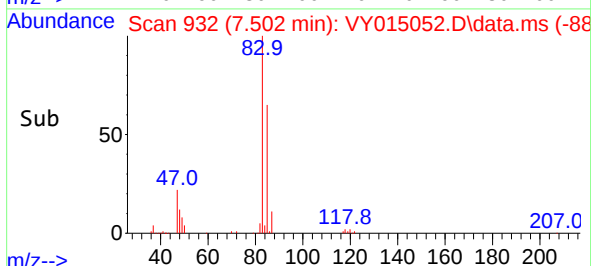
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

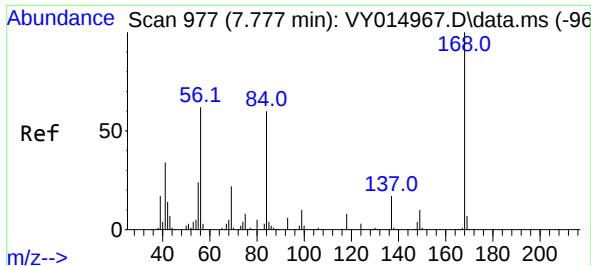


#30
Chloroform
Concen: 19.473 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



Tgt Ion: 83 Resp: 105178
Ion Ratio Lower Upper
83 100
85 64.9 49.7 74.5





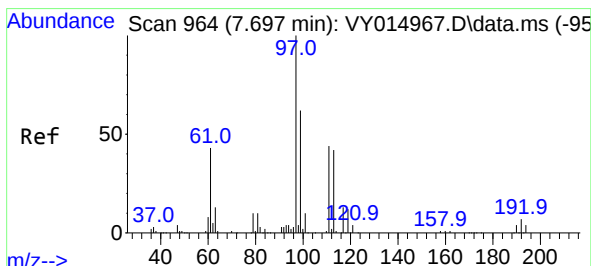
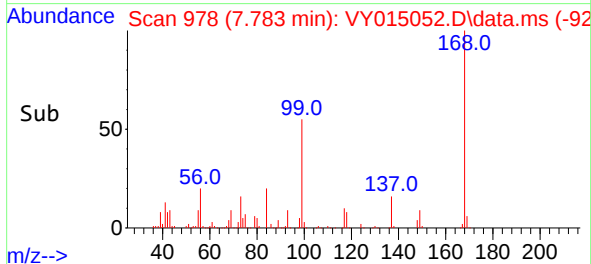
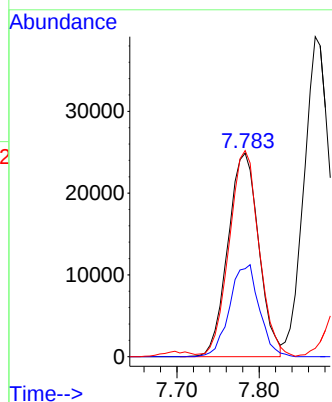
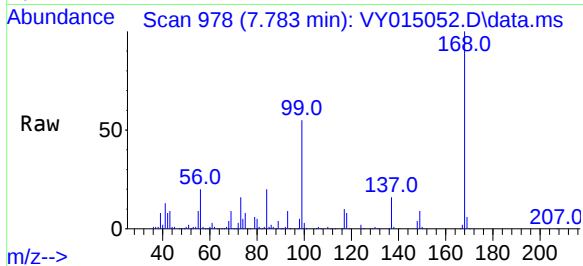
#31
Cyclohexane
Concen: 15.647 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02

Tgt Ion: 56 Resp: 6474
Ion Ratio Lower Upper
56 100
69 43.3 27.8 41.6
84 99.5 66.4 99.6

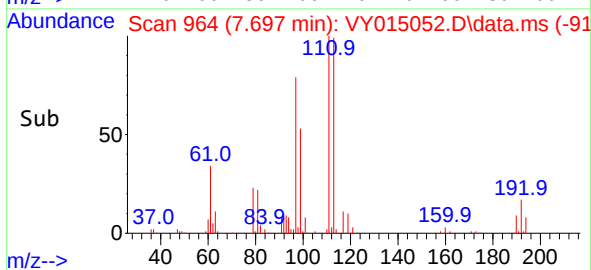
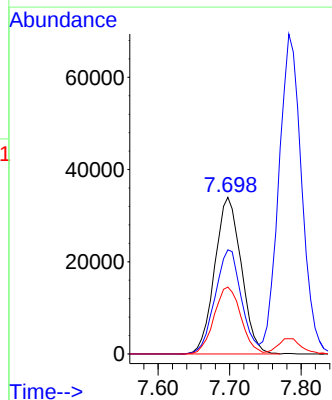
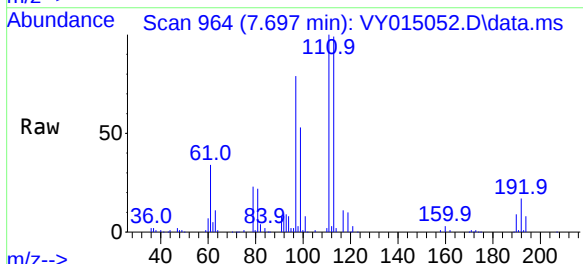
Manual Integrations
APPROVED

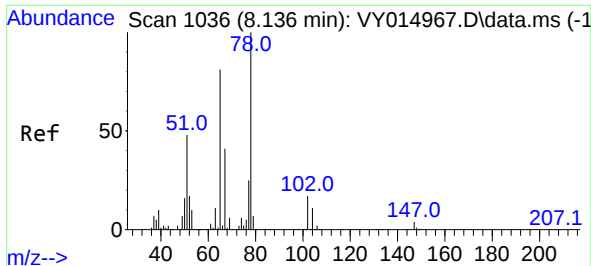
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#32
1,1,1-Trichloroethane
Concen: 18.404 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Tgt Ion: 97 Resp: 87605
Ion Ratio Lower Upper
97 100
99 65.9 50.8 76.2
61 43.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.959 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015052.D

Acq: 11 Aug 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0811SBS02

Tgt Ion: 65 Resp: 190454

Ion Ratio Lower Upper

65 100

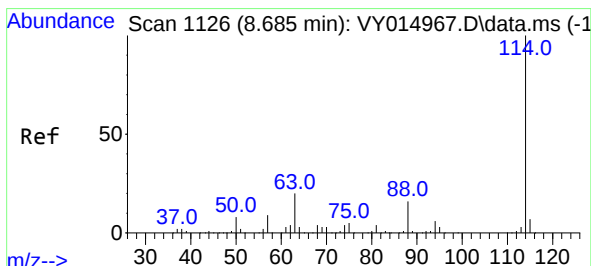
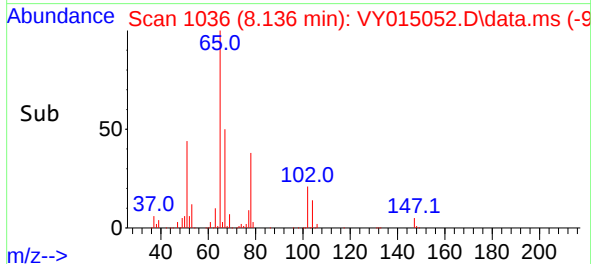
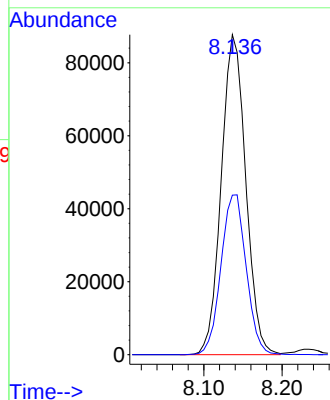
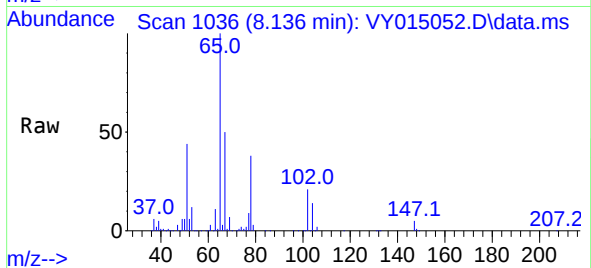
67 51.6 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015052.D

Acq: 11 Aug 2023 12:21

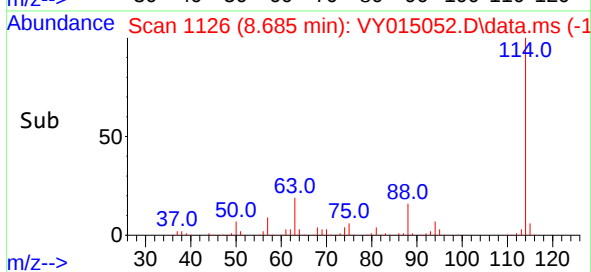
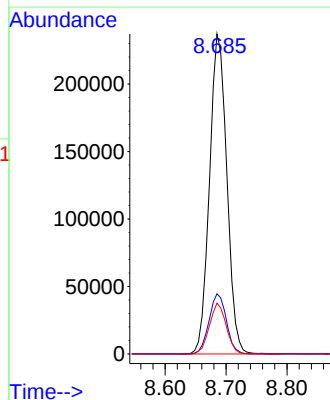
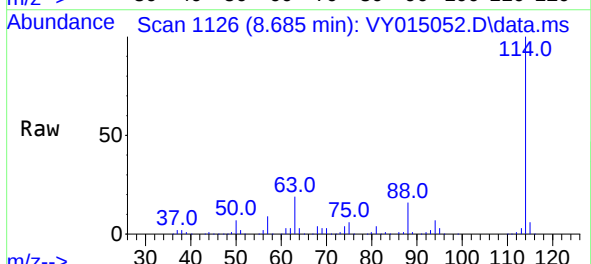
Tgt Ion:114 Resp: 468704

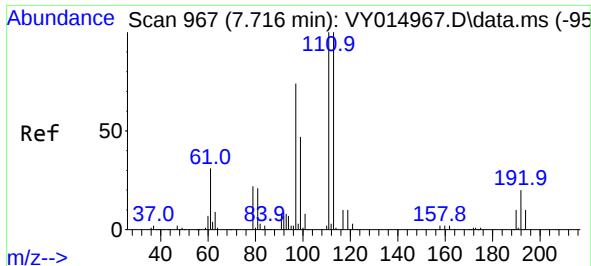
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

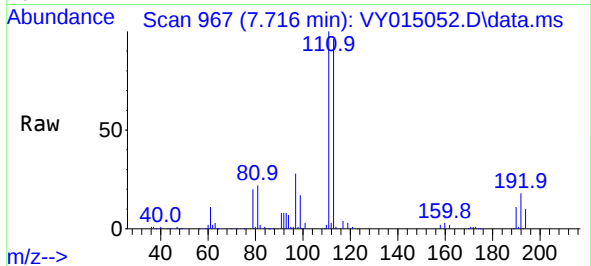
88 15.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 56.409 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

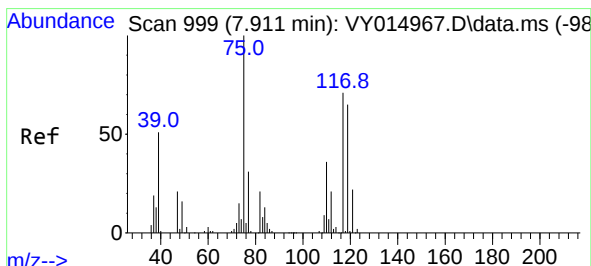
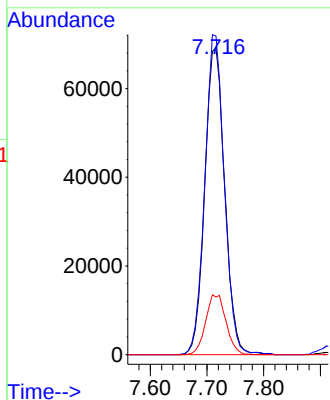
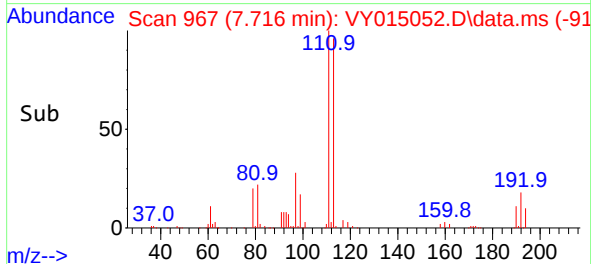
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



Tgt Ion:113 Resp: 16907
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.9 16.9 25.3

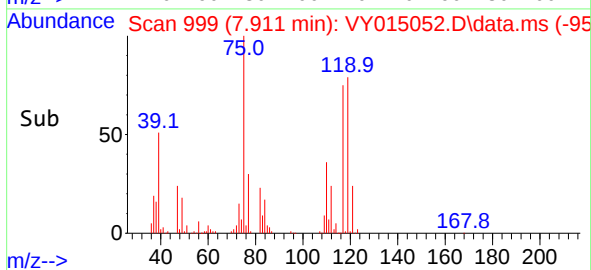
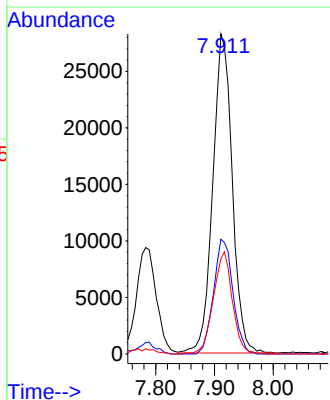
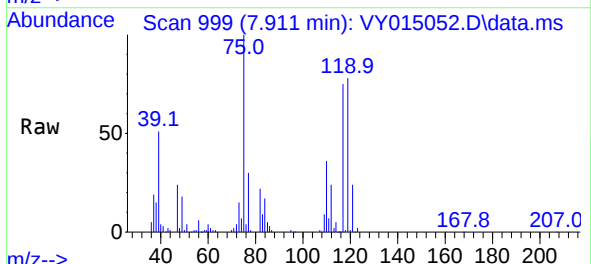
Manual Integrations
APPROVED

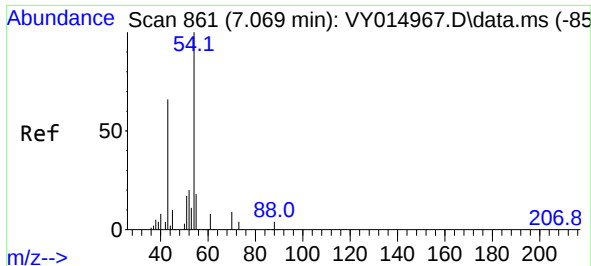
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#36
1,1-Dichloropropene
Concen: 17.464 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

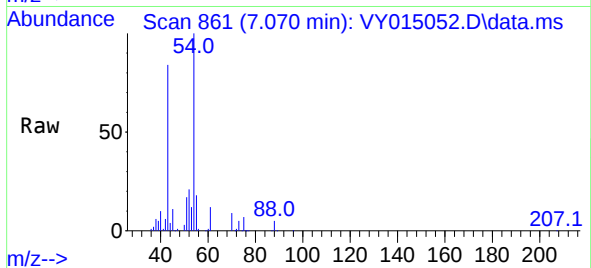
Tgt Ion: 75 Resp: 64985
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 31.3 24.4 36.6





#37
Ethyl Acetate
Concen: 20.261 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

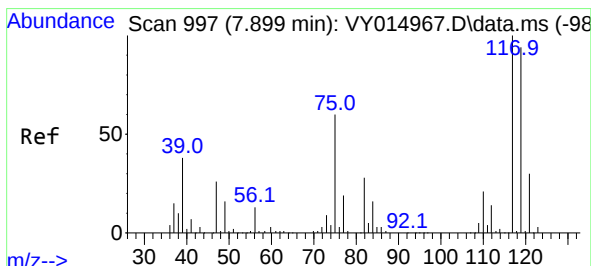
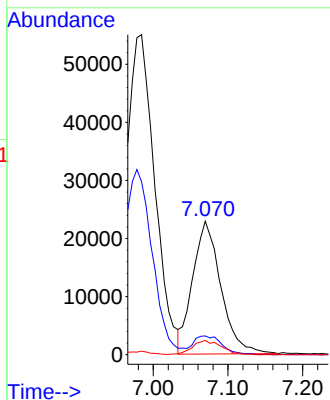
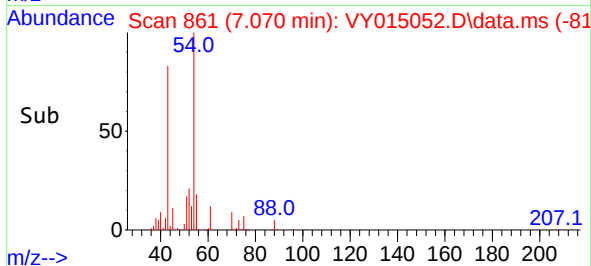
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



Tgt Ion: 43 Resp: 59840
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 10.9 7.1 10.7

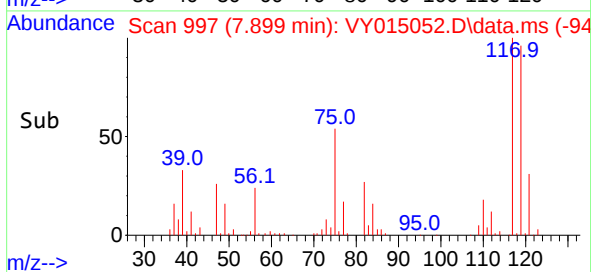
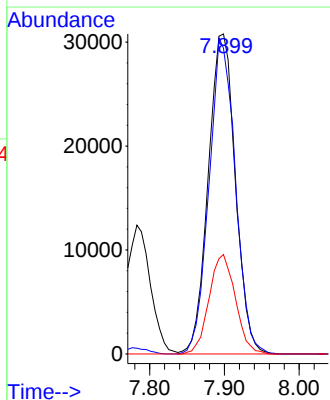
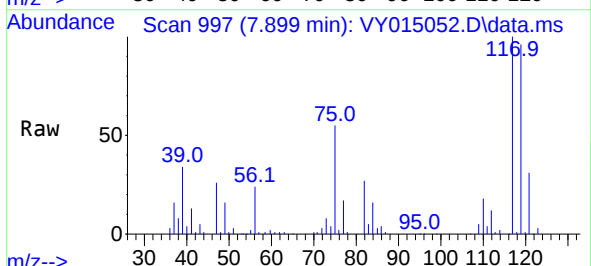
Manual Integrations
APPROVED

