

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013747.D
 Acq On : 15 May 2023 19:33
 Operator : KP/MD
 Sample : 02723-04MSD
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-SO-14-050923MSD

Quant Time: May 16 01:35:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	148738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92045	56.452	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.900%			
35) Dibromofluoromethane	7.716	113	81659	56.386	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.780%			
50) Toluene-d8	10.179	98	269063	52.226	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.460%			
62) 4-Bromofluorobenzene	12.477	95	101193	58.263	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	75197	53.179	ug/l	99
3) Chloromethane	2.113	50	102178	53.908	ug/l	97
4) Vinyl Chloride	2.253	62	106695	56.535	ug/l	97
5) Bromomethane	2.650	94	79575	52.912	ug/l	97
6) Chloroethane	2.796	64	67535	51.800	ug/l	97
7) Trichlorofluoromethane	3.125	101	159767	55.883	ug/l	95
8) Diethyl Ether	3.527	74	53106	54.547	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.905	101	99516	62.056	ug/l	95
10) Methyl Iodide	4.094	142	93152	46.248	ug/l	99
11) Tert butyl alcohol	4.978	59	50131	272.912	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	83759	54.185	ug/l	92
13) Acrolein	3.723	56	12269	80.103	ug/l	98
14) Allyl chloride	4.478	41	158997	55.433	ug/l	96
15) Acrylonitrile	5.167	53	173710	318.593	ug/l	98
16) Acetone	3.954	43	164372	255.989	ug/l	100
17) Carbon Disulfide	4.192	76	232727	46.348	ug/l	99
18) Methyl Acetate	4.478	43	154668	72.931	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	261711	58.644	ug/l	99
20) Methylene Chloride	4.716	84	108728	54.834	ug/l #	84
21) trans-1,2-Dichloroethene	5.222	96	90432	53.505	ug/l	96
22) Diisopropyl ether	6.125	45	337699	60.237	ug/l #	92
23) Vinyl Acetate	6.064	43	908868	286.328	ug/l	95
24) 1,1-Dichloroethane	6.021	63	182849	58.520	ug/l	98
25) 2-Butanone	6.990	43	232813	285.895	ug/l	90
26) 2,2-Dichloropropane	6.978	77	152534	56.654	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	128000	68.544	ug/l	95
28) Bromochloromethane	7.338	49	64281	57.975	ug/l #	79
29) Tetrahydrofuran	7.350	42	151842	299.548	ug/l	91
30) Chloroform	7.508	83	181886	58.549	ug/l	100
31) Cyclohexane	7.789	56	152026	52.077	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	158504	57.177	ug/l	97
36) 1,1-Dichloropropene	7.917	75	134683	56.036	ug/l	97
37) Ethyl Acetate	7.076	43	105342	58.241	ug/l	96
38) Carbon Tetrachloride	7.899	117	145359	57.702	ug/l	99
39) Methylcyclohexane	9.185	83	156014	55.061	ug/l	95
40) Benzene	8.161	78	379306	56.024	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	147719	175.262	ug/l #	21
42) 1,2-Dichloroethane	8.234	62	133166	60.162	ug/l	98
43) Isopropyl Acetate	8.271	43	185290	60.693	ug/l	95
44) Trichloroethene	8.941	130	111392	61.853	ug/l	92
45) 1,2-Dichloropropane	9.215	63	105450	59.569	ug/l	97
46) Dibromomethane	9.307	93	62894	59.380	ug/l	93
47) Bromodichloromethane	9.496	83	142435	60.098	ug/l	99
48) Methyl methacrylate	9.289	41	90754	64.727	ug/l	90
49) 1,4-Dioxane	9.301	88	16157	1068.064	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	538510	316.542	ug/l	95
52) Toluene	10.240	92	235931	57.908	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	148619	59.250	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	163280	57.850	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	86213	61.463	ug/l	97
56) Ethyl methacrylate	10.508	69	117039	60.144	ug/l	91
57) 1,3-Dichloropropane	10.788	76	145744	61.352	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	204546	280.309	ug/l	92
59) 2-Hexanone	10.831	43	371794	300.645	ug/l	96
60) Dibromochloromethane	10.983	129	105060	61.685	ug/l	100
61) 1,2-Dibromoethane	11.087	107	83750	60.730	ug/l	100
64) Tetrachloroethene	10.721	164	82345	52.301	ug/l	93
65) Chlorobenzene	11.514	112	250070	55.443	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	98457	58.367	ug/l	100
67) Ethyl Benzene	11.593	91	449203	56.716	ug/l	98
68) m/p-Xylenes	11.703	106	339118	112.629	ug/l	96
69) o-Xylene	12.026	106	161805	56.822	ug/l	96
70) Styrene	12.044	104	279076	58.614	ug/l	100
71) Bromoform	12.203	173	72238	61.137	ug/l #	99
73) Isopropylbenzene	12.325	105	442511	53.857	ug/l	98
74) N-amyl acetate	12.142	43	154298	52.772	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	112783	56.158	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	144980	98.962	ug/l #	100
77) Bromobenzene	12.605	156	106347	53.418	ug/l	91
78) n-propylbenzene	12.672	91	541604	53.516	ug/l	97
79) 2-Chlorotoluene	12.757	91	303848	53.764	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	362593	54.069	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	38381	53.591	ug/l	95
82) 4-Chlorotoluene	12.855	91	310277	52.674	ug/l	97
83) tert-Butylbenzene	13.075	119	323443	55.670	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	356574	54.689	ug/l	100
85) sec-Butylbenzene	13.251	105	481270	55.193	ug/l	98
86) p-Isopropyltoluene	13.367	119	388065	55.341	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	201693	53.176	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	200515	52.334	ug/l	100
89) n-Butylbenzene	13.696	91	370150	54.084	ug/l	98
90) Hexachloroethane	13.959	117	78345	53.086	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	185174	54.063	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19347	54.546	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	108656	53.208	ug/l	99
94) Hexachlorobutadiene	15.111	225	65950	55.492	ug/l	100
95) Naphthalene	15.233	128	247500	55.860	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	100101	54.998	ug/l	99

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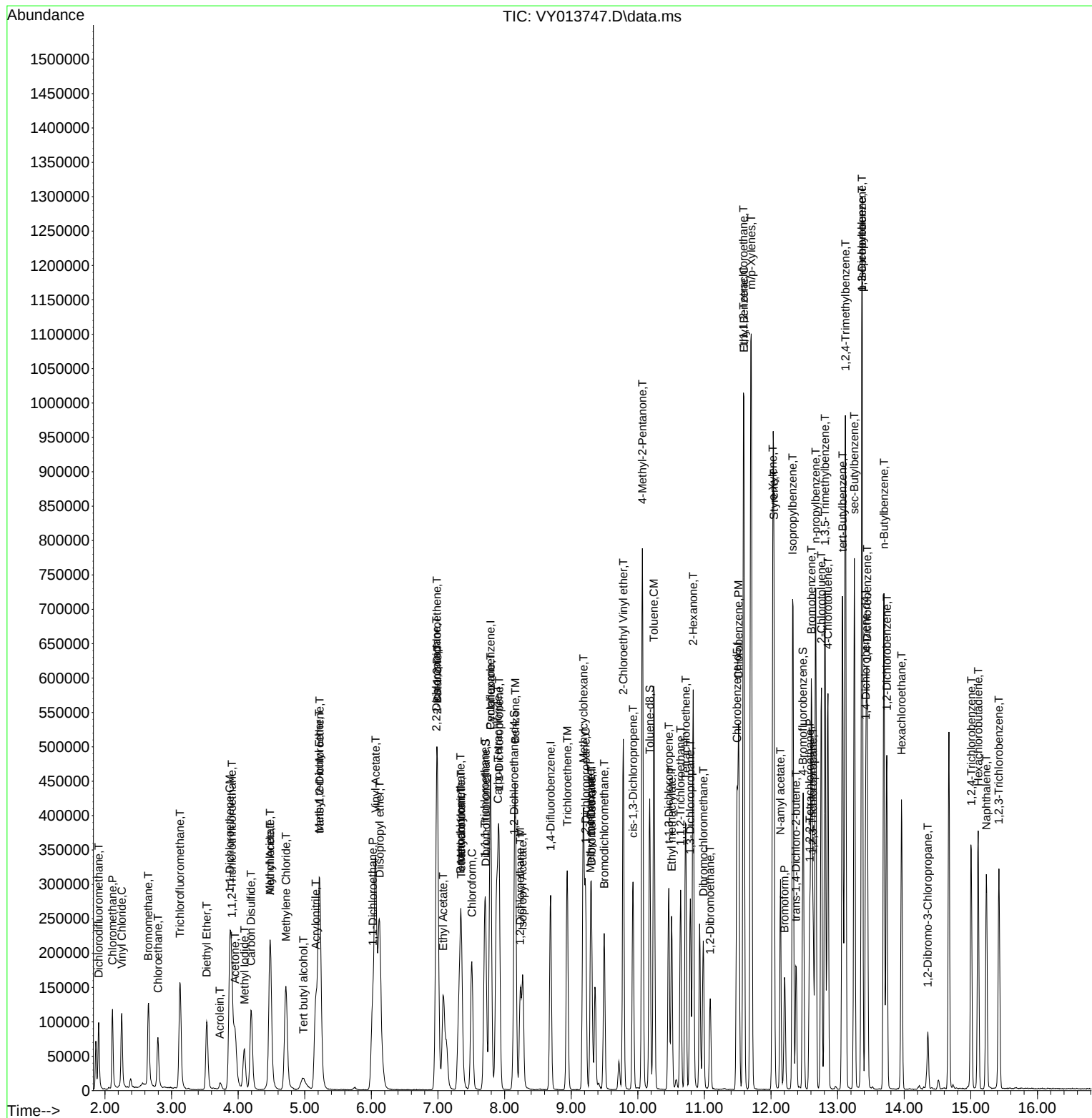
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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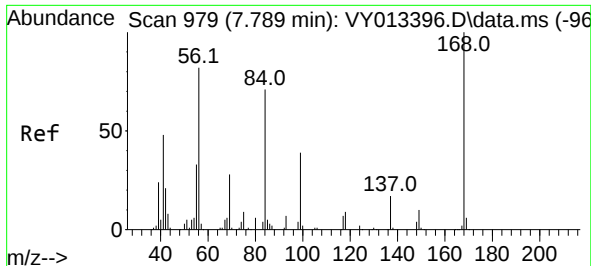
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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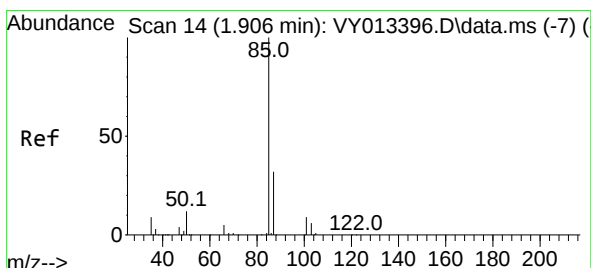
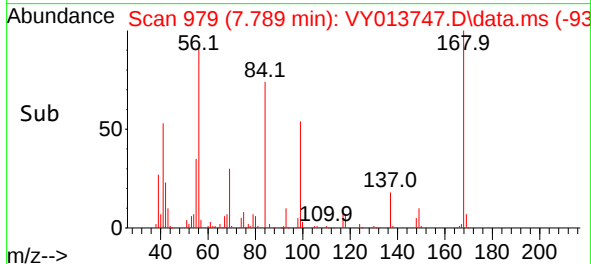
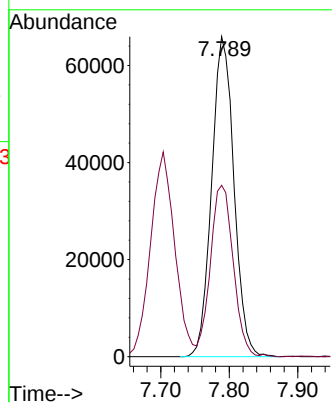
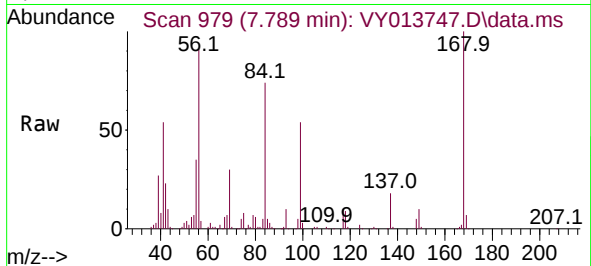




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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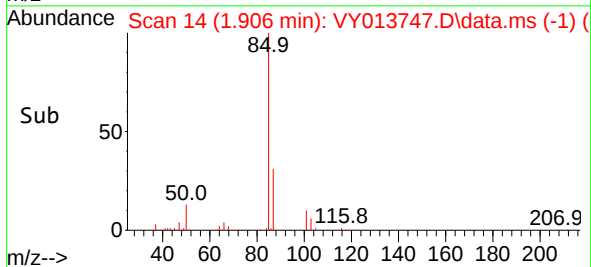
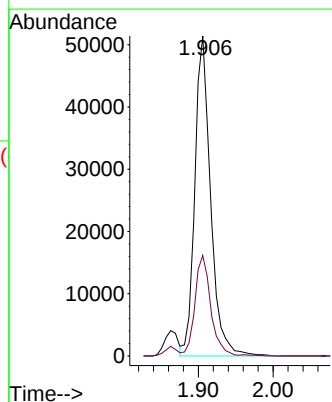
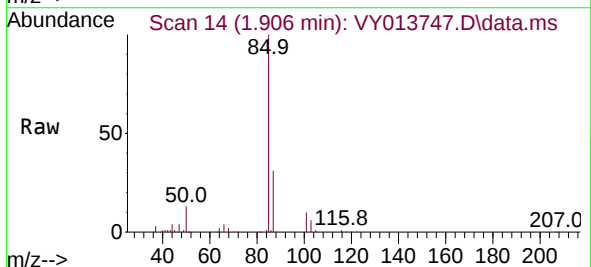
Instrument :
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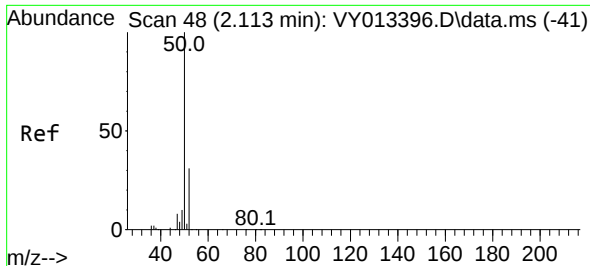
Tgt Ion:168 Resp: 148738
Ion Ratio Lower Upper
168 100
99 53.6 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 53.179 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 85 Resp: 75197
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.2

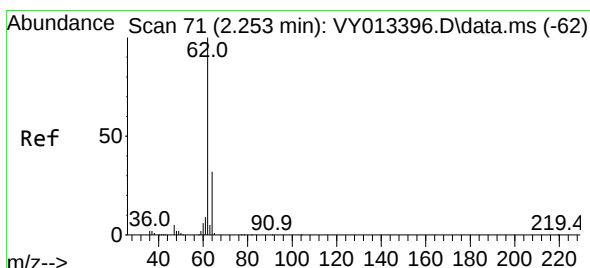
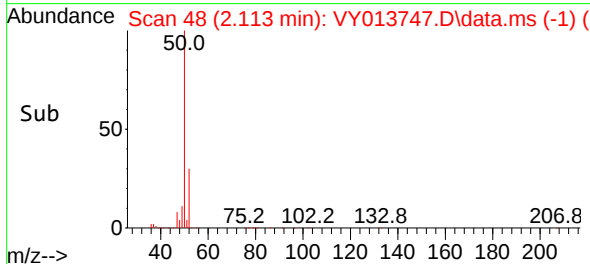
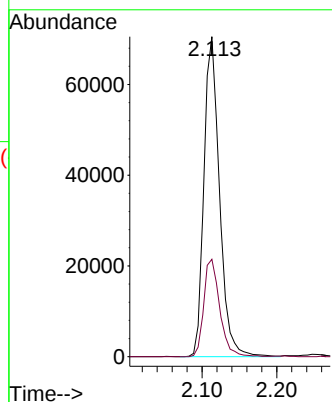
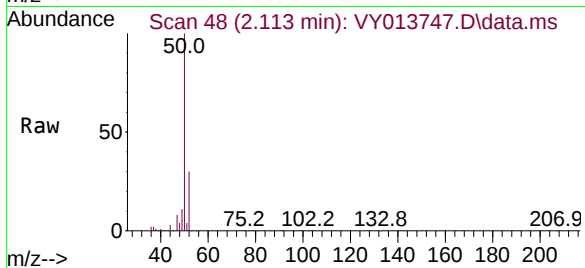




#3
Chloromethane
Concen: 53.908 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

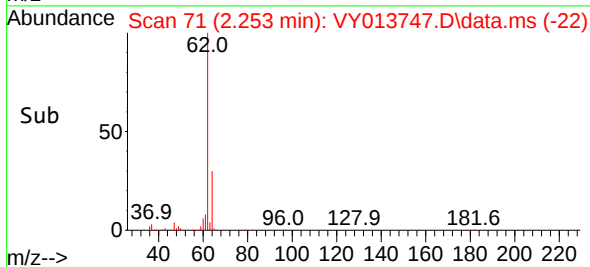
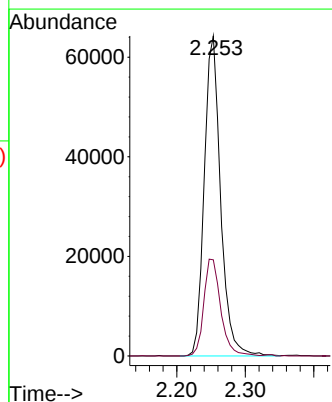
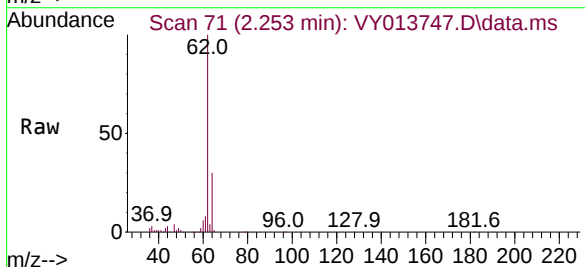
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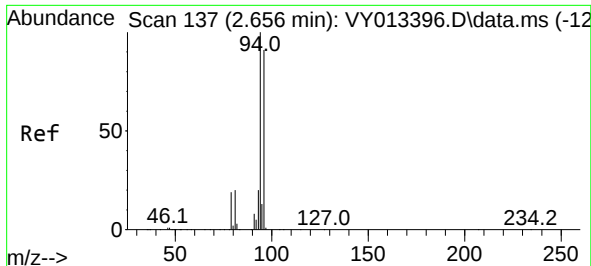
Tgt Ion: 50 Resp: 102178
Ion Ratio Lower Upper
50 100
52 30.5 25.9 38.9



#4
Vinyl Chloride
Concen: 56.535 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013747.D
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Tgt Ion: 62 Resp: 106695
Ion Ratio Lower Upper
62 100
64 30.1 25.4 38.0

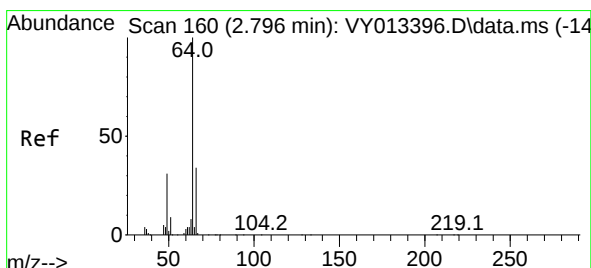
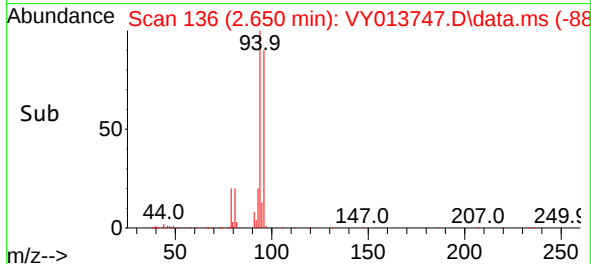
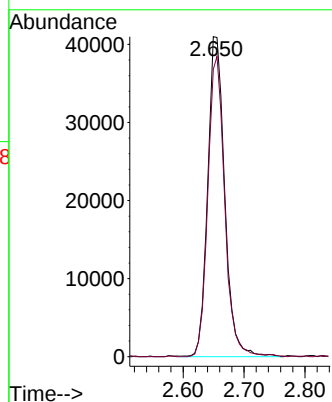
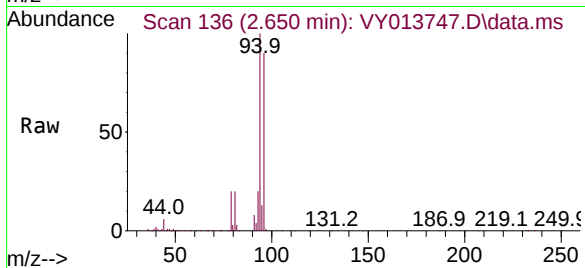




#5
Bromomethane
Concen: 52.912 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013747.D
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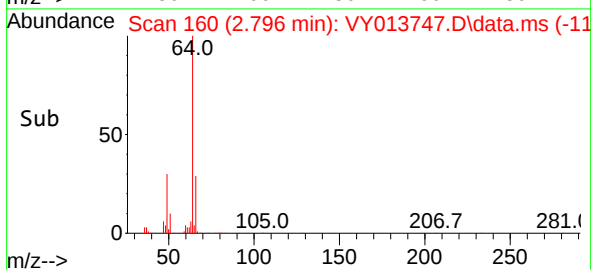
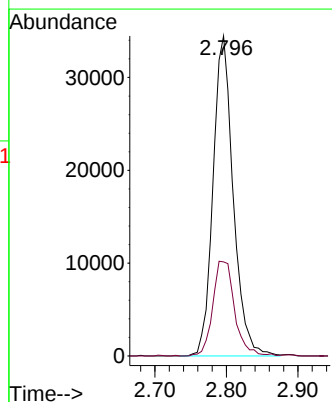
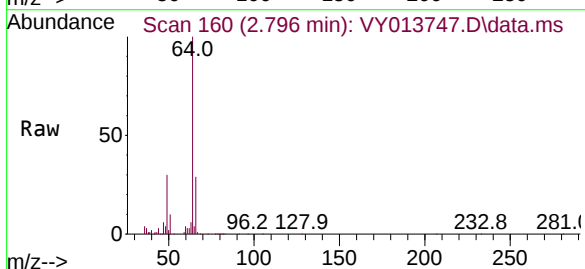
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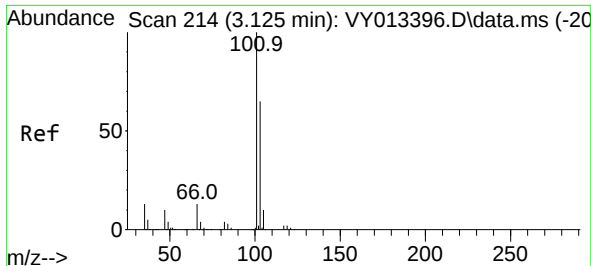
Tgt Ion: 94 Resp: 79575
Ion Ratio Lower Upper
94 100
96 89.8 74.2 111.2



#6
Chloroethane
Concen: 51.800 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013747.D
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Tgt Ion: 64 Resp: 67535
Ion Ratio Lower Upper
64 100
66 29.4 24.6 37.0

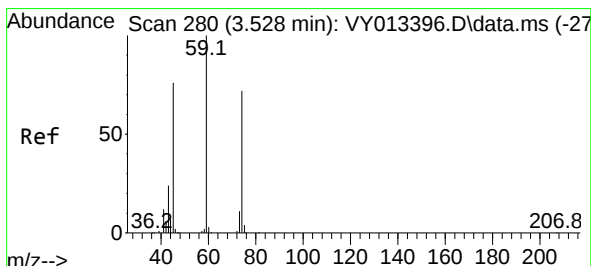
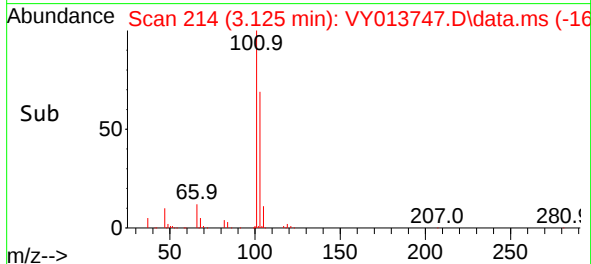
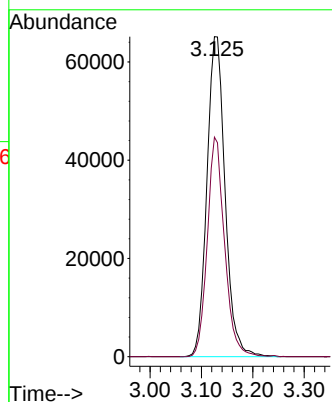
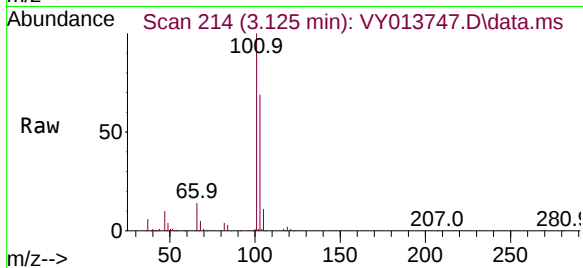




#7
 Trichlorofluoromethane
 Concen: 55.883 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013747.D
 Acq: 15 May 2023 19:33

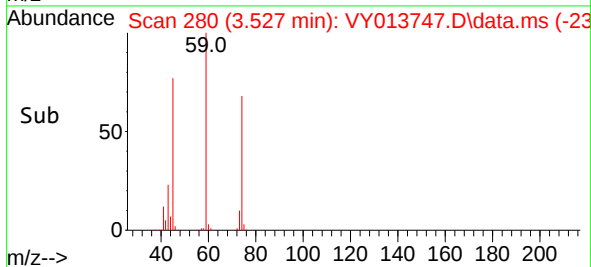
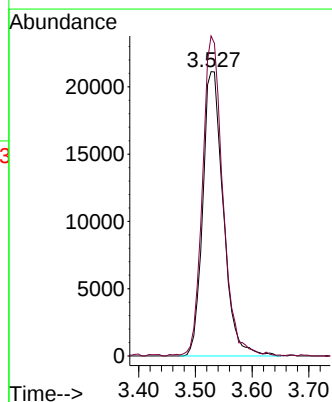
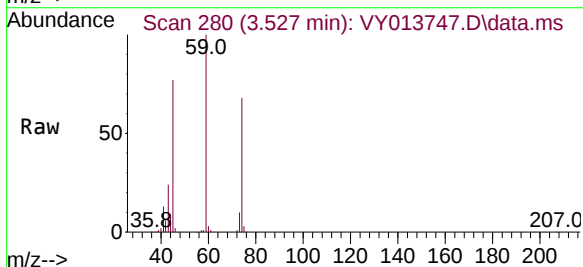
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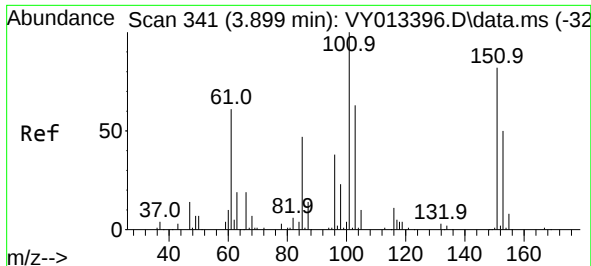
Tgt Ion:101 Resp: 159767
 Ion Ratio Lower Upper
 101 100
 103 68.6 51.6 77.4



