

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013746.D
 Acq On : 15 May 2023 19:10
 Operator : KP/MD
 Sample : 02723-03MS
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: May 16 01:34:45 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	142258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100098	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	101262	64.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.860%	
35) Dibromofluoromethane	7.716	113	89545	66.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.000%	
50) Toluene-d8	10.179	98	291344	60.367	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 120.740%	
62) 4-Bromofluorobenzene	12.477	95	110738	68.061	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 136.120%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	69882	51.672	ug/l	97
3) Chloromethane	2.113	50	91894	50.691	ug/l	98
4) Vinyl Chloride	2.253	62	97423	53.973	ug/l	98
5) Bromomethane	2.649	94	72765	50.587	ug/l	99
6) Chloroethane	2.796	64	61916	49.653	ug/l	92
7) Trichlorofluoromethane	3.125	101	153448	56.117	ug/l	98
8) Diethyl Ether	3.527	74	49594	53.260	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	92059	60.021	ug/l	96
10) Methyl Iodide	4.094	142	78553	40.777	ug/l	99
11) Tert butyl alcohol	4.972	59	47279	269.119	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	77056	52.119	ug/l	91
13) Acrolein	3.735	56	13737	95.339	ug/l	95
14) Allyl chloride	4.478	41	148206	54.025	ug/l	96
15) Acrylonitrile	5.167	53	165876	318.083	ug/l	100
16) Acetone	3.954	43	154554	251.663	ug/l	96
17) Carbon Disulfide	4.192	76	218617	45.521	ug/l	100
18) Methyl Acetate	4.478	43	134206	66.165	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	238855	55.960	ug/l	99
20) Methylene Chloride	4.716	84	99280	51.913	ug/l #	79
21) trans-1,2-Dichloroethene	5.222	96	84513	52.281	ug/l	96
22) Diisopropyl ether	6.118	45	309940	57.803	ug/l	97
23) Vinyl Acetate	6.057	43	920997	303.366	ug/l	95
24) 1,1-Dichloroethane	6.015	63	169046	56.567	ug/l	99
25) 2-Butanone	6.990	43	213278	273.836	ug/l	91
26) 2,2-Dichloropropane	6.978	77	144396	56.074	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	105035	58.809	ug/l	95
28) Bromochloromethane	7.332	49	61431	57.928	ug/l #	77
29) Tetrahydrofuran	7.350	42	143766	296.535	ug/l	91
30) Chloroform	7.508	83	165910	55.839	ug/l	100
31) Cyclohexane	7.783	56	144882	51.890	ug/l	89
32) 1,1,1-Trichloroethane	7.703	97	150746	56.856	ug/l	97
36) 1,1-Dichloropropene	7.917	75	127085	56.442	ug/l	96
37) Ethyl Acetate	7.075	43	96814	57.138	ug/l	95
38) Carbon Tetrachloride	7.898	117	138461	58.672	ug/l	98
39) Methylcyclohexane	9.185	83	147102	55.418	ug/l	97
40) Benzene	8.161	78	351205	55.374	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	137156	173.708	ug/l	# 21
42) 1,2-Dichloroethane	8.234	62	121536	58.612	ug/l	98
43) Isopropyl Acetate	8.270	43	170287	59.542	ug/l	96
44) Trichloroethene	8.935	130	94214	55.844	ug/l	96
45) 1,2-Dichloropropane	9.215	63	95221	57.420	ug/l	100
46) Dibromomethane	9.307	93	57879	58.332	ug/l	93
47) Bromodichloromethane	9.496	83	130120	58.606	ug/l	99
48) Methyl methacrylate	9.288	41	82195	62.578	ug/l	91
49) 1,4-Dioxane	9.301	88	15686	1106.888	ug/l	# 85
51) 4-Methyl-2-Pentanone	10.069	43	491329	308.294	ug/l	95
52) Toluene	10.240	92	212071	55.564	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	135679	57.741	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	148028	55.985	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	79259	60.318	ug/l	96
56) Ethyl methacrylate	10.508	69	108921	59.748	ug/l	89
57) 1,3-Dichloropropane	10.788	76	133272	59.886	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	185233	270.968	ug/l	93
59) 2-Hexanone	10.831	43	337363	291.208	ug/l	96
60) Dibromochloromethane	10.983	129	95540	59.880	ug/l	99
61) 1,2-Dibromoethane	11.087	107	76129	58.928	ug/l	99
64) Tetrachloroethene	10.715	164	78530	52.866	ug/l	98
65) Chlorobenzene	11.514	112	226056	53.121	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	90838	57.076	ug/l	99
67) Ethyl Benzene	11.593	91	418304	55.978	ug/l	99
68) m/p-Xylenes	11.703	106	311913	109.800	ug/l	97
69) o-Xylene	12.026	106	149616	55.689	ug/l	97
70) Styrene	12.044	104	254468	56.648	ug/l	99
71) Bromoform	12.203	173	66397	59.560	ug/l	# 99
73) Isopropylbenzene	12.325	105	405049	53.500	ug/l	98
74) N-amyl acetate	12.142	43	140273	52.064	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	103381	55.864	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	133043	98.555	ug/l	# 100
77) Bromobenzene	12.605	156	97229	53.000	ug/l	90
78) n-propylbenzene	12.672	91	499989	53.615	ug/l	97
79) 2-Chlorotoluene	12.757	91	272255	52.280	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	329056	53.250	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	35498	53.790	ug/l	96
82) 4-Chlorotoluene	12.849	91	281970	51.949	ug/l	97
83) tert-Butylbenzene	13.074	119	299235	55.893	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	324924	54.083	ug/l	99
85) sec-Butylbenzene	13.251	105	439281	54.672	ug/l	99
86) p-Isopropyltoluene	13.367	119	358970	55.556	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	183093	52.387	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	183538	51.986	ug/l	100
89) n-Butylbenzene	13.696	91	341200	54.103	ug/l	98
90) Hexachloroethane	13.958	117	72119	53.032	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	169048	53.562	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17395	53.223	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	98495	52.344	ug/l	99
94) Hexachlorobutadiene	15.111	225	59799	54.605	ug/l	99
95) Naphthalene	15.233	128	219569	53.780	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	89554	53.397	ug/l	98