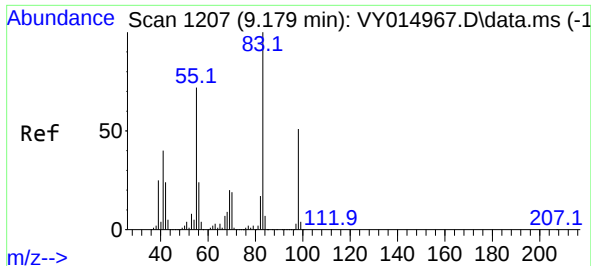
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#38
Carbon Tetrachloride
Concen: 18.521 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

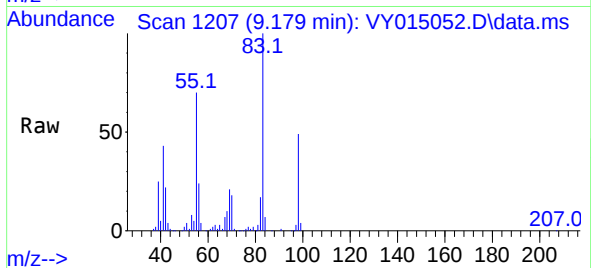
Tgt Ion:117 Resp: 77481
Ion Ratio Lower Upper
117 100
119 95.6 76.4 114.6
121 31.1 25.8 38.6





#39
Methylcyclohexane
Concen: 16.570 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

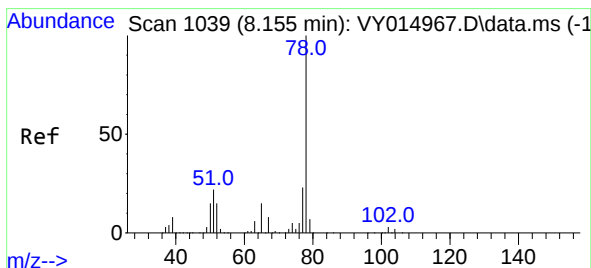
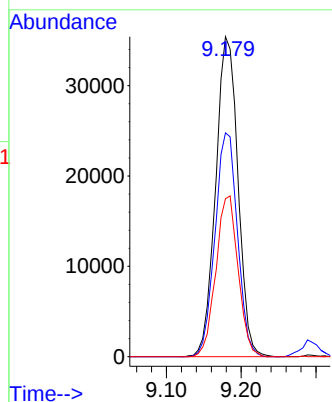
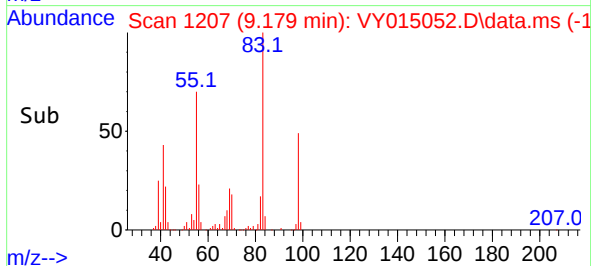
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



Tgt Ion: 83 Resp: 73328
Ion Ratio Lower Upper
83 100
55 69.9 63.0 94.4
98 49.4 37.4 56.2

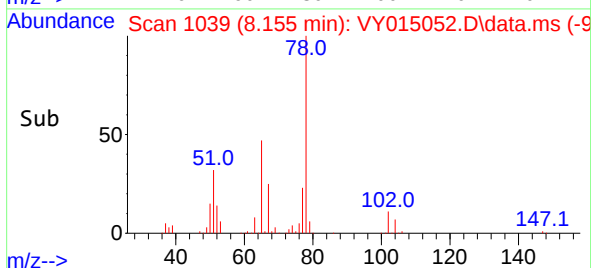
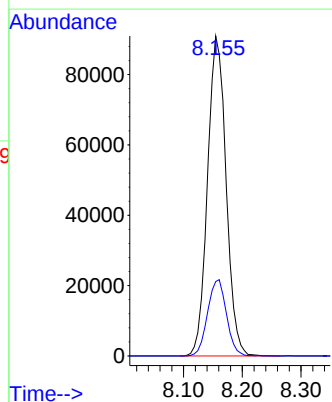
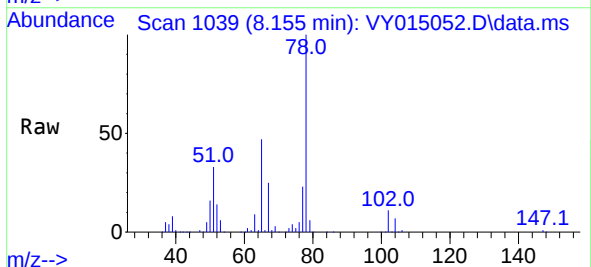
Manual Integrations
APPROVED

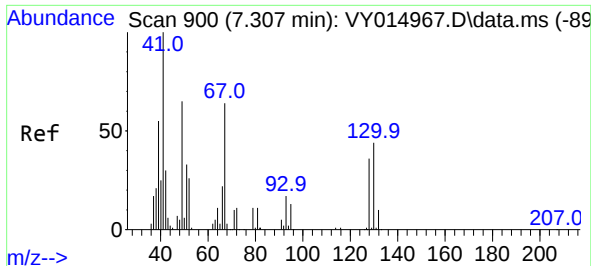
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#40
Benzene
Concen: 18.238 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

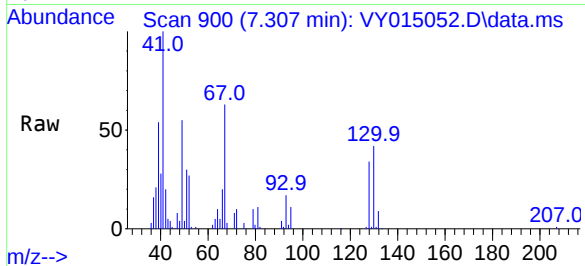
Tgt Ion: 78 Resp: 199842
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 19.013 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

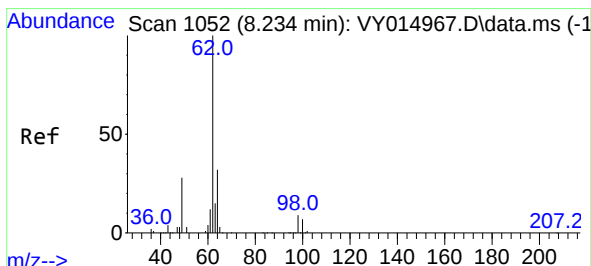
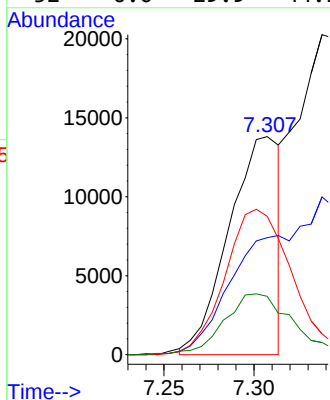
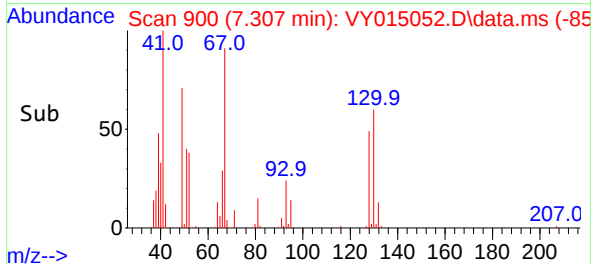
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



Tgt Ion: 41 Resp: 2729
Ion Ratio Lower Upper
41 100
39 156.8 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

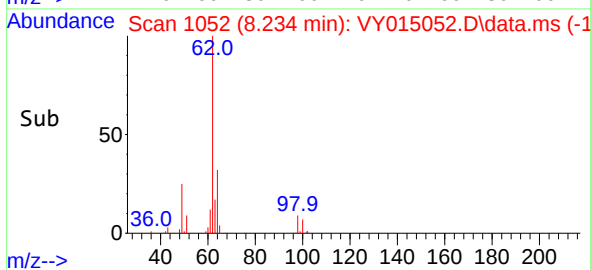
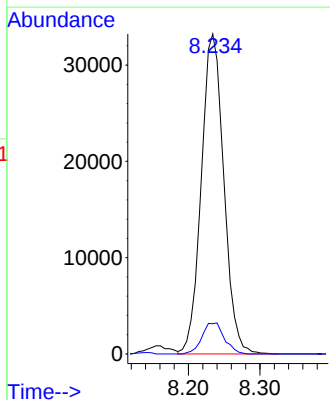
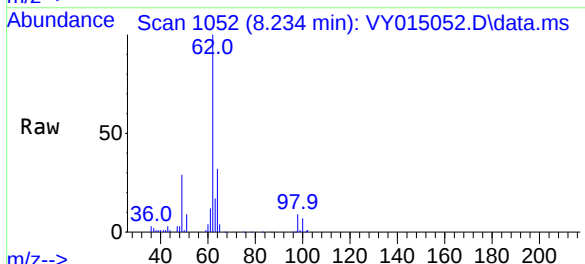
Manual Integrations
APPROVED

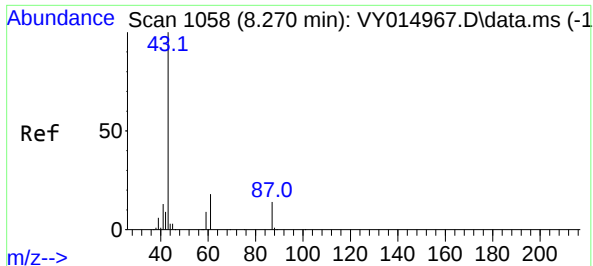
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#42
1,2-Dichloroethane
Concen: 19.077 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

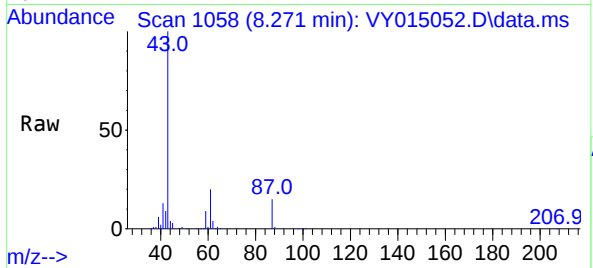
Tgt Ion: 62 Resp: 72761
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8





#43
Isopropyl Acetate
Concen: 19.760 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

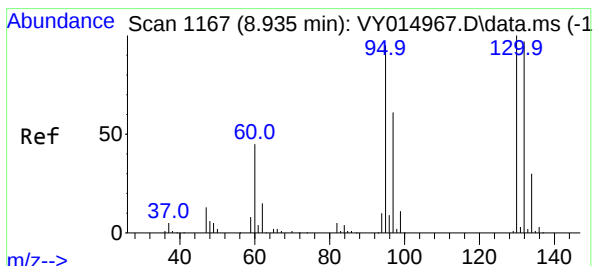
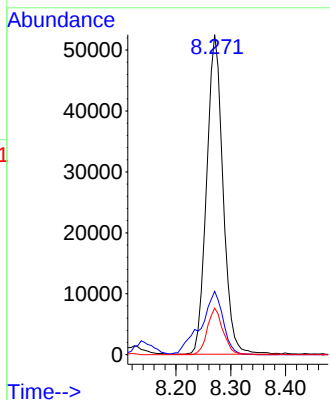
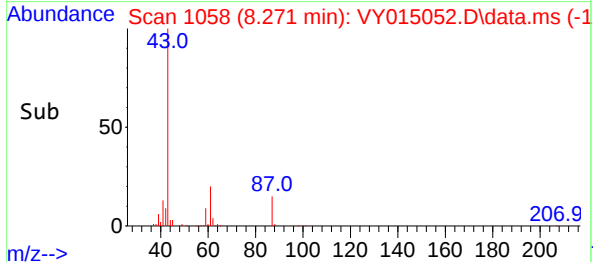
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



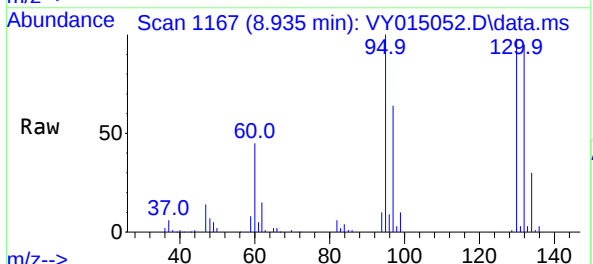
Tgt Ion: 43 Resp: 108440
Ion Ratio Lower Upper
43 100
61 27.1 21.1 31.7
87 14.0 9.8 14.8

Manual Integrations
APPROVED

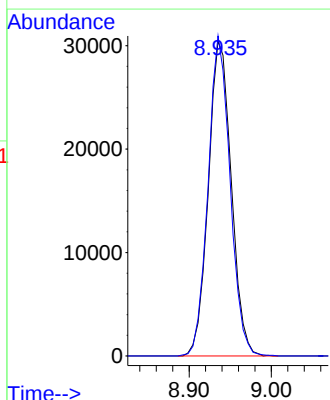
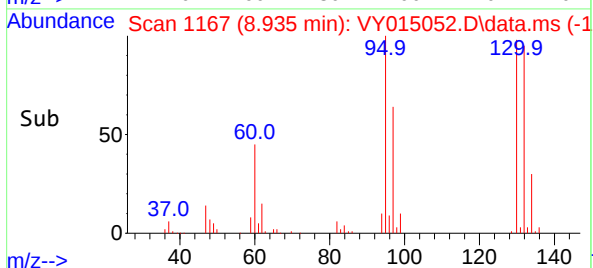
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

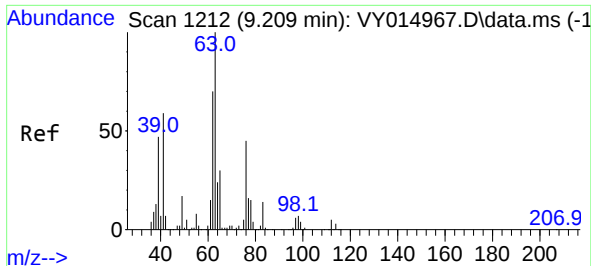


#44
Trichloroethene
Concen: 18.738 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



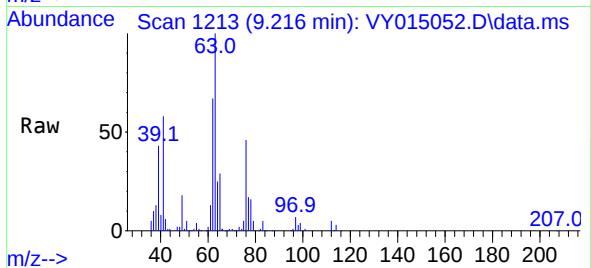
Tgt Ion:130 Resp: 58913
Ion Ratio Lower Upper
130 100
95 101.6 0.0 196.0





#45
1,2-Dichloropropane
Concen: 18.871 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

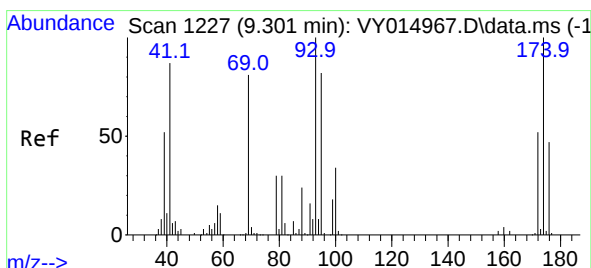
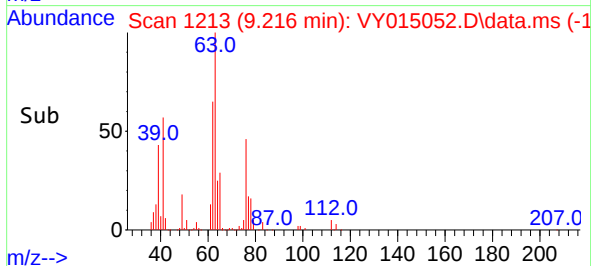
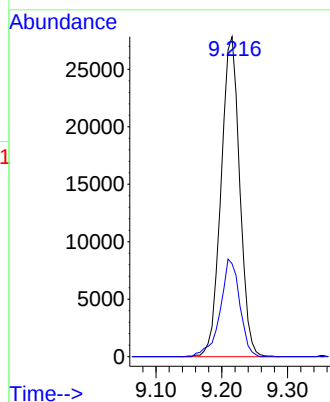
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



Tgt Ion: 63 Resp: 5495
Ion Ratio Lower Upper
63 100
65 29.0 23.8 35.6

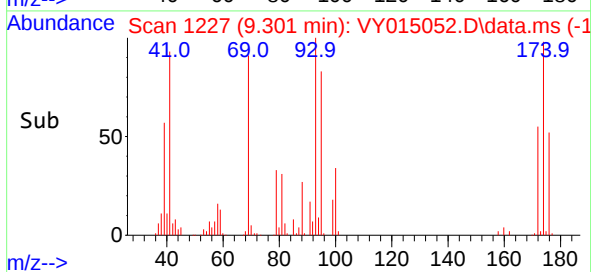
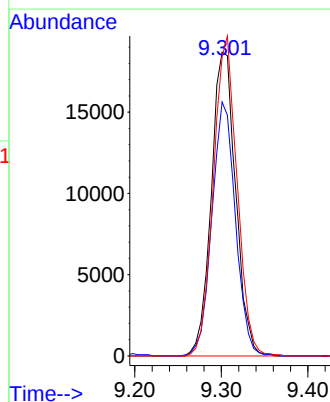
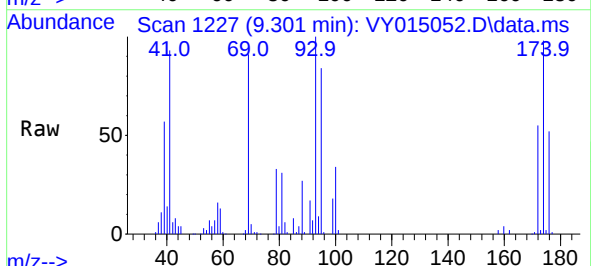
Manual Integrations
APPROVED

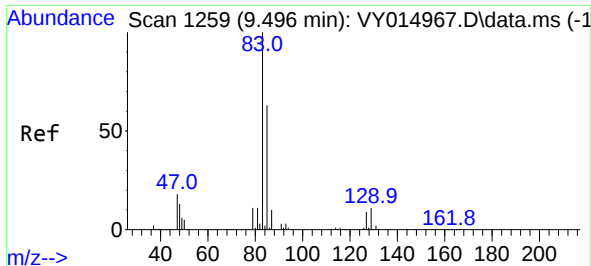
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#46
Dibromomethane
Concen: 19.480 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Tgt Ion: 93 Resp: 36543
Ion Ratio Lower Upper
93 100
95 80.7 66.6 100.0
174 101.8 84.8 127.2