#8
 Diethyl Ether
 Concen: 54.547 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 53106
 Ion Ratio Lower Upper
 74 100
 45 111.7 48.2 144.6

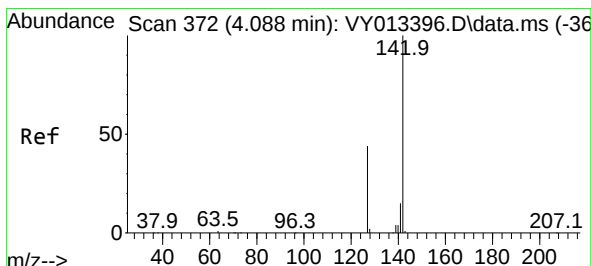
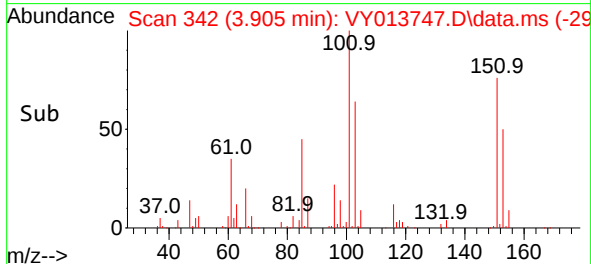
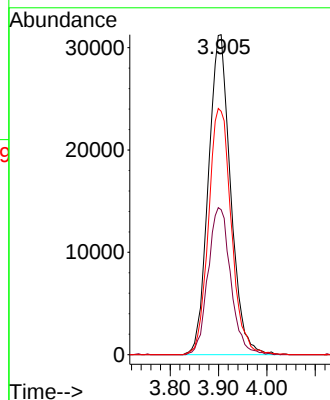
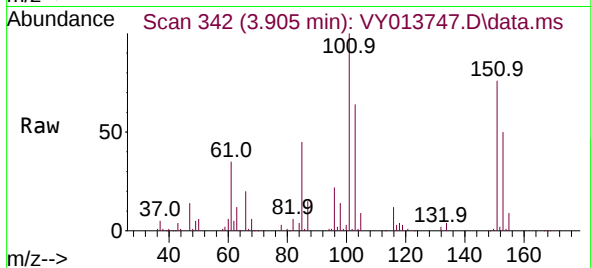




#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.056 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

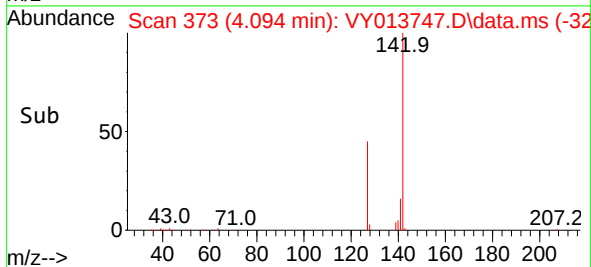
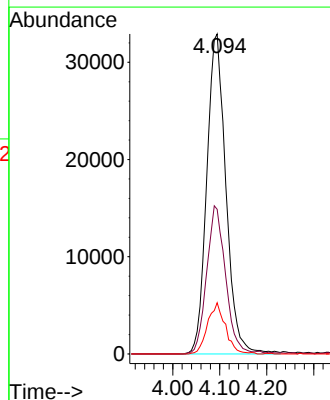
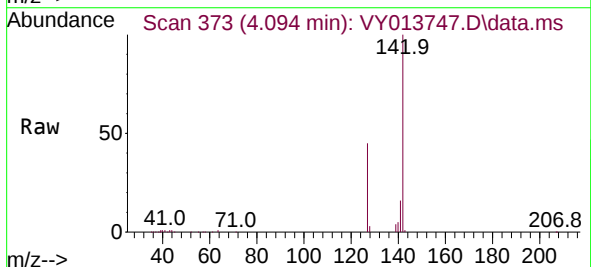
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

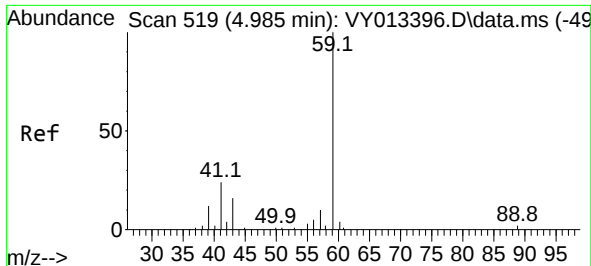
Tgt Ion:101 Resp: 99516
Ion Ratio Lower Upper
101 100
85 46.9 35.6 53.4
151 79.2 68.0 102.0



#10
Methyl Iodide
Concen: 46.248 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion:142 Resp: 93152
Ion Ratio Lower Upper
142 100
127 45.5 36.1 54.1
141 14.9 11.6 17.4

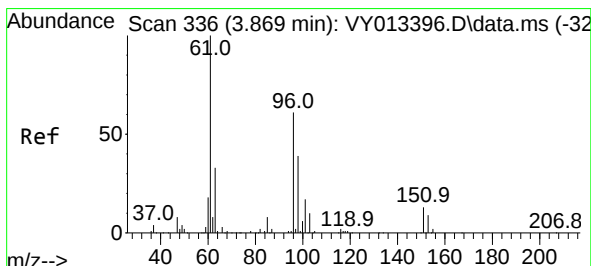
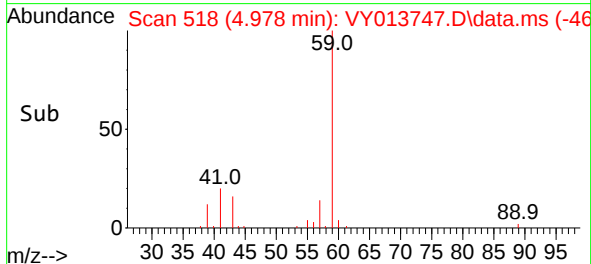
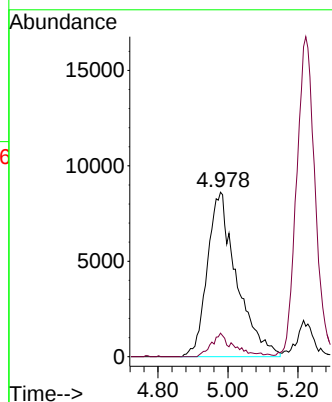
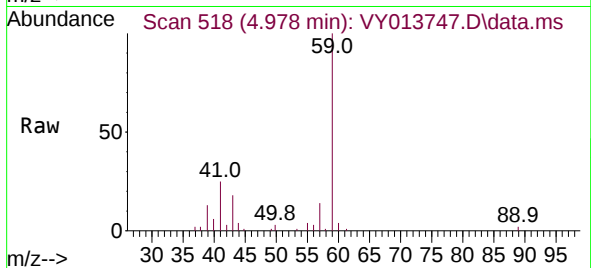




#11
Tert butyl alcohol
Concen: 272.912 ug/l
RT: 4.978 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

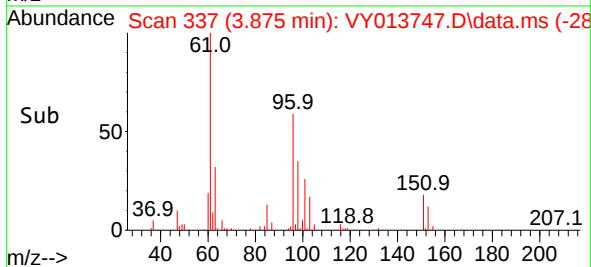
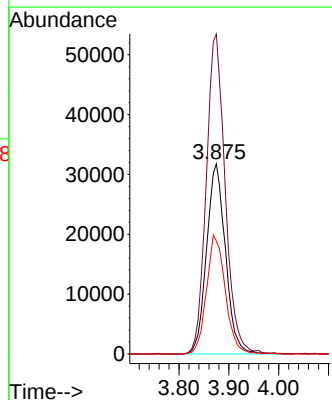
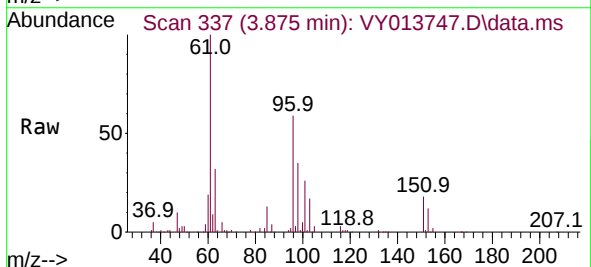
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

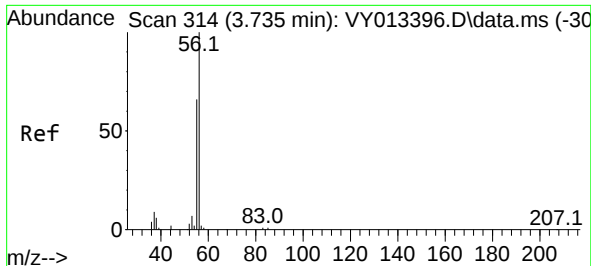
Tgt Ion: 59 Resp: 50131
Ion Ratio Lower Upper
59 100
57 7.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 54.185 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 96 Resp: 83759
Ion Ratio Lower Upper
96 100
61 168.4 123.9 185.9
98 59.4 48.9 73.3





#13

Acrolein

Concen: 80.103 ug/l

RT: 3.723 min Scan# 314

Delta R.T. -0.006 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

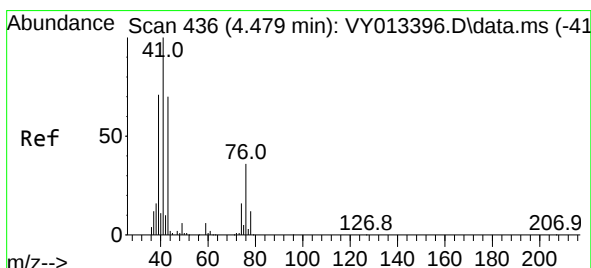
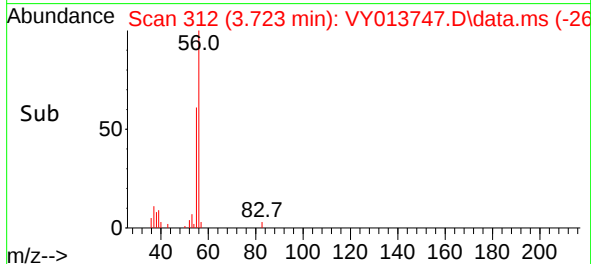
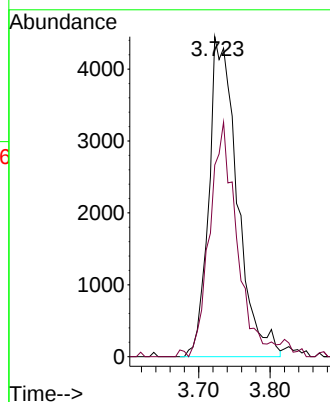
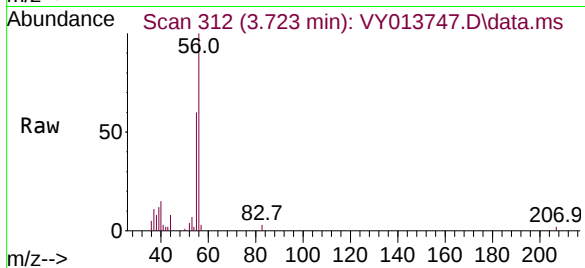
CB-14-G1-SO-14-050923MSD

Tgt Ion: 56 Resp: 12269

Ion Ratio Lower Upper

56 100

55 69.3 54.1 81.1



#14

Allyl chloride

Concen: 55.433 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

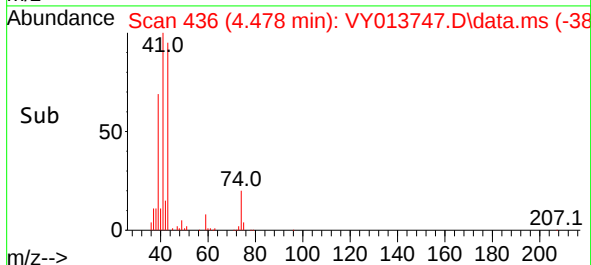
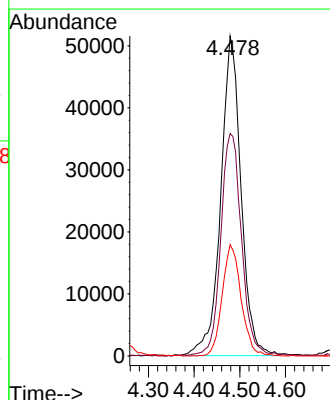
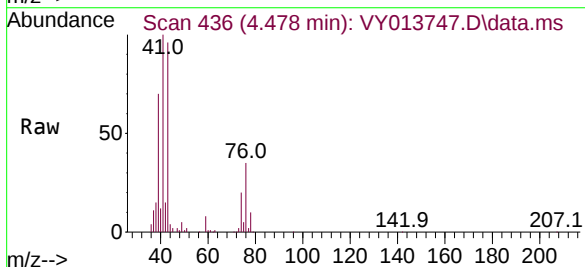
Tgt Ion: 41 Resp: 158997

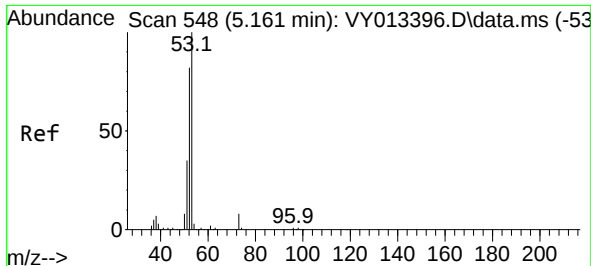
Ion Ratio Lower Upper

41 100

39 70.1 56.6 85.0

76 32.6 30.5 45.7

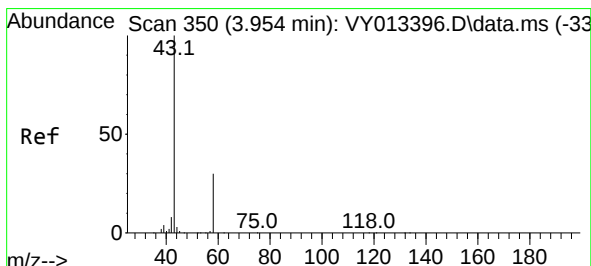
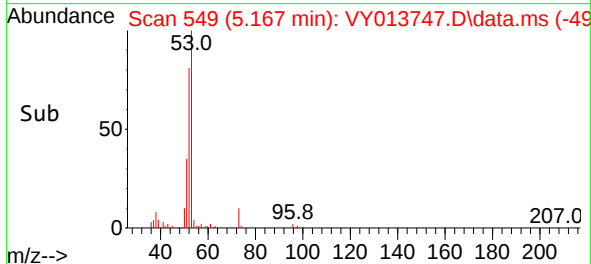
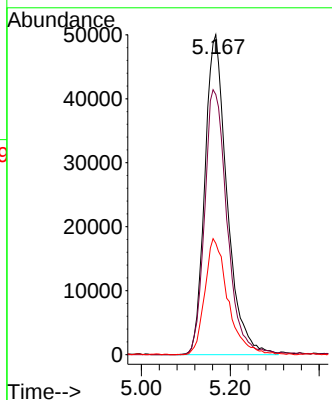
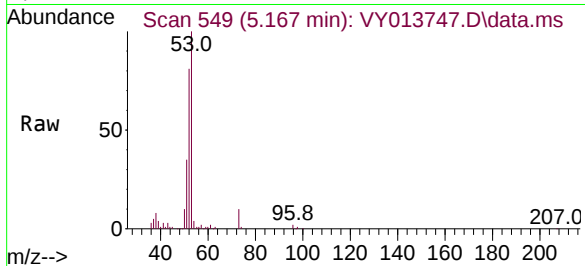




#15
Acrylonitrile
Concen: 318.593 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

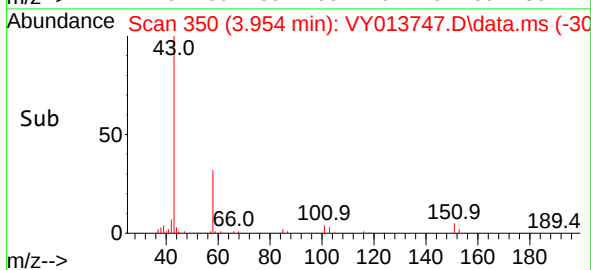
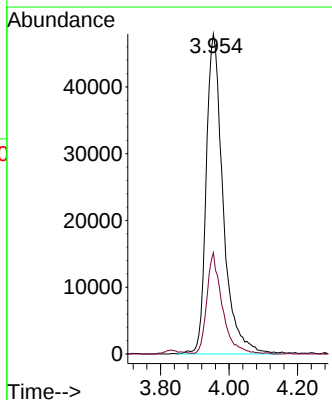
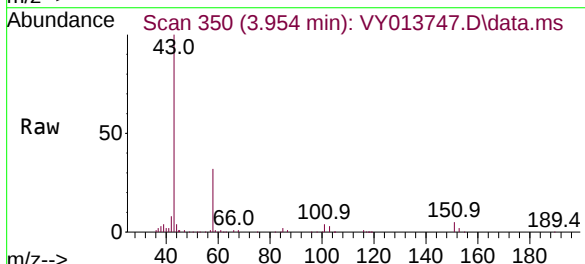
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

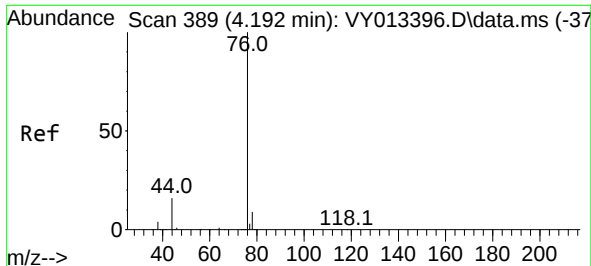
Tgt Ion: 53 Resp: 173710
Ion Ratio Lower Upper
53 100
52 83.9 65.4 98.0
51 37.9 29.3 43.9



#16
Acetone
Concen: 255.989 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 43 Resp: 164372
Ion Ratio Lower Upper
43 100
58 31.6 25.4 38.0

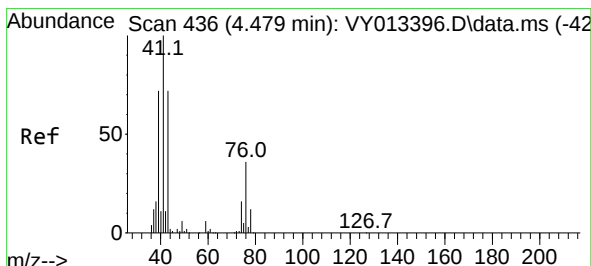
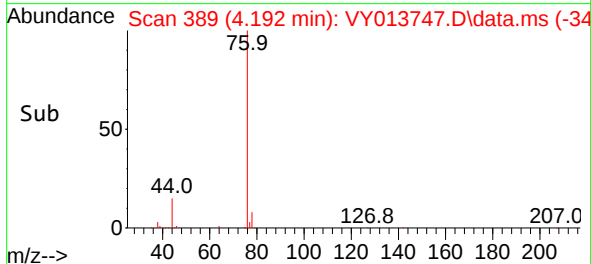
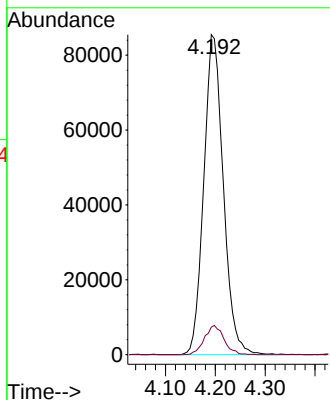
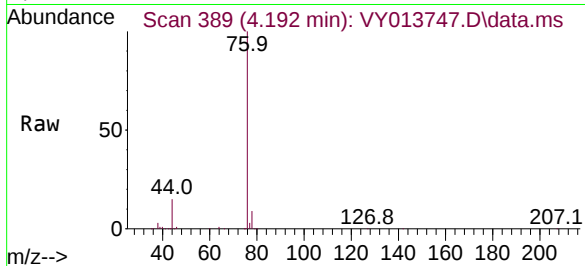




#17
Carbon Disulfide
Concen: 46.348 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

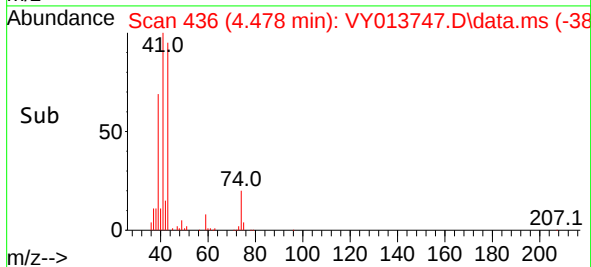
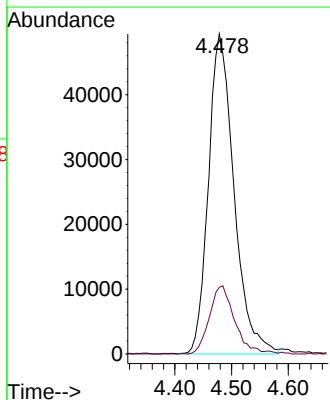
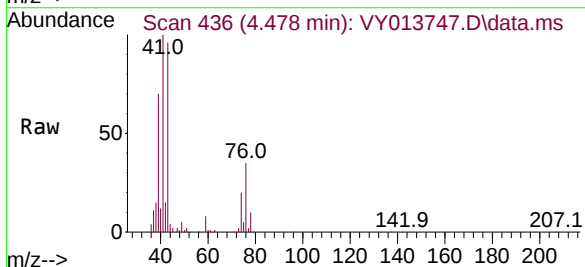
Instrument : MSVOA_Y
ClientSampleId : CB-14-G1-SO-14-050923MSD

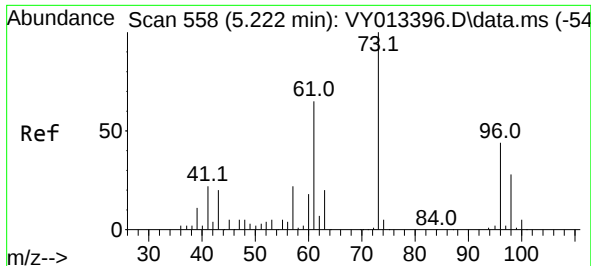
Tgt Ion: 76 Resp: 232727
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 72.931 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 43 Resp: 154668
Ion Ratio Lower Upper
43 100
74 21.1 19.4 29.2

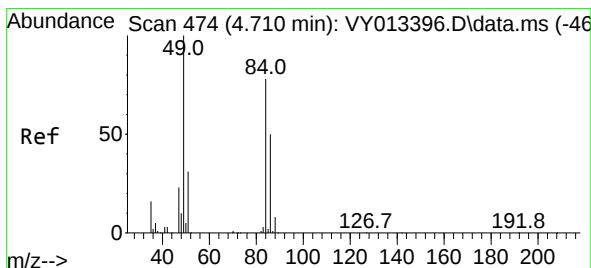
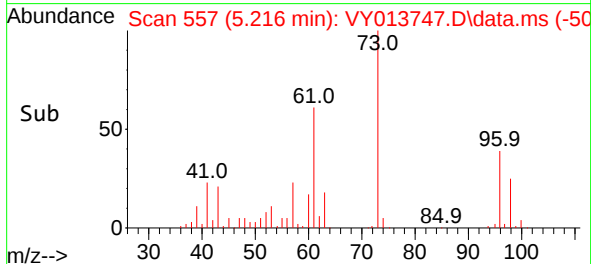
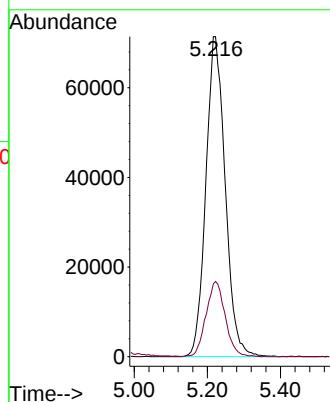
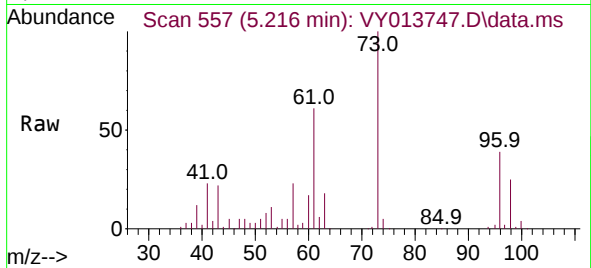




#19
Methyl tert-butyl Ether
Concen: 58.644 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

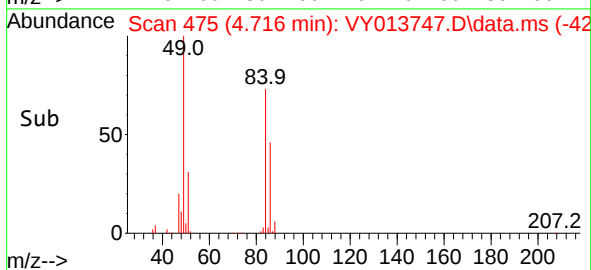
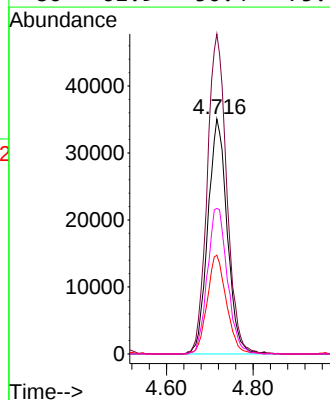
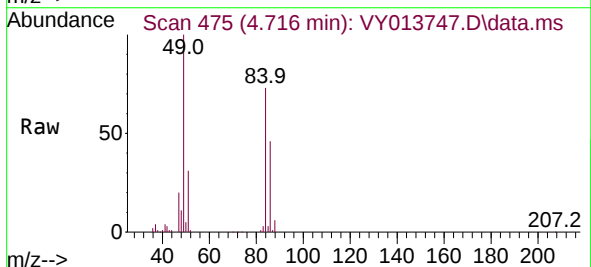
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

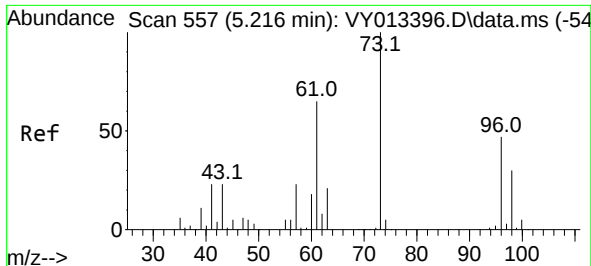
Tgt Ion: 73 Resp: 261711
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.8



#20
Methylene Chloride
Concen: 54.834 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 84 Resp: 108728
Ion Ratio Lower Upper
84 100
49 136.1 88.0 132.0#
51 42.0 27.4 41.0#
86 61.9 50.4 75.6