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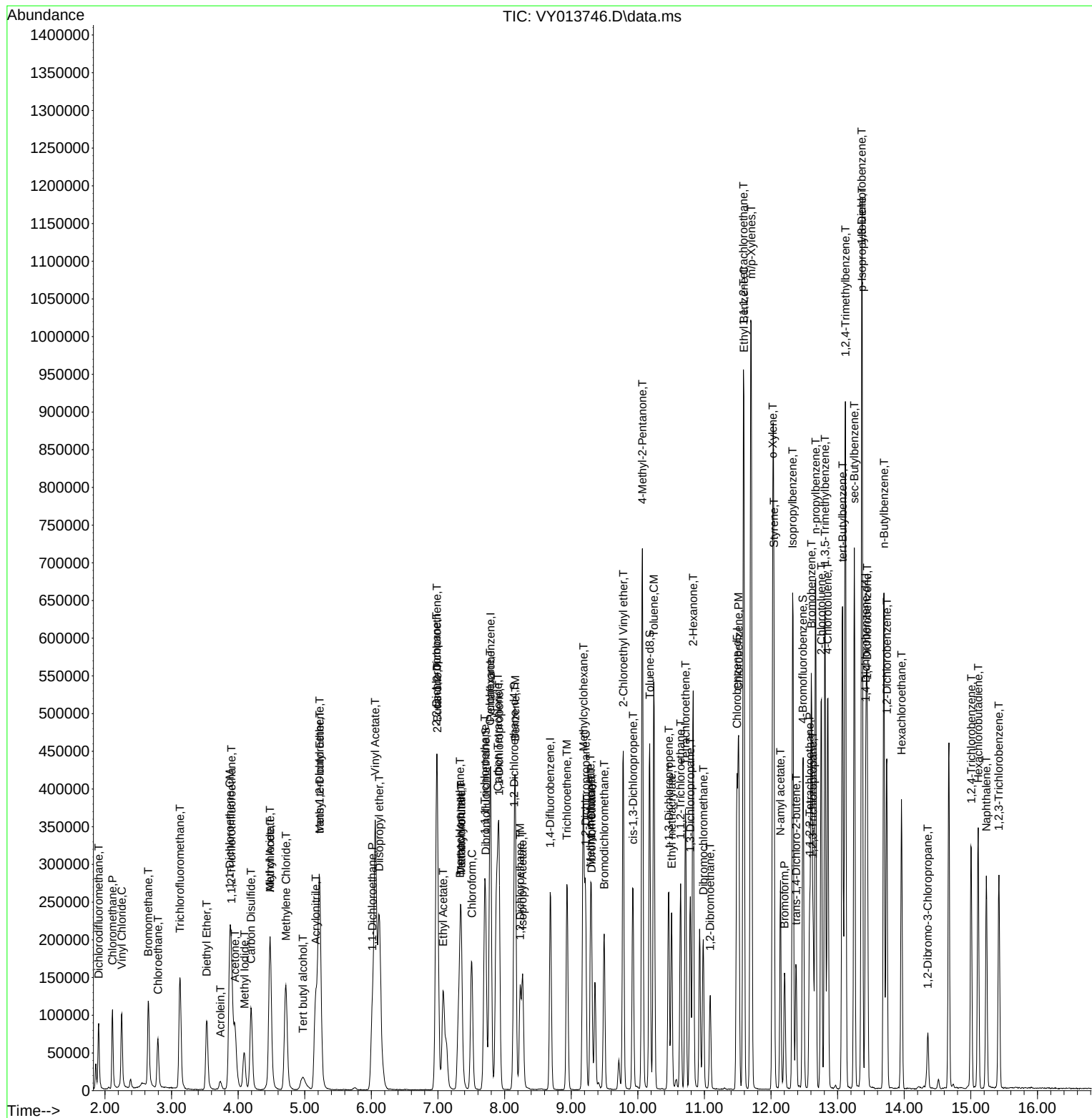
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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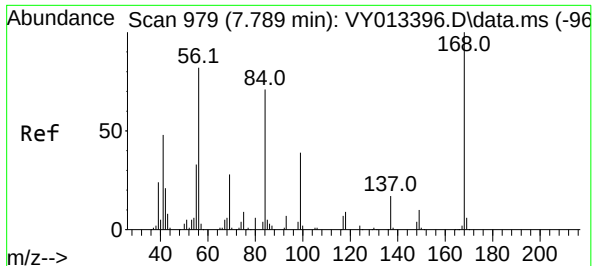
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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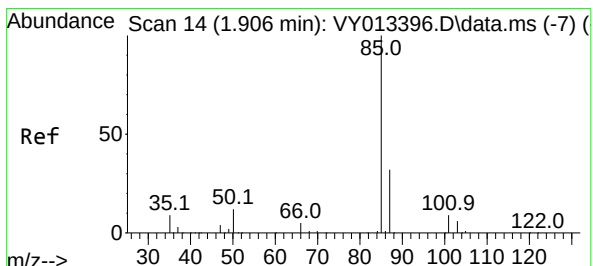
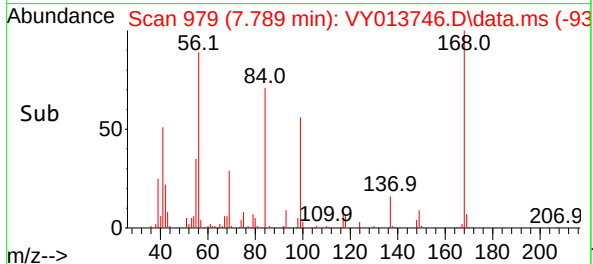
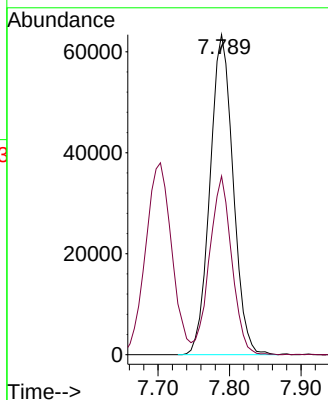
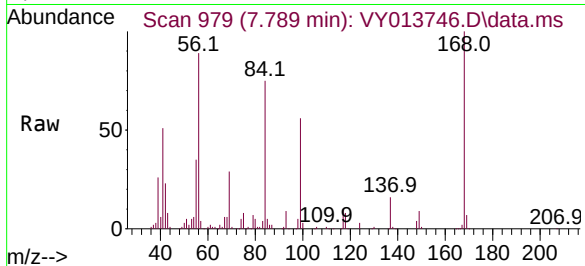




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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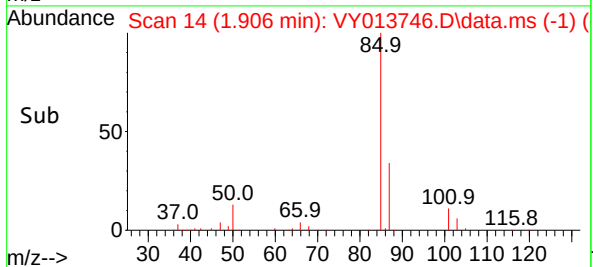
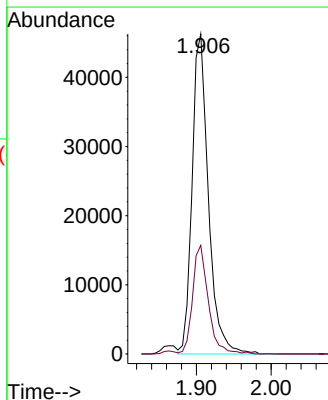
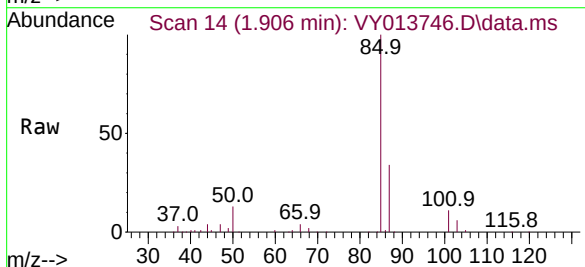
Instrument :
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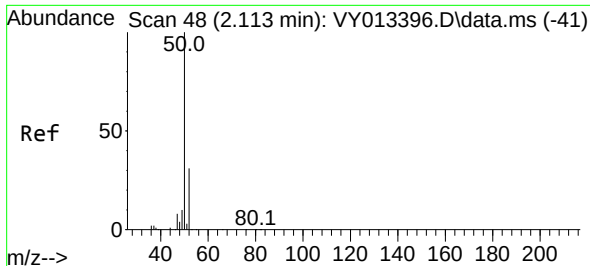
Tgt Ion:168 Resp: 142258
Ion Ratio Lower Upper
168 100
99 55.8 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 51.672 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 85 Resp: 69882
Ion Ratio Lower Upper
85 100
87 33.9 16.1 48.2

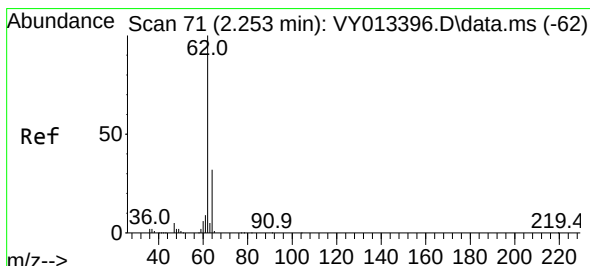
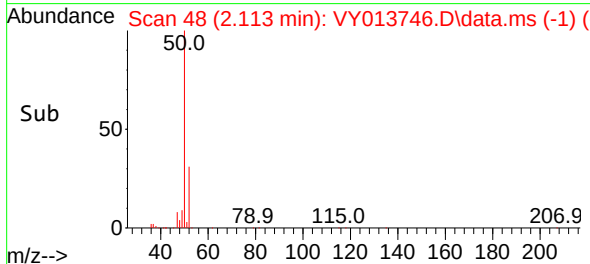
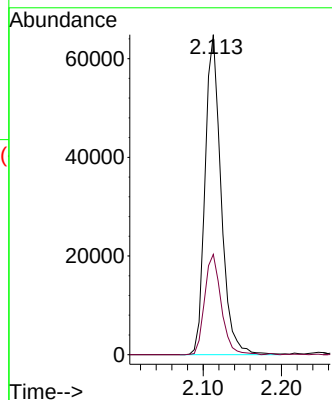
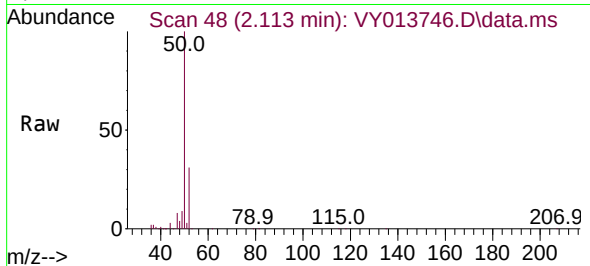