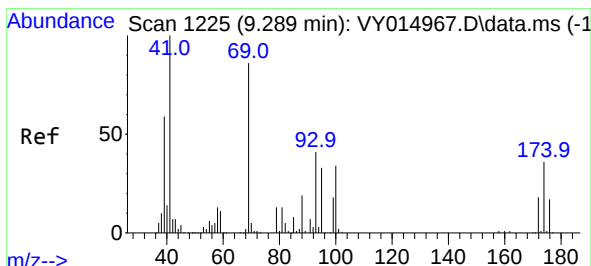
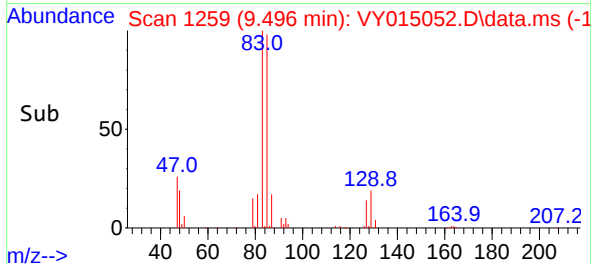
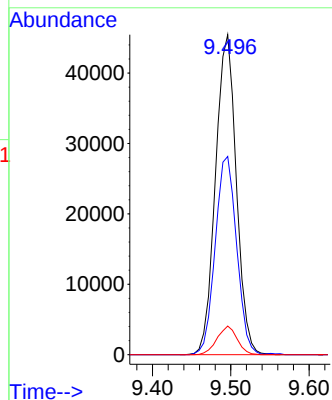
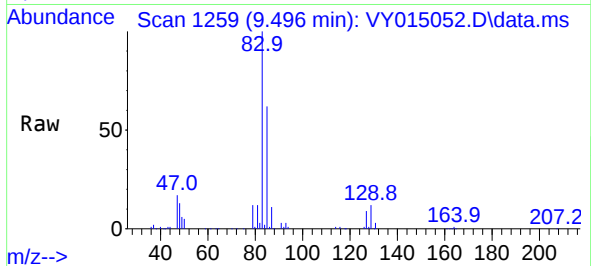
#47
Bromodichloromethane
Concen: 19.455 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02

Tgt Ion: 83 Resp: 8404
Ion Ratio Lower Upper
83 100
85 61.9 50.1 75.1
127 9.0 7.1 10.7

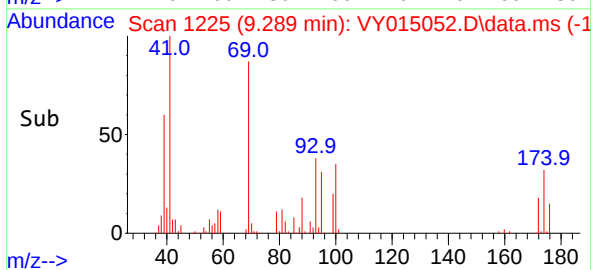
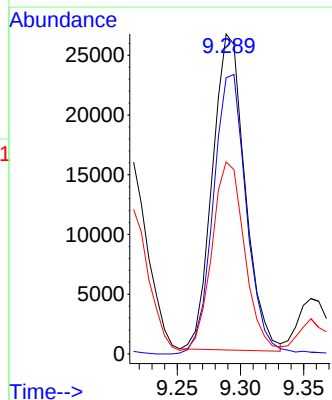
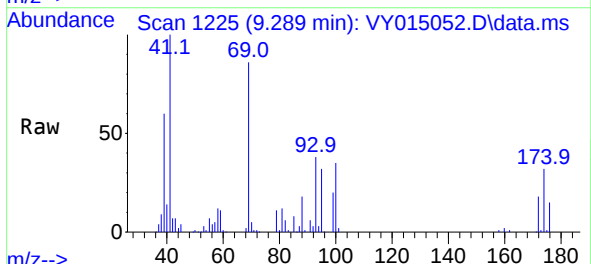
Manual Integrations
APPROVED

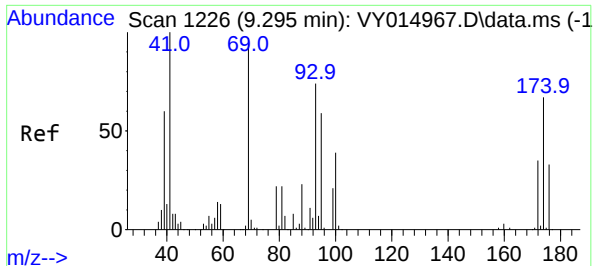
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#48
Methyl methacrylate
Concen: 19.669 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Tgt Ion: 41 Resp: 47358
Ion Ratio Lower Upper
41 100
69 90.4 64.5 96.7
39 62.0 50.8 76.2





#49

1,4-Dioxane

Concen: 405.802 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY015052.D

Acq: 11 Aug 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0811SBS02

Tgt Ion: 88 Resp: 14160

Ion Ratio Lower Upper

88 100

43 32.5 0.0 0.0

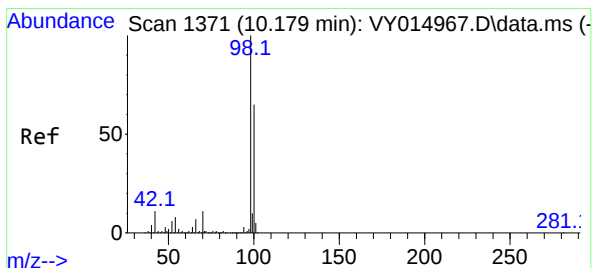
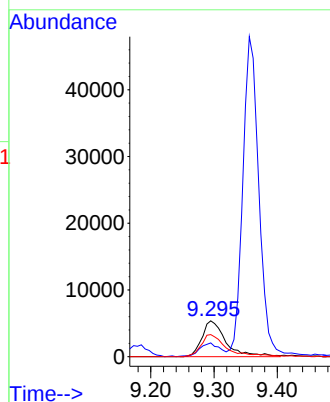
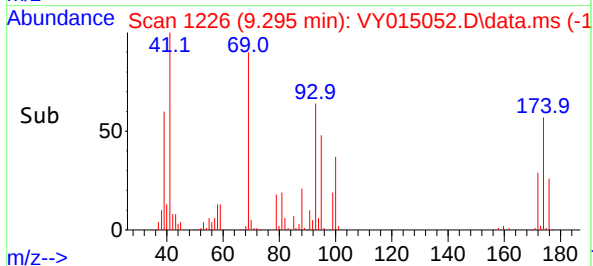
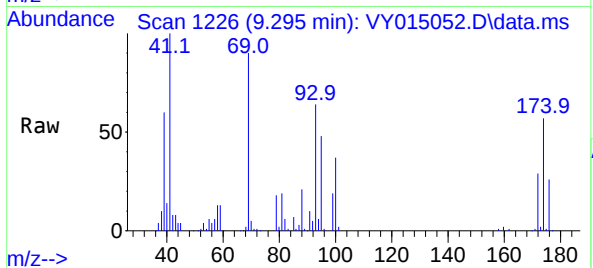
58 61.2 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#50

Toluene-d8

Concen: 54.364 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015052.D

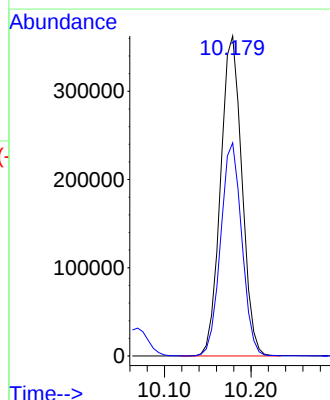
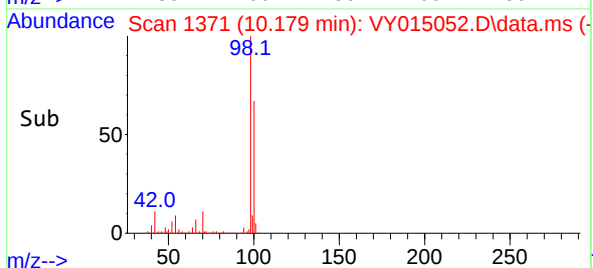
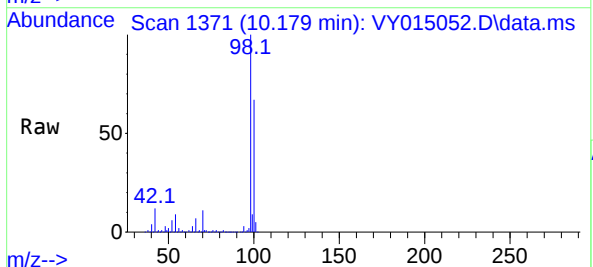
Acq: 11 Aug 2023 12:21

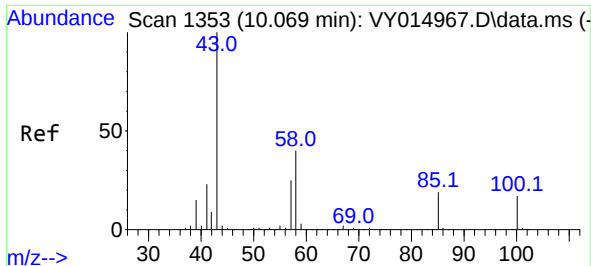
Tgt Ion: 98 Resp: 620198

Ion Ratio Lower Upper

98 100

100 66.0 50.1 75.1





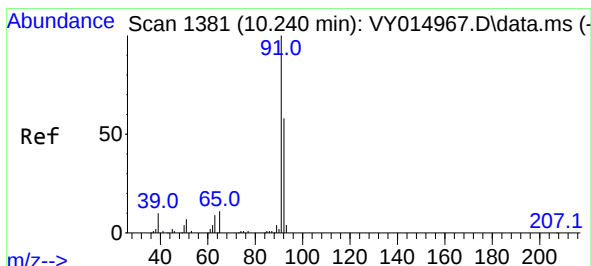
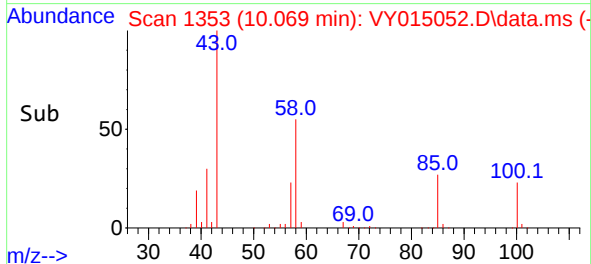
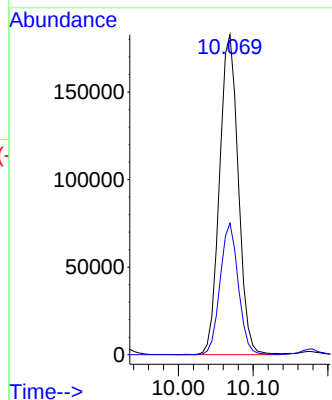
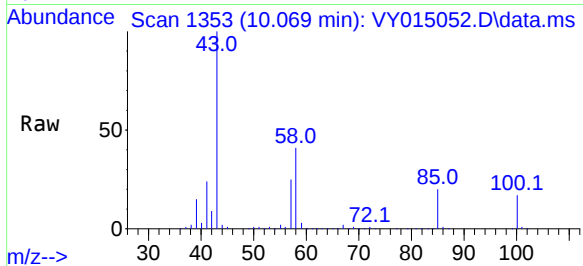
#51
4-Methyl-2-Pentanone
Concen: 103.387 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02

Tgt Ion: 43 Resp: 319730
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6

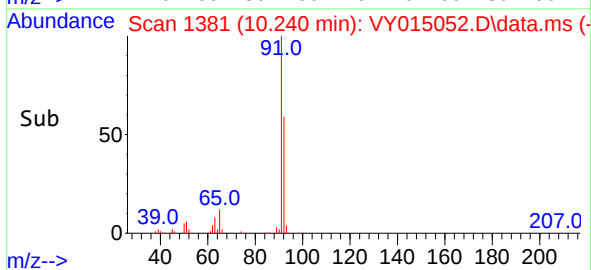
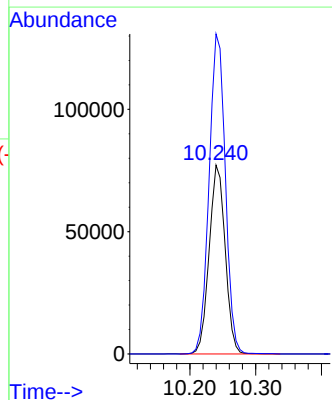
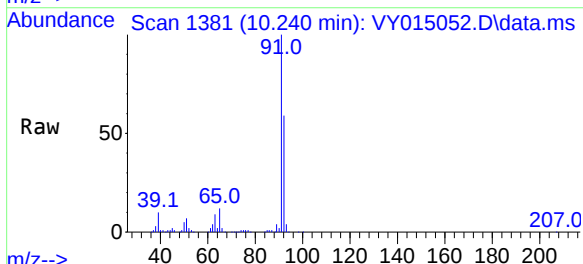
Manual Integrations
APPROVED

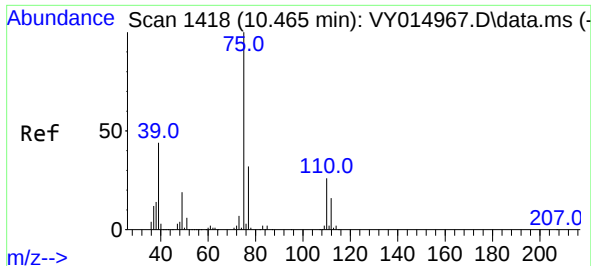
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#52
Toluene
Concen: 18.565 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

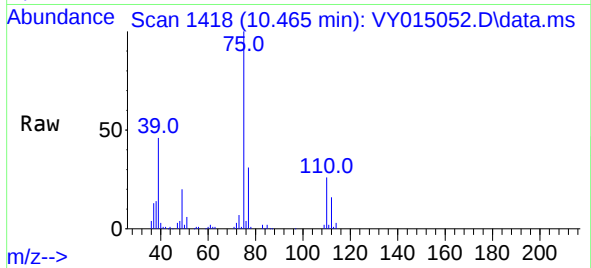
Tgt Ion: 92 Resp: 130906
Ion Ratio Lower Upper
92 100
91 171.8 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 19.097 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

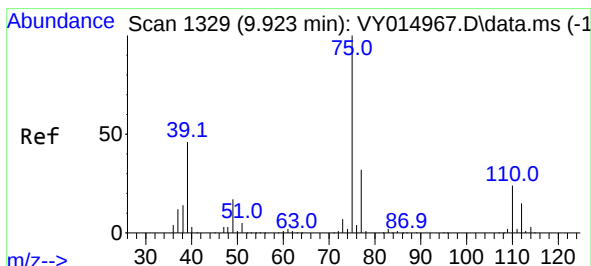
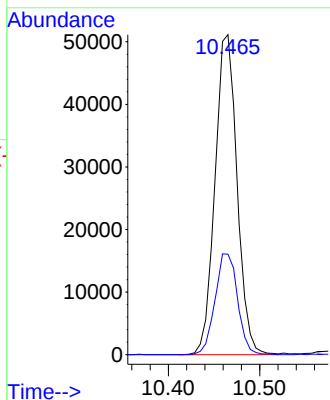
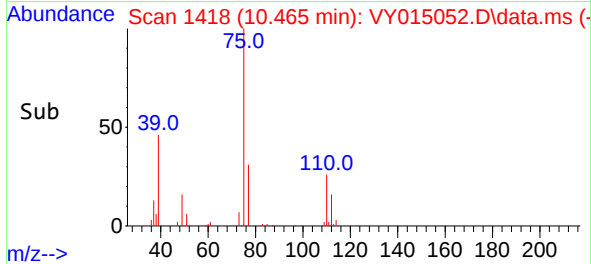
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



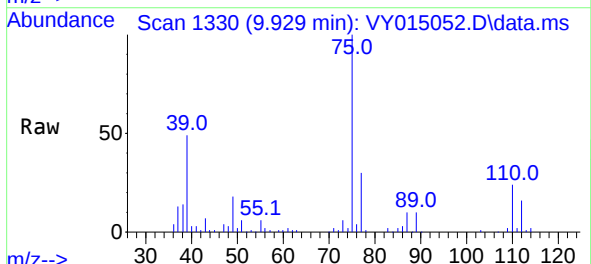
Tgt Ion: 75 Resp: 8591
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4

Manual Integrations
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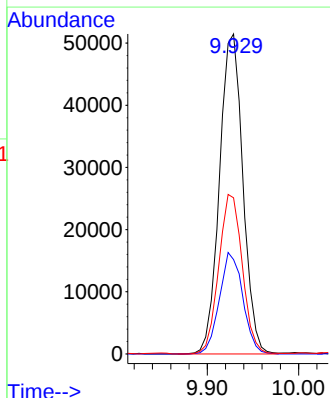
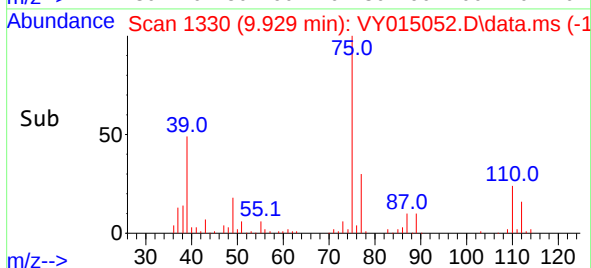
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

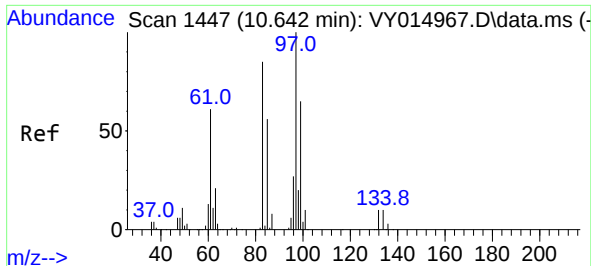


#54
cis-1,3-Dichloropropene
Concen: 18.882 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



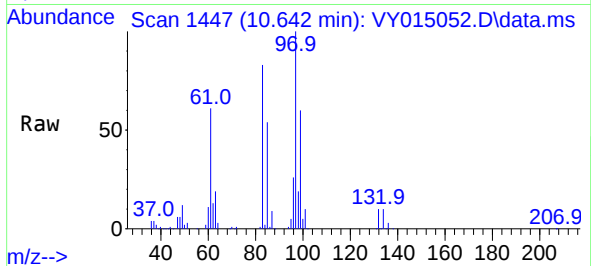
Tgt Ion: 75 Resp: 91774
Ion Ratio Lower Upper
75 100
77 29.5 24.2 36.4
39 48.8 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 19.663 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02