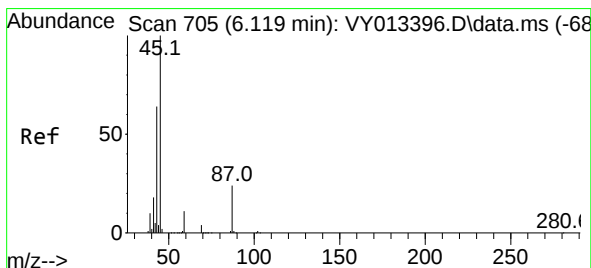
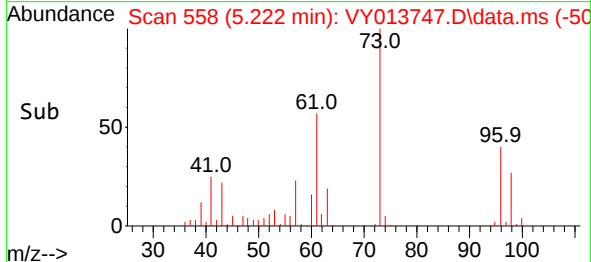
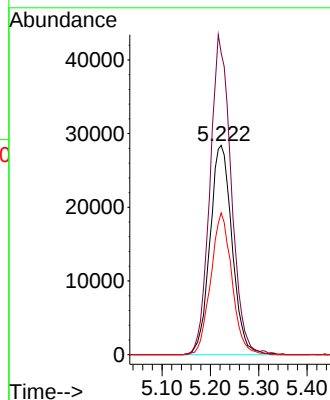
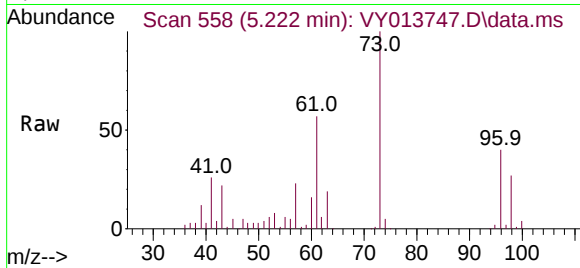




#21
trans-1,2-Dichloroethene
Concen: 53.505 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

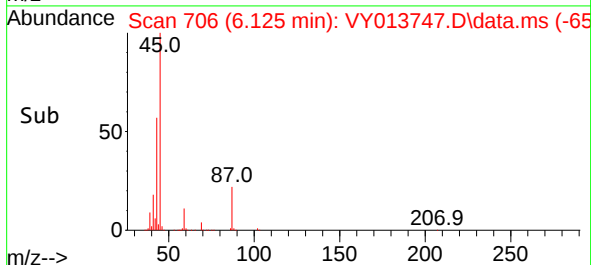
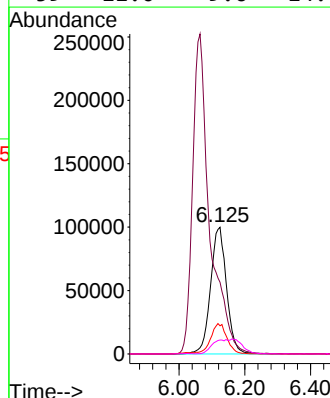
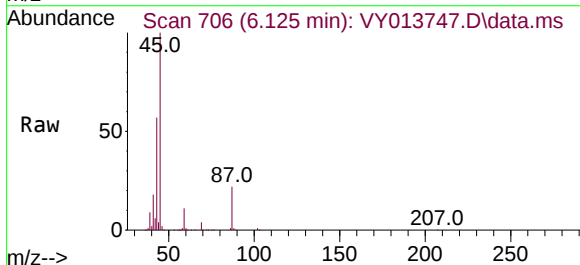
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

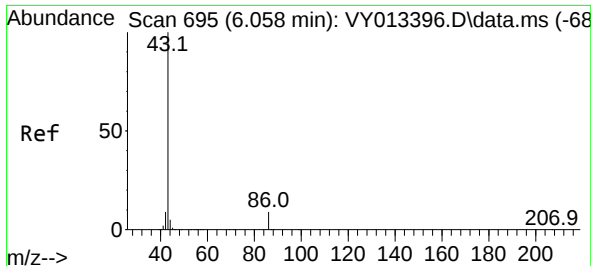
Tgt Ion: 96 Resp: 90432
Ion Ratio Lower Upper
96 100
61 144.2 110.6 165.8
98 67.8 53.1 79.7



#22
Diisopropyl ether
Concen: 60.237 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 45 Resp: 337699
Ion Ratio Lower Upper
45 100
43 56.2 48.4 72.6
87 22.2 23.8 35.6#
59 11.0 9.6 14.4

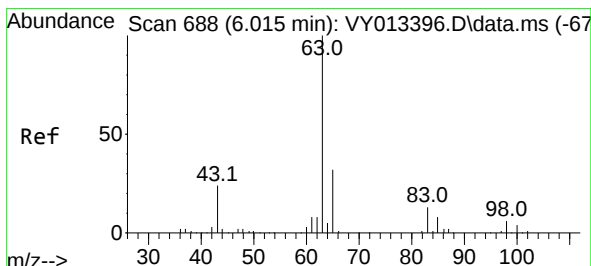
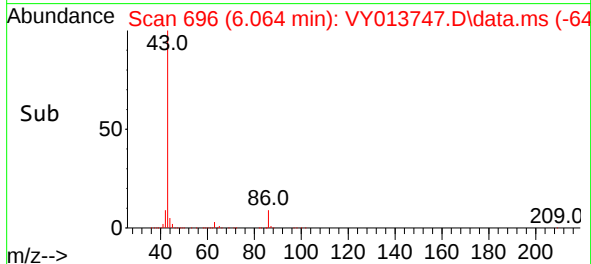
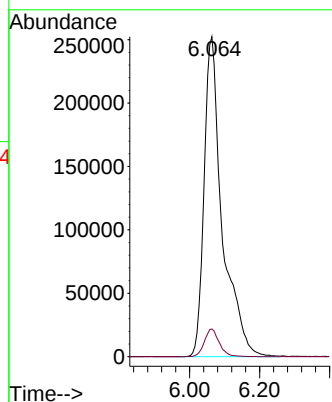
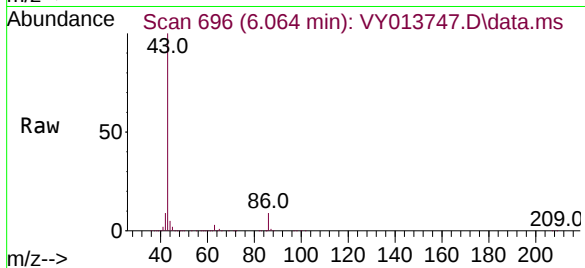




#23
 Vinyl Acetate
 Concen: 286.328 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VY013747.D
 Acq: 15 May 2023 19:33

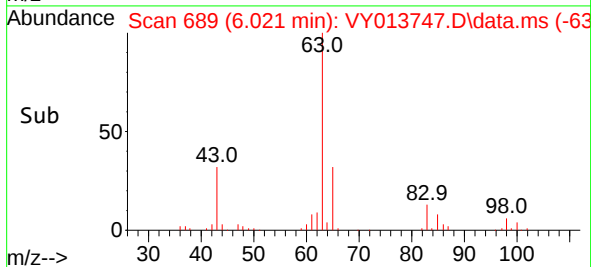
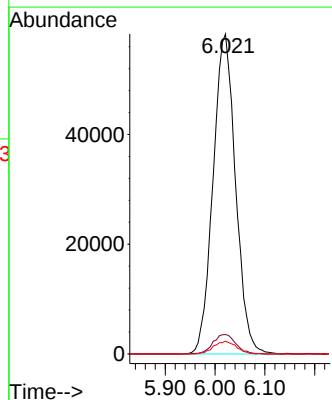
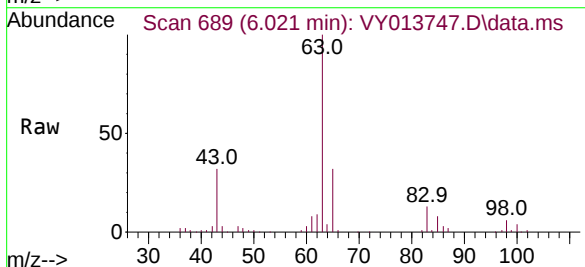
Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-SO-14-050923MSD

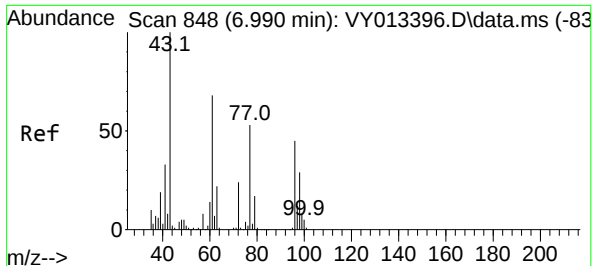
Tgt Ion: 43 Resp: 908868
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 58.520 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY013747.D
 Acq: 15 May 2023 19:33

Tgt Ion: 63 Resp: 182849
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.6
 100 3.9 2.2 6.6

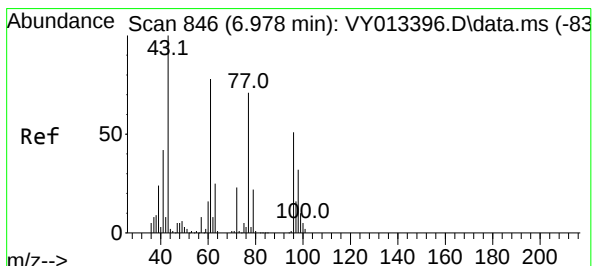
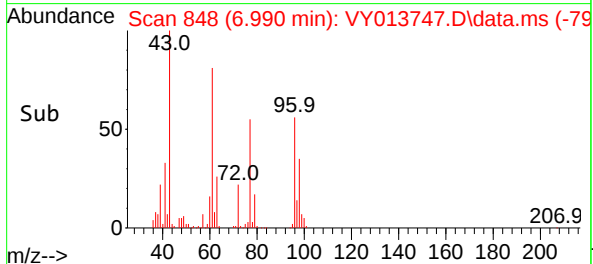
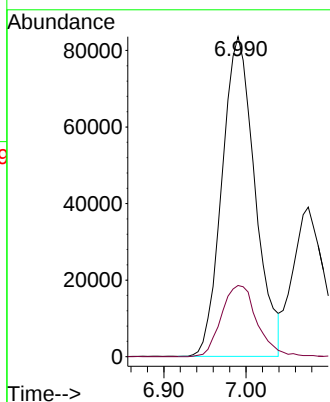
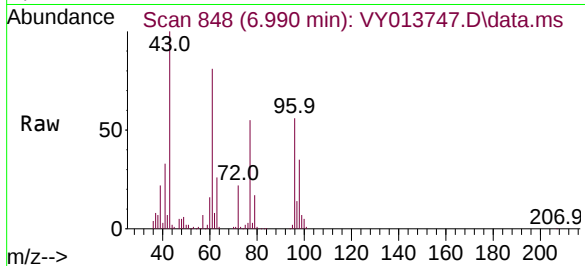




#25
2-Butanone
Concen: 285.895 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

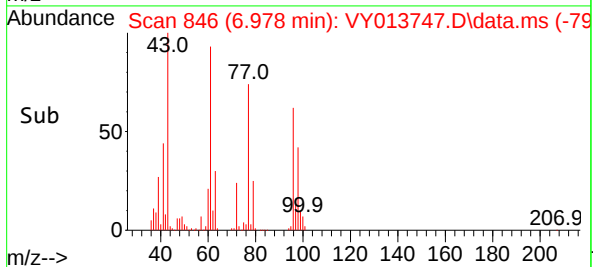
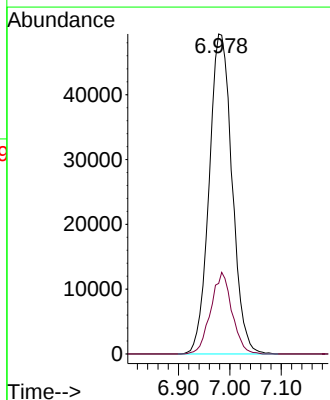
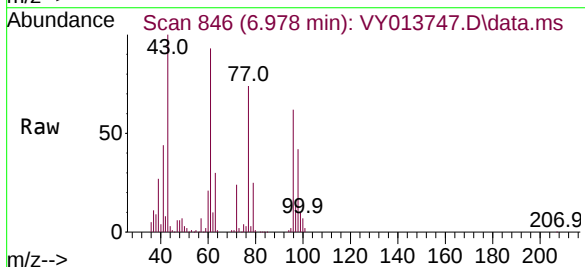
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

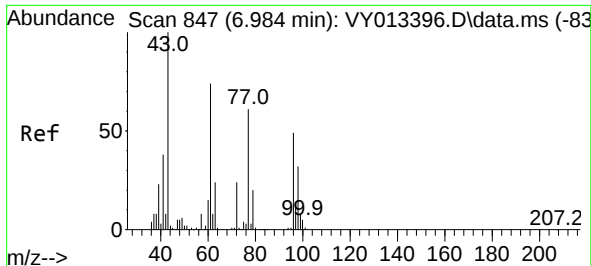
Tgt Ion: 43 Resp: 232813
Ion Ratio Lower Upper
43 100
72 22.3 21.9 32.9



#26
2,2-Dichloropropane
Concen: 56.654 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 77 Resp: 152534
Ion Ratio Lower Upper
77 100
97 23.7 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 68.544 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY013747.D

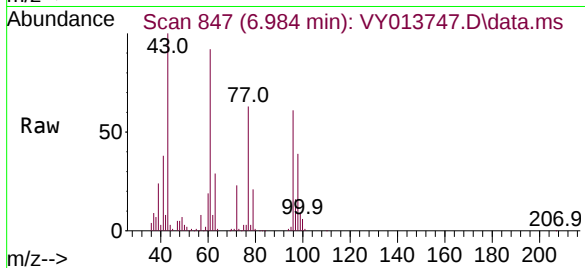
Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MSD



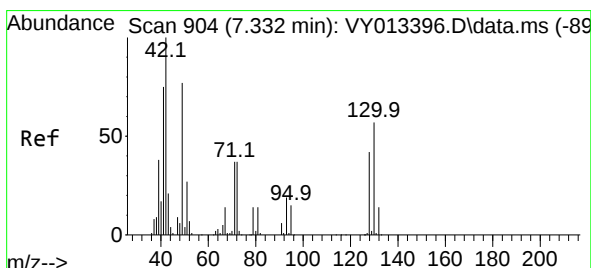
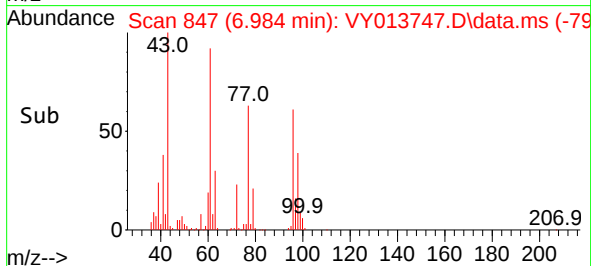
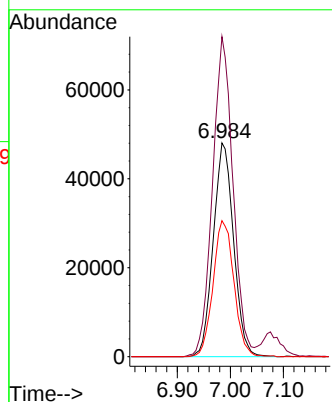
Tgt Ion: 96 Resp: 128000

Ion Ratio Lower Upper

96 100

61 150.7 0.0 285.0

98 65.4 0.0 130.6



#28

Bromochloromethane

Concen: 57.975 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

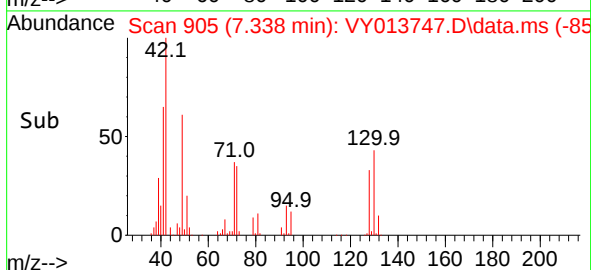
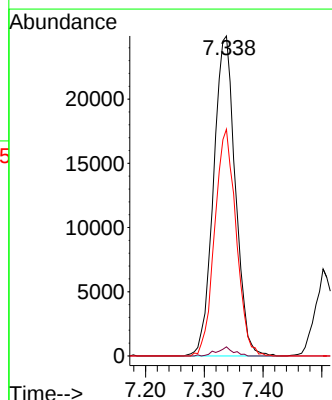
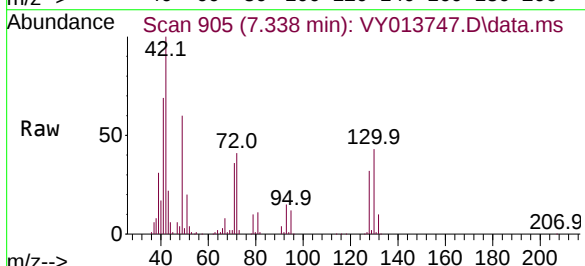
Tgt Ion: 49 Resp: 64281

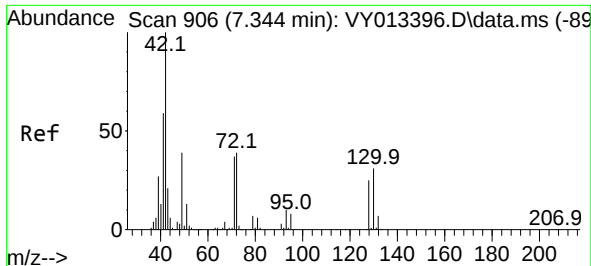
Ion Ratio Lower Upper

49 100

129 2.1 0.0 5.2

130 69.6 72.1 108.1#





#29

Tetrahydrofuran

Concen: 299.548 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013747.D

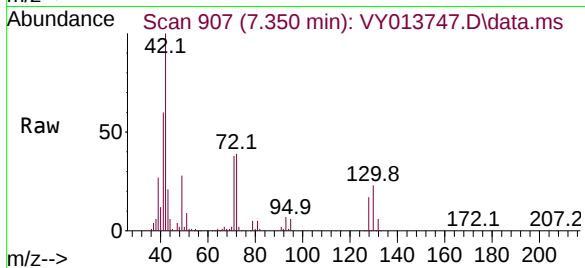
Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MSD



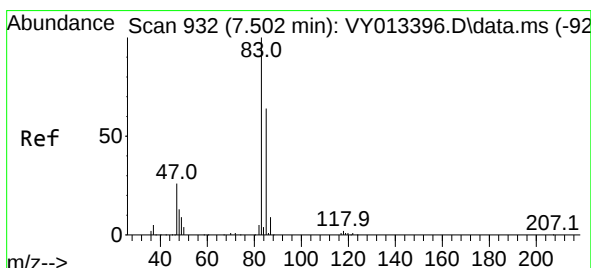
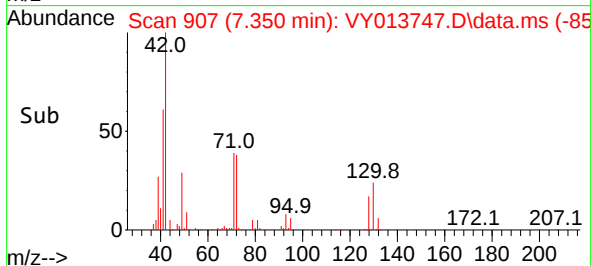
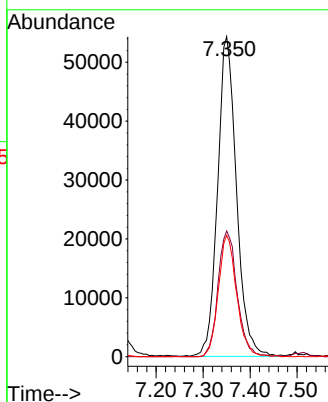
Tgt Ion: 42 Resp: 151842

Ion Ratio Lower Upper

42 100

72 39.7 35.9 53.9

71 36.8 34.3 51.5



#30

Chloroform

Concen: 58.549 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY013747.D

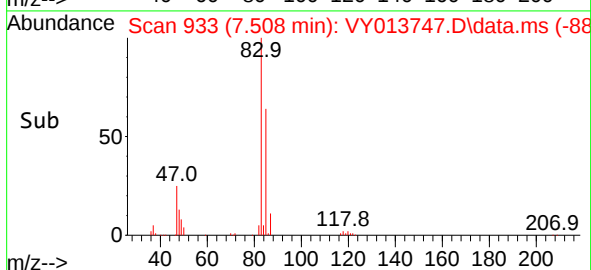
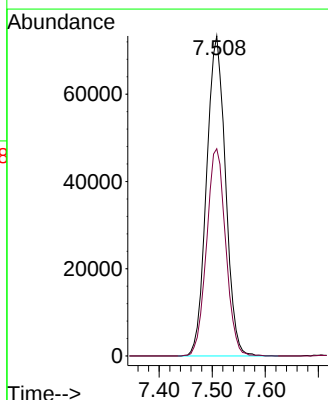
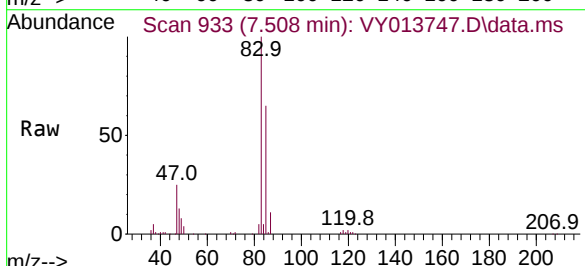
Acq: 15 May 2023 19:33

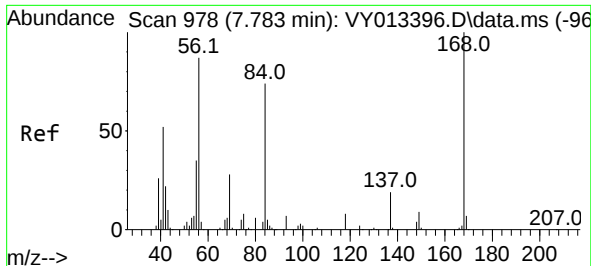
Tgt Ion: 83 Resp: 181886

Ion Ratio Lower Upper

83 100

85 64.7 52.0 78.0

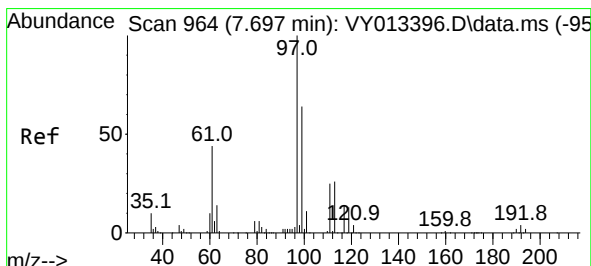
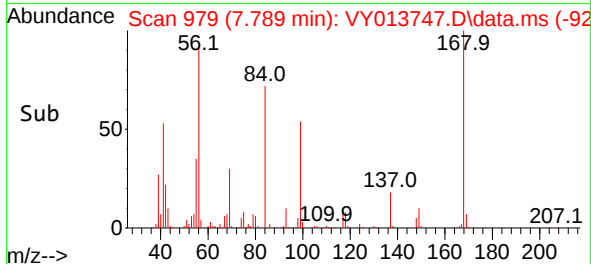
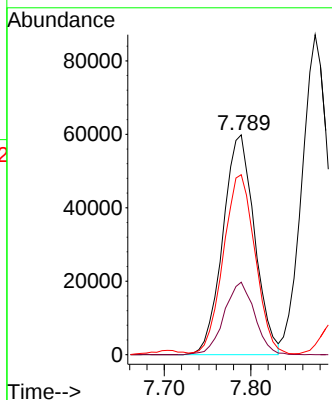
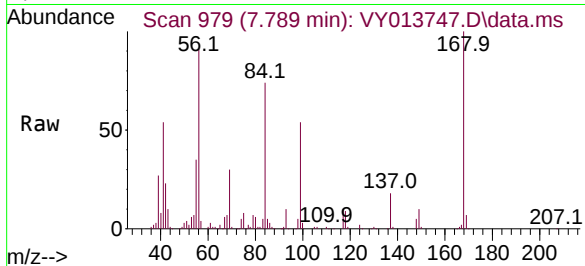




#31
Cyclohexane
Concen: 52.077 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

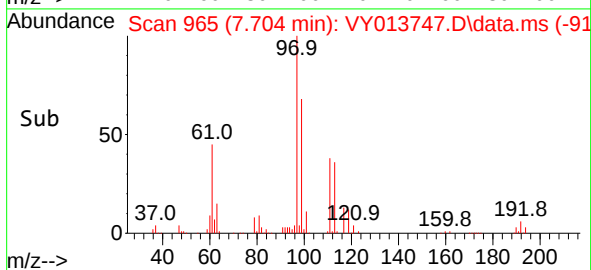
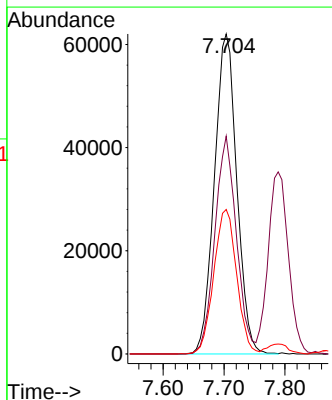
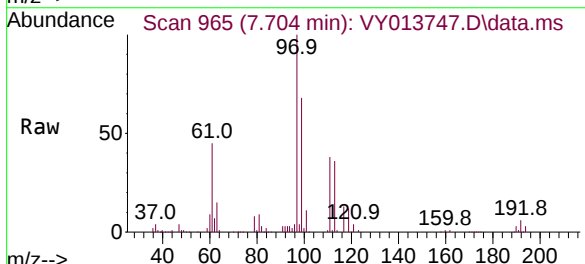
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

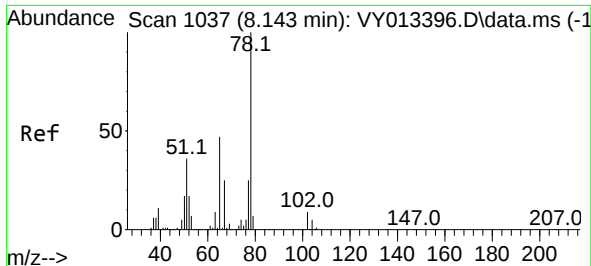
Tgt Ion: 56 Resp: 152026
Ion Ratio Lower Upper
56 100
69 33.0 29.2 43.8
84 80.7 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 57.177 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 97 Resp: 158504
Ion Ratio Lower Upper
97 100
99 65.8 52.2 78.2
61 46.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 56.452 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

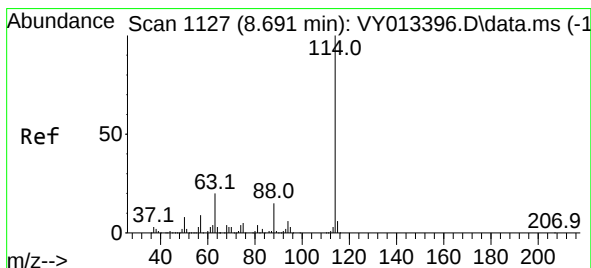
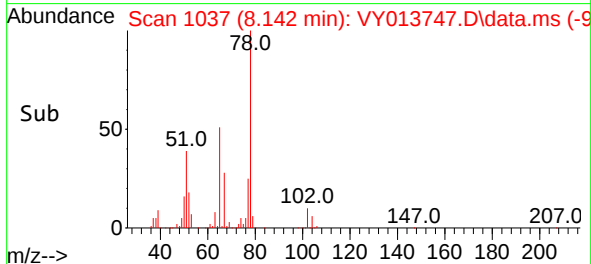
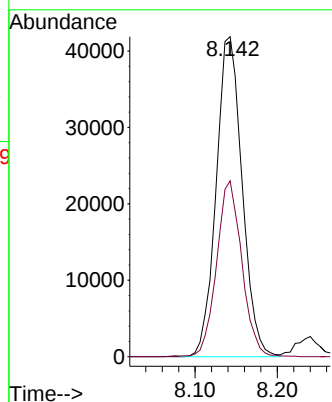
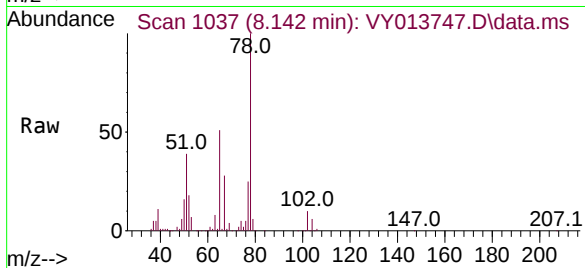
CB-14-G1-SO-14-050923MSD