#3
Chloromethane
Concen: 50.691 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

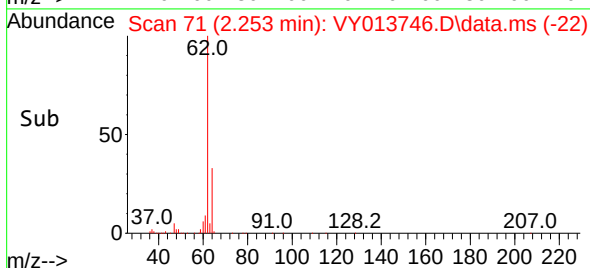
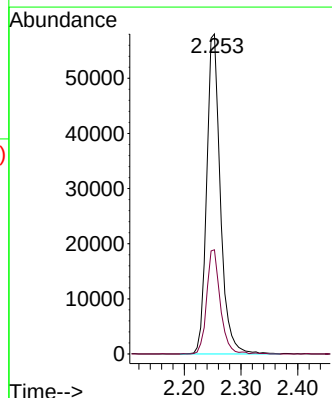
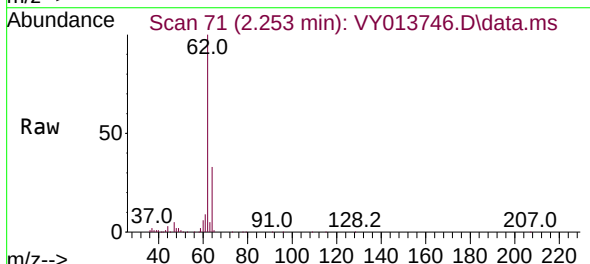
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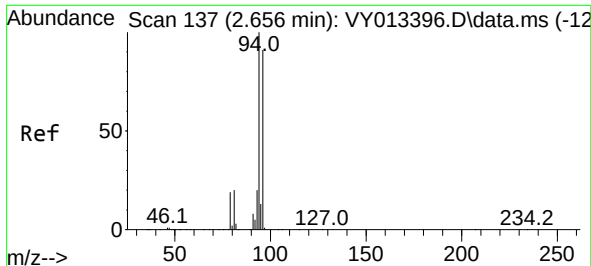
Tgt Ion: 50 Resp: 91894
Ion Ratio Lower Upper
50 100
52 31.4 25.9 38.9



#4
Vinyl Chloride
Concen: 53.973 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 62 Resp: 97423
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0

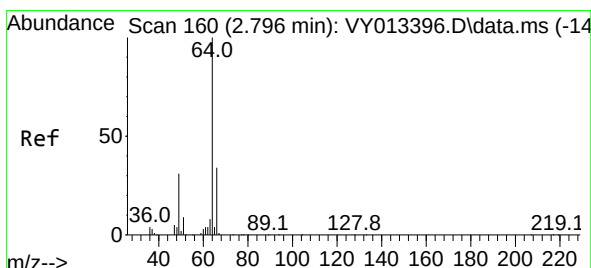
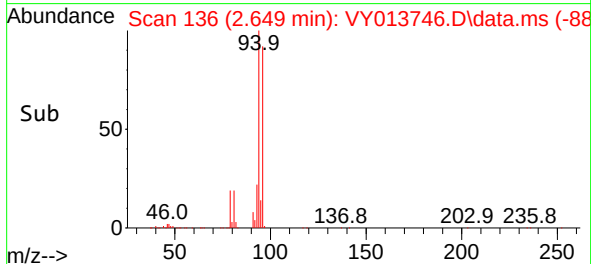
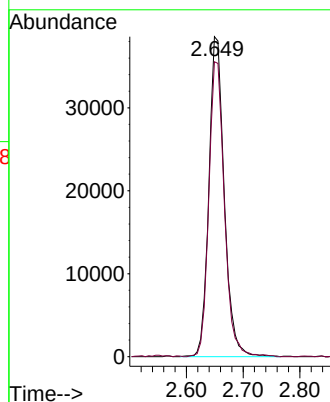
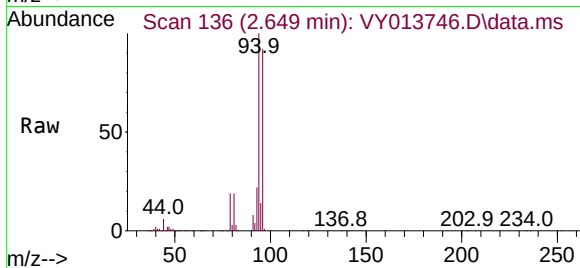




#5
Bromomethane
Concen: 50.587 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY013746.D
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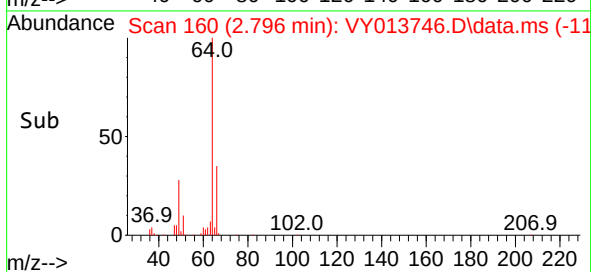
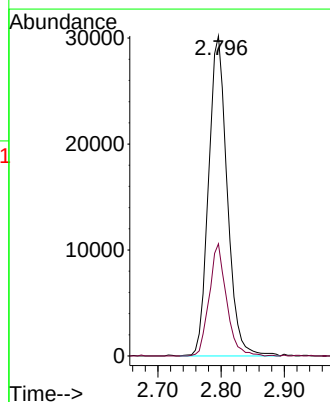
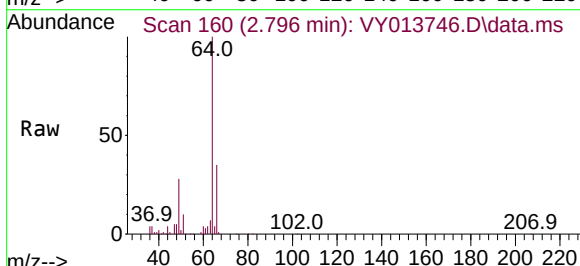
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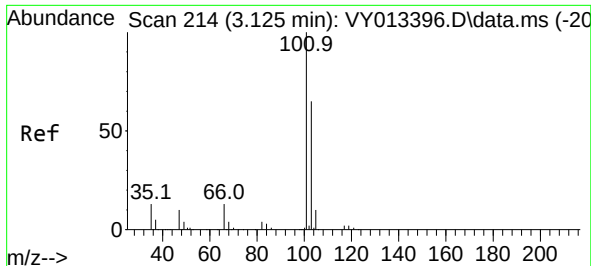
Tgt Ion: 94 Resp: 72765
Ion Ratio Lower Upper
94 100
96 92.1 74.2 111.2



#6
Chloroethane
Concen: 49.653 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013746.D
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Tgt Ion: 64 Resp: 61916
Ion Ratio Lower Upper
64 100
66 35.0 24.6 37.0