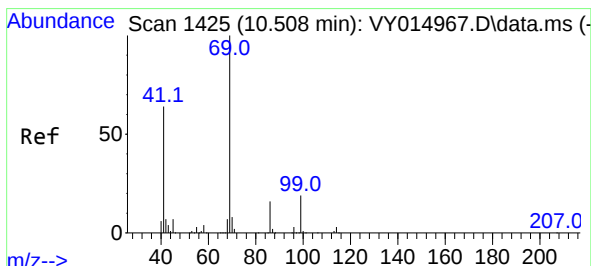
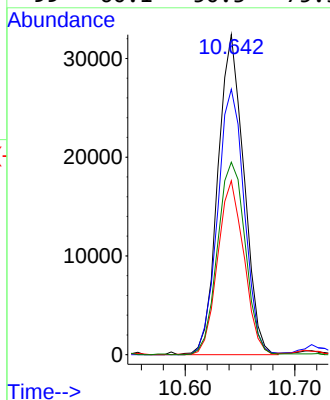
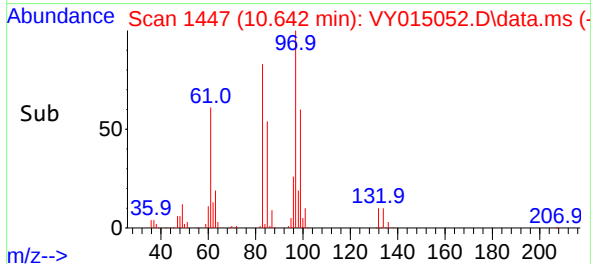


Tgt Ion: 97 Resp: 5361

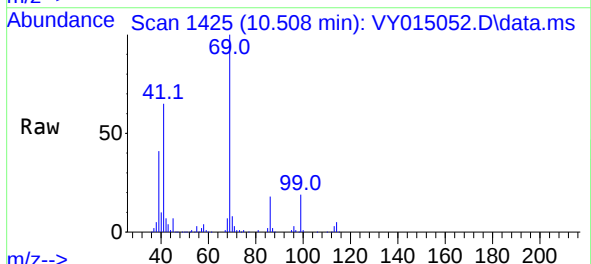
Ion	Ratio	Lower	Upper
97	100		
83	83.0	72.0	108.0
85	54.2	45.4	68.0
99	60.1	50.3	75.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

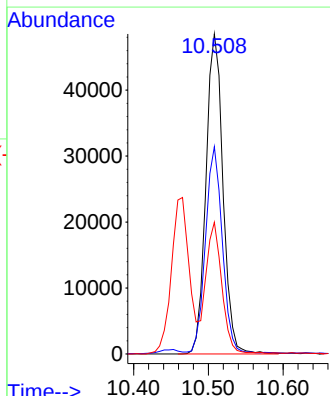
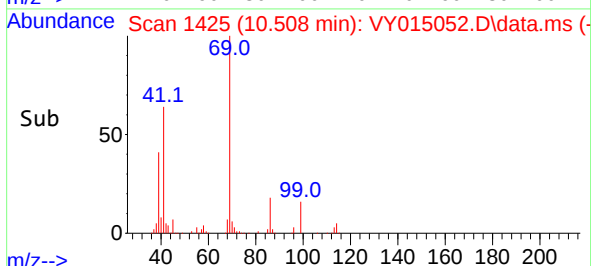


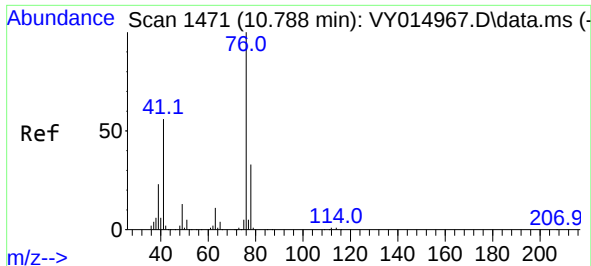
#56
Ethyl methacrylate
Concen: 19.711 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



Tgt Ion: 69 Resp: 76956

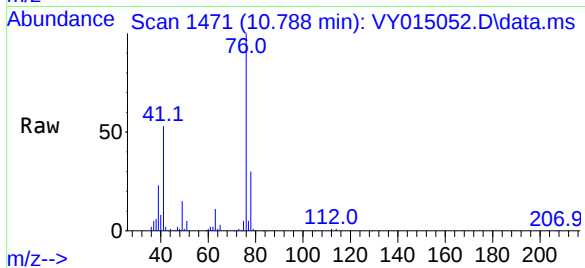
Ion	Ratio	Lower	Upper
69	100		
41	63.6	57.6	86.4
39	39.0	34.1	51.1





#57
1,3-Dichloropropane
Concen: 19.722 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

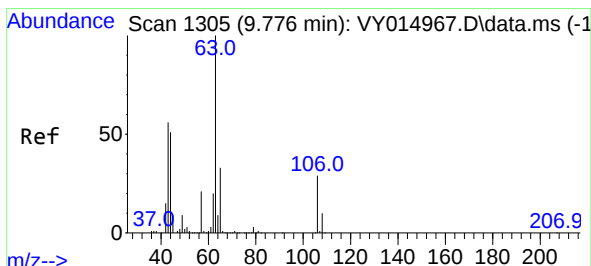
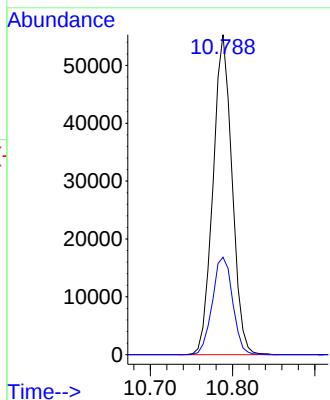
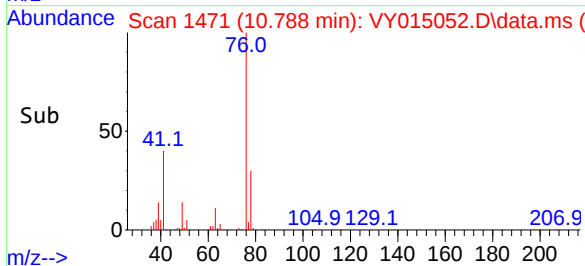
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



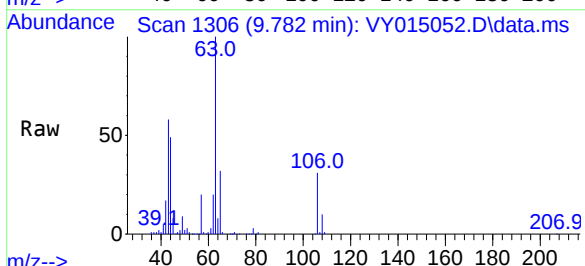
Tgt Ion: 76 Resp: 88968
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9

Manual Integrations
APPROVED

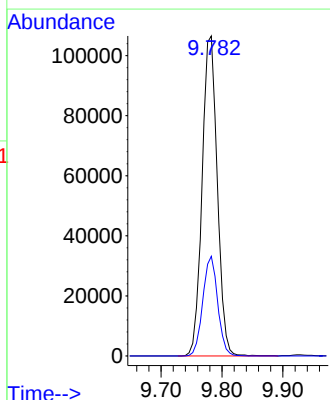
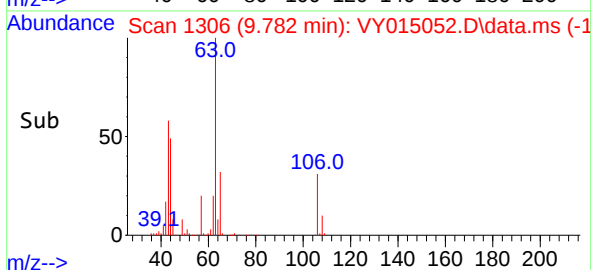
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

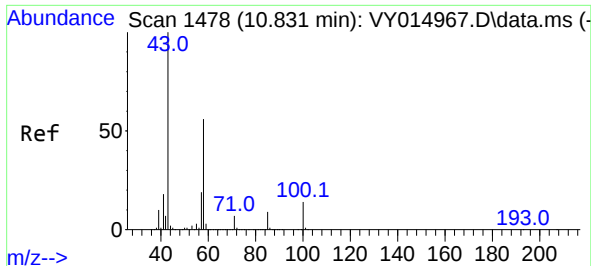


#58
2-Chloroethyl Vinyl ether
Concen: 99.849 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



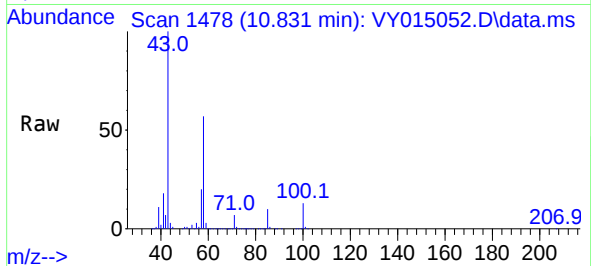
Tgt Ion: 63 Resp: 184321
Ion Ratio Lower Upper
63 100
106 30.6 21.2 31.8





#59
2-Hexanone
Concen: 105.424 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

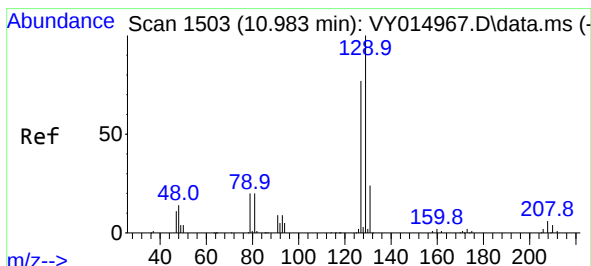
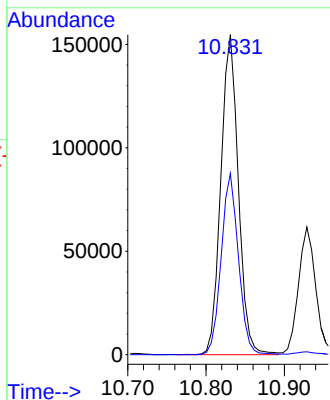
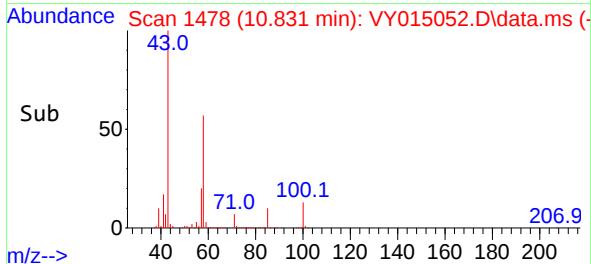
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



Tgt Ion: 43 Resp: 240844
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3

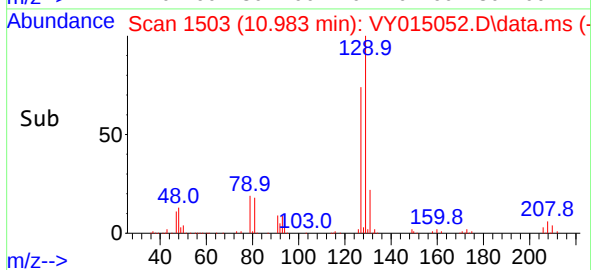
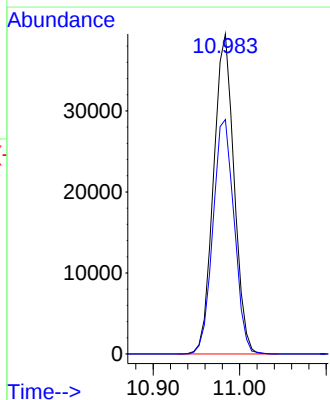
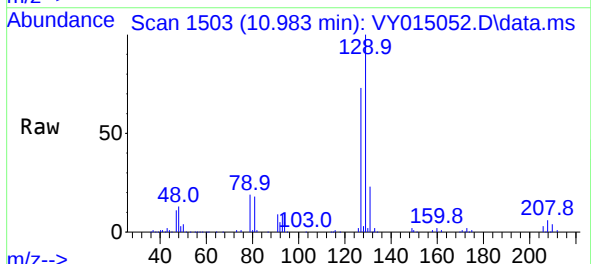
Manual Integrations
APPROVED

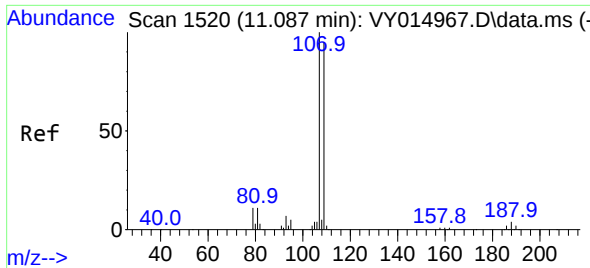
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#60
Dibromochloromethane
Concen: 20.038 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Tgt Ion:129 Resp: 65053
Ion Ratio Lower Upper
129 100
127 75.8 38.5 115.5





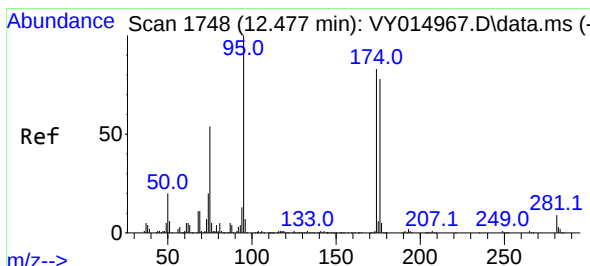
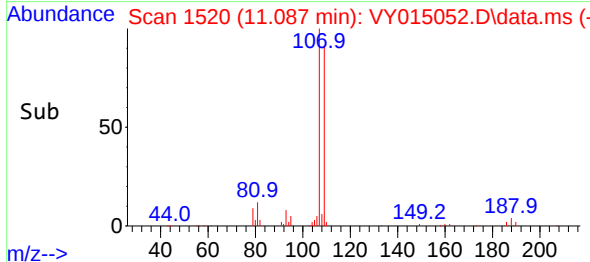
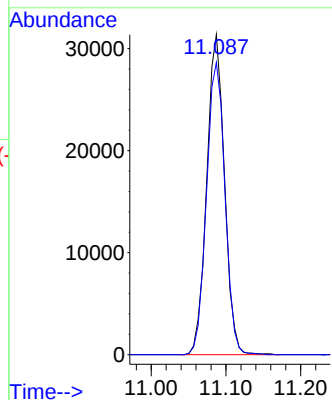
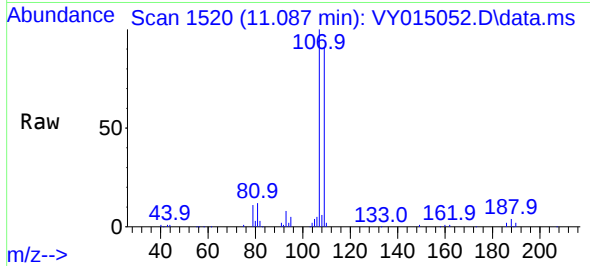
#61
1,2-Dibromoethane
Concen: 19.908 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02

Tgt Ion:107 Resp: 5181
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4

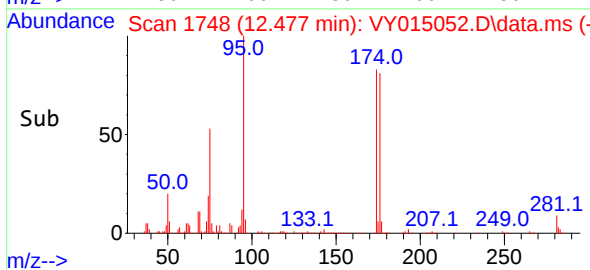
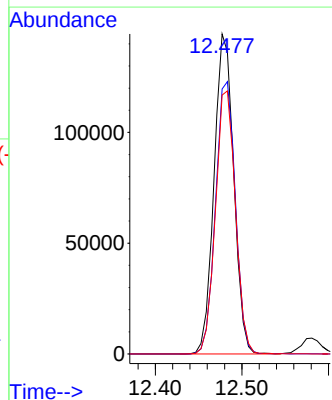
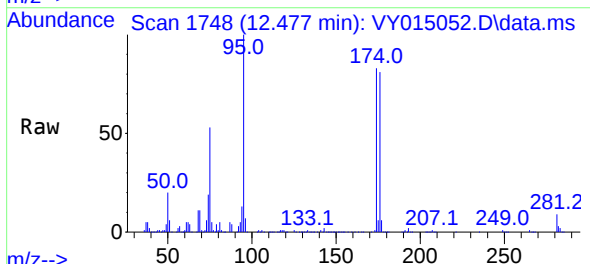
Manual Integrations
APPROVED

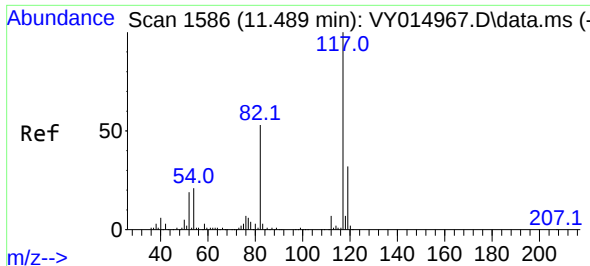
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#62
4-Bromofluorobenzene
Concen: 56.270 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

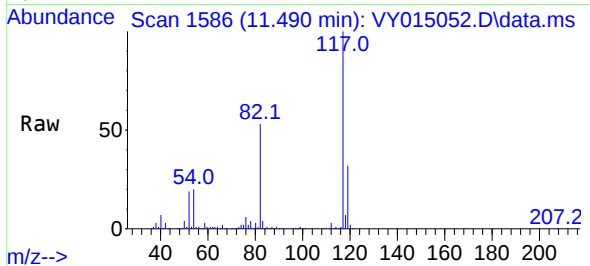
Tgt Ion: 95 Resp: 227516
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 83.7 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