Tgt Ion: 65 Resp: 92045

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

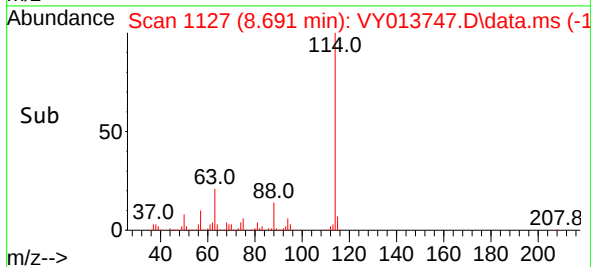
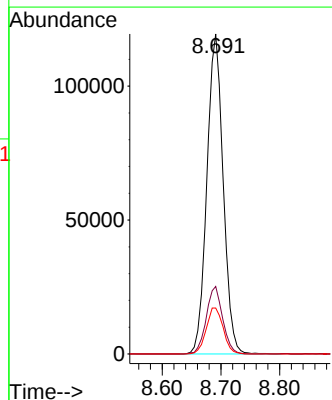
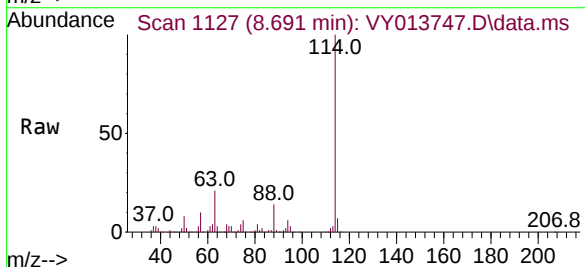
Tgt Ion: 114 Resp: 230256

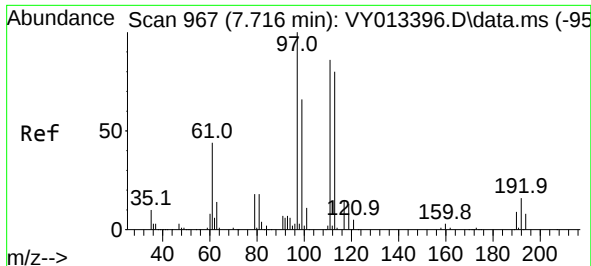
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.6

88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 56.386 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MSD

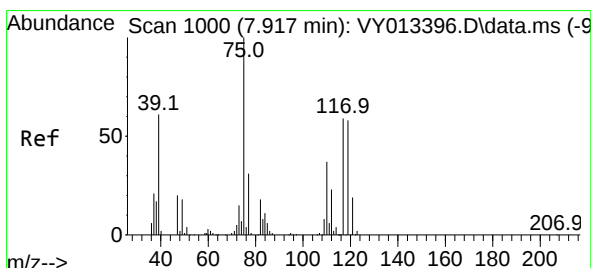
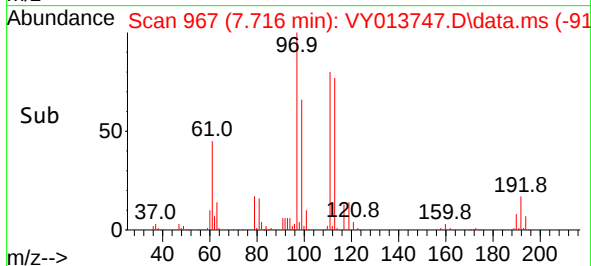
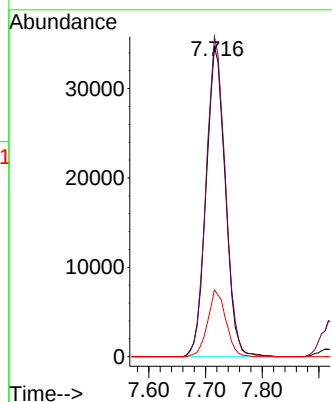
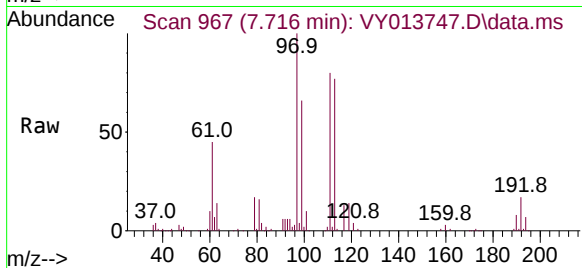
Tgt Ion:113 Resp: 81659

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 20.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 56.036 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

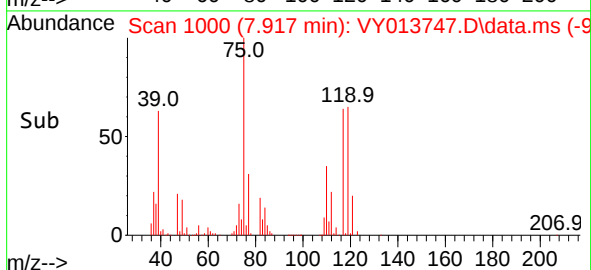
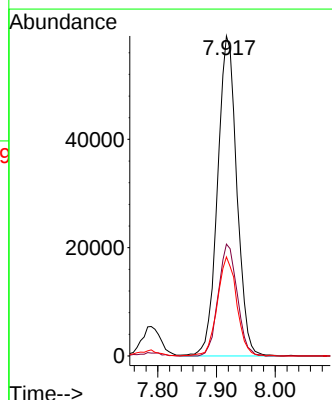
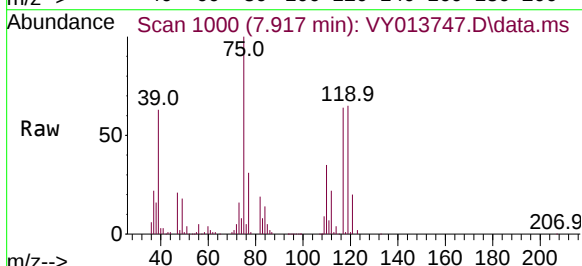
Tgt Ion: 75 Resp: 134683

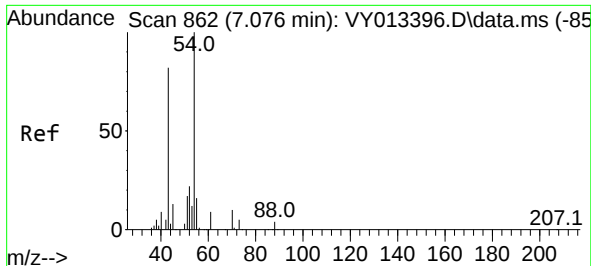
Ion Ratio Lower Upper

75 100

110 34.4 18.7 56.1

77 31.1 24.6 37.0

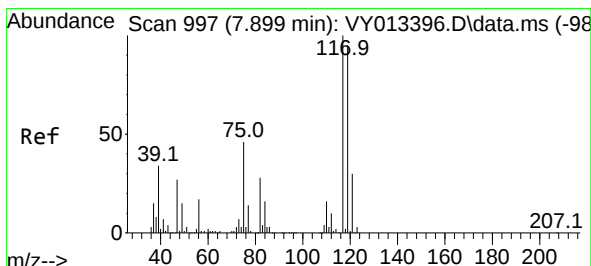
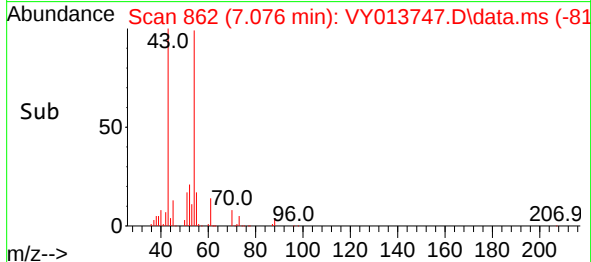
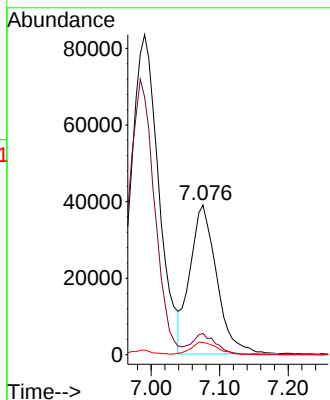
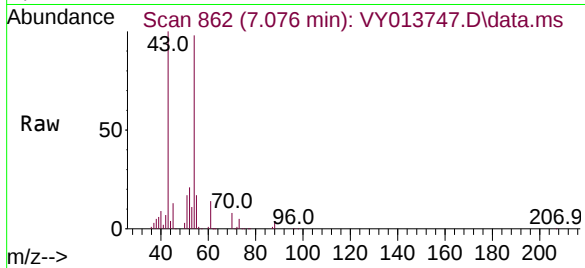




#37
Ethyl Acetate
Concen: 58.241 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.007 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

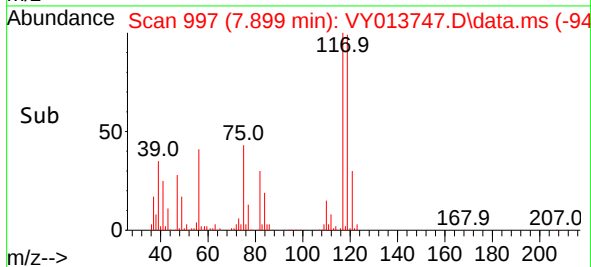
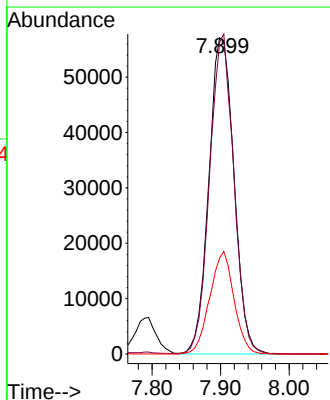
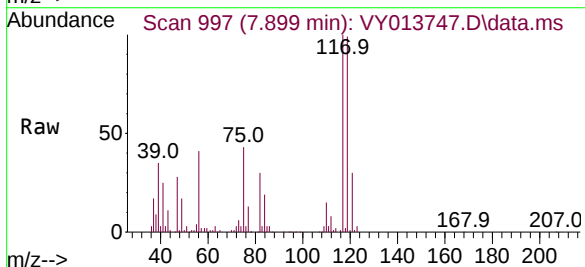
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

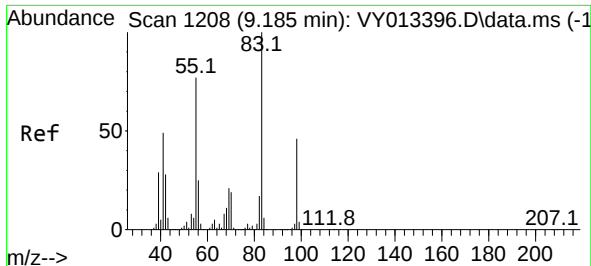
Tgt Ion: 43 Resp: 105342
Ion Ratio Lower Upper
43 100
61 12.6 11.4 17.0
70 8.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 57.702 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 117 Resp: 145359
Ion Ratio Lower Upper
117 100
119 98.5 79.0 118.6
121 30.4 26.6 40.0





#39

Methylcyclohexane

Concen: 55.061 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MSD

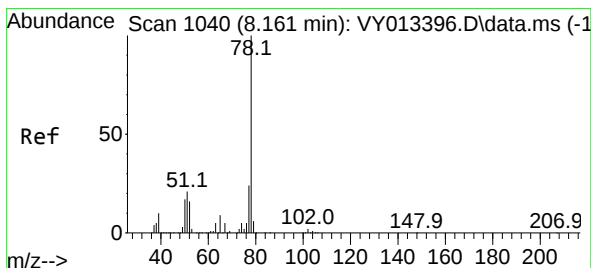
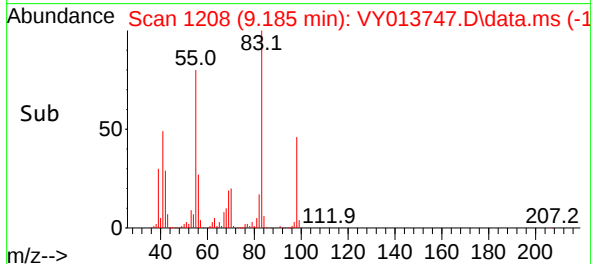
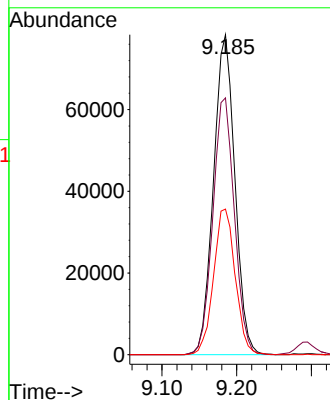
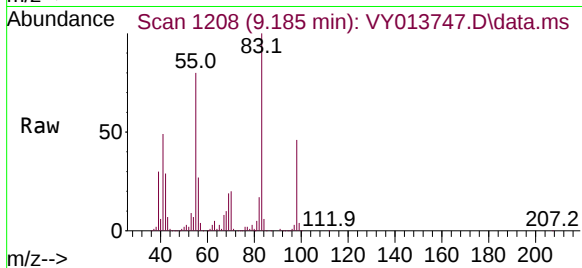
Tgt Ion: 83 Resp: 156014

Ion Ratio Lower Upper

83 100

55 80.3 59.0 88.4

98 45.5 37.0 55.4



#40

Benzene

Concen: 56.024 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013747.D

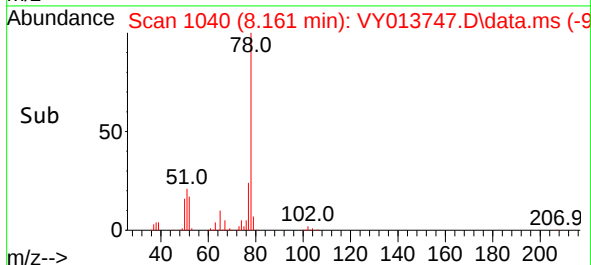
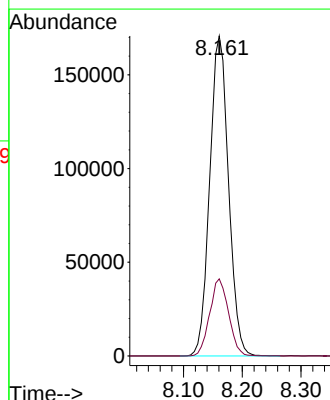
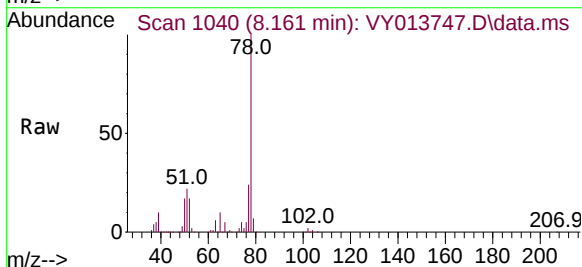
Acq: 15 May 2023 19:33

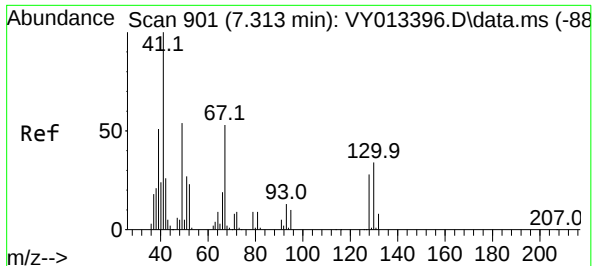
Tgt Ion: 78 Resp: 379306

Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8

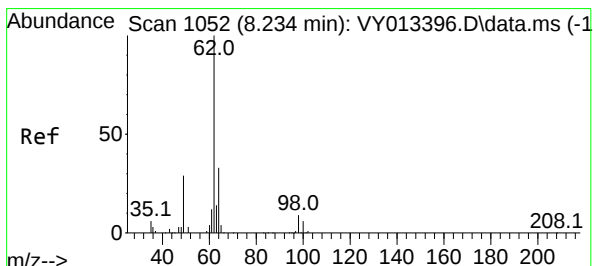
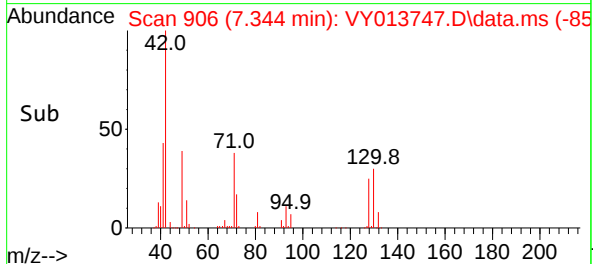
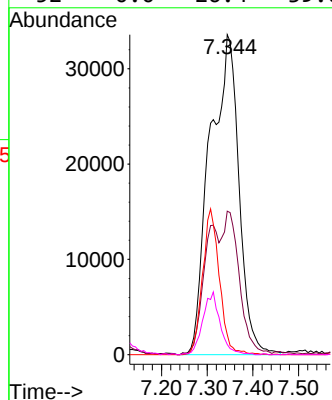
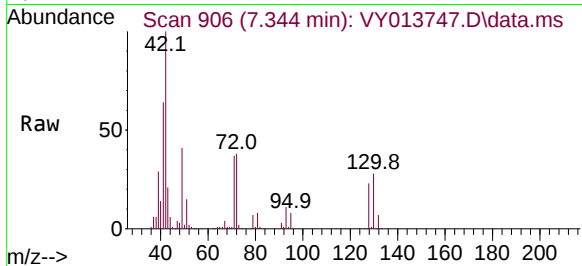




#41
Methacrylonitrile
Concen: 175.262 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

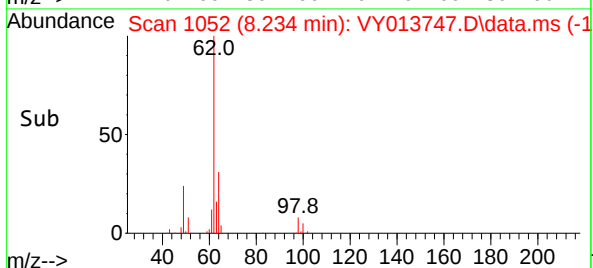
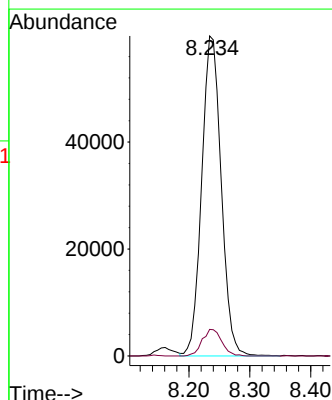
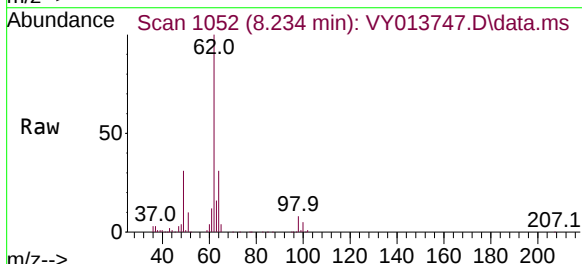
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

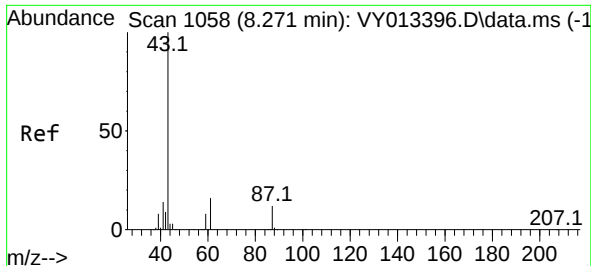
Tgt Ion: 41 Resp: 147719
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 60.162 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 62 Resp: 133166
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.8

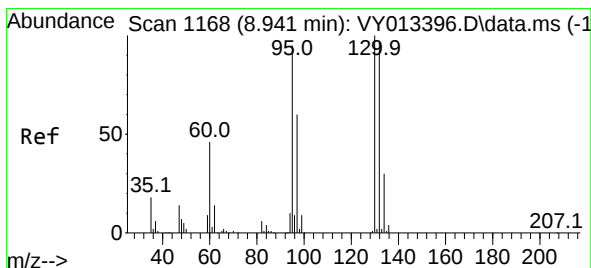
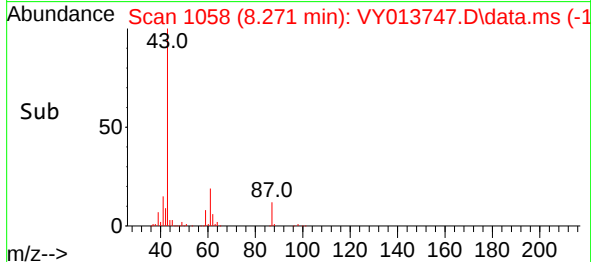
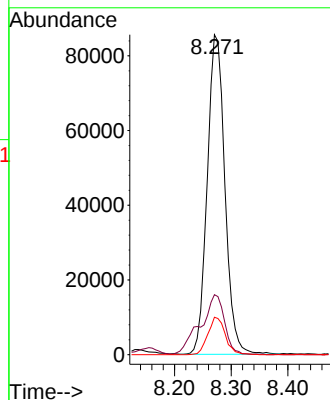
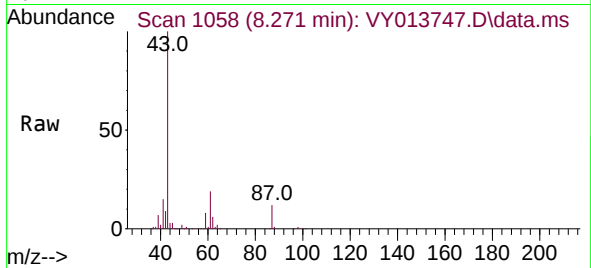




#43
Isopropyl Acetate
Concen: 60.693 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

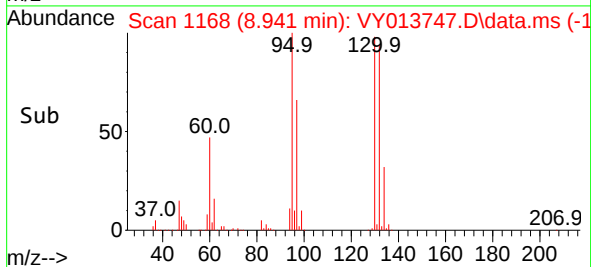
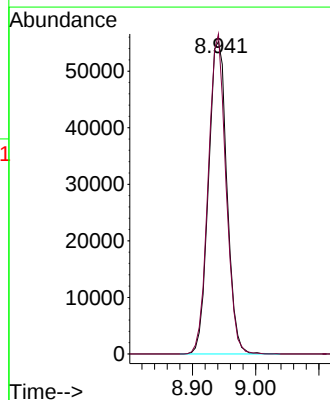
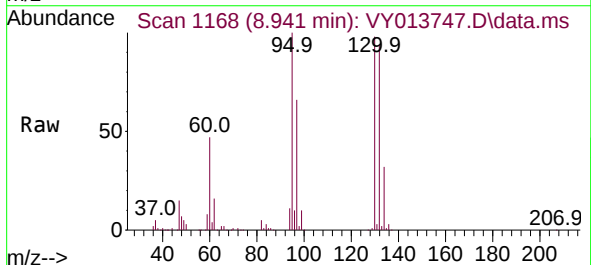
Instrument : MSVOA_Y
ClientSampleId : CB-14-G1-SO-14-050923MSD

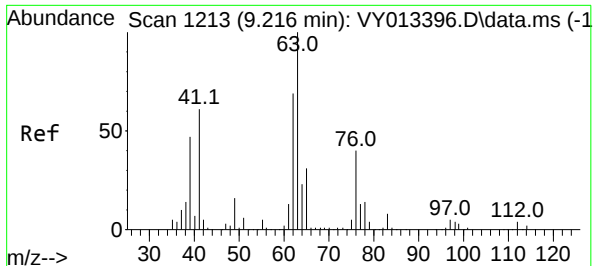
Tgt Ion: 43 Resp: 185290
Ion Ratio Lower Upper
43 100
61 25.2 22.2 33.4
87 11.5 11.0 16.6



#44
Trichloroethene
Concen: 61.853 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion:130 Resp: 111392
Ion Ratio Lower Upper
130 100
95 102.4 0.0 188.8

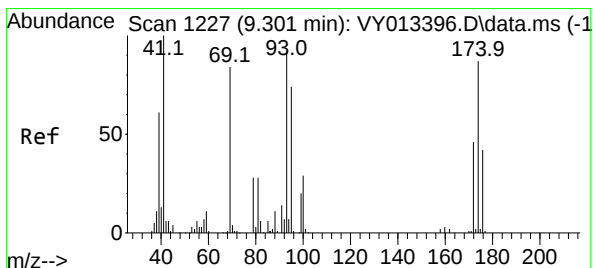
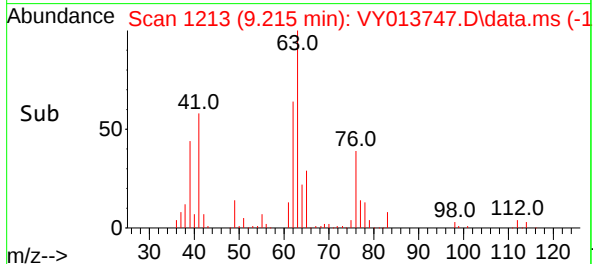
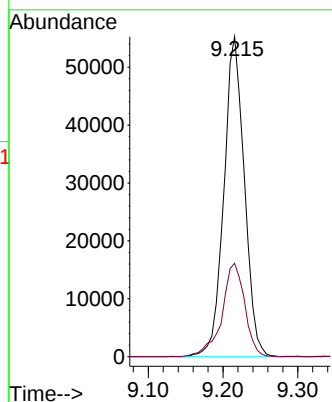
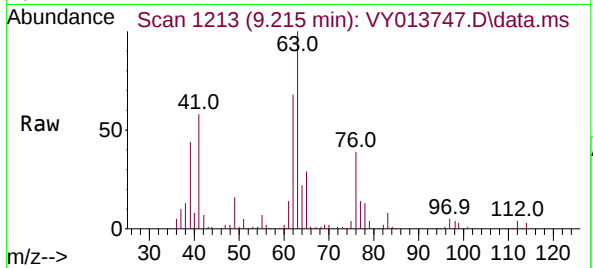




#45
1,2-Dichloropropane
Concen: 59.569 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