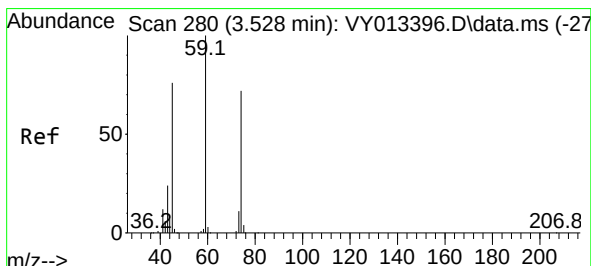
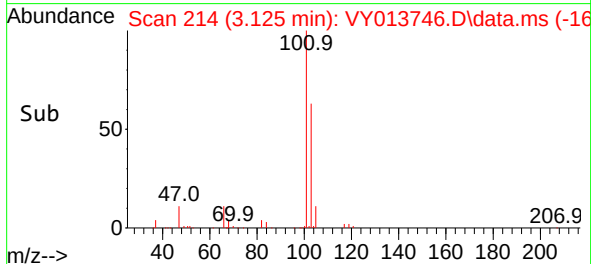
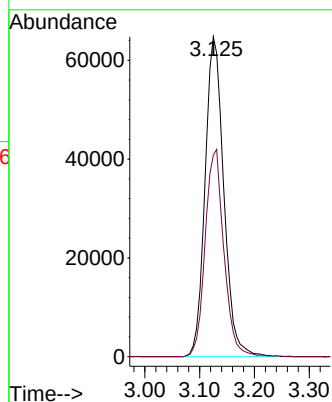
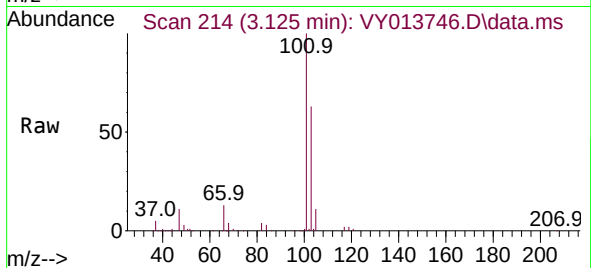




#7
 Trichlorofluoromethane
 Concen: 56.117 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY013746.D
 Acq: 15 May 2023 19:10

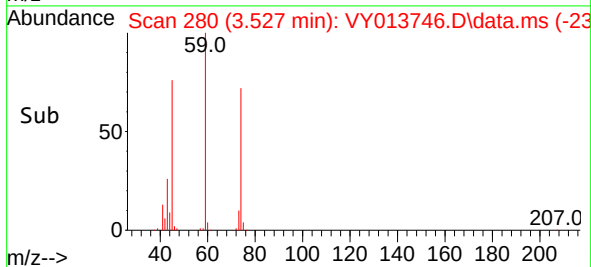
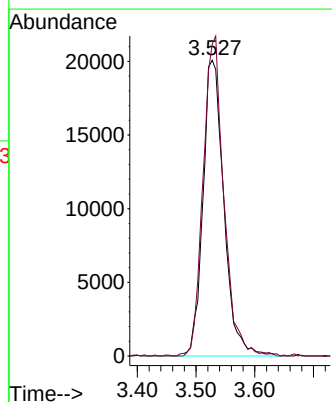
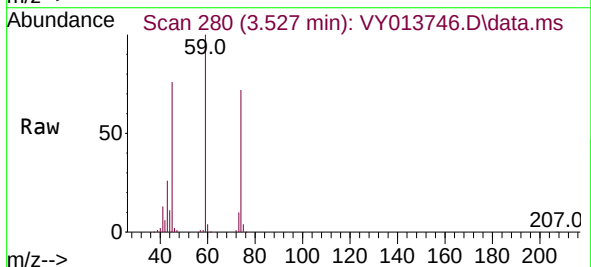
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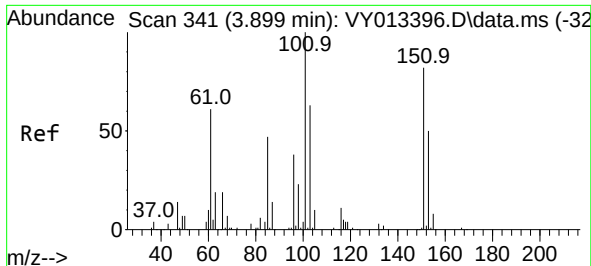
Tgt Ion:101 Resp: 153448
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.6 77.4



#8
 Diethyl Ether
 Concen: 53.260 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 49594
 Ion Ratio Lower Upper
 74 100
 45 107.6 48.2 144.6

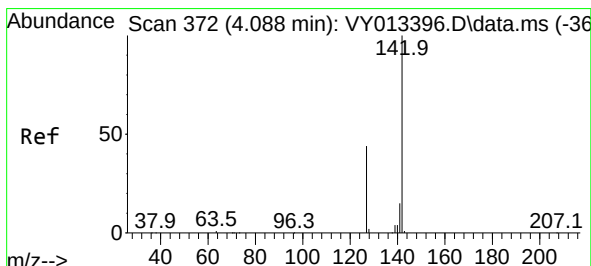
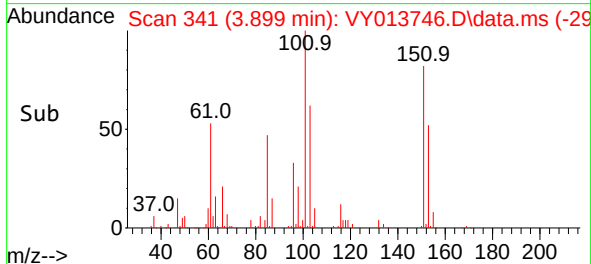
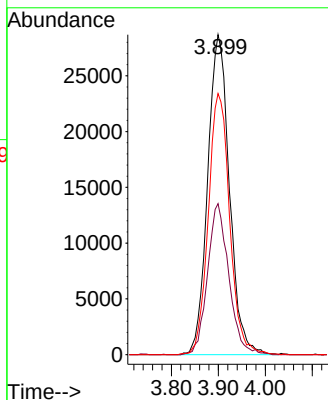
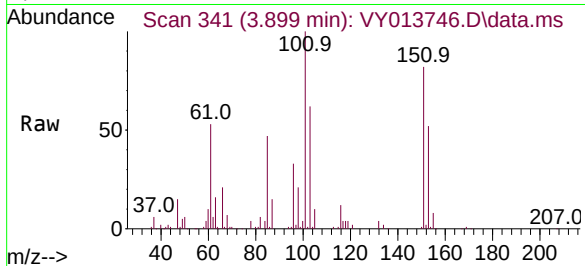




#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.021 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

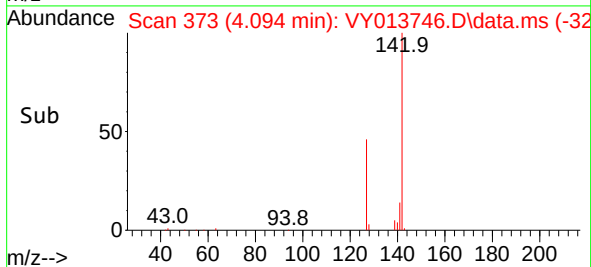
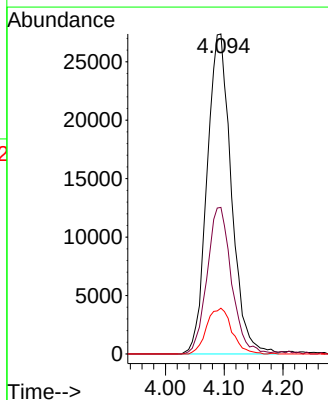
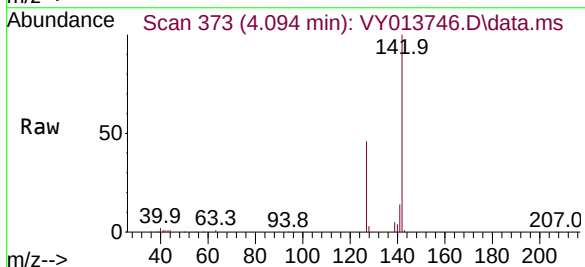
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

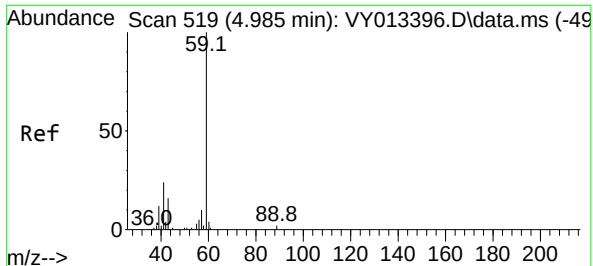
Tgt Ion:101 Resp: 92059
Ion Ratio Lower Upper
101 100
85 46.3 35.6 53.4
151 80.5 68.0 102.0