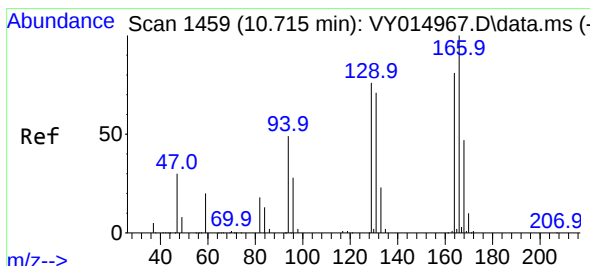
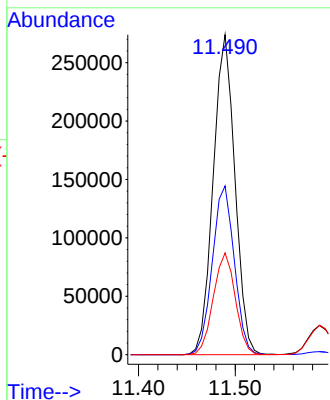
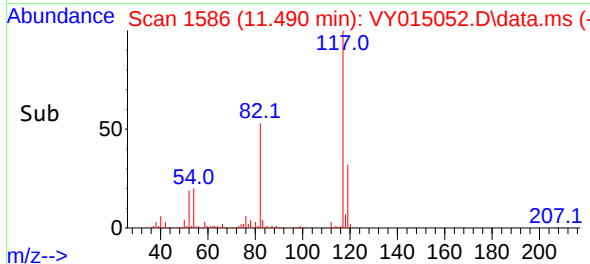
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



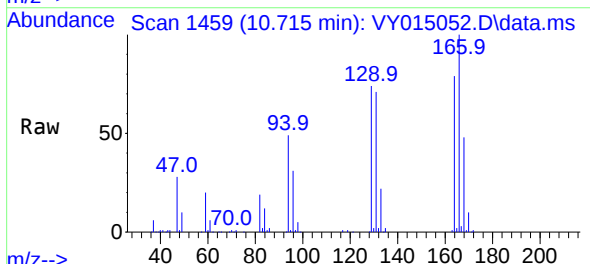
Tgt Ion:117 Resp: 427144
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.8 26.3 39.5

Manual Integrations
APPROVED

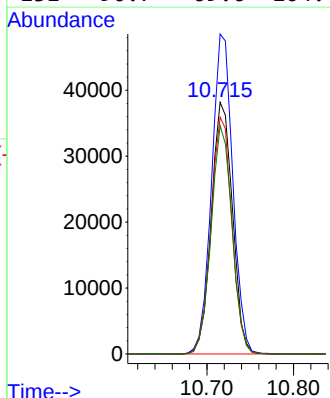
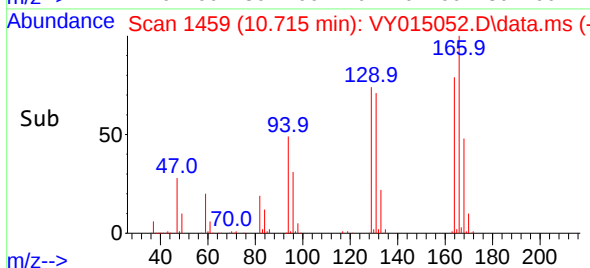
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

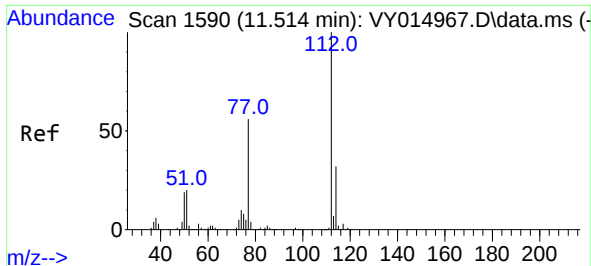


#64
Tetrachloroethene
Concen: 20.262 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



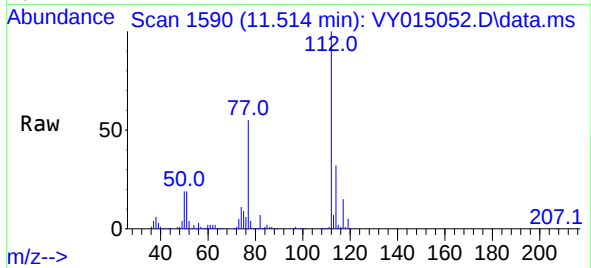
Tgt Ion:164 Resp: 65102
Ion Ratio Lower Upper
164 100
166 127.2 103.0 154.6
129 94.1 77.2 115.8
131 90.7 69.6 104.4





#65
Chlorobenzene
Concen: 19.098 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

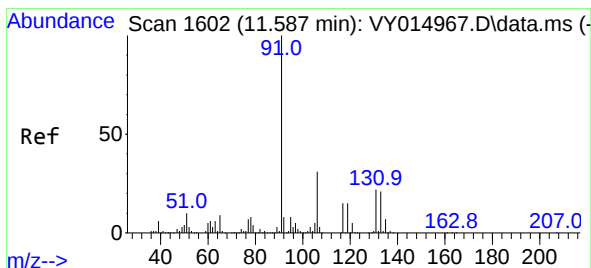
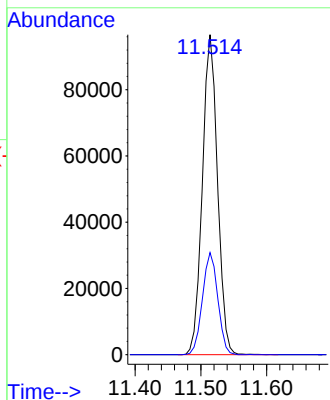
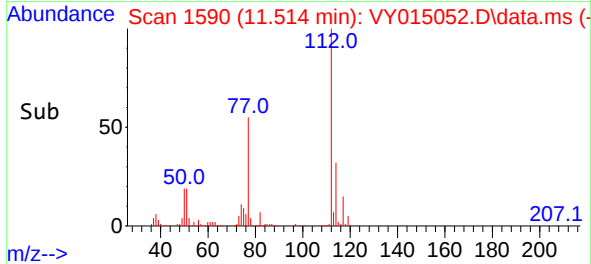
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



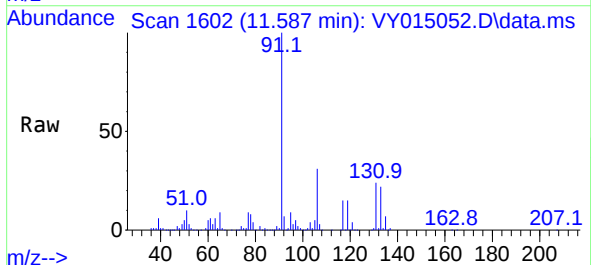
Tgt Ion:112 Resp: 15479
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

Manual Integrations
APPROVED

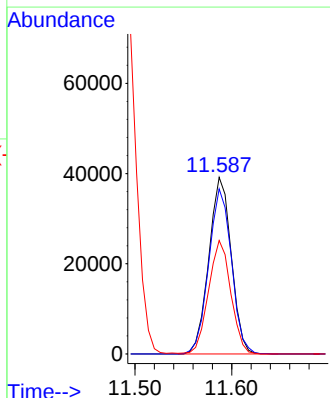
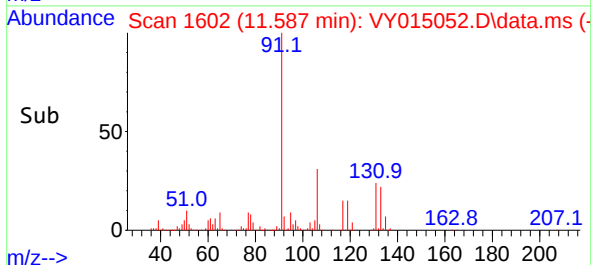
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

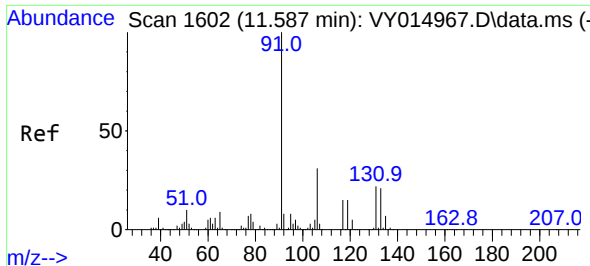


#66
1,1,1,2-Tetrachloroethane
Concen: 19.851 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



Tgt Ion:131 Resp: 63046
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 63.9 31.6 94.7





#67

Ethyl Benzene

Concen: 18.761 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015052.D

Acq: 11 Aug 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0811SBS02

Tgt Ion: 91 Resp: 266864

Ion Ratio Lower Upper

91 100

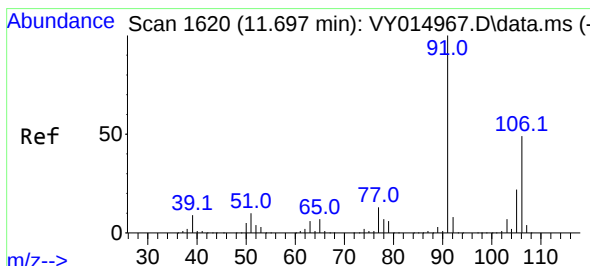
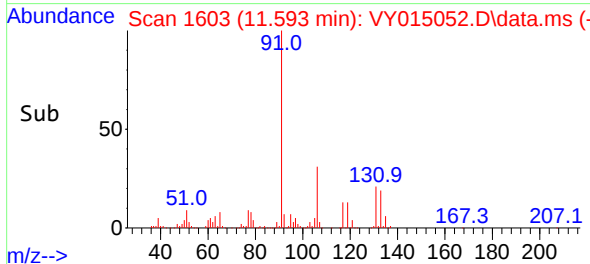
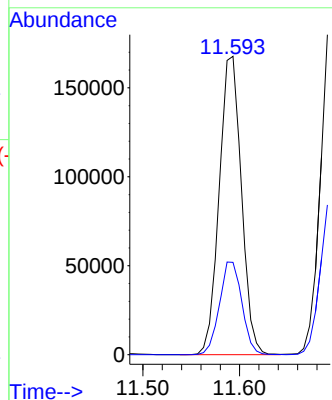
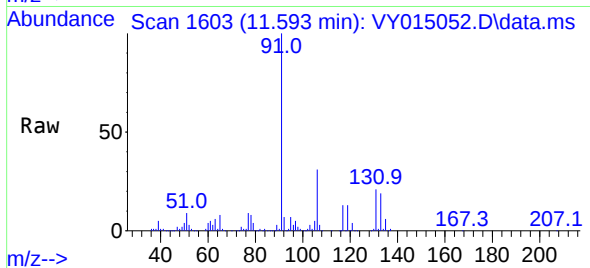
106 31.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#68

m/p-Xylenes

Concen: 37.903 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY015052.D

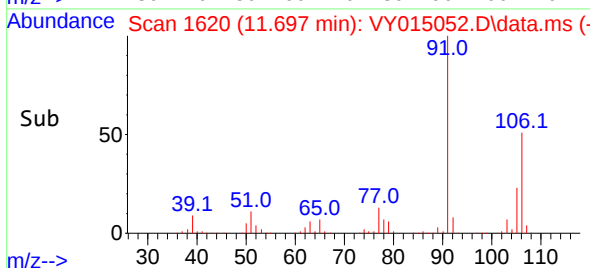
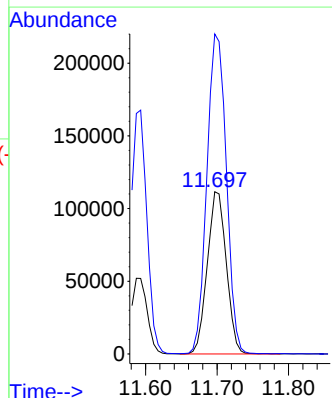
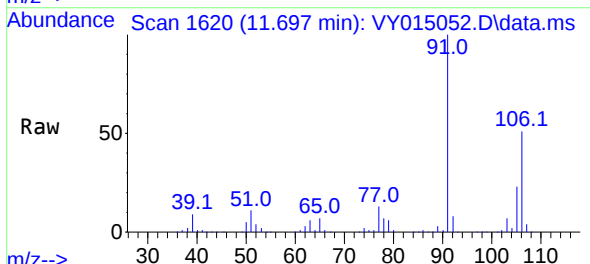
Acq: 11 Aug 2023 12:21

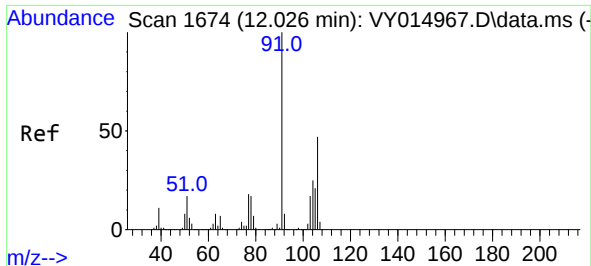
Tgt Ion:106 Resp: 206248

Ion Ratio Lower Upper

106 100

91 201.5 166.1 249.1





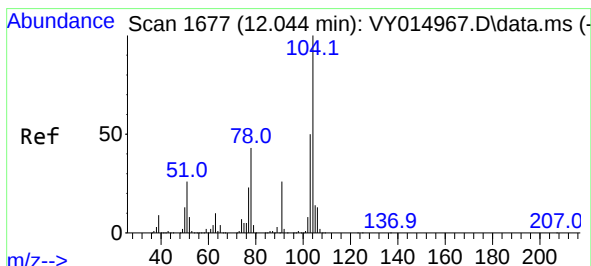
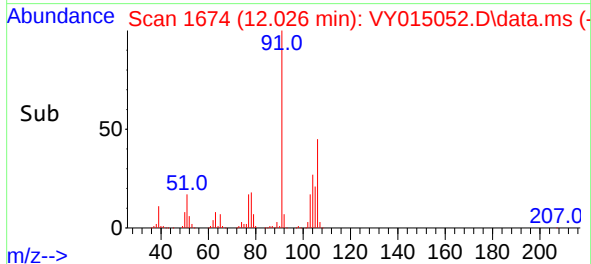
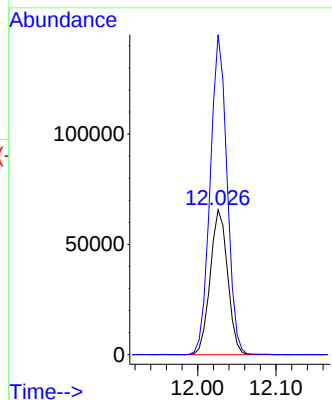
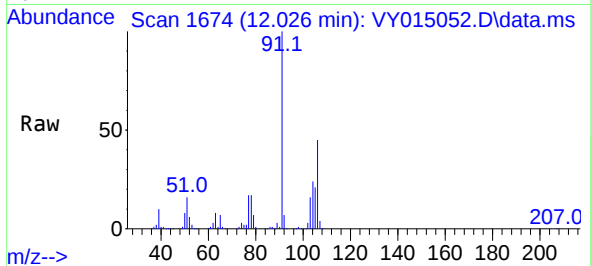
#69
o-Xylene
Concen: 19.030 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02

Tgt Ion:106 Resp: 10132
Ion Ratio Lower Upper
106 100
91 213.9 108.1 324.3

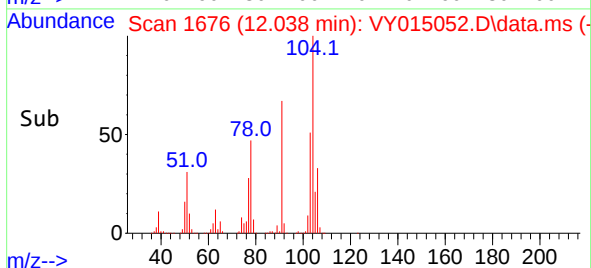
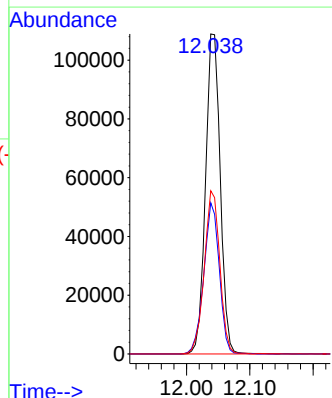
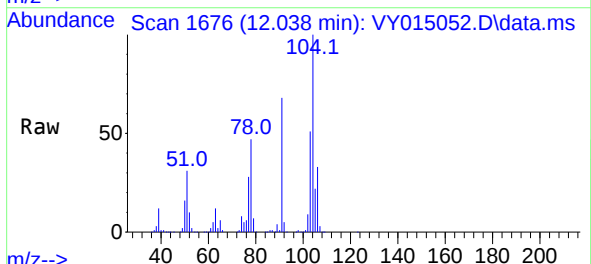
Manual Integrations
APPROVED

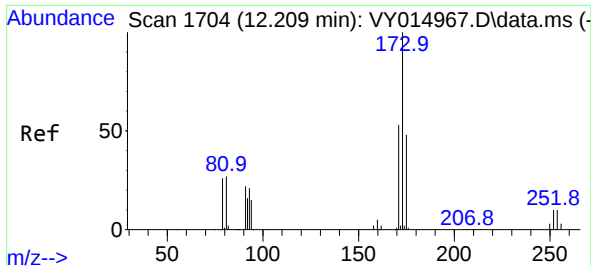
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#70
Styrene
Concen: 19.431 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

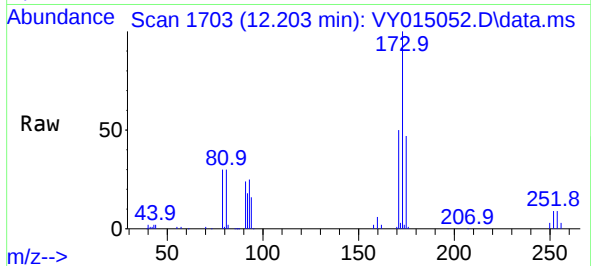
Tgt Ion:104 Resp: 176814
Ion Ratio Lower Upper
104 100
78 49.6 41.5 62.3
103 53.8 44.6 67.0





#71
Bromoform
Concen: 20.589 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