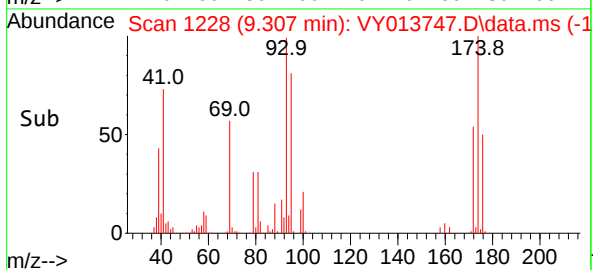
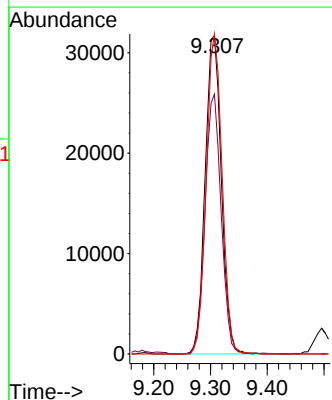
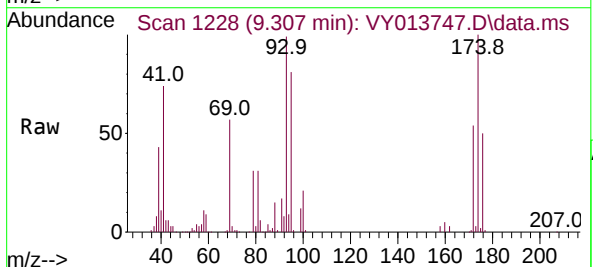
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

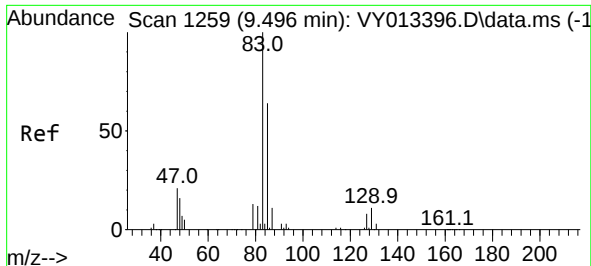
Tgt Ion: 63 Resp: 105450
Ion Ratio Lower Upper
63 100
65 29.2 24.6 37.0



#46
Dibromomethane
Concen: 59.380 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 93 Resp: 62894
Ion Ratio Lower Upper
93 100
95 80.6 67.1 100.7
174 98.2 87.0 130.4

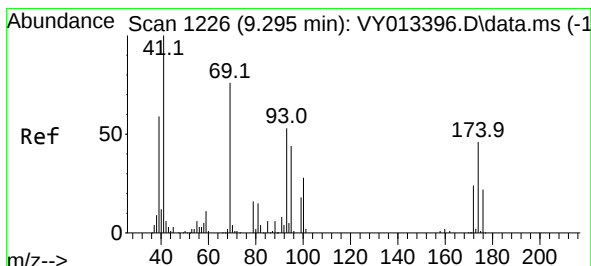
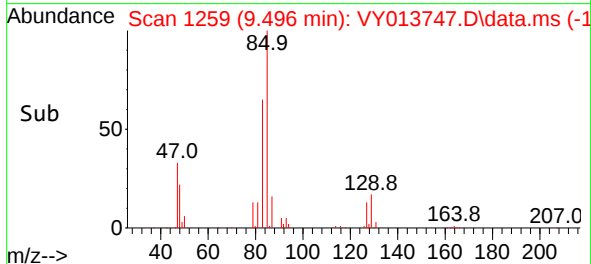
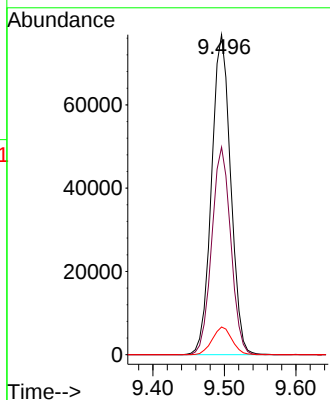
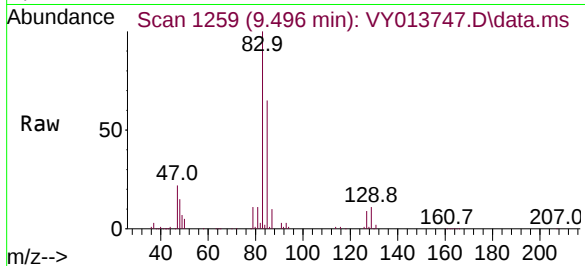




#47
Bromodichloromethane
Concen: 60.098 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

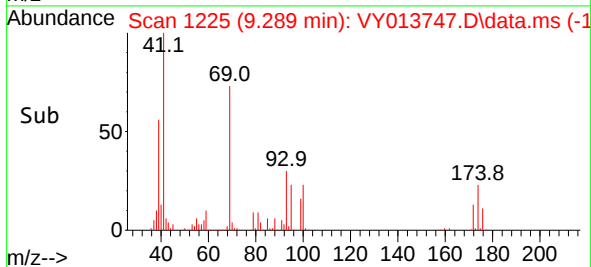
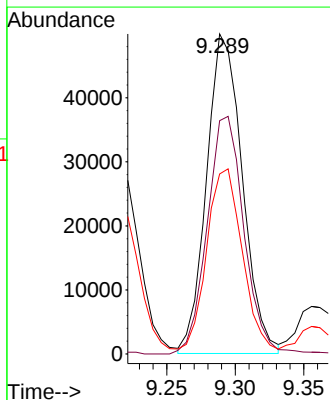
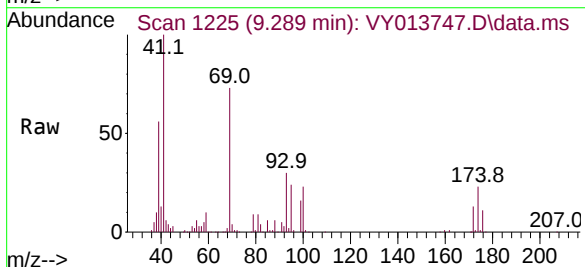
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

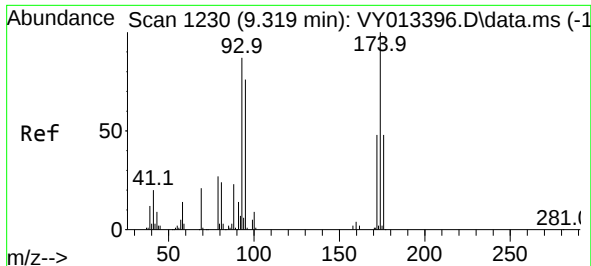
Tgt Ion: 83 Resp: 142435
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.2
127 8.6 8.1 12.1



#48
Methyl methacrylate
Concen: 64.727 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 41 Resp: 90754
Ion Ratio Lower Upper
41 100
69 76.4 70.2 105.4
39 55.3 47.9 71.9





#49

1,4-Dioxane

Concen: 1068.064 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MSD

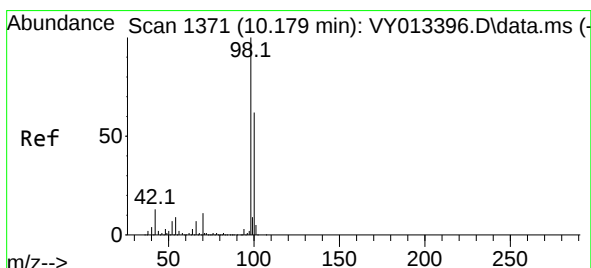
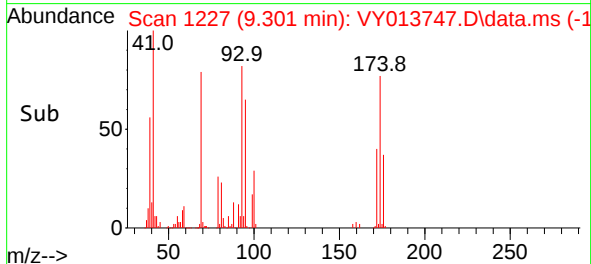
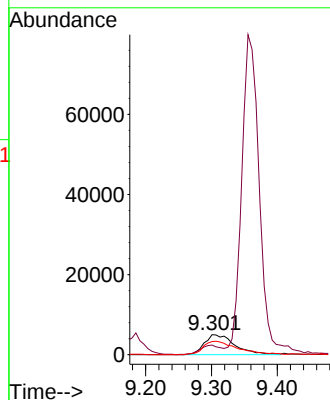
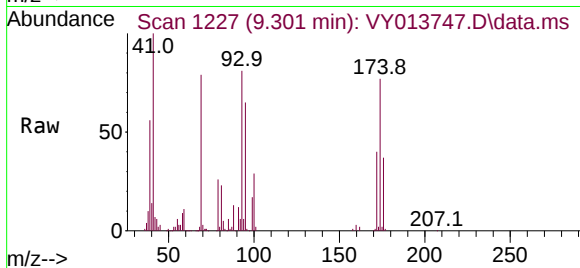
Tgt Ion: 88 Resp: 16157

Ion Ratio Lower Upper

88 100

43 33.2 16.8 25.2#

58 75.6 54.3 81.5



#50

Toluene-d8

Concen: 52.226 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013747.D

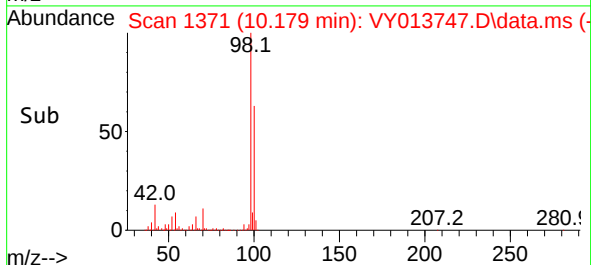
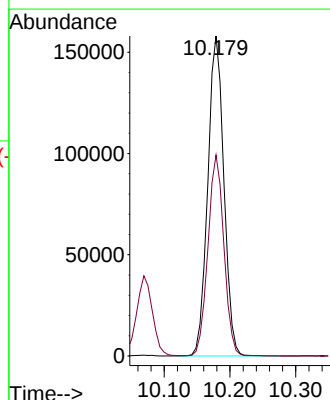
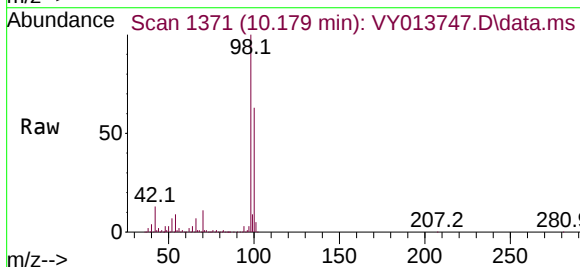
Acq: 15 May 2023 19:33

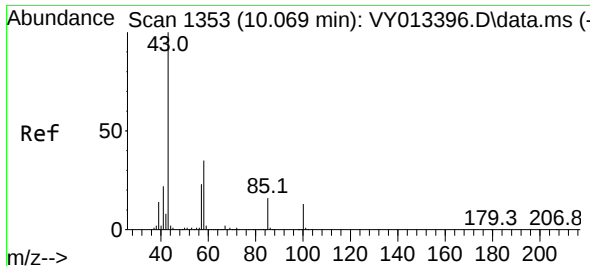
Tgt Ion: 98 Resp: 269063

Ion Ratio Lower Upper

98 100

100 62.2 50.5 75.7

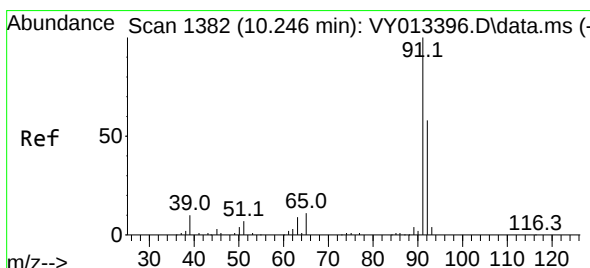
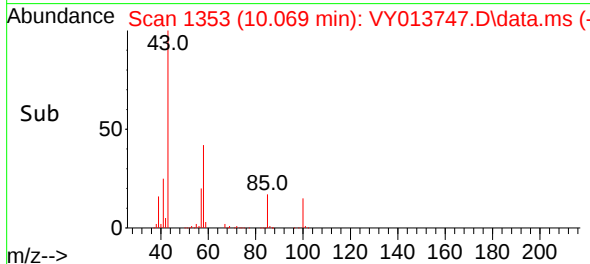
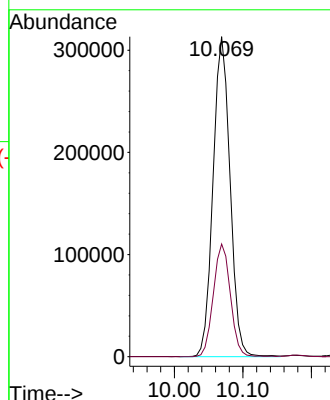
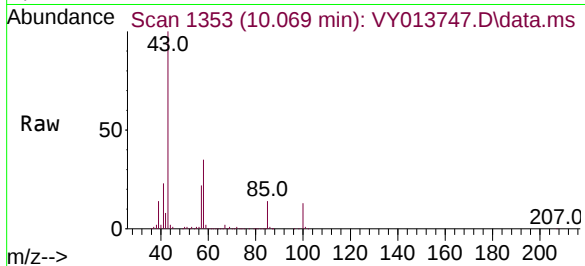




#51
4-Methyl-2-Pentanone
Concen: 316.542 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

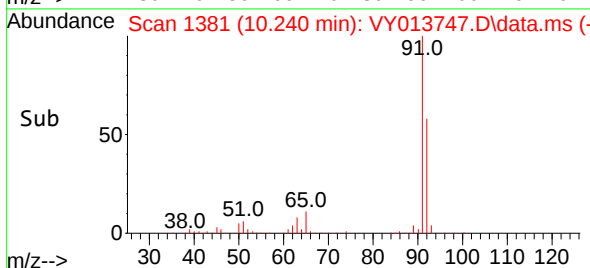
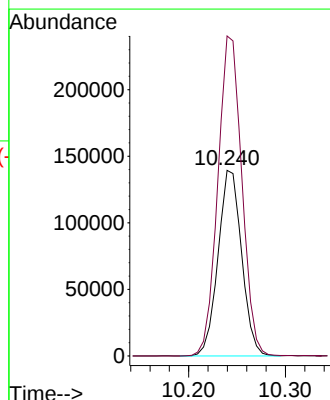
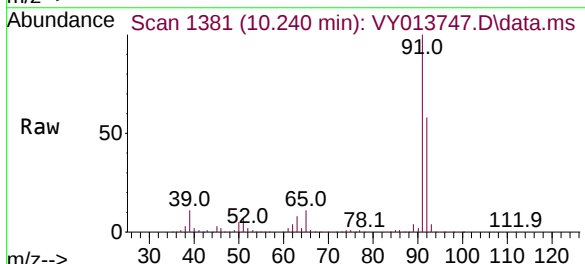
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

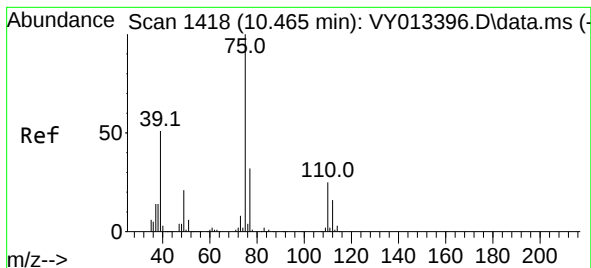
Tgt Ion: 43 Resp: 538510
Ion Ratio Lower Upper
43 100
58 35.2 30.6 46.0



#52
Toluene
Concen: 57.908 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 92 Resp: 235931
Ion Ratio Lower Upper
92 100
91 175.7 140.2 210.4

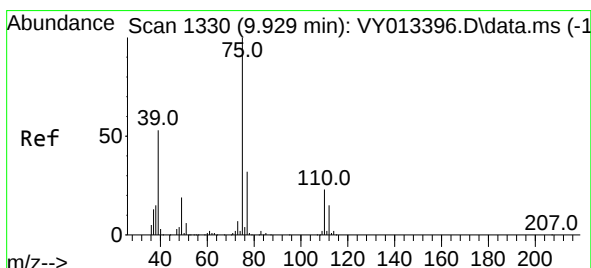
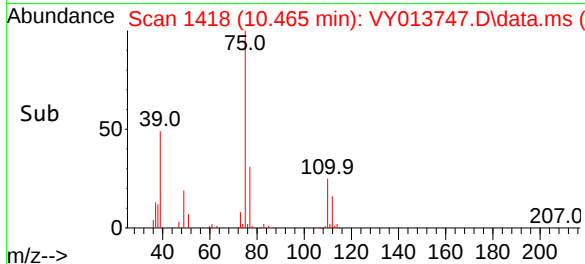
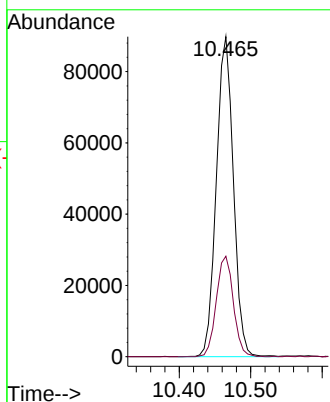
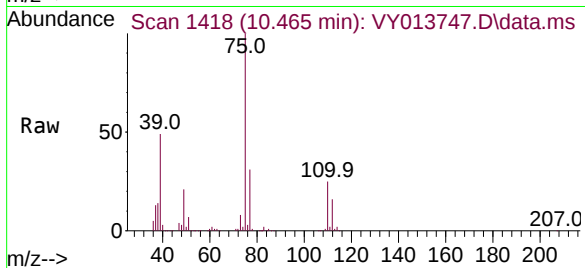




#53
t-1,3-Dichloropropene
Concen: 59.250 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

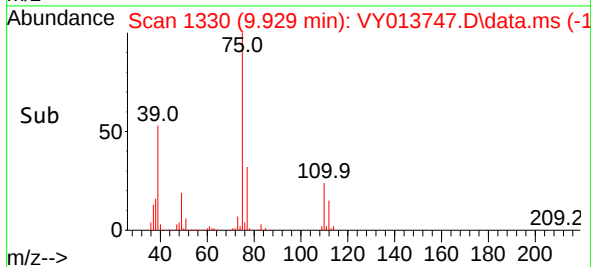
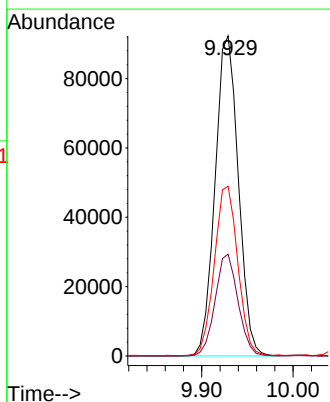
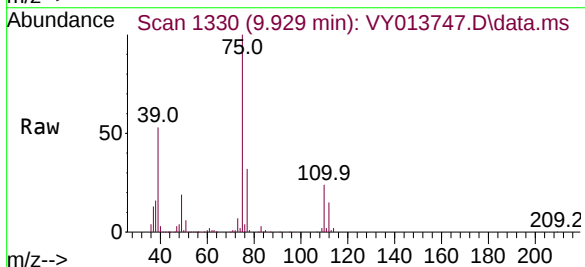
Instrument : MSVOA_Y
ClientSampleId : CB-14-G1-SO-14-050923MSD

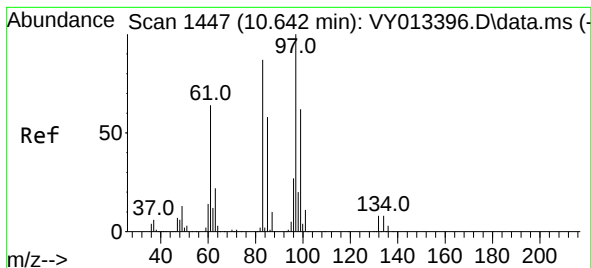
Tgt Ion: 75 Resp: 148619
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 57.850 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 75 Resp: 163280
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 52.9 38.1 57.1

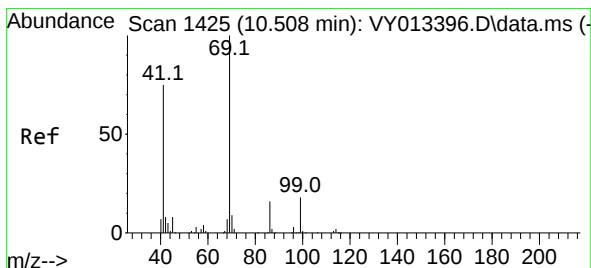
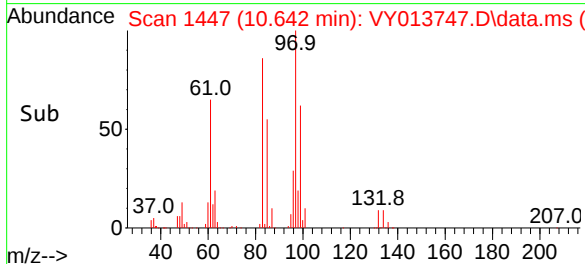
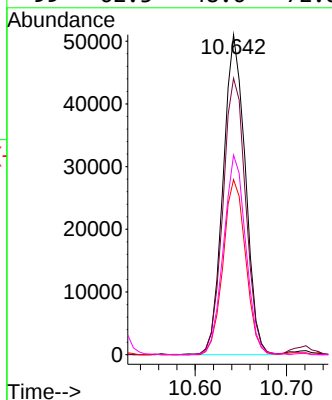
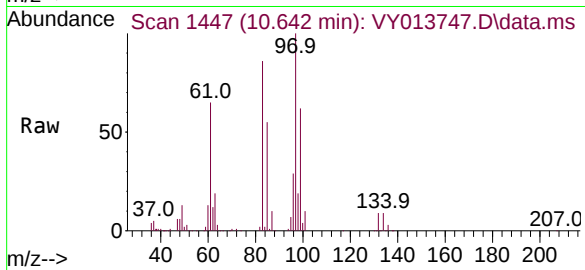




#55
 1,1,2-Trichloroethane
 Concen: 61.463 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY013747.D
 Acq: 15 May 2023 19:33

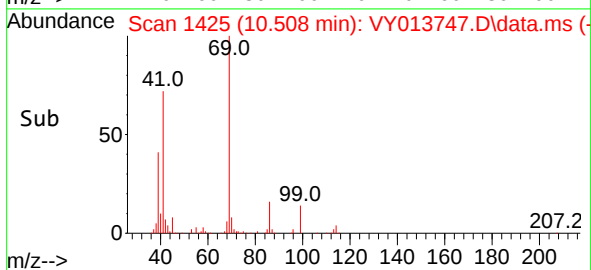
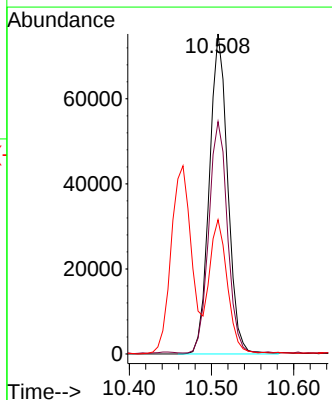
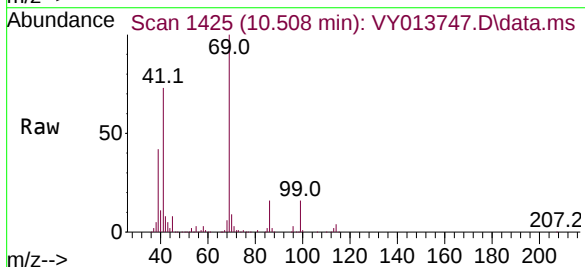
Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-SO-14-050923MSD

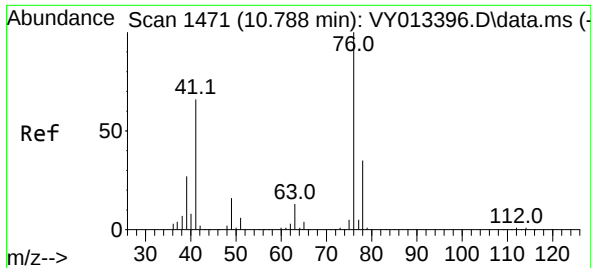
Tgt Ion:	97	Resp:	86213
Ion	Ratio	Lower	Upper
97	100		
83	86.4	66.4	99.6
85	54.7	45.6	68.4
99	62.3	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 60.144 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VY013747.D
 Acq: 15 May 2023 19:33

Tgt Ion:	69	Resp:	117039
Ion	Ratio	Lower	Upper
69	100		
41	73.2	51.4	77.0
39	39.6	29.0	43.6

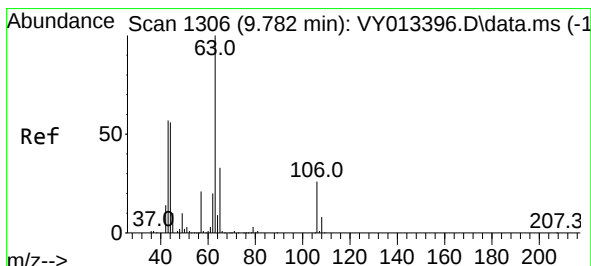
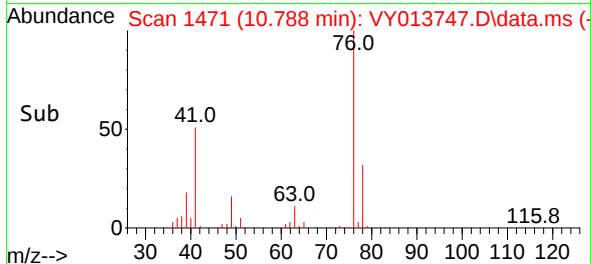
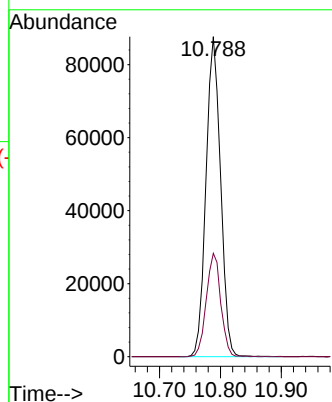
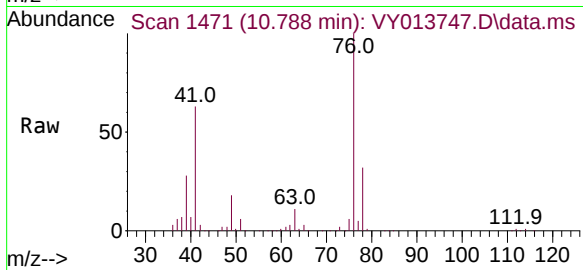




#57
1,3-Dichloropropane
Concen: 61.352 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

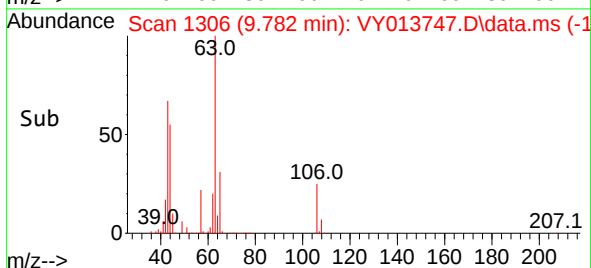
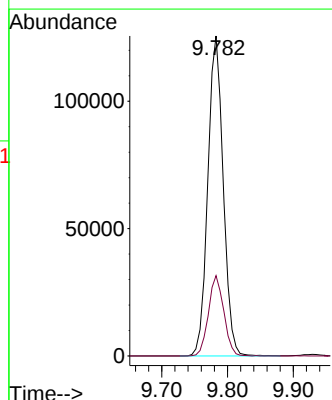
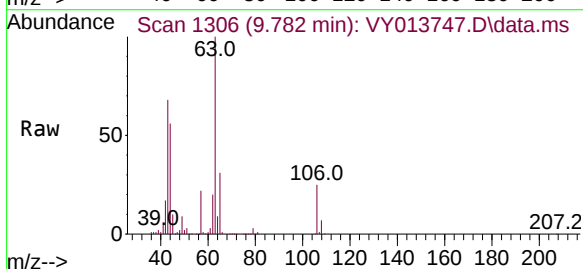
Instrument : MSVOA_Y
ClientSampleId : CB-14-G1-SO-14-050923MSD