#10
Methyl Iodide
Concen: 40.777 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion:142 Resp: 78553
Ion Ratio Lower Upper
142 100
127 46.2 36.1 54.1
141 14.9 11.6 17.4

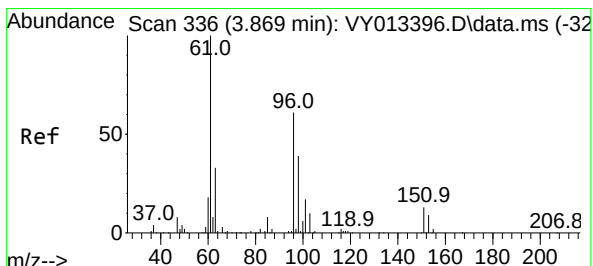
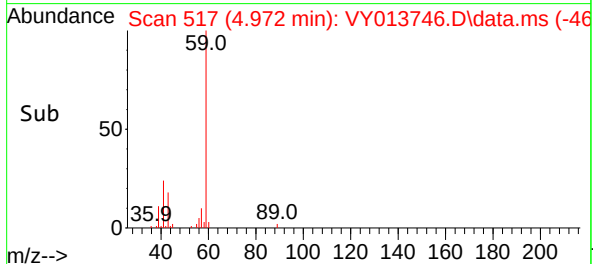
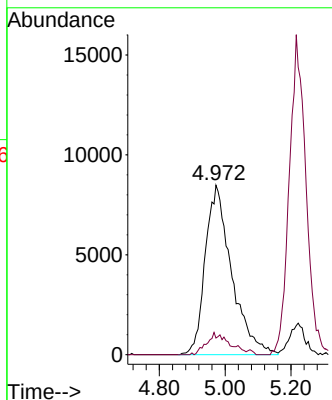
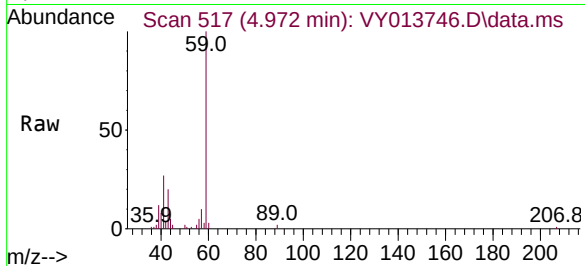




#11
Tert butyl alcohol
Concen: 269.119 ug/l
RT: 4.972 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

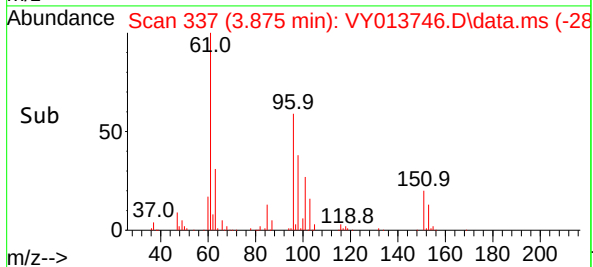
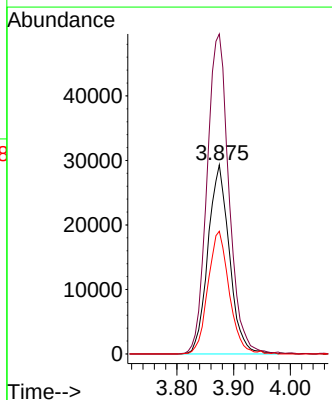
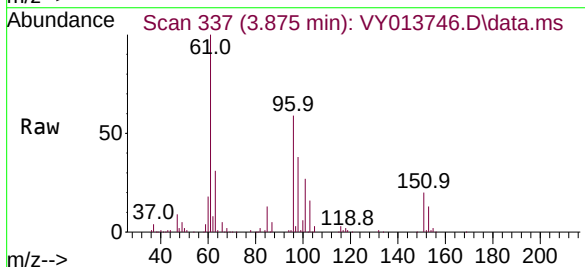
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

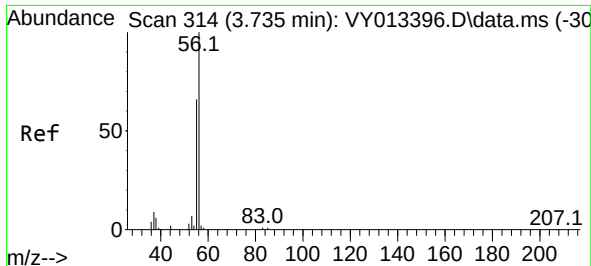
Tgt Ion: 59 Resp: 47279
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 52.119 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 96 Resp: 77056
Ion Ratio Lower Upper
96 100
61 169.1 123.9 185.9
98 64.8 48.9 73.3





#13

Acrolein

Concen: 95.339 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

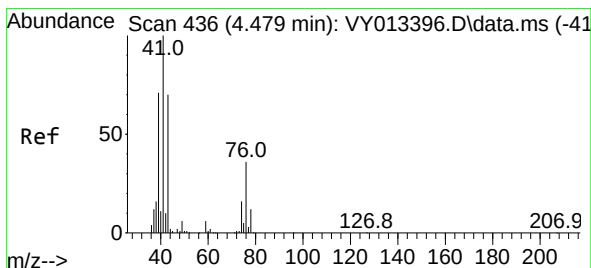
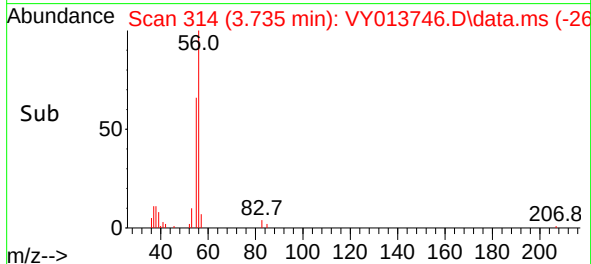
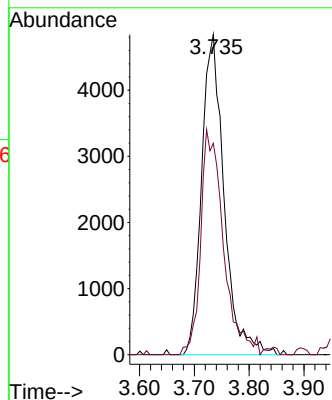
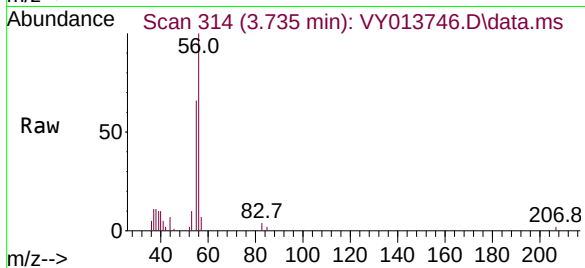
CB-14-G1-SO-14-050923MS

Tgt Ion: 56 Resp: 13737

Ion Ratio Lower Upper

56 100

55 71.3 54.1 81.1



#14

Allyl chloride

Concen: 54.025 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

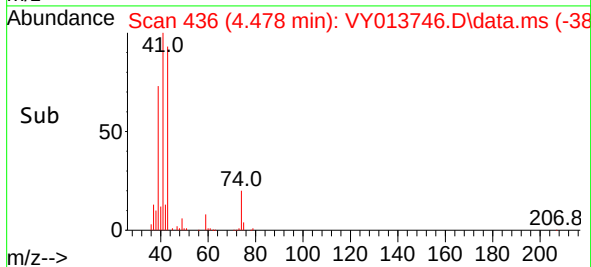
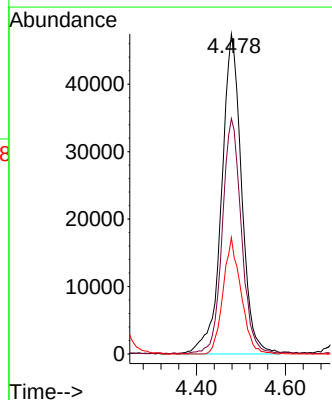
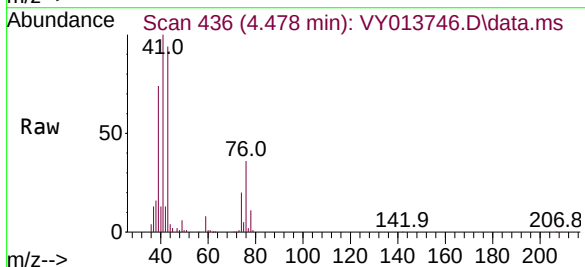
Tgt Ion: 41 Resp: 148206