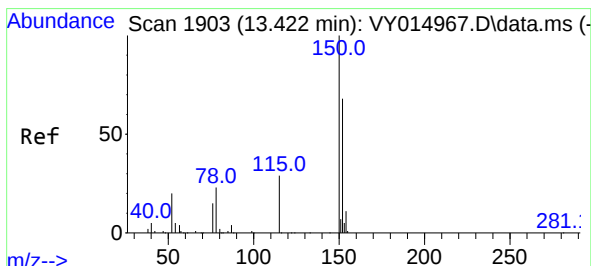
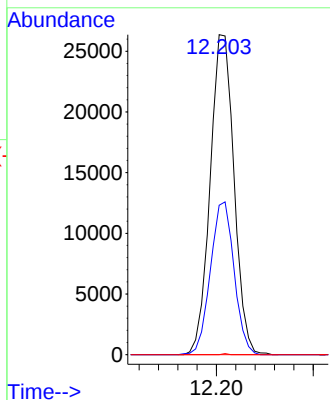
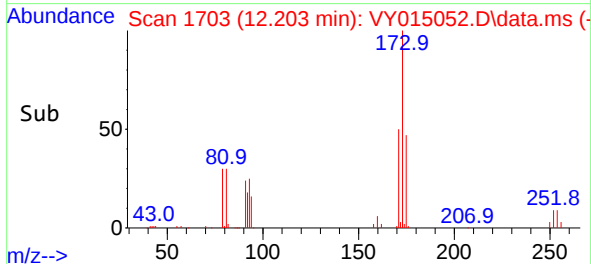
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



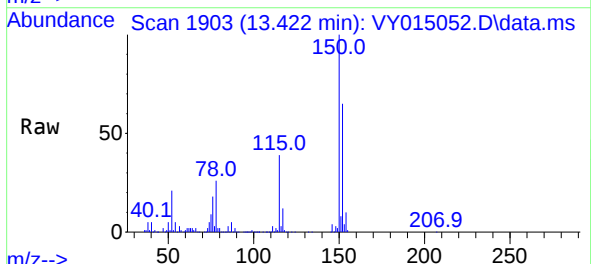
Tgt Ion:173 Resp: 45072
Ion Ratio Lower Upper
173 100
175 47.4 24.6 73.8
254 0.1 0.2 0.2

Manual Integrations
APPROVED

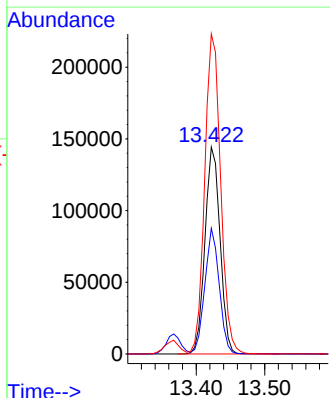
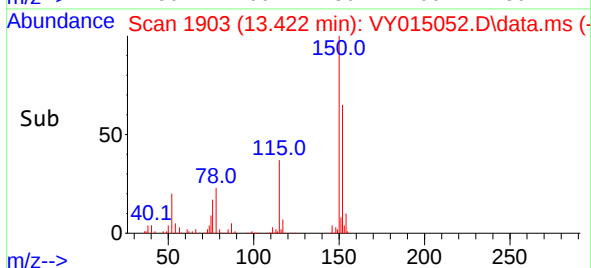
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

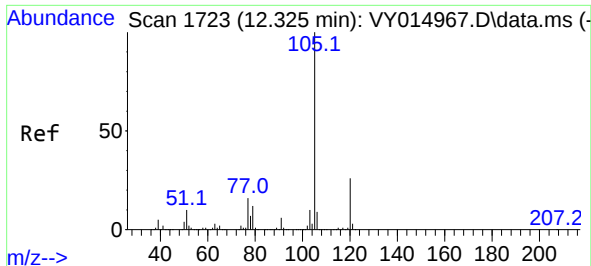


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



Tgt Ion:152 Resp: 221140
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 163.0 0.0 348.8





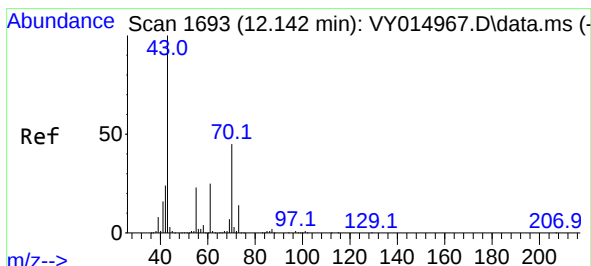
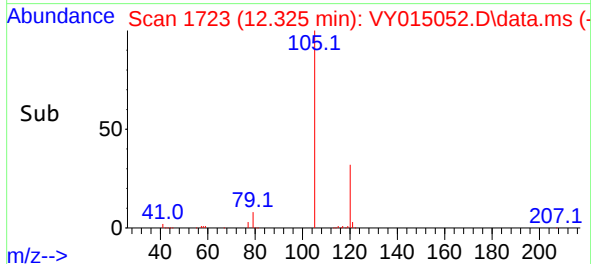
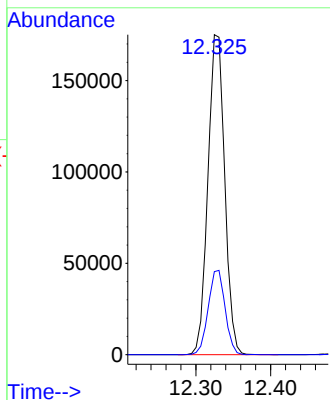
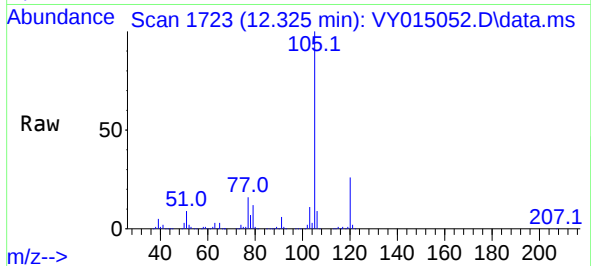
#73
Isopropylbenzene
Concen: 18.415 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02

Tgt Ion:105 Resp: 27374
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

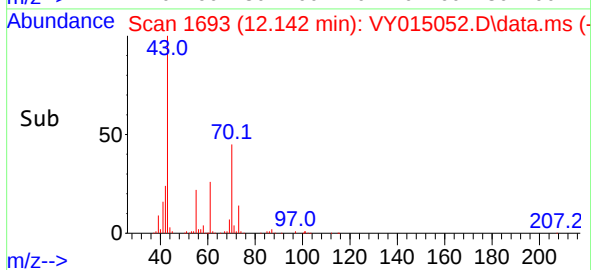
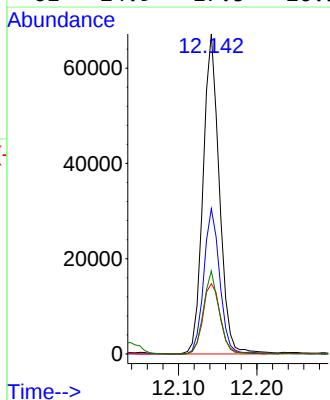
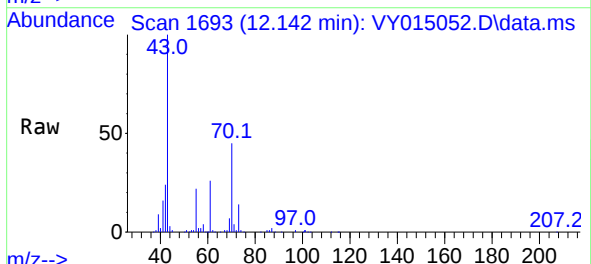
Manual Integrations
APPROVED

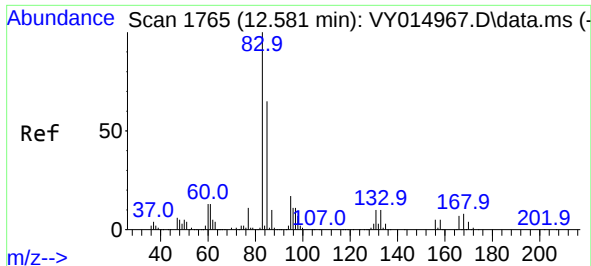
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#74
N-ethyl acetate
Concen: 19.106 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

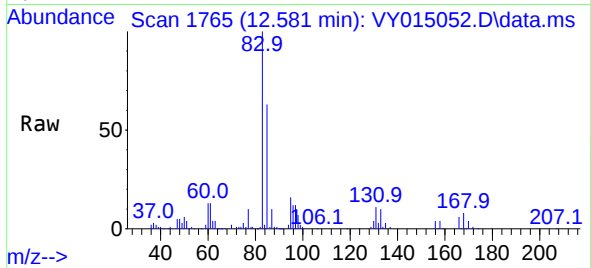
Tgt Ion: 43 Resp: 97039
Ion Ratio Lower Upper
43 100
70 44.8 29.7 44.5#
55 23.5 18.3 27.5
61 24.9 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.362 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

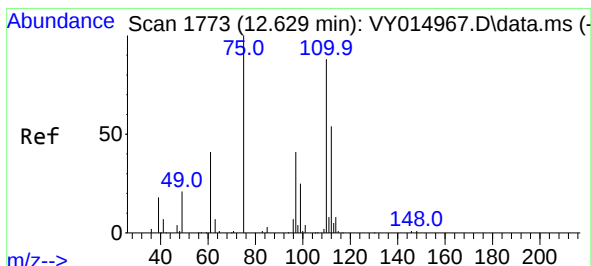
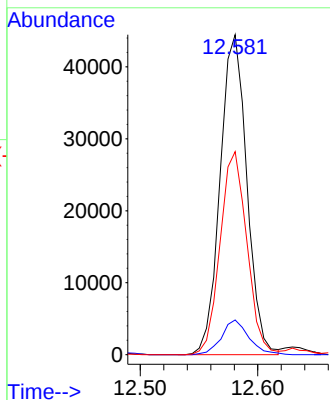
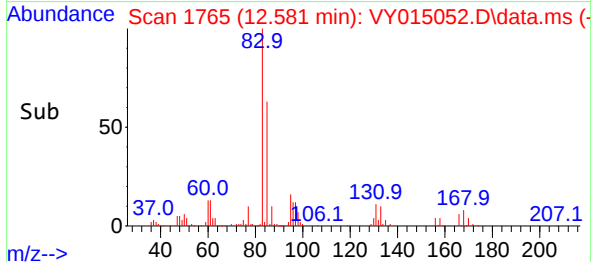
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



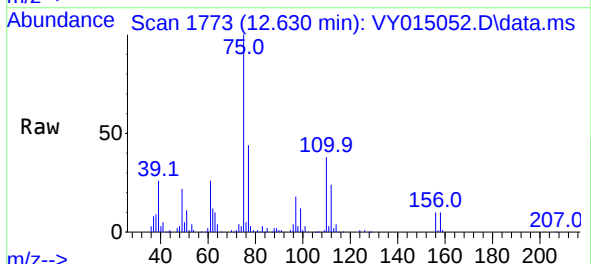
Tgt Ion: 83 Resp: 70338
Ion Ratio Lower Upper
83 100
131 11.1 5.4 16.2
85 63.5 31.8 95.4

Manual Integrations
APPROVED

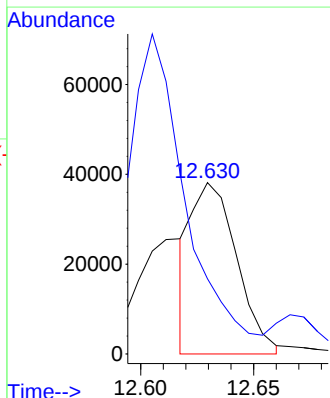
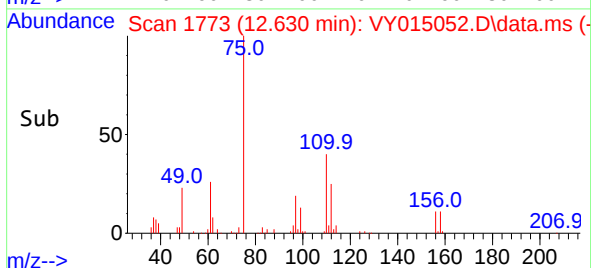
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

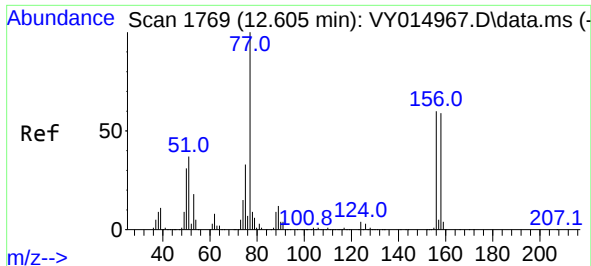


#76
1,2,3-Trichloropropane
Concen: 20.123 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



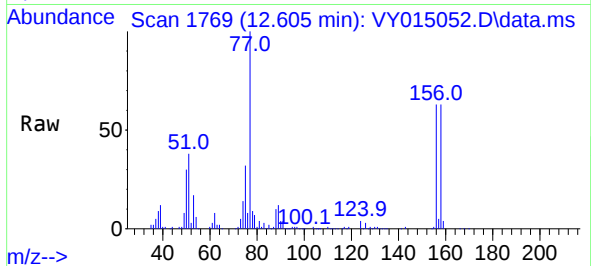
Tgt Ion: 75 Resp: 53322
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.257 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

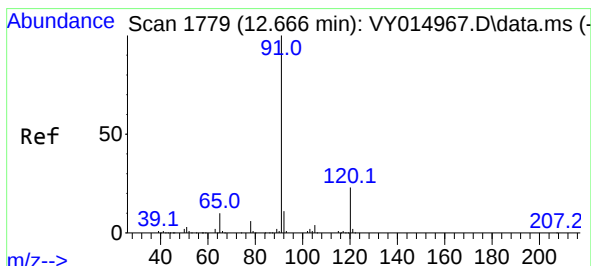
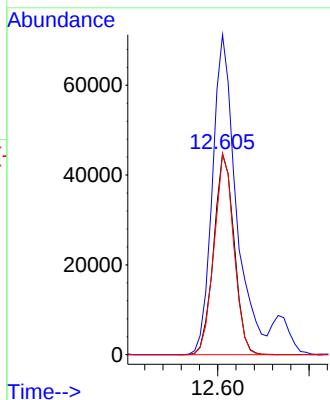
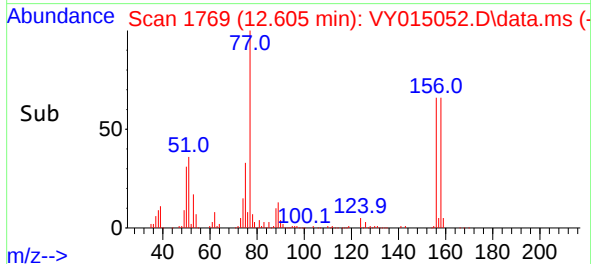
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



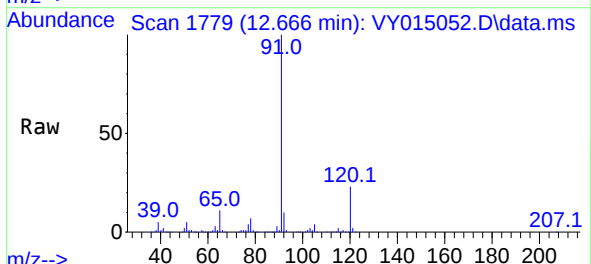
Tgt Ion: 156 Resp: 6943
Ion Ratio Lower Upper
156 100
77 185.2 92.8 278.6
158 97.0 48.4 145.3

Manual Integrations
APPROVED

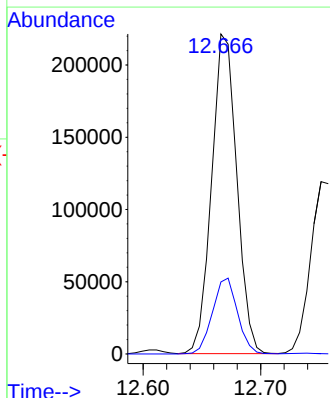
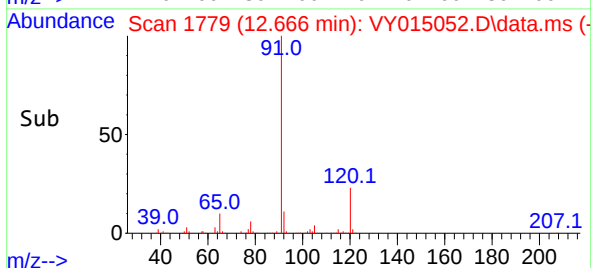
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

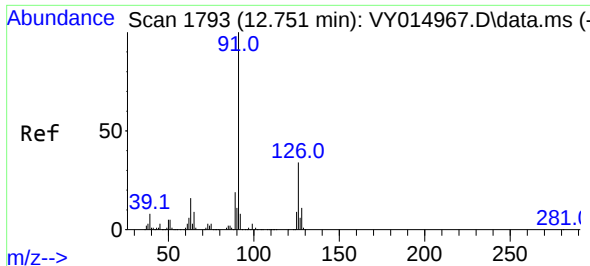


#78
n-propylbenzene
Concen: 18.539 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



Tgt Ion: 91 Resp: 329617
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4





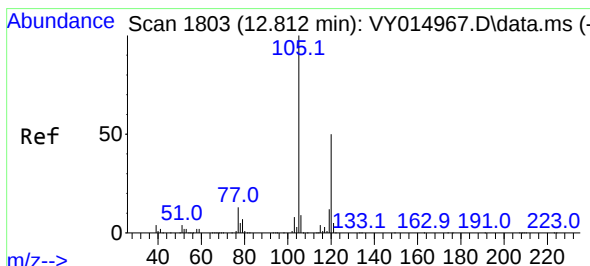
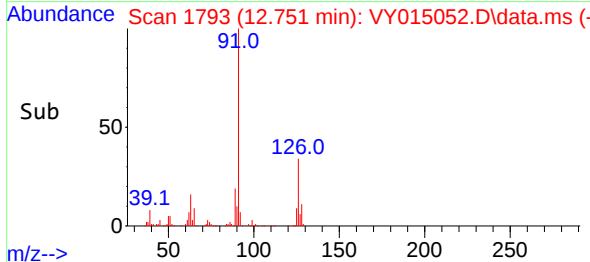
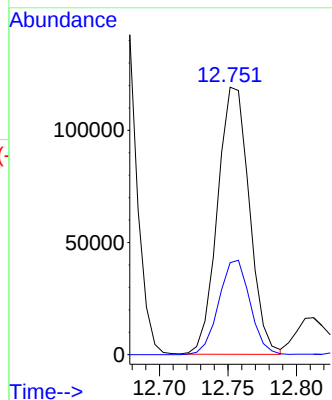
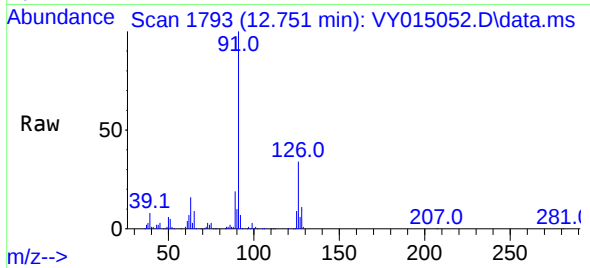
#79
2-Chlorotoluene
Concen: 18.990 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02