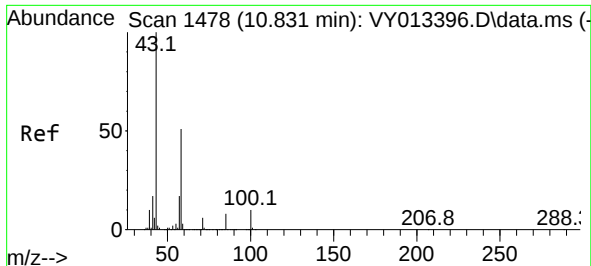
Tgt Ion: 76 Resp: 145744
Ion Ratio Lower Upper
76 100
78 32.1 26.5 39.7



#58
2-Chloroethyl Vinyl ether
Concen: 280.309 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 63 Resp: 204546
Ion Ratio Lower Upper
63 100
106 25.0 23.5 35.3





#59

2-Hexanone

Concen: 300.645 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

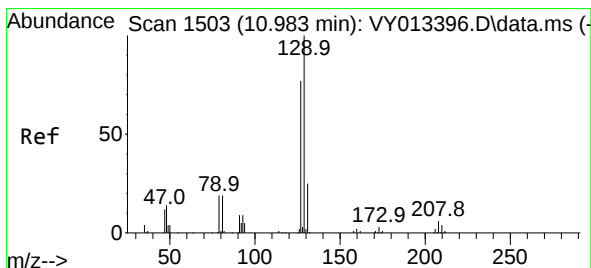
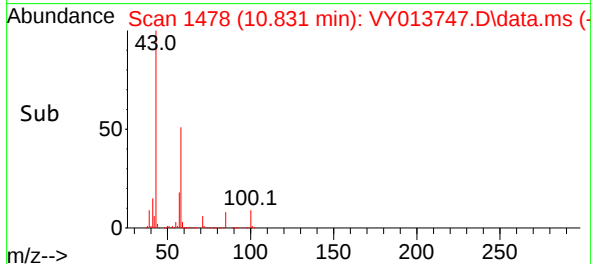
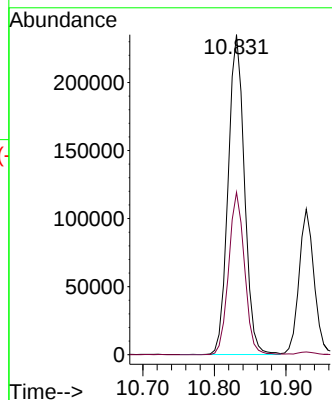
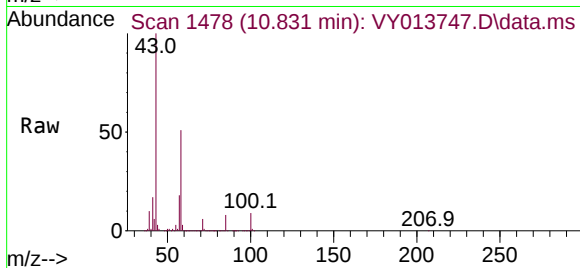
CB-14-G1-SO-14-050923MSD

Tgt Ion: 43 Resp: 371794

Ion Ratio Lower Upper

43 100

58 49.4 26.3 78.8



#60

Dibromochloromethane

Concen: 61.685 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY013747.D

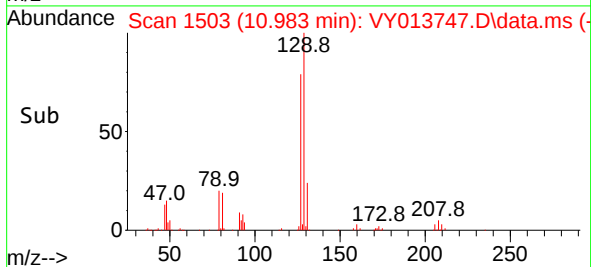
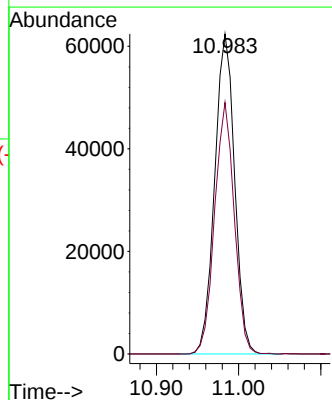
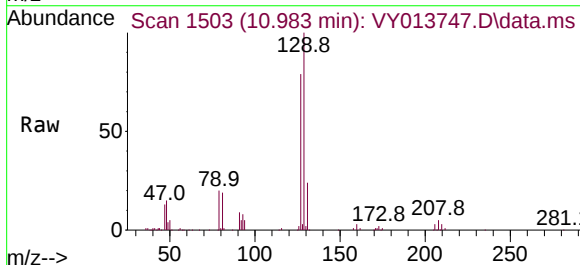
Acq: 15 May 2023 19:33

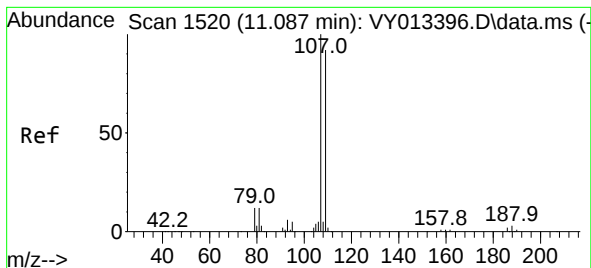
Tgt Ion:129 Resp: 105060

Ion Ratio Lower Upper

129 100

127 77.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 60.730 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

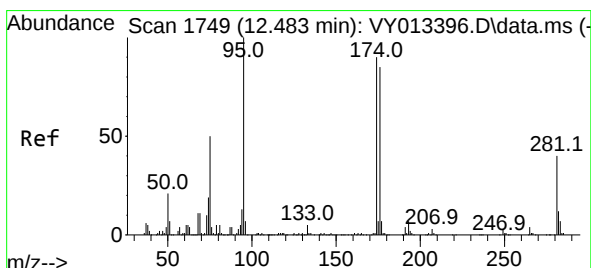
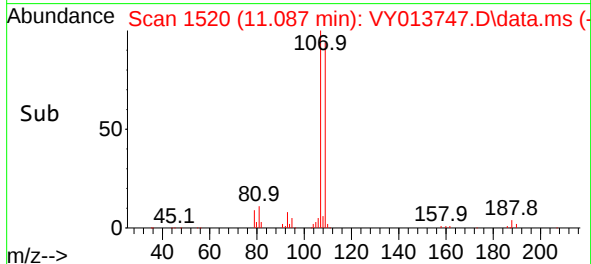
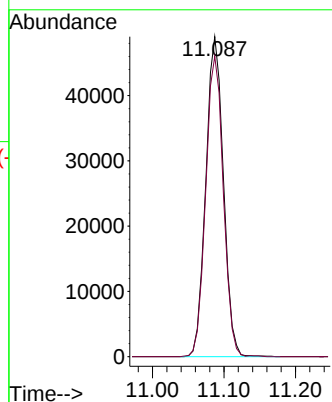
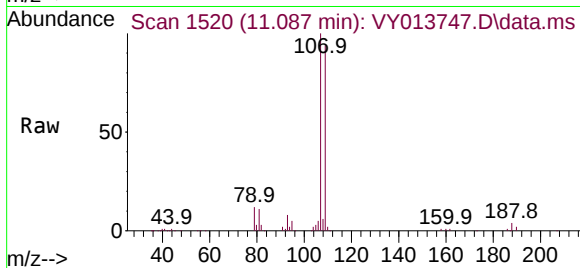
CB-14-G1-SO-14-050923MSD

Tgt Ion:107 Resp: 83750

Ion Ratio Lower Upper

107 100

109 94.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 58.263 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

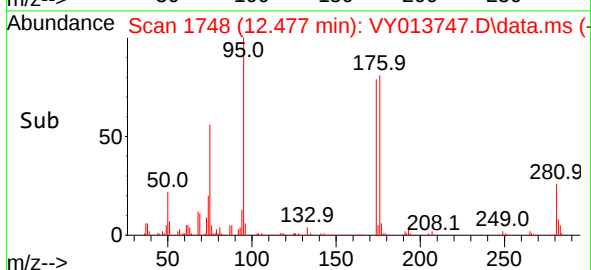
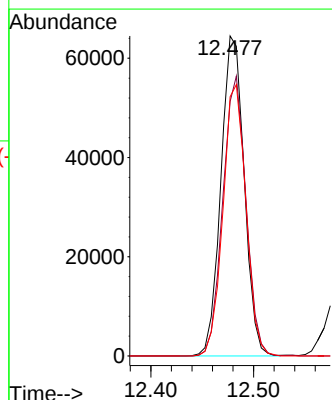
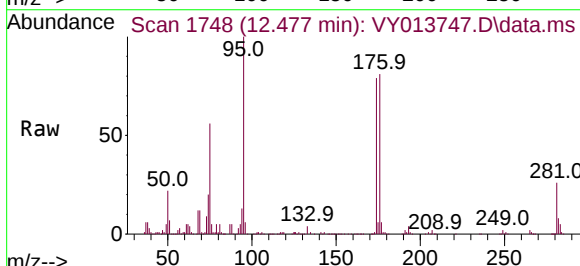
Tgt Ion: 95 Resp: 101193

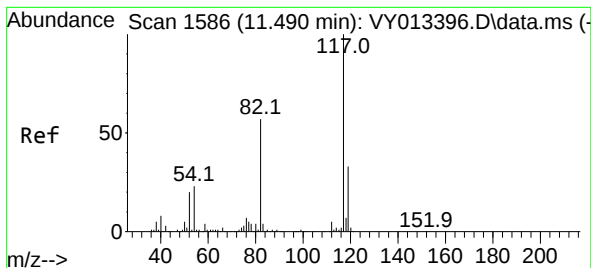
Ion Ratio Lower Upper

95 100

174 87.0 0.0 182.0

176 83.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MSD

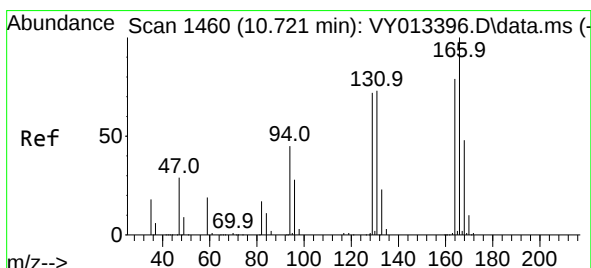
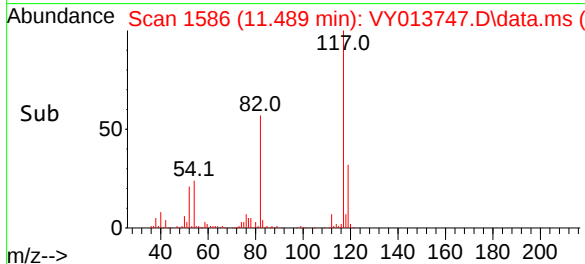
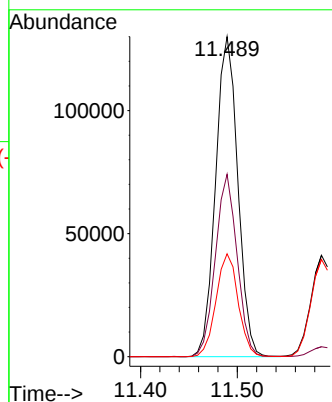
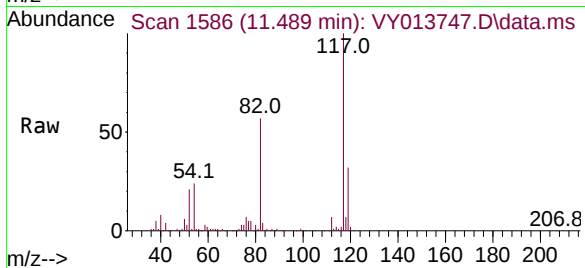
Tgt Ion:117 Resp: 207053

Ion Ratio Lower Upper

117 100

82 57.0 43.0 64.6

119 32.1 25.5 38.3



#64

Tetrachloroethene

Concen: 52.301 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Tgt Ion:164 Resp: 82345

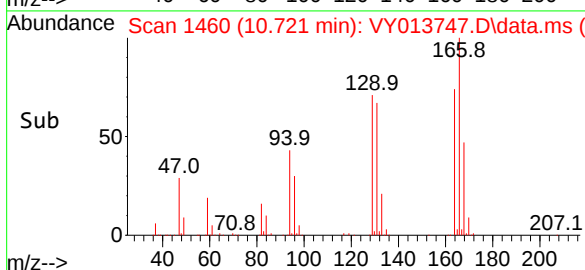
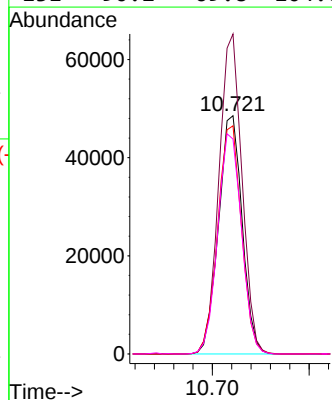
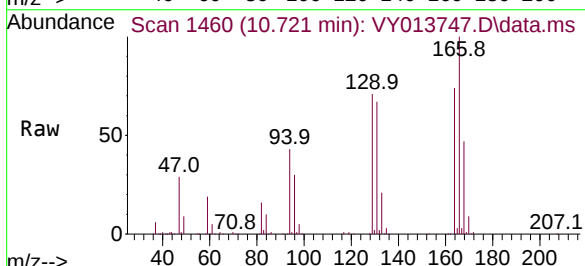
Ion Ratio Lower Upper

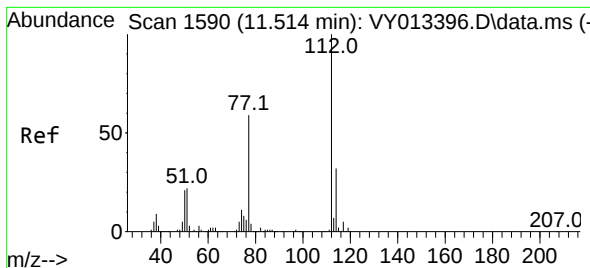
164 100

166 134.3 97.5 146.3

129 95.7 72.6 109.0

131 90.2 69.8 104.6





#65

Chlorobenzene

Concen: 55.443 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

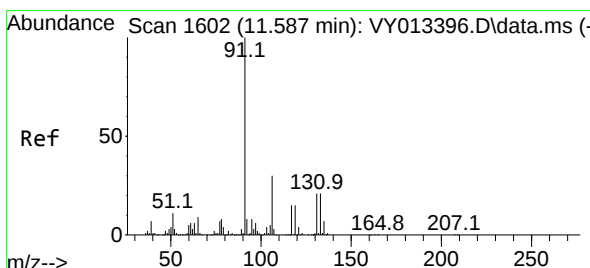
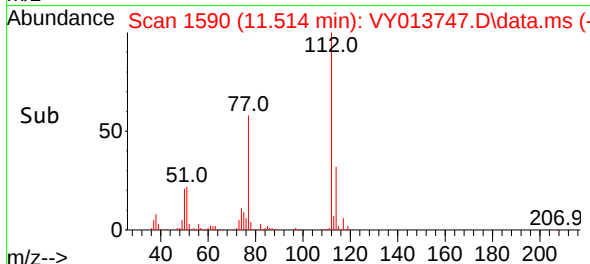
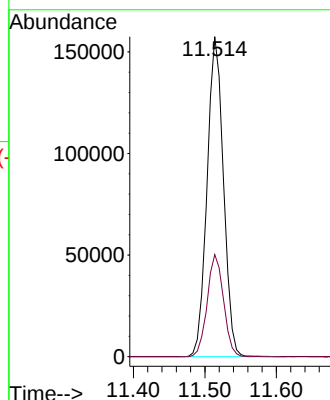
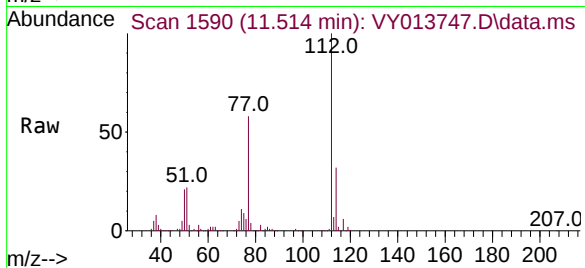
CB-14-G1-SO-14-050923MSD

Tgt Ion:112 Resp: 250070

Ion Ratio Lower Upper

112 100

114 31.9 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 58.367 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

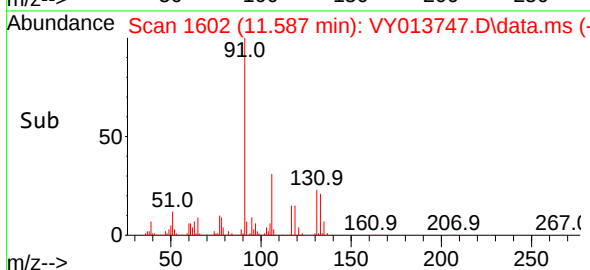
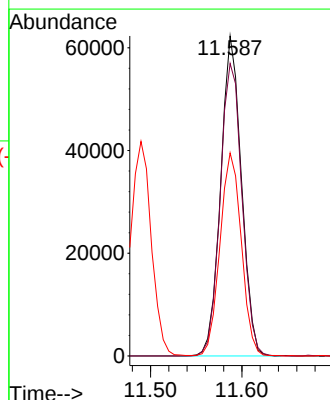
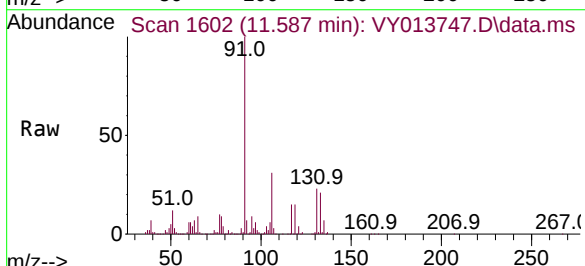
Tgt Ion:131 Resp: 98457

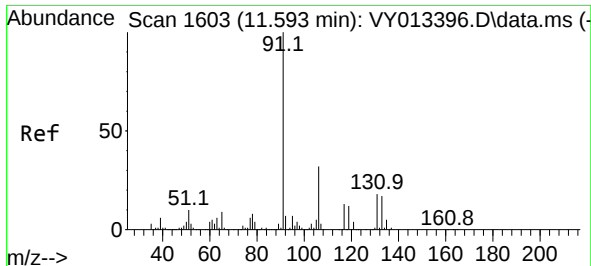
Ion Ratio Lower Upper

131 100

133 95.6 47.7 143.1

119 65.2 32.6 98.0





#67

Ethyl Benzene

Concen: 56.716 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

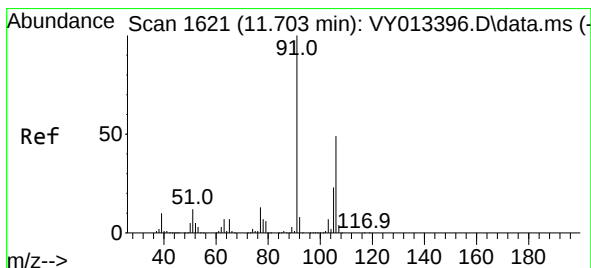
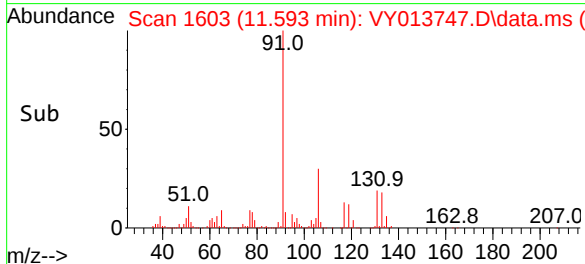
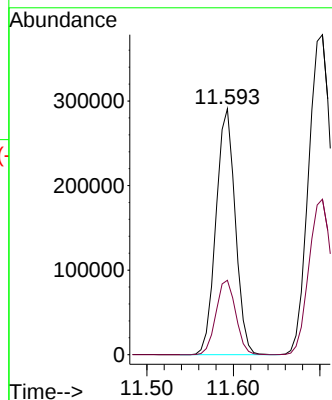
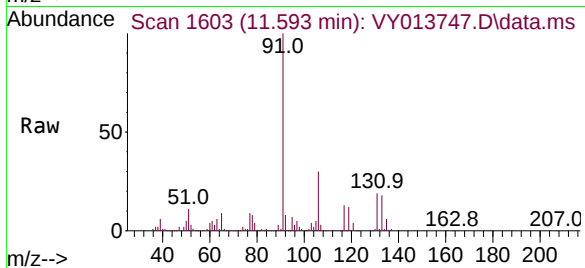
CB-14-G1-SO-14-050923MSD

Tgt Ion: 91 Resp: 449203

Ion Ratio Lower Upper

91 100

106 30.3 25.1 37.7



#68

m/p-Xylenes

Concen: 112.629 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013747.D

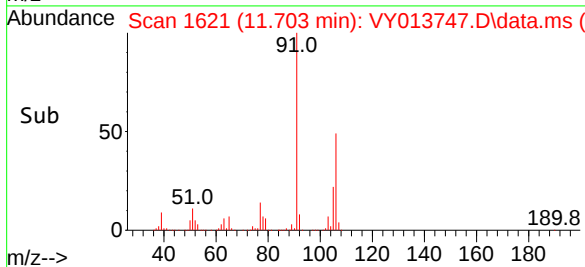
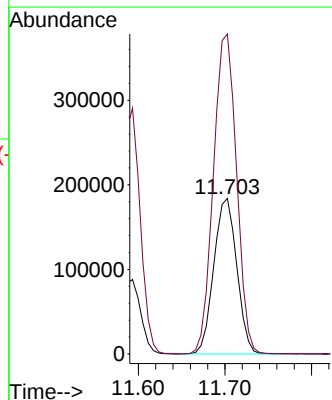
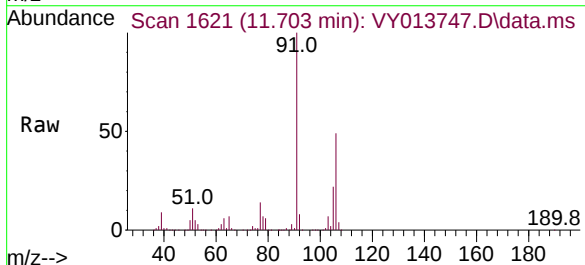
Acq: 15 May 2023 19:33

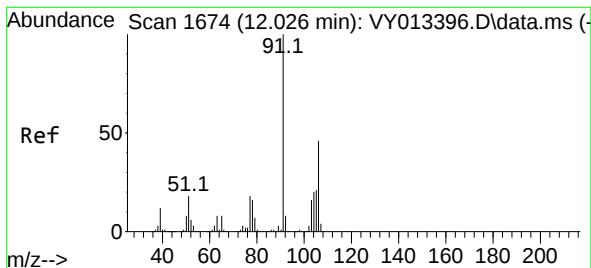
Tgt Ion:106 Resp: 339118

Ion Ratio Lower Upper

106 100

91 207.0 160.9 241.3





#69

o-Xylene

Concen: 56.822 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

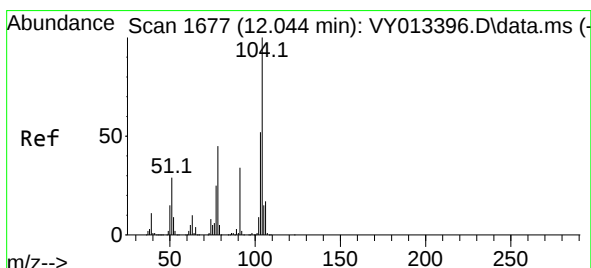
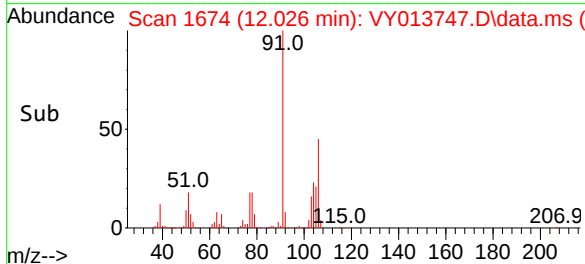
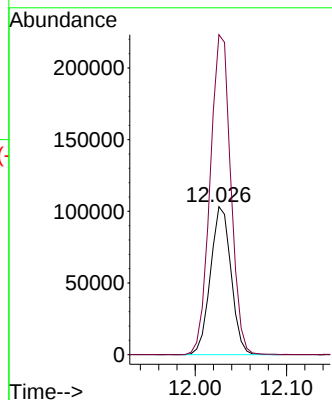
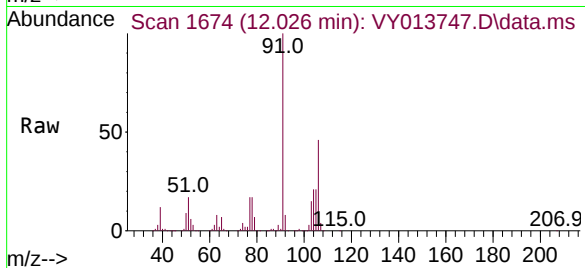
CB-14-G1-SO-14-050923MSD

Tgt Ion:106 Resp: 161805

Ion Ratio Lower Upper

106 100

91 217.5 105.5 316.4



#70

Styrene

Concen: 58.614 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

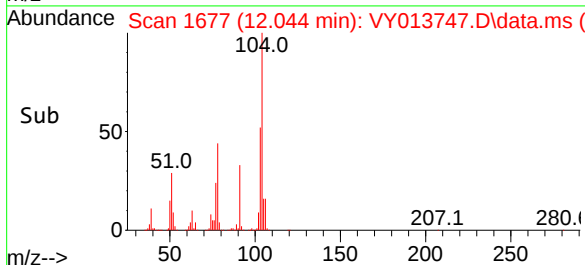
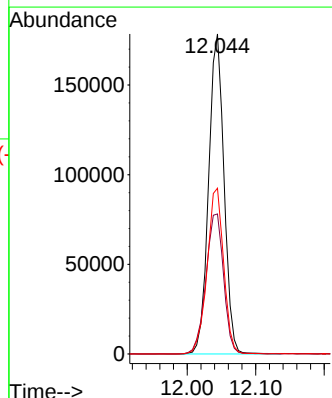
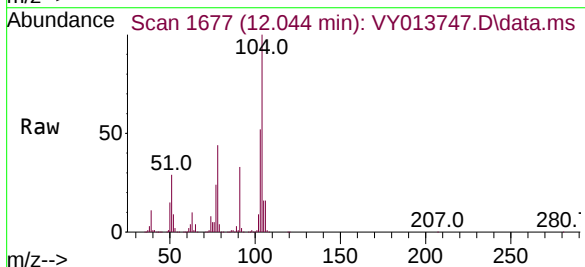
Tgt Ion:104 Resp: 279076