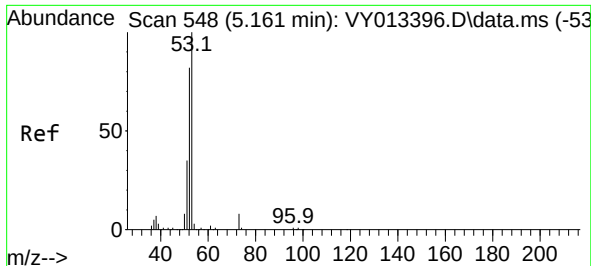
Ion Ratio Lower Upper

41 100

39 69.8 56.6 85.0

76 32.4 30.5 45.7

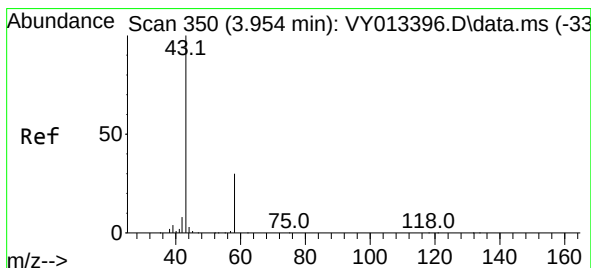
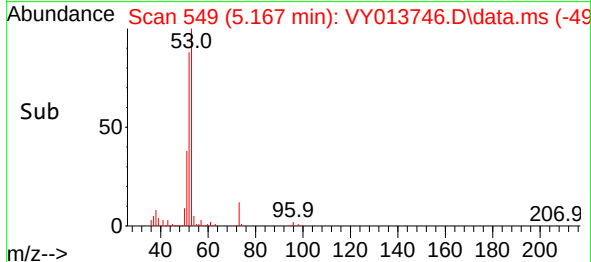
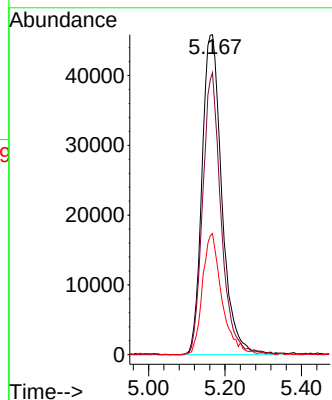
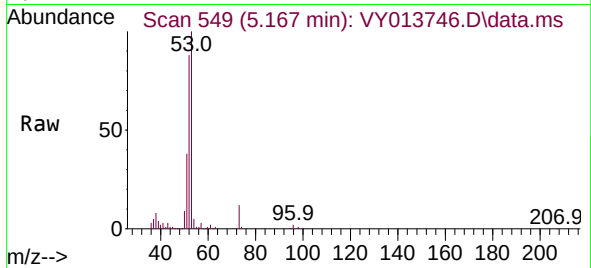




#15
Acrylonitrile
Concen: 318.083 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

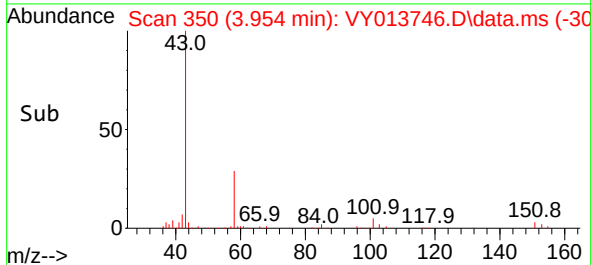
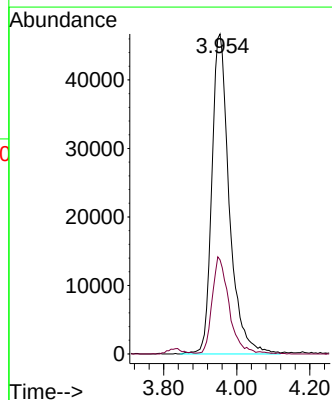
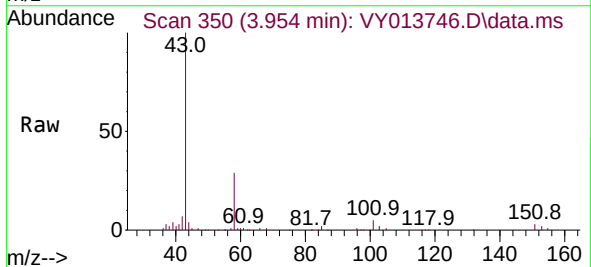
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

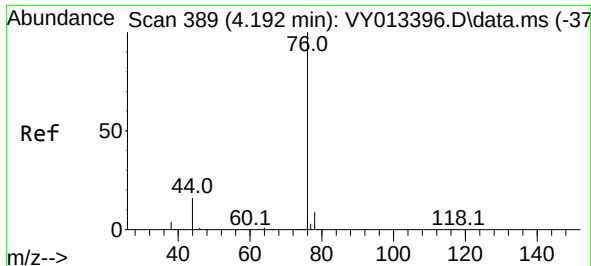
Tgt Ion: 53 Resp: 165876
Ion Ratio Lower Upper
53 100
52 81.5 65.4 98.0
51 36.9 29.3 43.9



#16
Acetone
Concen: 251.663 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 43 Resp: 154554
Ion Ratio Lower Upper
43 100
58 29.3 25.4 38.0

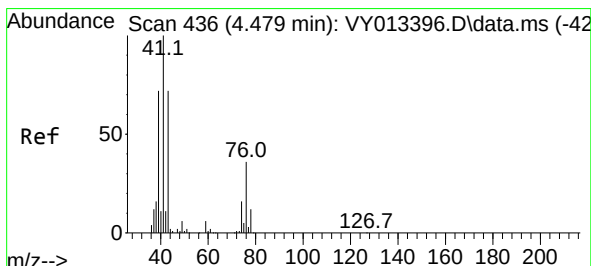
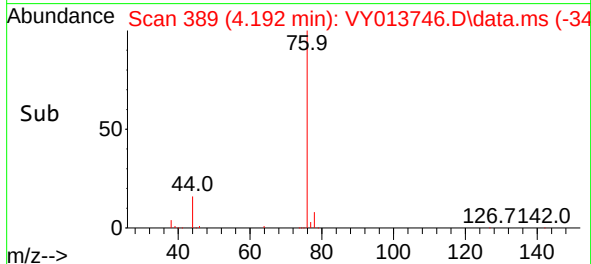
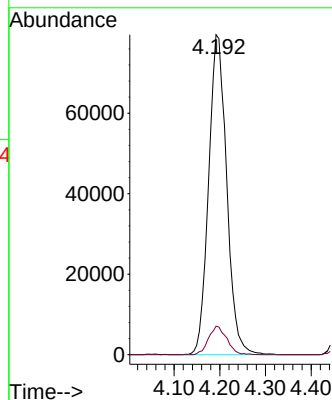
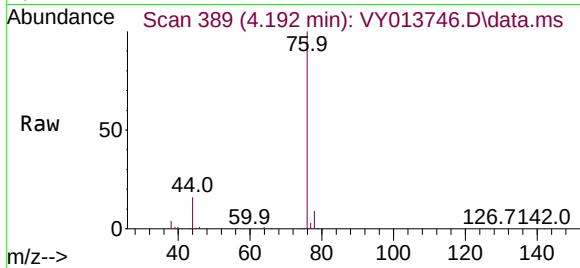




#17
Carbon Disulfide
Concen: 45.521 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