Tgt Ion: 91 Resp: 19243
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7

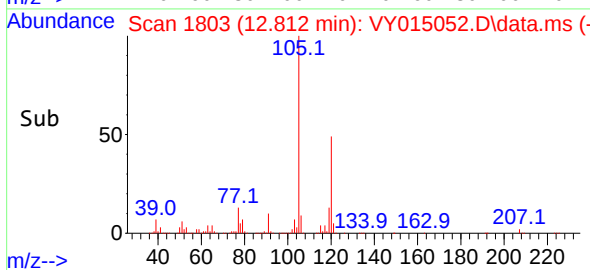
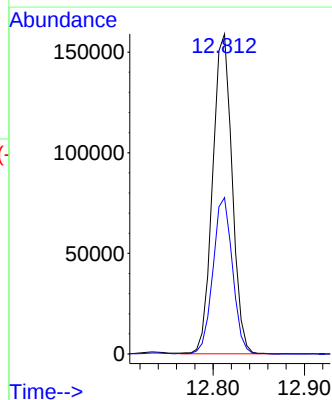
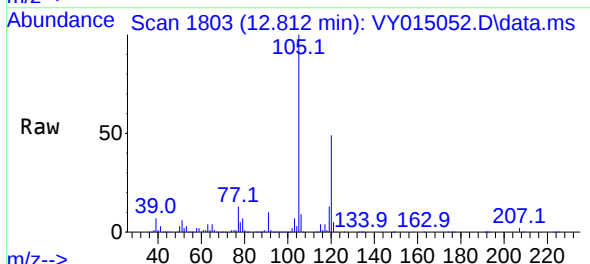
Manual Integrations
APPROVED

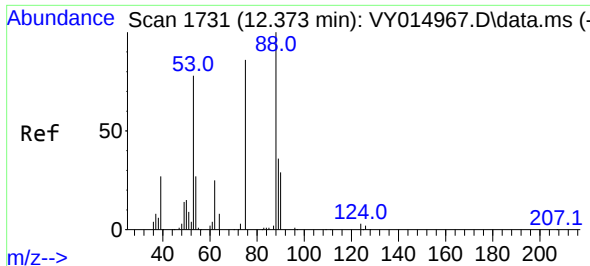
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.156 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

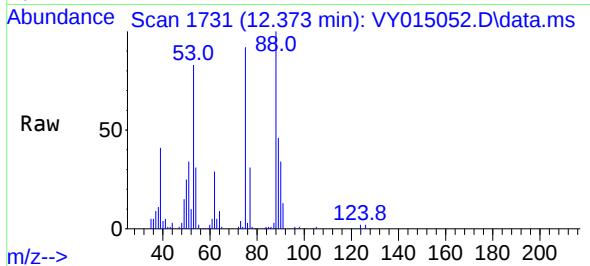
Tgt Ion:105 Resp: 234664
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.988 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

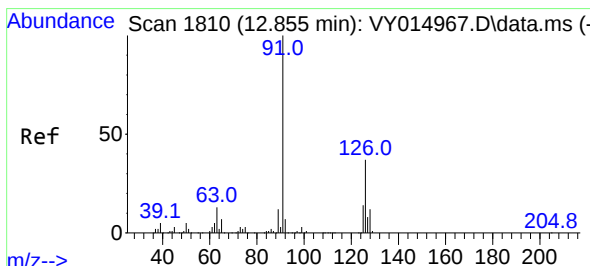
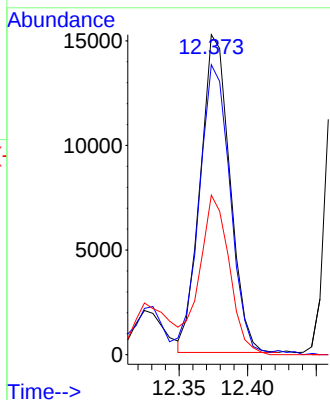
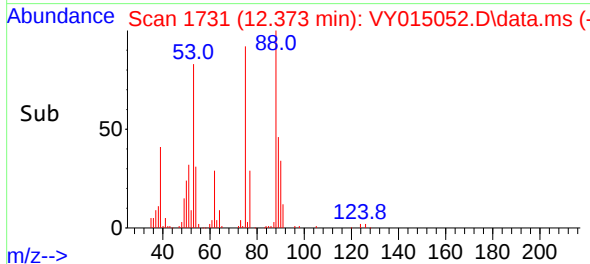
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



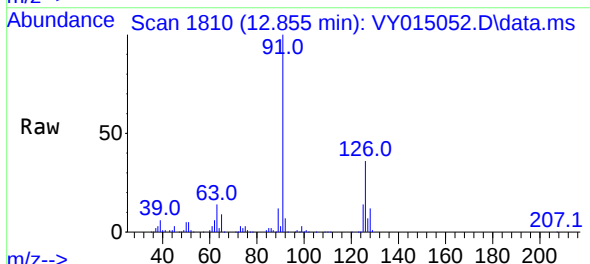
Tgt Ion: 75 Resp: 22839
Ion Ratio Lower Upper
75 100
53 96.7 77.8 116.8
89 50.6 37.4 56.0

Manual Integrations
APPROVED

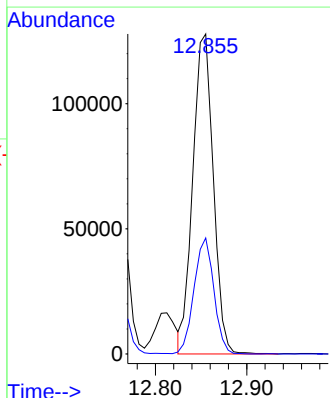
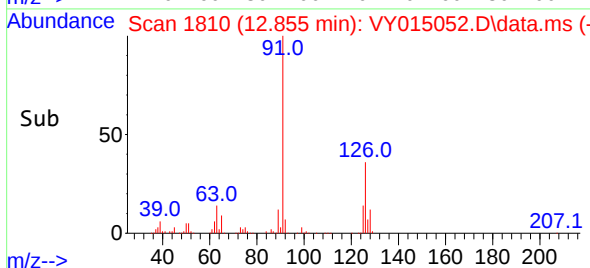
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

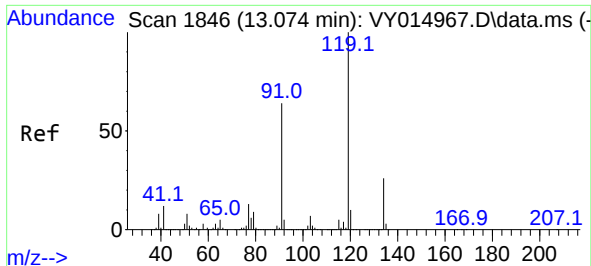


#82
4-Chlorotoluene
Concen: 19.051 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



Tgt Ion: 91 Resp: 199570
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





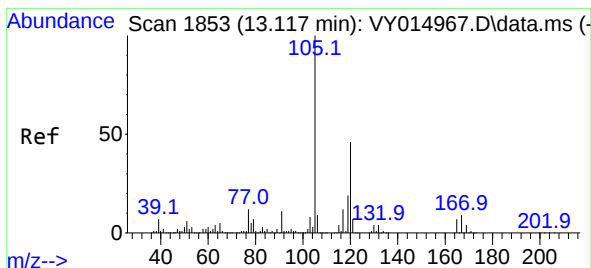
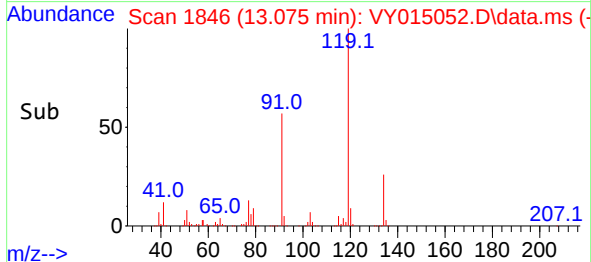
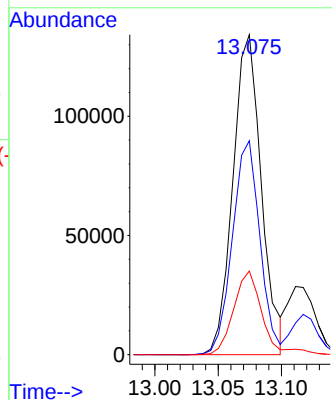
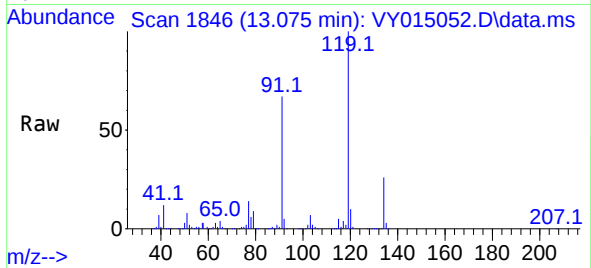
#83
tert-Butylbenzene
Concen: 18.775 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02

Tgt Ion:119 Resp: 210398
Ion Ratio Lower Upper
119 100
91 64.6 32.9 98.6
134 26.3 13.0 38.9

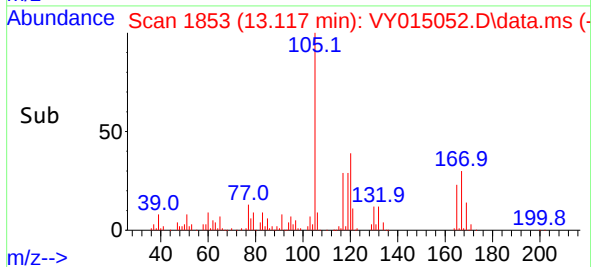
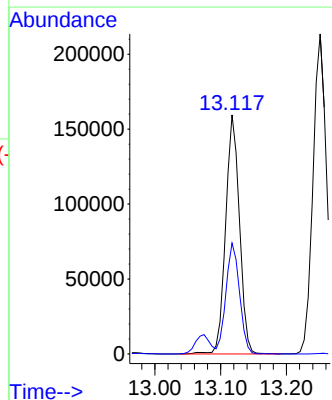
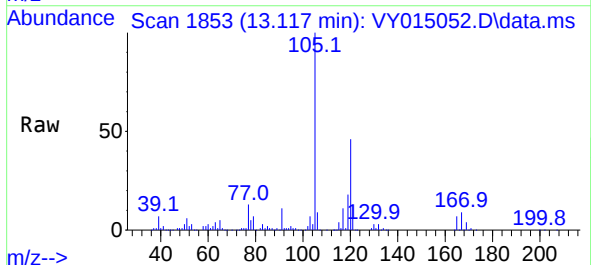
Manual Integrations
APPROVED

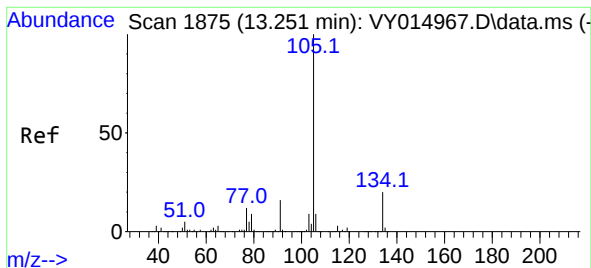
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.045 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Tgt Ion:105 Resp: 233748
Ion Ratio Lower Upper
105 100
120 45.5 22.2 66.6





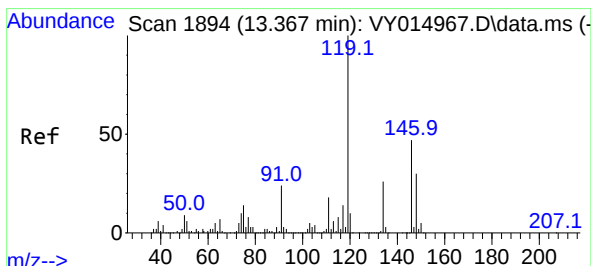
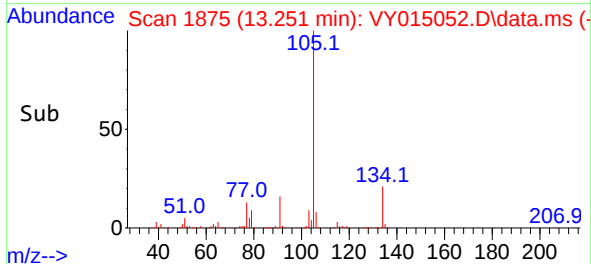
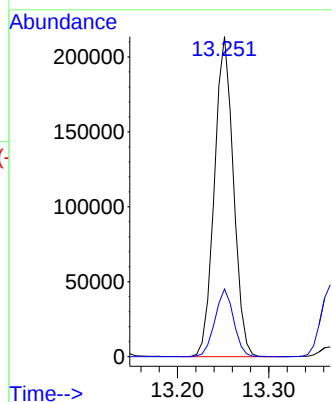
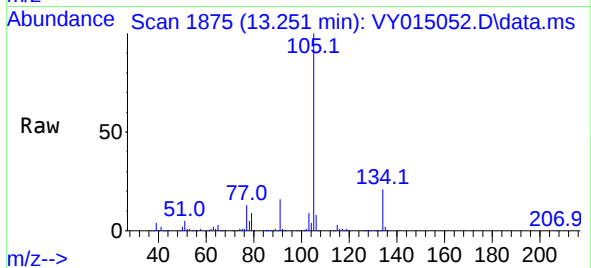
#85
 sec-Butylbenzene
 Concen: 18.730 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015052.D
 Acq: 11 Aug 2023 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0811SBS02

Tgt Ion:105 Resp: 308063
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

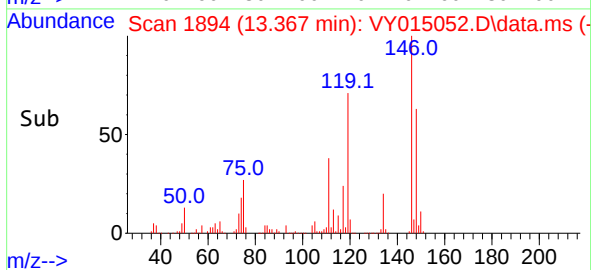
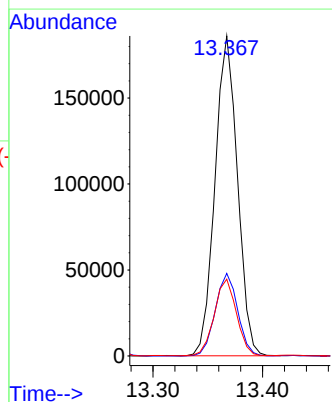
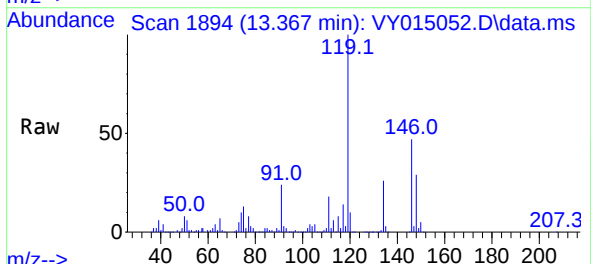
Manual Integrations
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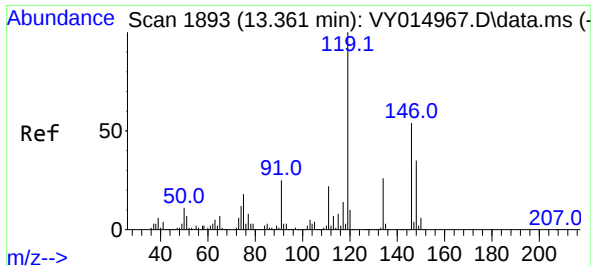
Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023



#86
 p-Isopropyltoluene
 Concen: 19.437 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015052.D
 Acq: 11 Aug 2023 12:21

Tgt Ion:119 Resp: 264619
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 23.7 12.4 37.4





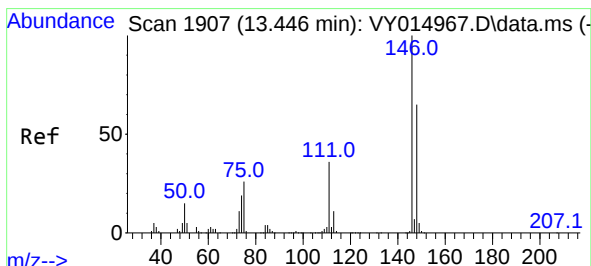
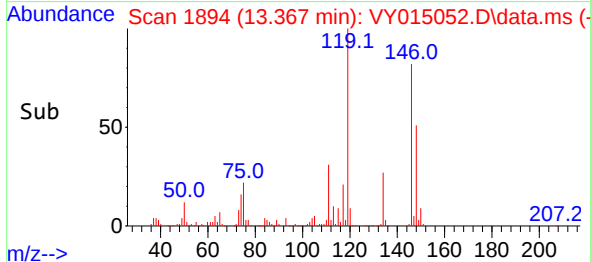
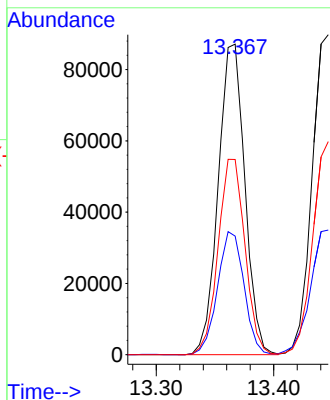
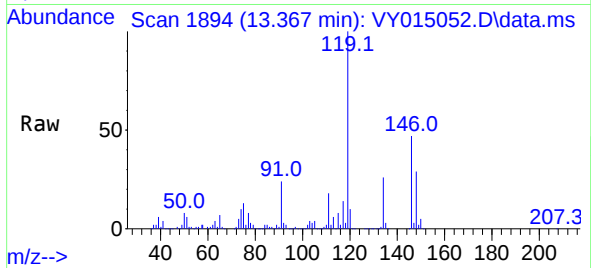
#87
1,3-Dichlorobenzene
Concen: 19.478 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02

Tgt Ion:146 Resp: 13747
Ion Ratio Lower Upper
146 100
111 39.4 19.4 58.2
148 63.4 31.9 95.5