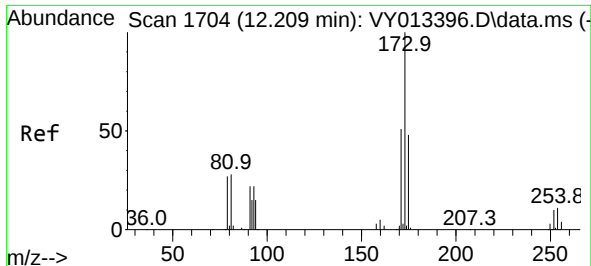
Ion Ratio Lower Upper

104 100

78 50.5 40.3 60.5

103 55.7 45.0 67.4

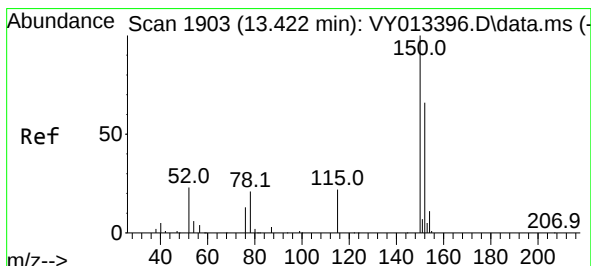
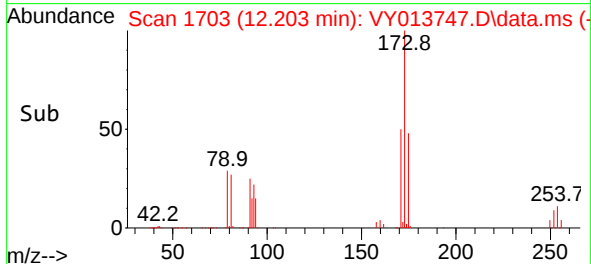
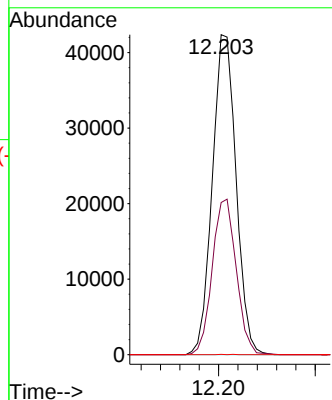
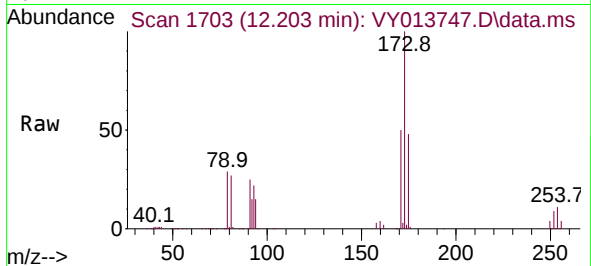




#71
Bromoform
Concen: 61.137 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

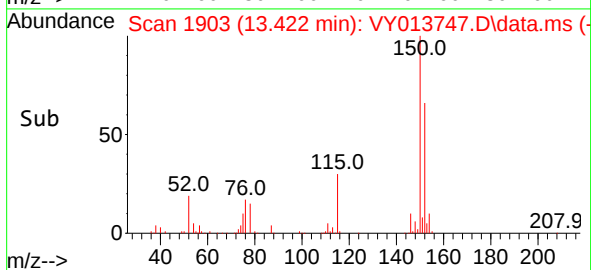
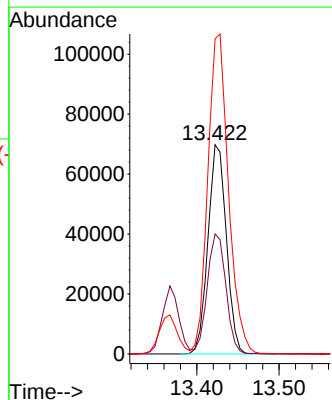
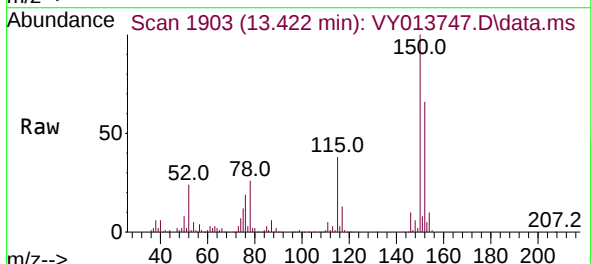
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

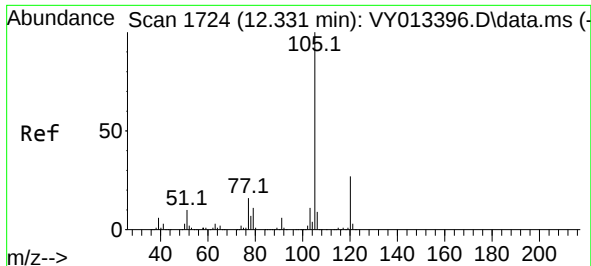
Tgt Ion:173 Resp: 72238
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion:152 Resp: 108630
Ion Ratio Lower Upper
152 100
115 58.5 28.1 84.2
150 171.6 0.0 352.0

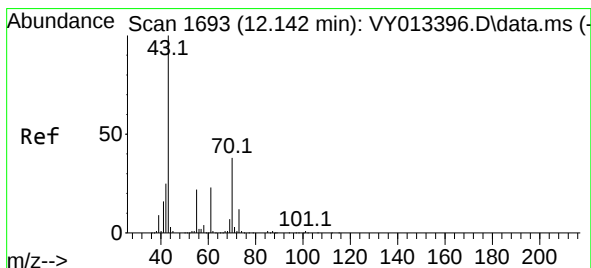
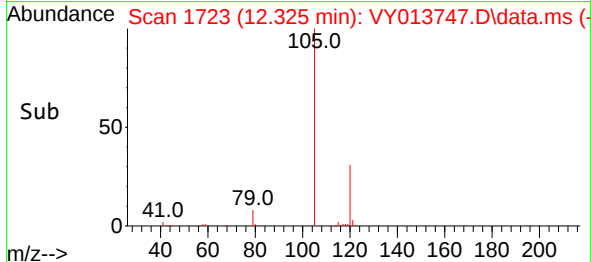
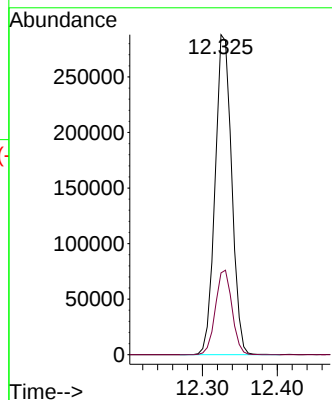
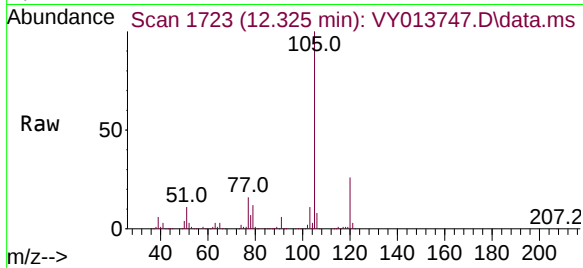




#73
Isopropylbenzene
Concen: 53.857 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

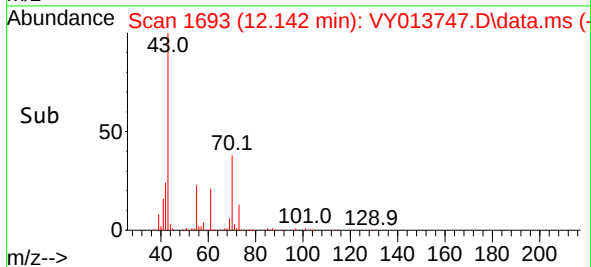
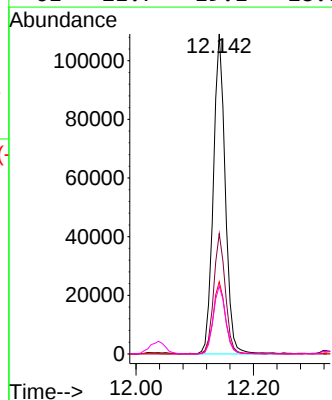
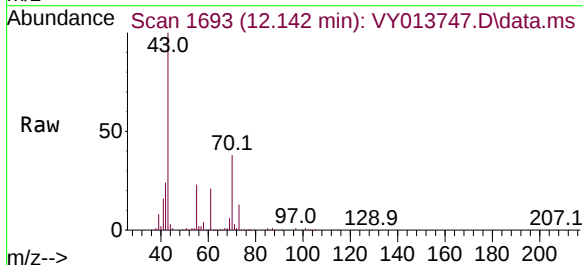
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

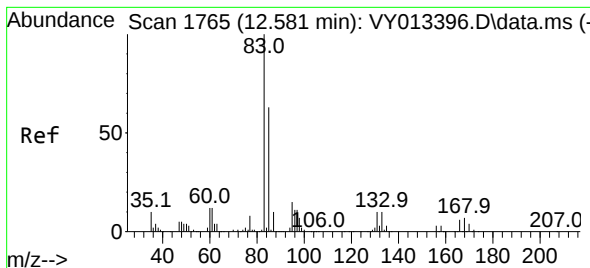
Tgt Ion:105 Resp: 442511
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0



#74
N-ethyl acetate
Concen: 52.772 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 43 Resp: 154298
Ion Ratio Lower Upper
43 100
70 36.5 33.0 49.4
55 23.2 19.8 29.6
61 21.7 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 56.158 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MSD

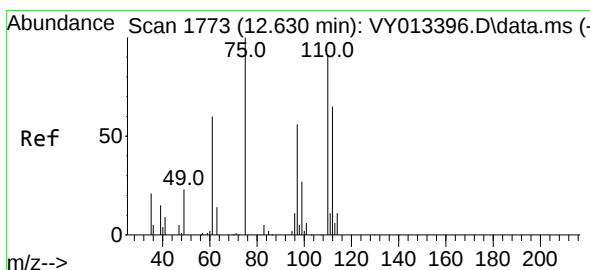
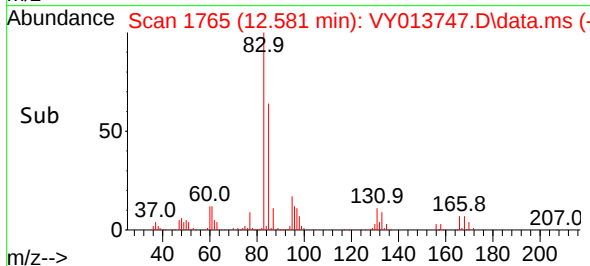
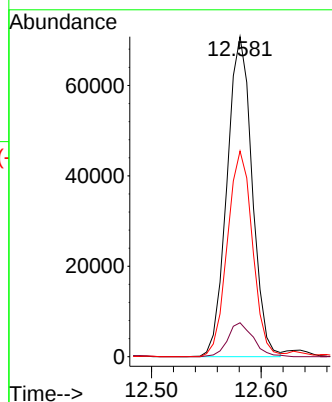
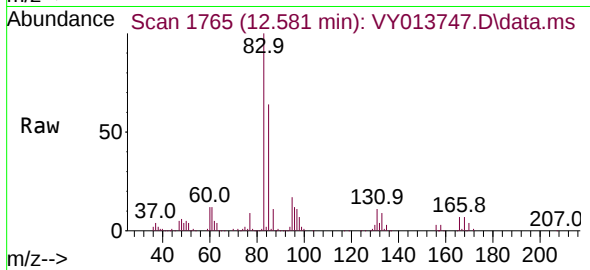
Tgt Ion: 83 Resp: 112783

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 98.962 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013747.D

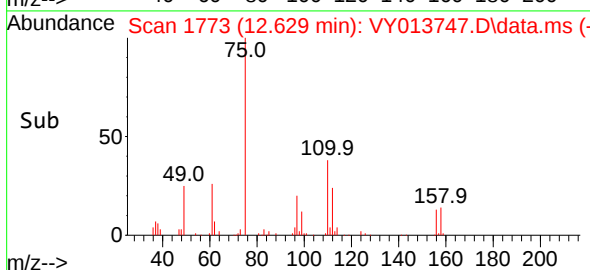
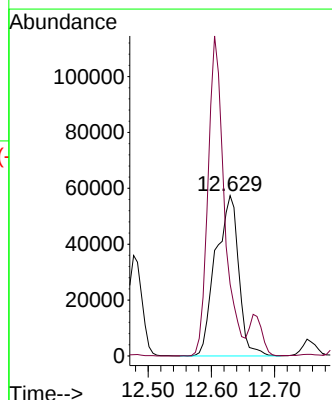
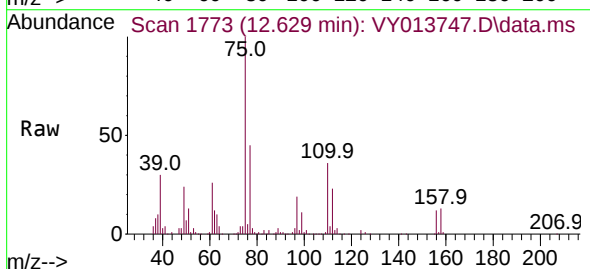
Acq: 15 May 2023 19:33

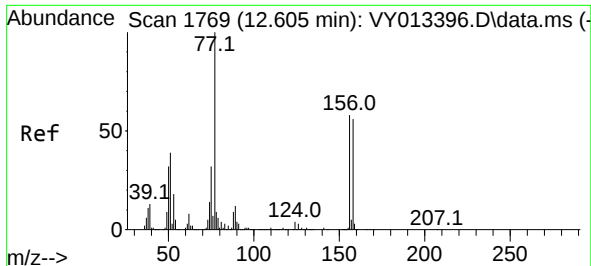
Tgt Ion: 75 Resp: 144980

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

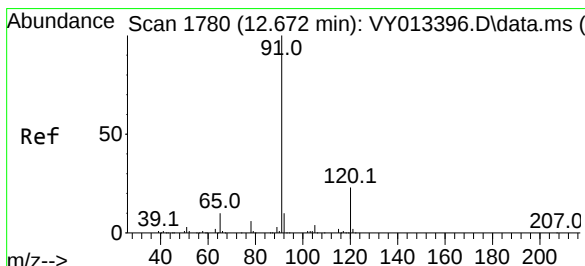
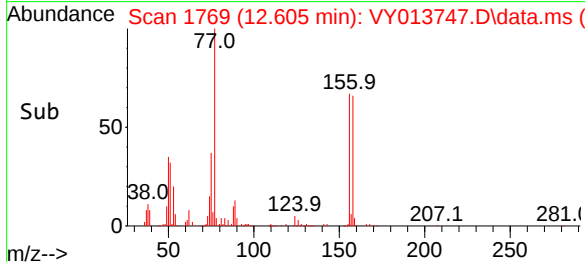
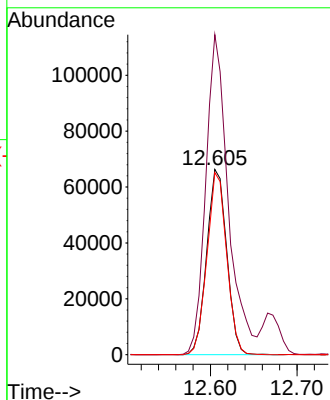
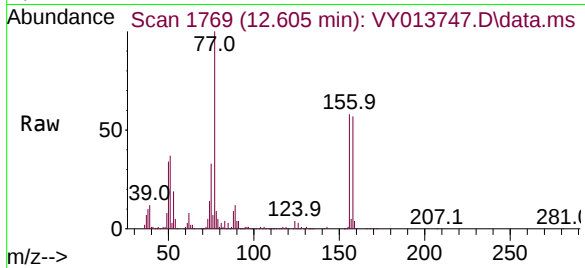




#77
Bromobenzene
Concen: 53.418 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

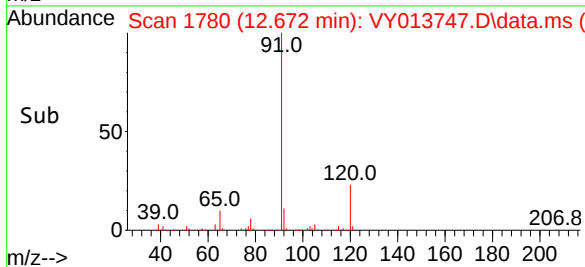
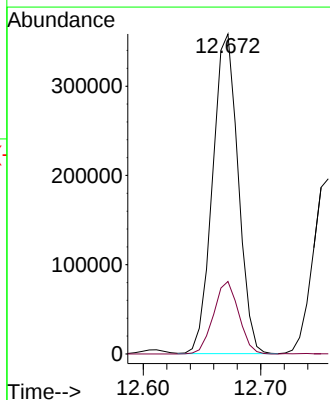
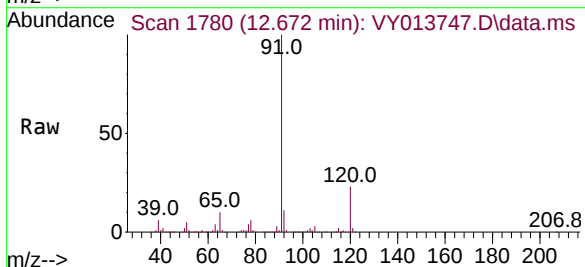
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

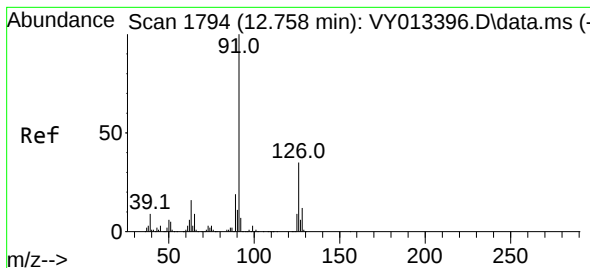
Tgt Ion:156 Resp: 106347
Ion Ratio Lower Upper
156 100
77 194.6 87.6 262.9
158 96.9 48.5 145.5



#78
n-propylbenzene
Concen: 53.516 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 91 Resp: 541604
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.9





#79

2-Chlorotoluene

Concen: 53.764 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

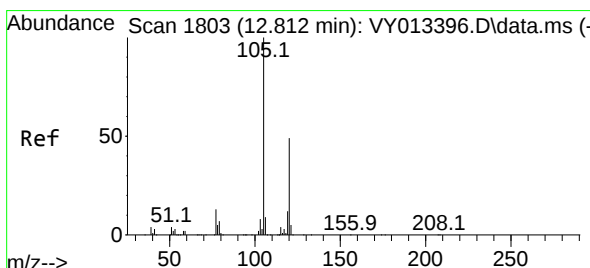
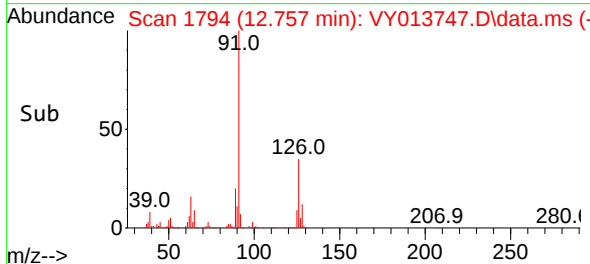
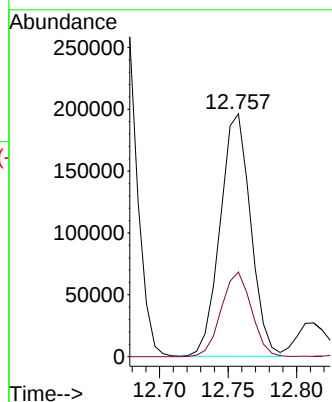
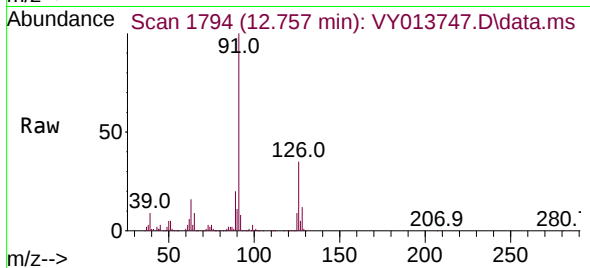
CB-14-G1-SO-14-050923MSD

Tgt Ion: 91 Resp: 303848

Ion Ratio Lower Upper

91 100

126 34.6 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 54.069 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013747.D

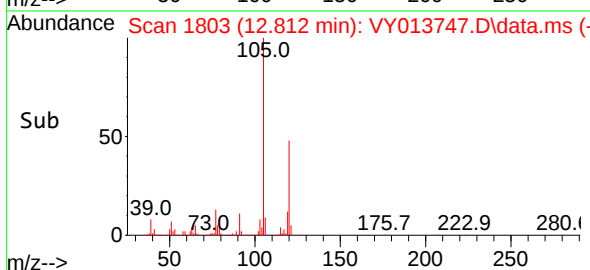
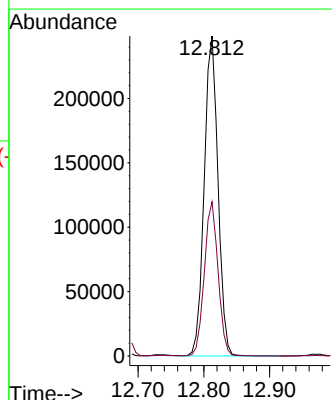
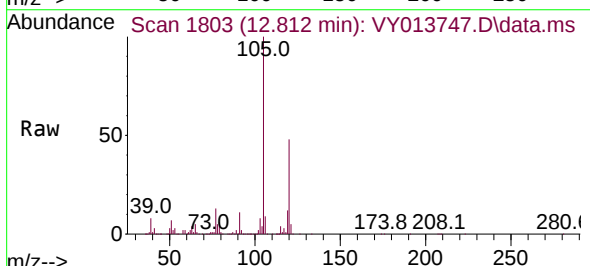
Acq: 15 May 2023 19:33

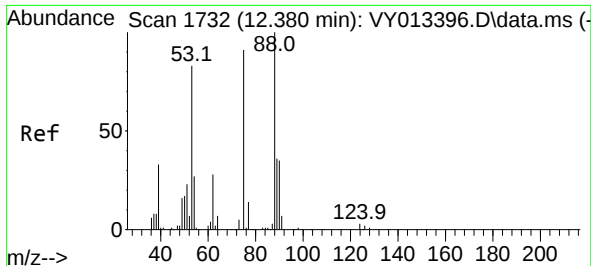
Tgt Ion:105 Resp: 362593

Ion Ratio Lower Upper

105 100

120 48.1 24.7 74.1

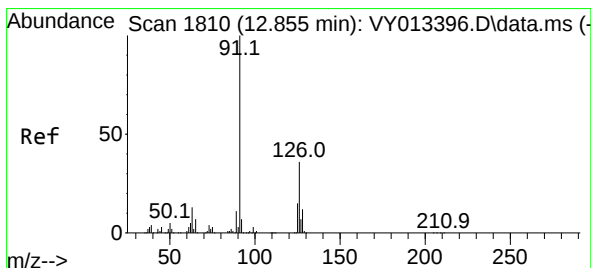
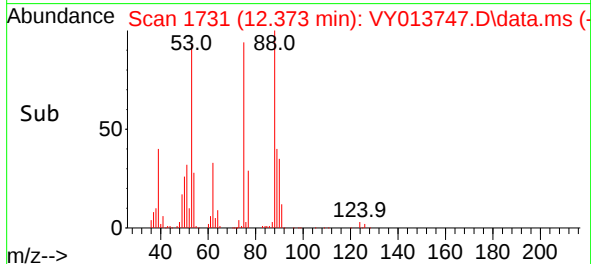
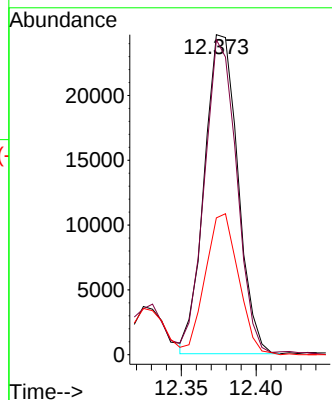
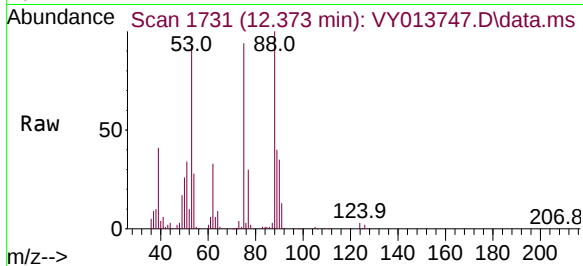




#81
trans-1,4-Dichloro-2-butene
Concen: 53.591 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

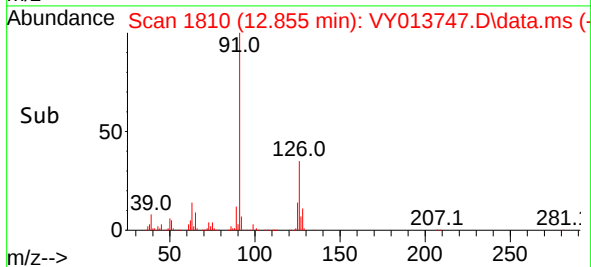
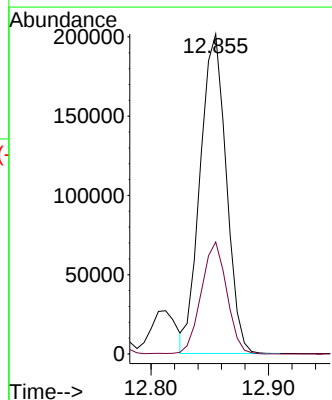
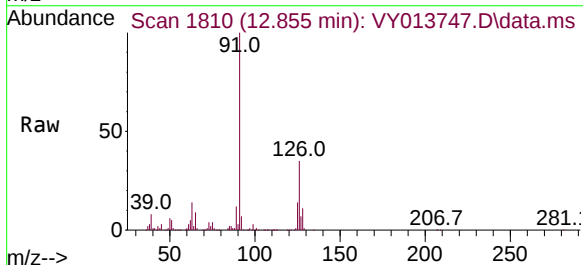
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

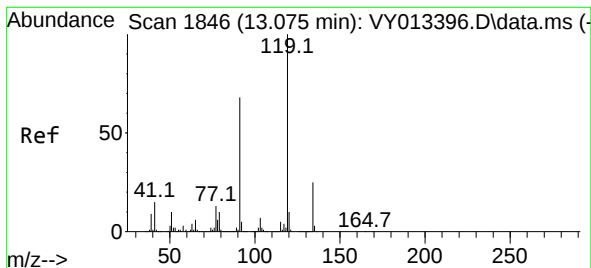
Tgt Ion: 75 Resp: 38381
Ion Ratio Lower Upper
75 100
53 96.1 73.2 109.8
89 43.9 38.0 57.0



#82
4-Chlorotoluene
Concen: 52.674 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 91 Resp: 310277
Ion Ratio Lower Upper
91 100
126 34.4 17.9 53.8





#83

tert-Butylbenzene

Concen: 55.670 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MSD

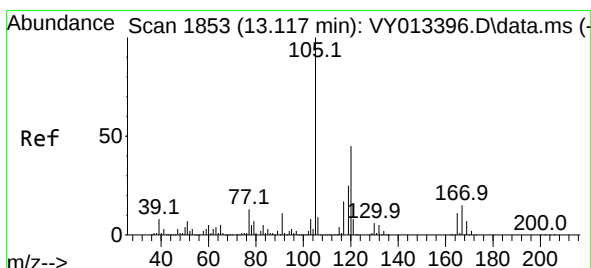
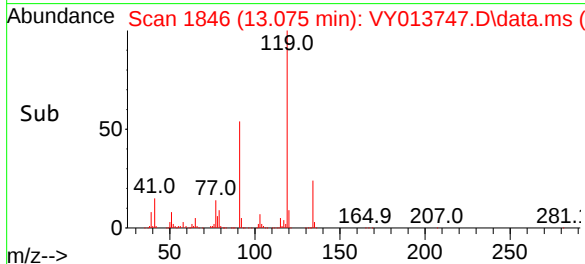
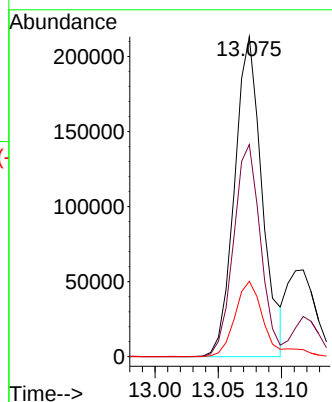
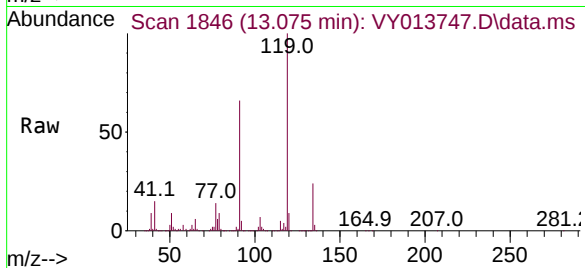
Tgt Ion:119 Resp: 323443