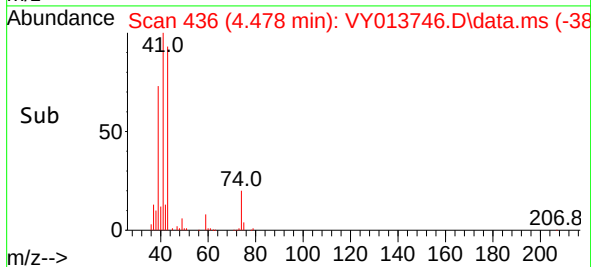
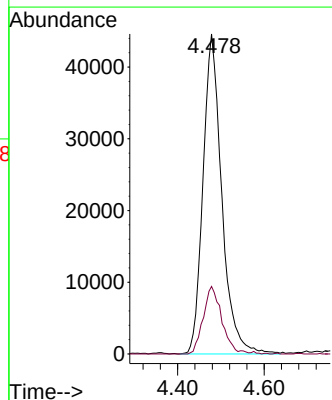
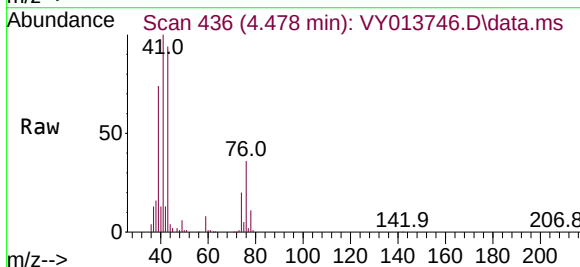
Instrument : MSVOA_Y
ClientSampleId : CB-14-G1-SO-14-050923MS

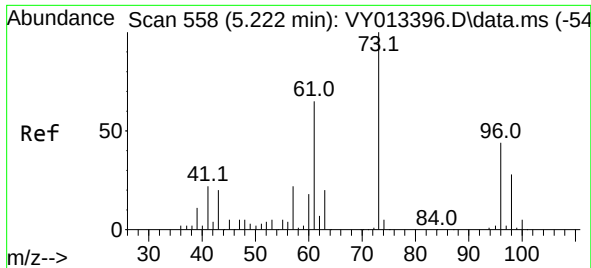
Tgt Ion: 76 Resp: 218617
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 66.165 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 43 Resp: 134206
Ion Ratio Lower Upper
43 100
74 20.9 19.4 29.2

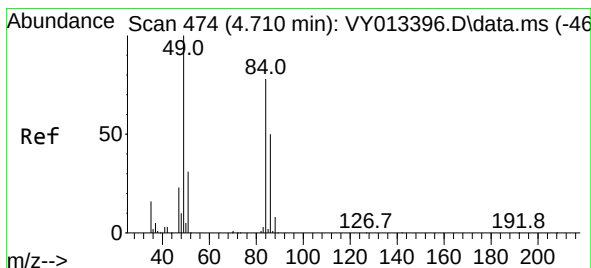
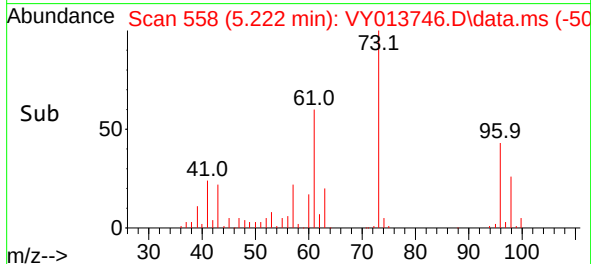
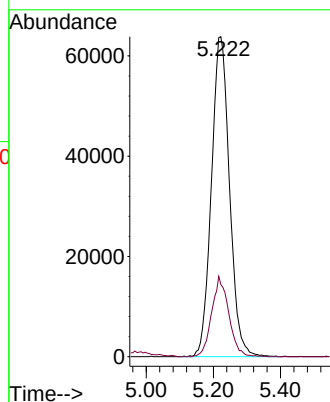
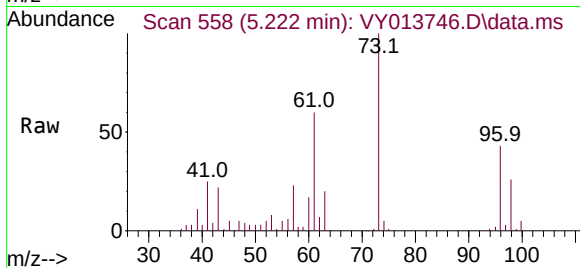




#19
Methyl tert-butyl Ether
Concen: 55.960 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

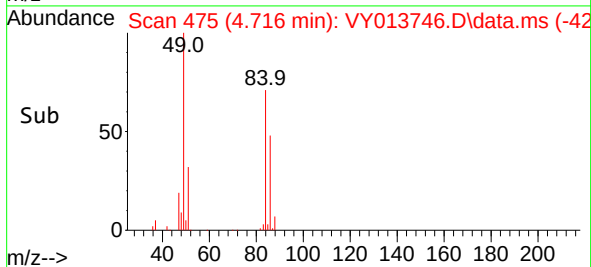
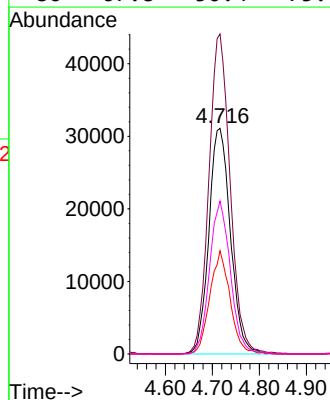
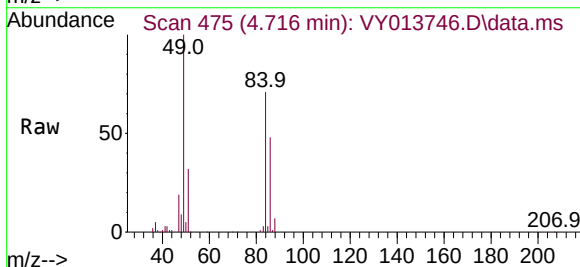
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

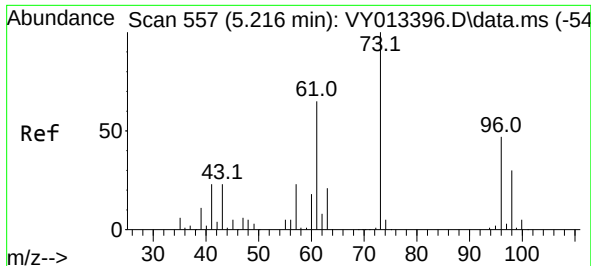
Tgt Ion: 73 Resp: 238855
Ion Ratio Lower Upper
73 100
57 22.5 17.8 26.8



#20
Methylene Chloride
Concen: 51.913 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 84 Resp: 99280
Ion Ratio Lower Upper
84 100
49 141.8 88.0 132.0#
51 45.8 27.4 41.0#
86 67.8 50.4 75.6

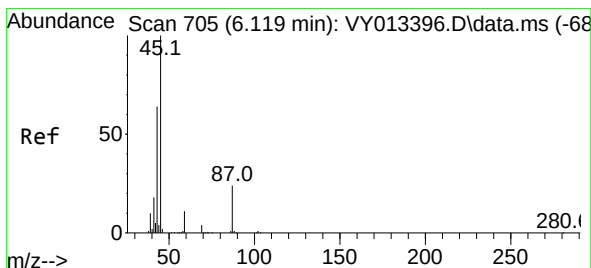
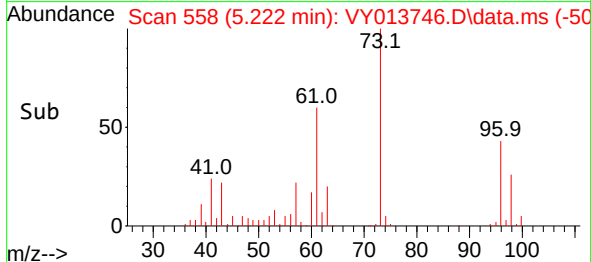
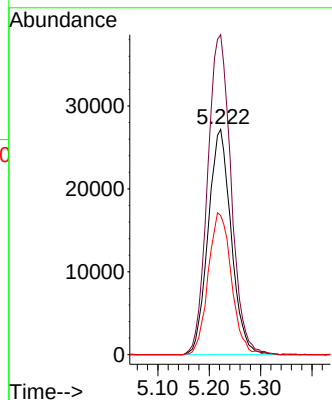
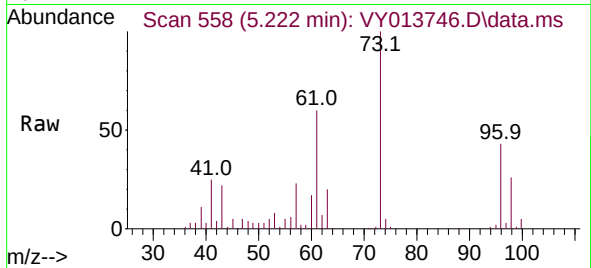