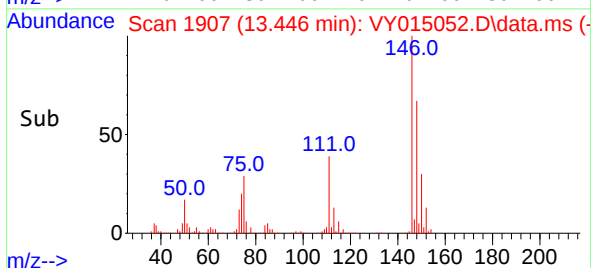
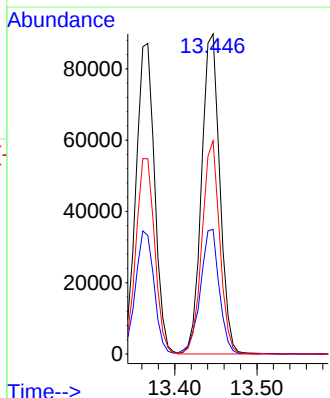
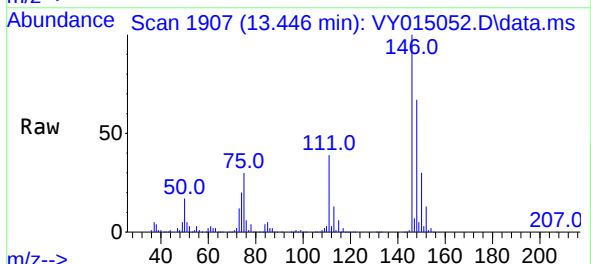
Manual Integrations
APPROVED

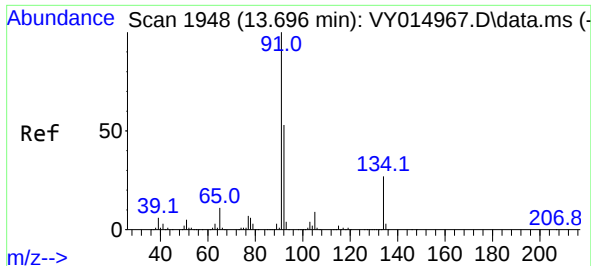
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#88
1,4-Dichlorobenzene
Concen: 19.660 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

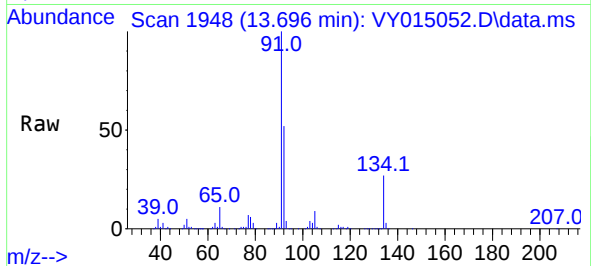
Tgt Ion:146 Resp: 138383
Ion Ratio Lower Upper
146 100
111 40.3 18.9 56.7
148 64.4 32.1 96.5





#89
n-Butylbenzene
Concen: 19.244 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

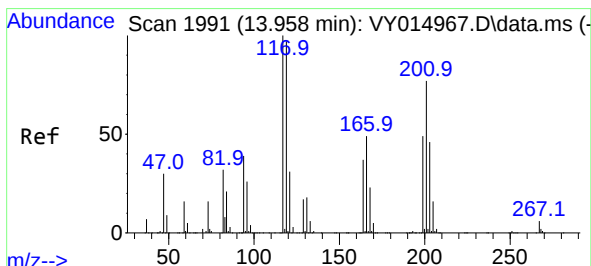
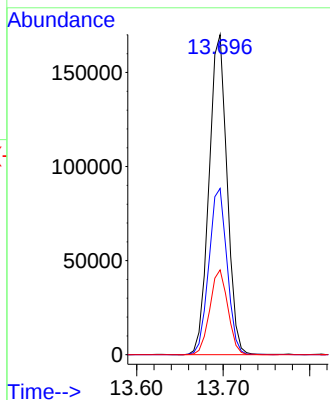
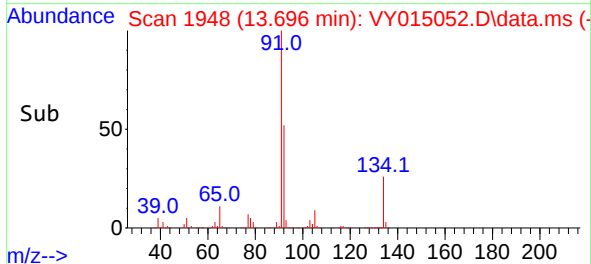
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



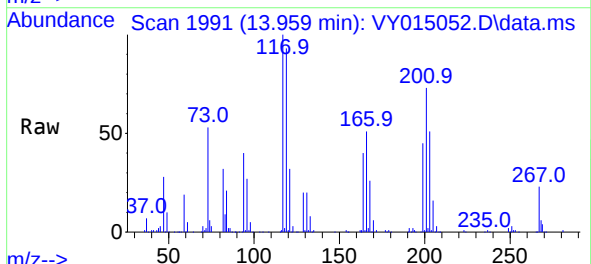
Tgt Ion: 91 Resp: 246160
Ion Ratio Lower Upper
91 100
92 52.4 25.4 76.0
134 26.5 12.6 37.6

Manual Integrations
APPROVED

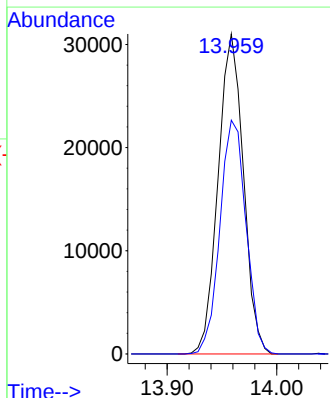
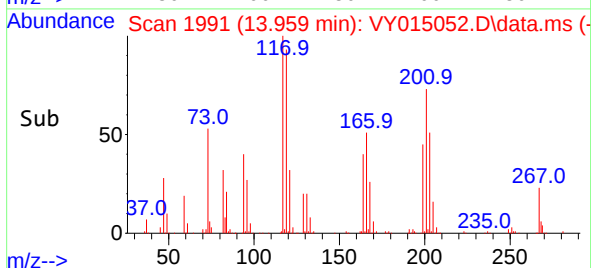
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

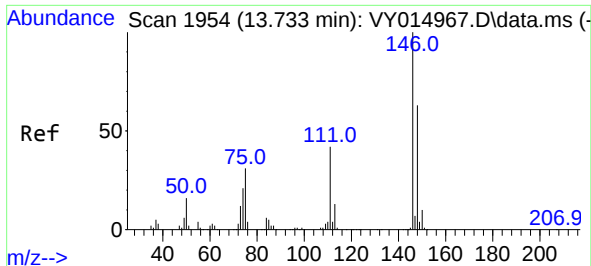


#90
Hexachloroethane
Concen: 18.769 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



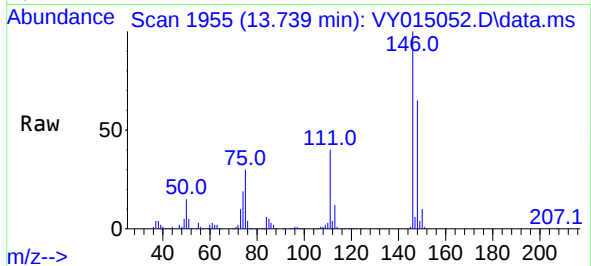
Tgt Ion:117 Resp: 49622
Ion Ratio Lower Upper
117 100
201 75.4 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 19.936 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

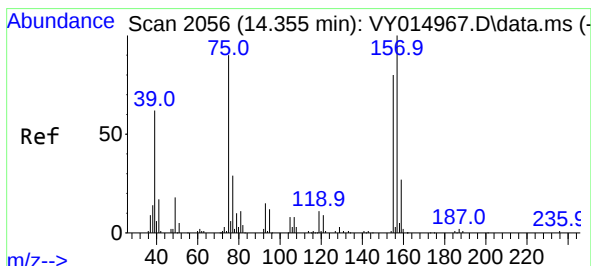
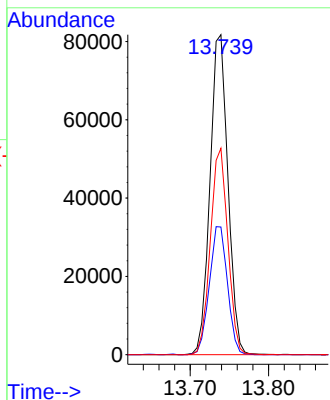
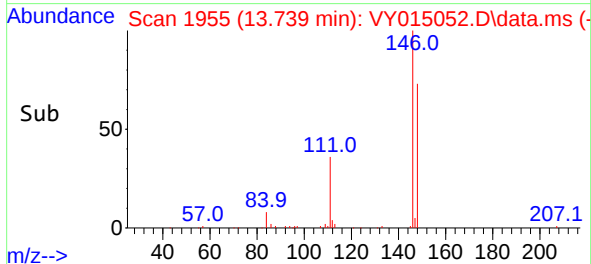
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



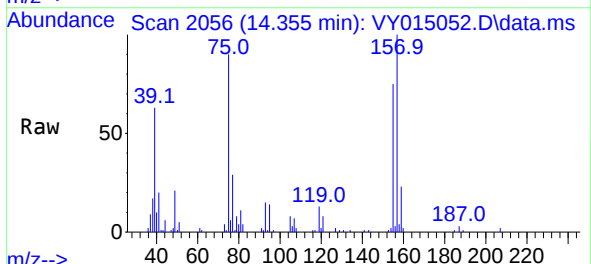
Tgt Ion:146 Resp: 12986
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 63.1 32.0 96.2

Manual Integrations
APPROVED

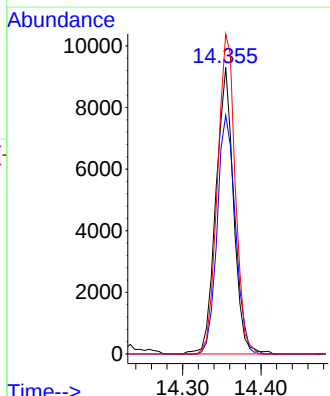
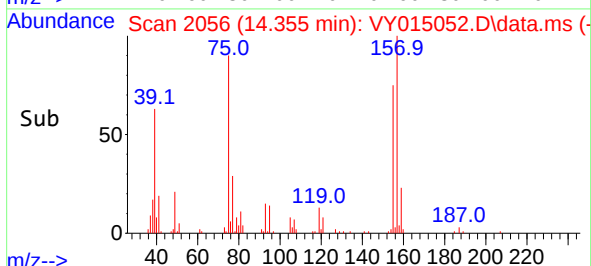
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

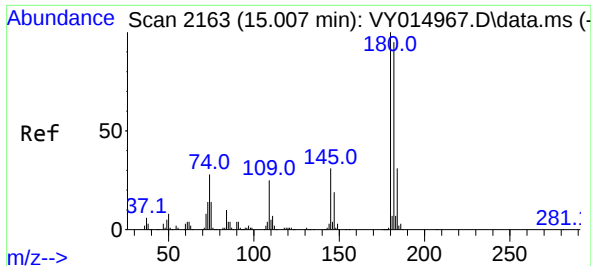


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.476 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



Tgt Ion: 75 Resp: 14524
Ion Ratio Lower Upper
75 100
155 86.0 41.5 124.6
157 112.3 51.8 155.5





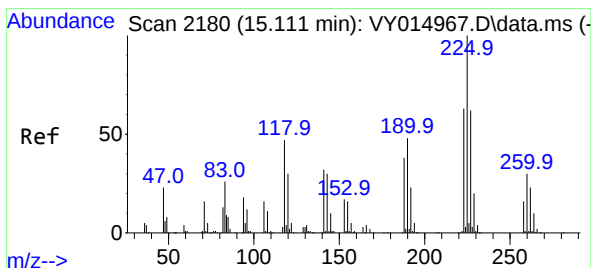
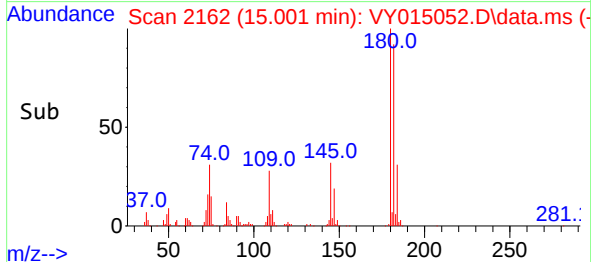
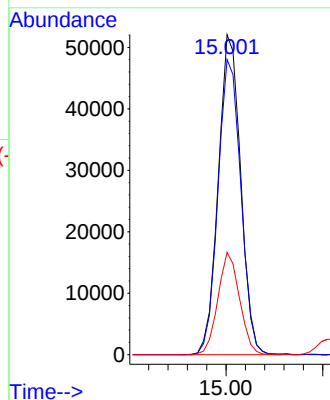
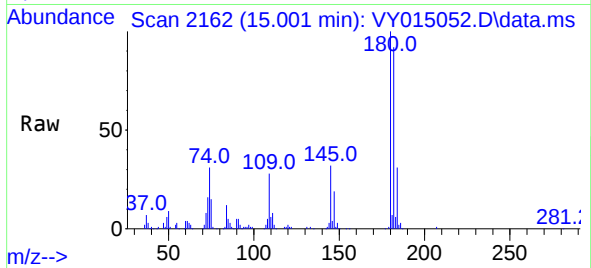
#93
1,2,4-Trichlorobenzene
Concen: 19.995 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02

Tgt Ion:180 Resp: 8334
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.2
145 31.0 14.5 43.5

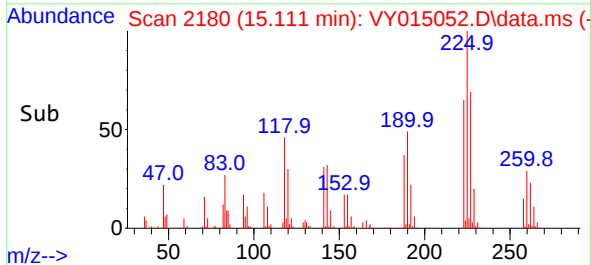
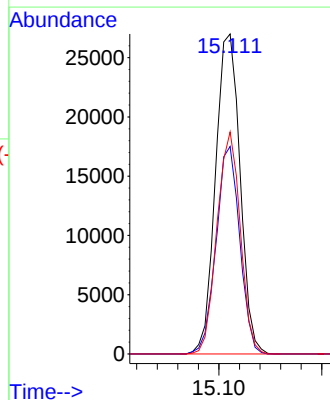
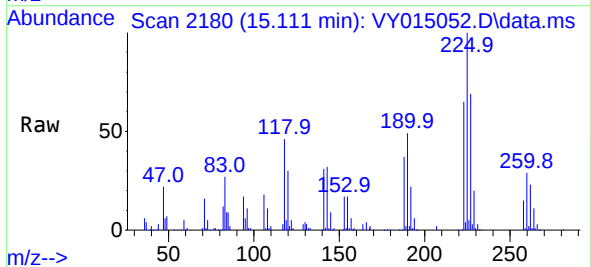
Manual Integrations
APPROVED

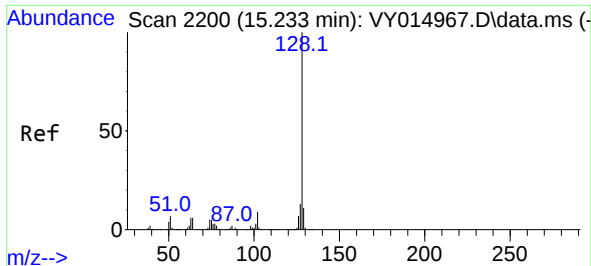
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#94
Hexachlorobutadiene
Concen: 19.756 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

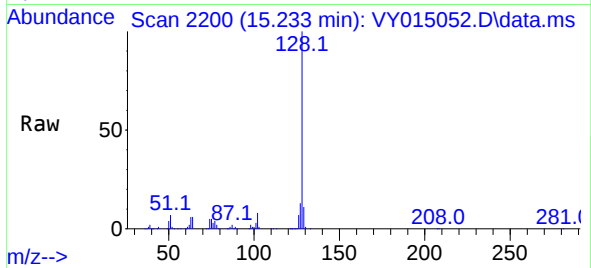
Tgt Ion:225 Resp: 44655
Ion Ratio Lower Upper
225 100
223 62.4 31.9 95.9
227 65.9 33.0 98.9





#95
Naphthalene
Concen: 21.142 ug/l
RT: 15.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21

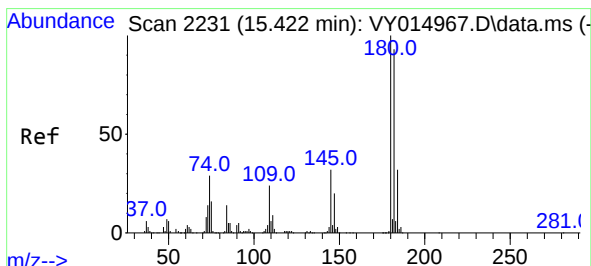
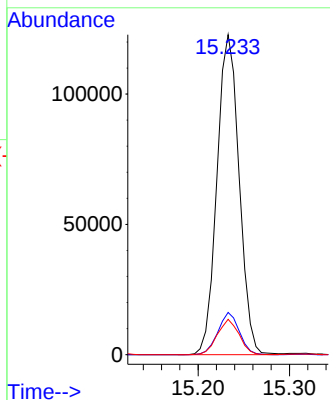
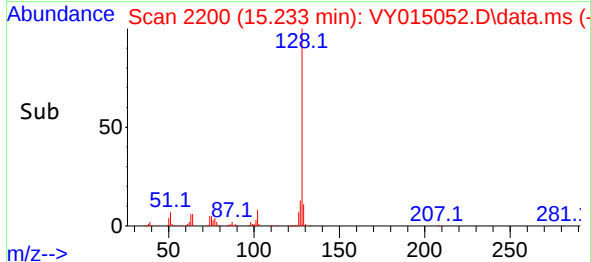
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS02



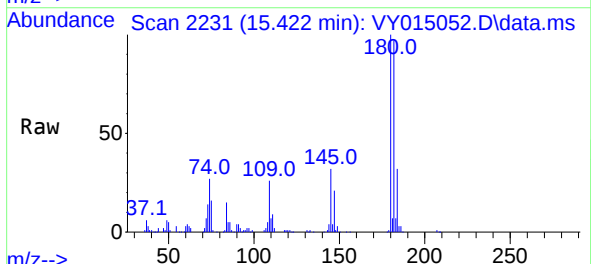
Tgt Ion:128 Resp: 207354
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.840 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY015052.D
Acq: 11 Aug 2023 12:21



Tgt Ion:180 Resp: 74857
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.8
145 32.8 15.4 46.2