Ion Ratio Lower Upper

119 100

91 64.9 32.2 96.6

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 54.689 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013747.D

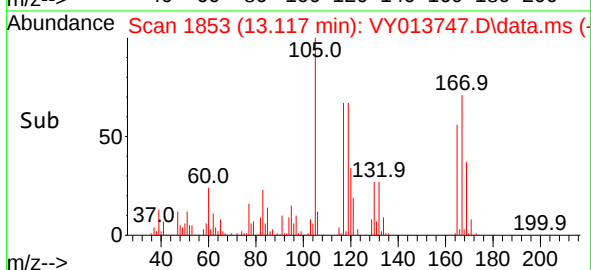
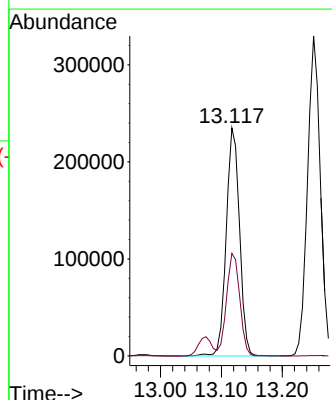
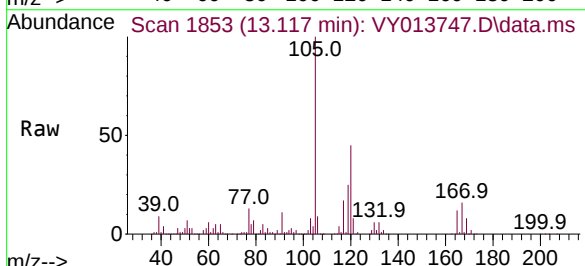
Acq: 15 May 2023 19:33

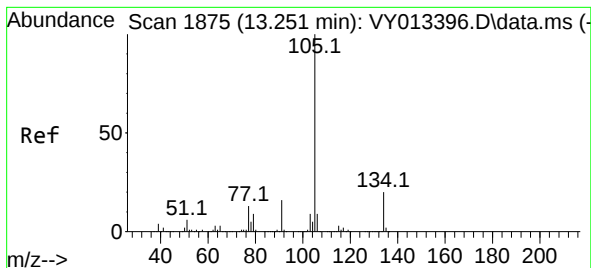
Tgt Ion:105 Resp: 356574

Ion Ratio Lower Upper

105 100

120 44.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 55.193 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

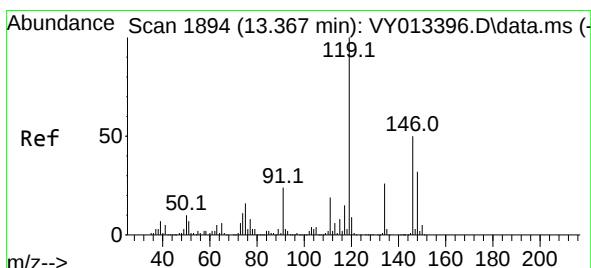
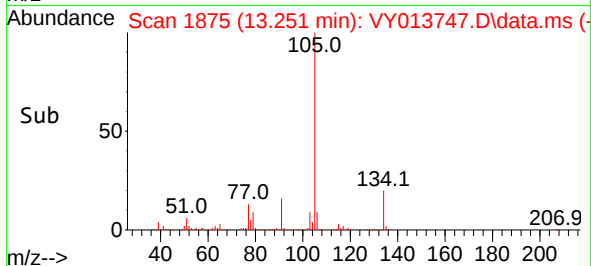
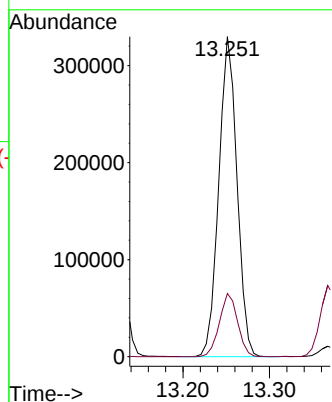
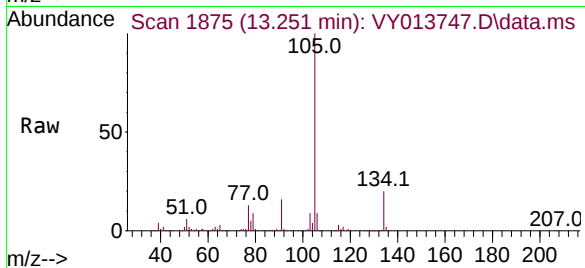
CB-14-G1-SO-14-050923MSD

Tgt Ion:105 Resp: 481270

Ion Ratio Lower Upper

105 100

134 19.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 55.341 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

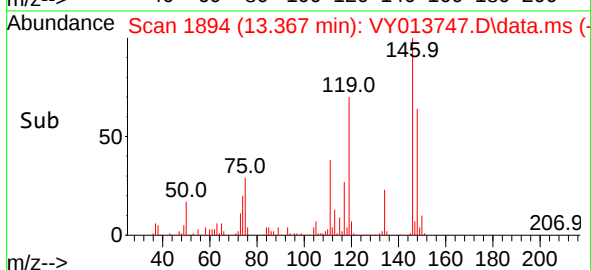
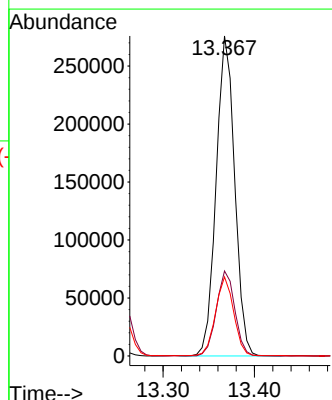
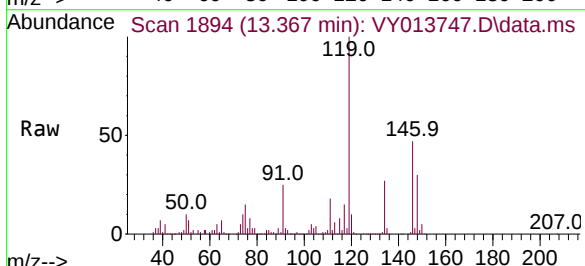
Tgt Ion:119 Resp: 388065

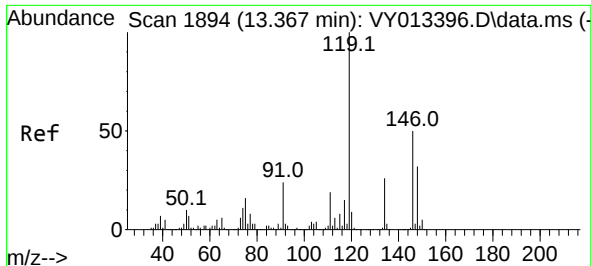
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 24.1 12.1 36.3

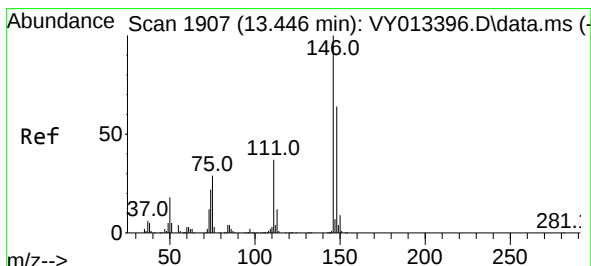
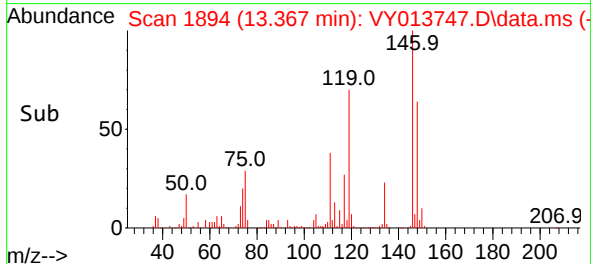
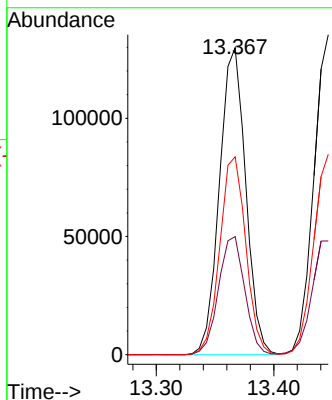
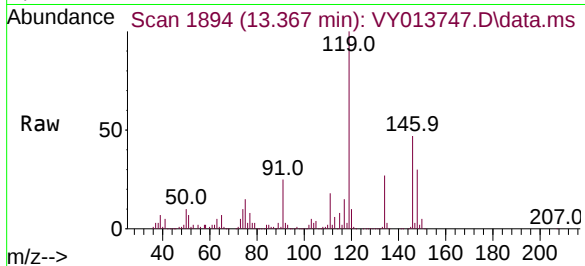




#87
1,3-Dichlorobenzene
Concen: 53.176 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

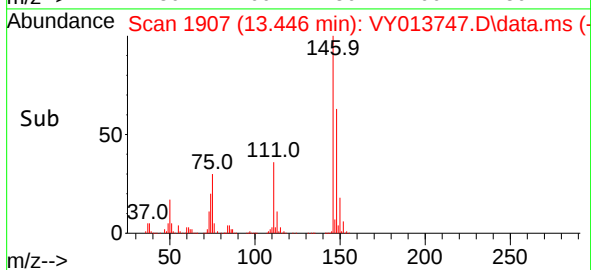
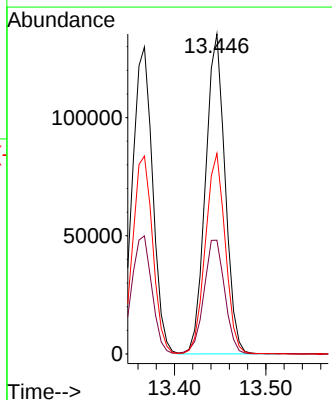
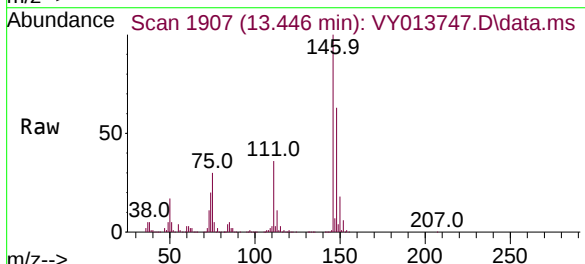
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

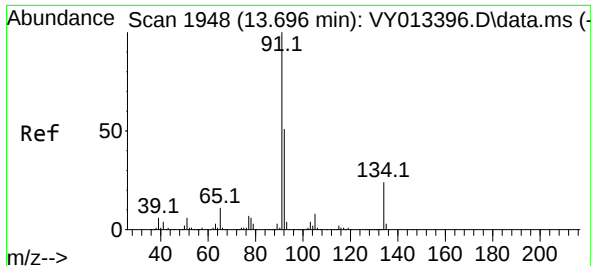
Tgt Ion:146 Resp: 201693
Ion Ratio Lower Upper
146 100
111 38.5 19.3 57.9
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 52.334 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion:146 Resp: 200515
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.5
148 63.8 31.9 95.5

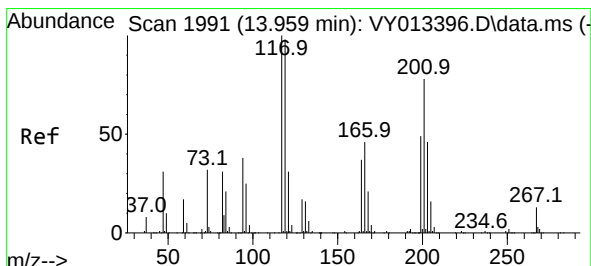
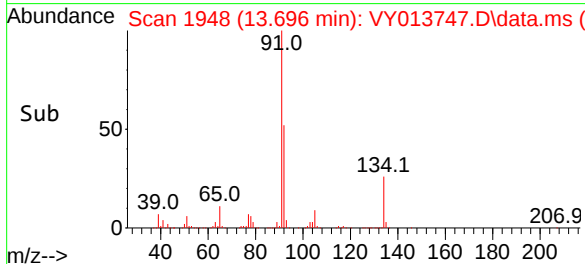
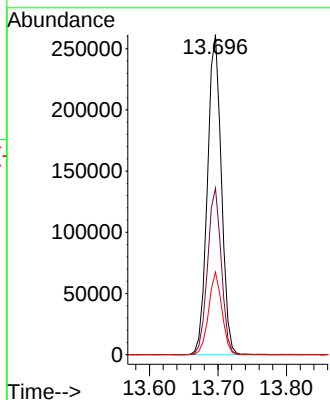
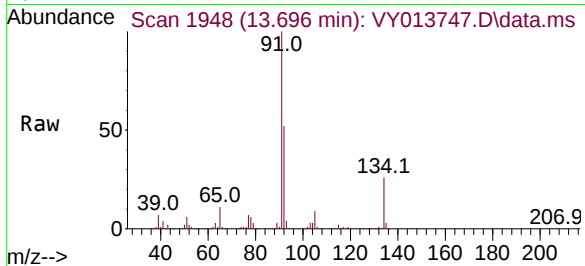




#89
n-Butylbenzene
Concen: 54.084 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

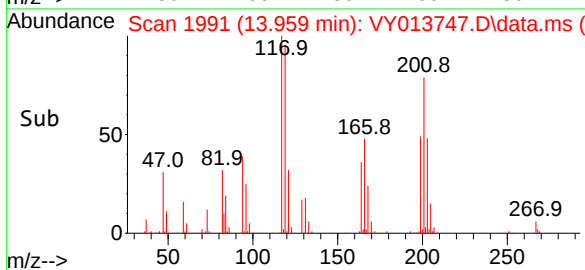
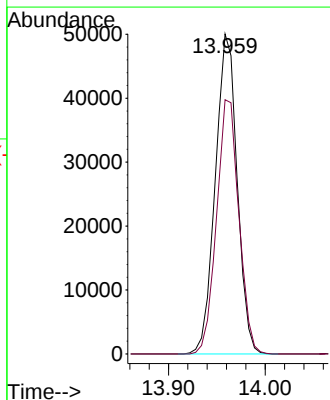
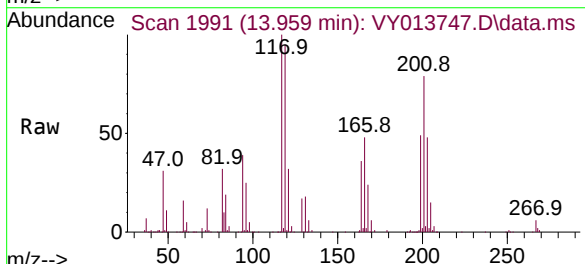
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MSD

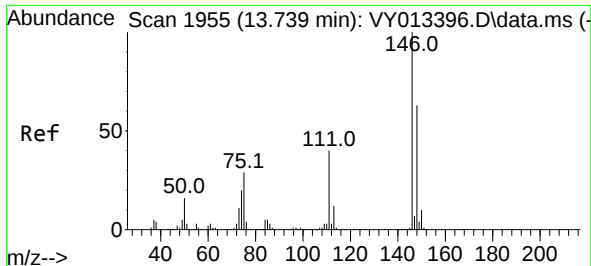
Tgt Ion: 91 Resp: 370150
Ion Ratio Lower Upper
91 100
92 51.3 25.8 77.3
134 24.7 13.5 40.4



#90
Hexachloroethane
Concen: 53.086 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY013747.D
Acq: 15 May 2023 19:33

Tgt Ion: 117 Resp: 78345
Ion Ratio Lower Upper
117 100
201 81.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 54.063 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MSD

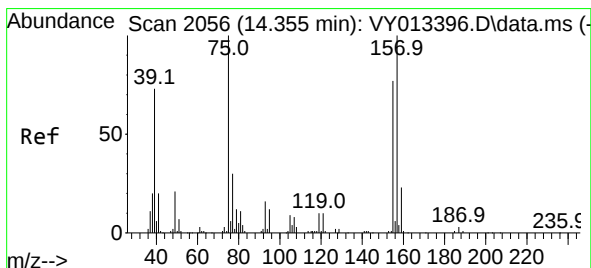
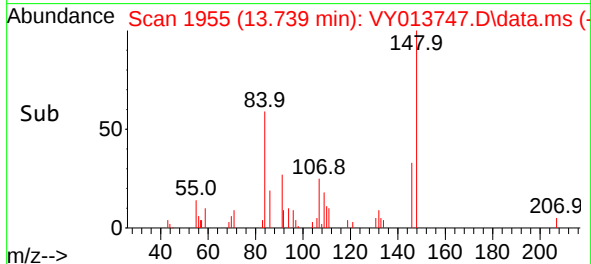
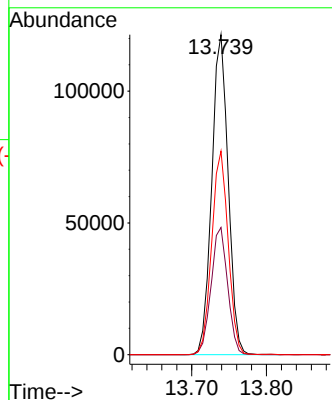
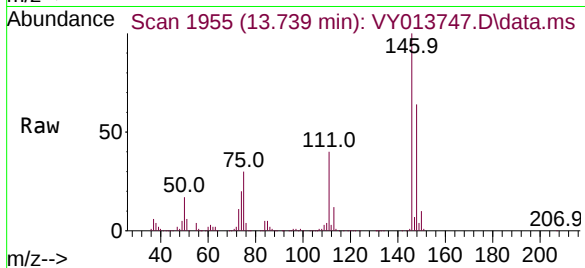
Tgt Ion:146 Resp: 185174

Ion Ratio Lower Upper

146 100

111 40.2 19.8 59.4

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.546 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

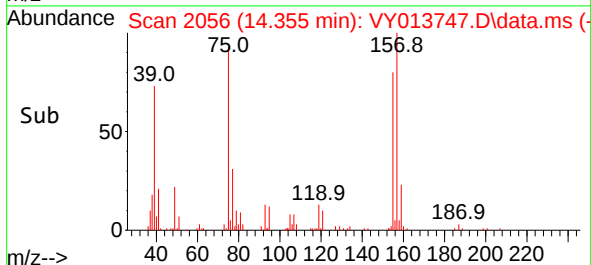
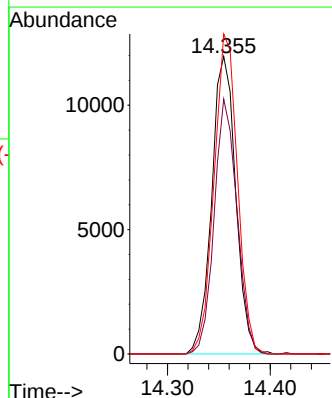
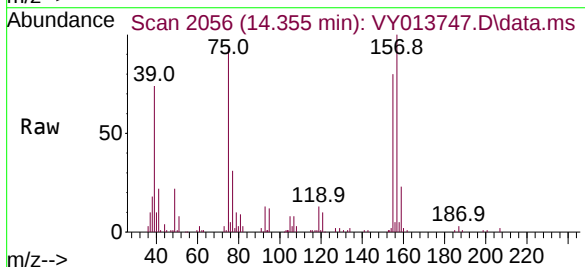
Tgt Ion: 75 Resp: 19347

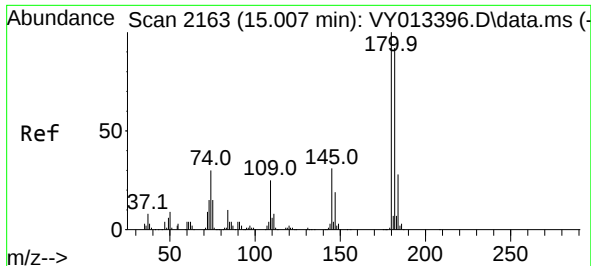
Ion Ratio Lower Upper

75 100

155 81.4 44.6 134.0

157 105.3 57.6 172.7

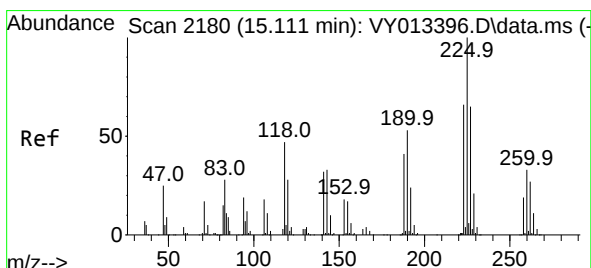
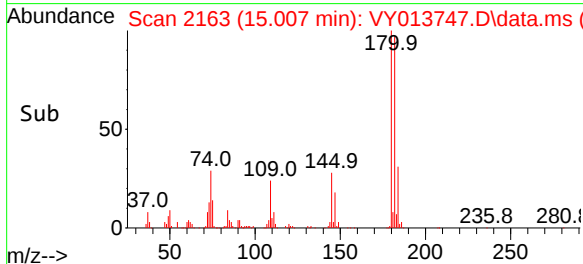
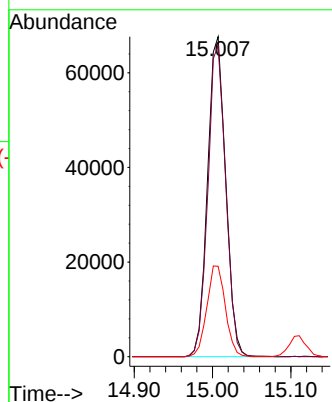
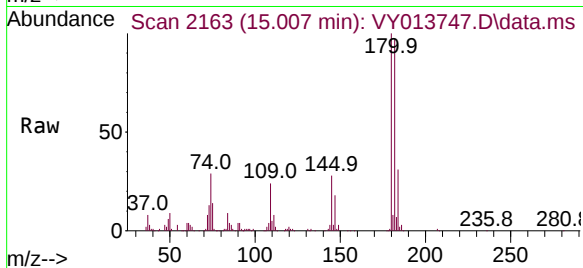




#93
 1,2,4-Trichlorobenzene
 Concen: 53.208 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY013747.D
 Acq: 15 May 2023 19:33

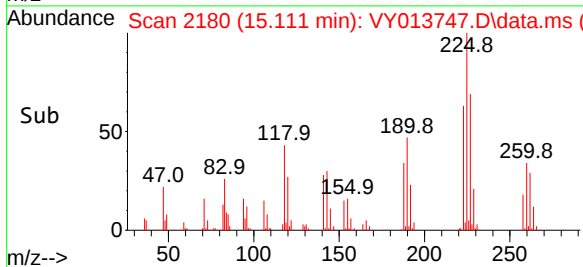
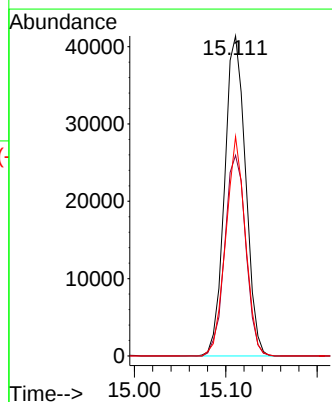
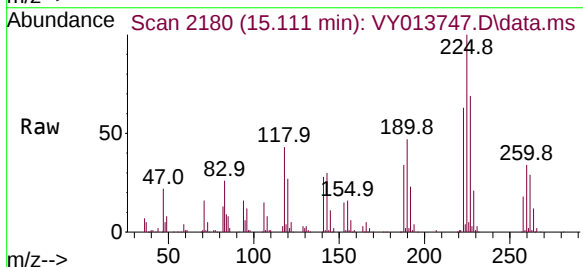
Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-SO-14-050923MSD

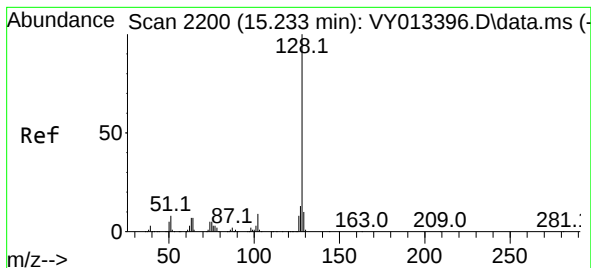
Tgt Ion:180 Resp: 108656
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.5 145.5
 145 29.0 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 55.492 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY013747.D
 Acq: 15 May 2023 19:33

Tgt Ion:225 Resp: 65950
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.2
 227 64.0 32.0 96.0





#95

Naphthalene

Concen: 55.860 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MSD

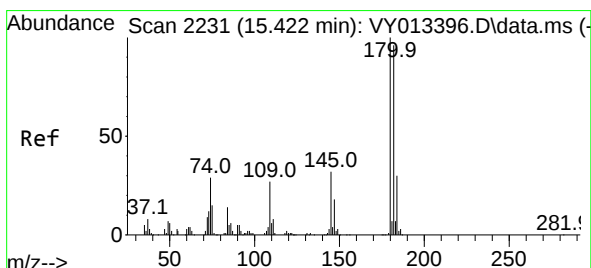
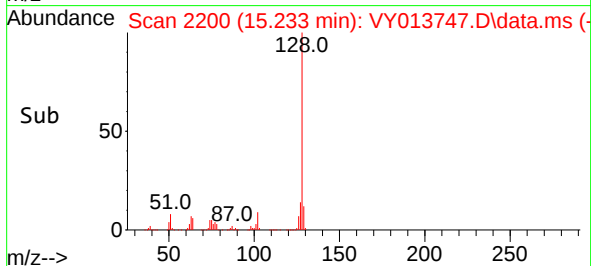
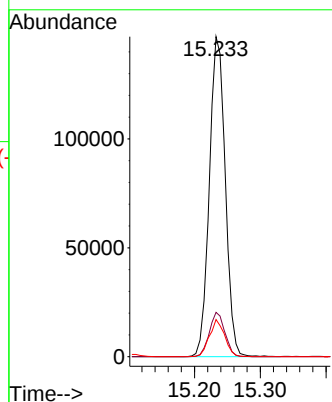
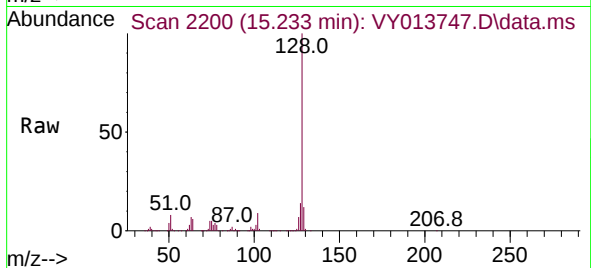
Tgt Ion:128 Resp: 247500

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 54.998 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013747.D

Acq: 15 May 2023 19:33

Tgt Ion:180 Resp: 100101

Ion Ratio Lower Upper

180 100

182 95.6 47.1 141.3

145 31.0 15.9 47.7