#21
trans-1,2-Dichloroethene
Concen: 52.281 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

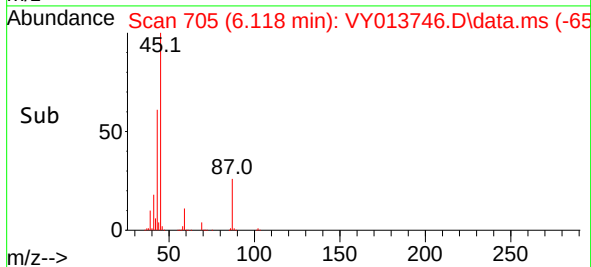
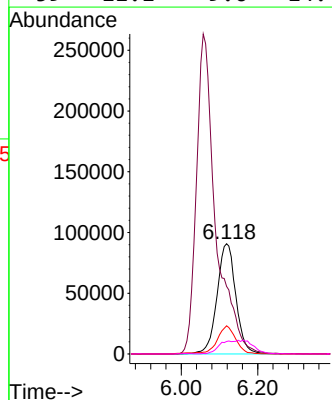
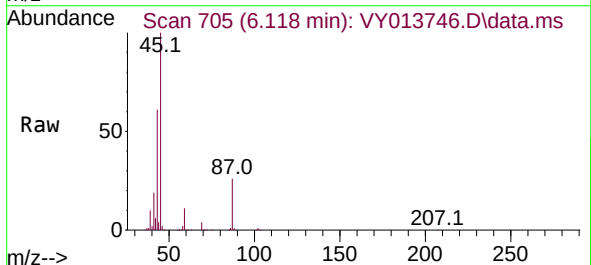
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

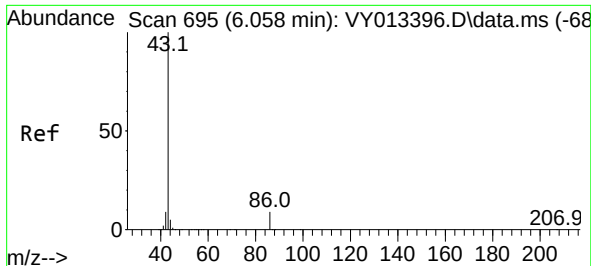
Tgt Ion: 96 Resp: 84513
Ion Ratio Lower Upper
96 100
61 142.0 110.6 165.8
98 61.8 53.1 79.7



#22
Diisopropyl ether
Concen: 57.803 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 45 Resp: 309940
Ion Ratio Lower Upper
45 100
43 60.9 48.4 72.6
87 25.6 23.8 35.6
59 11.1 9.6 14.4

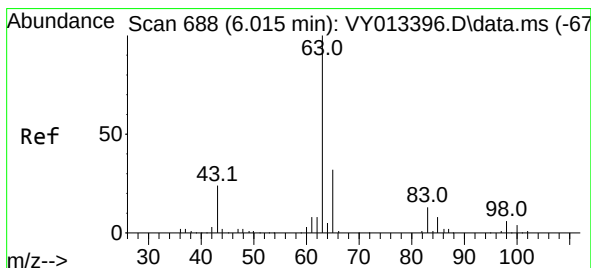
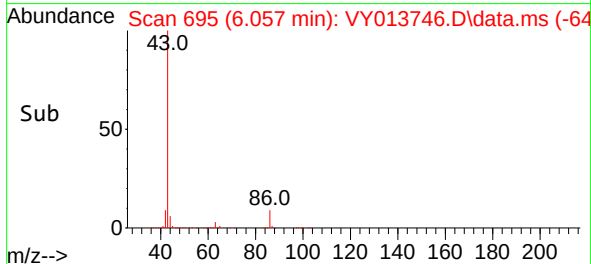
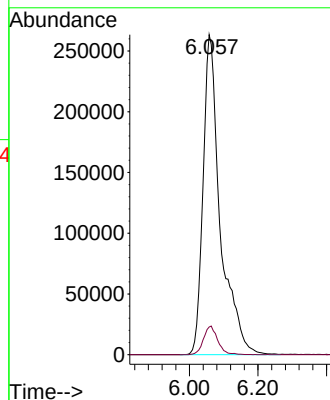
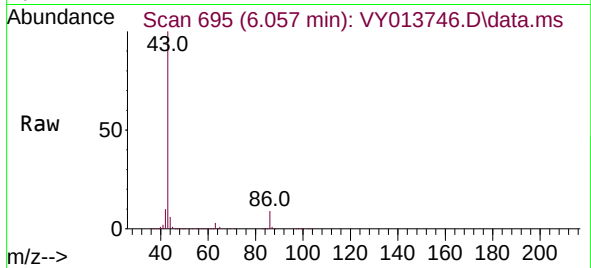




#23
 Vinyl Acetate
 Concen: 303.366 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013746.D
 Acq: 15 May 2023 19:10

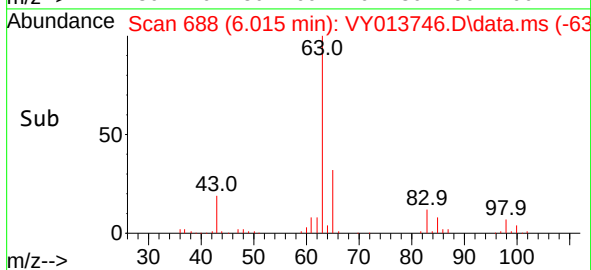
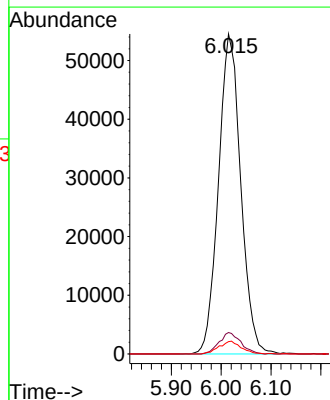
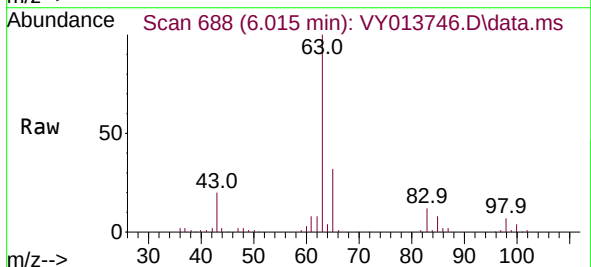
Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-SO-14-050923MS

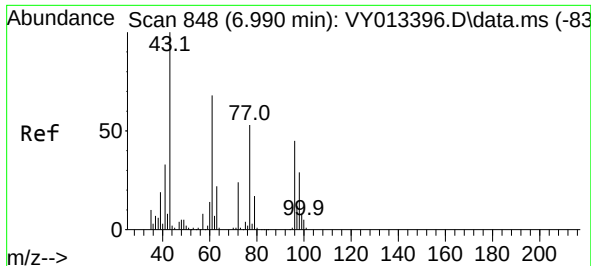
Tgt Ion: 43 Resp: 920997
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 56.567 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013746.D
 Acq: 15 May 2023 19:10

Tgt Ion: 63 Resp: 169046
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 3.8 2.2 6.6

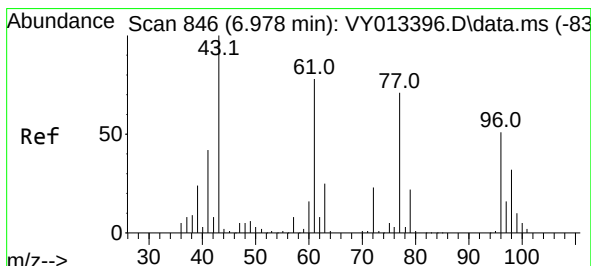
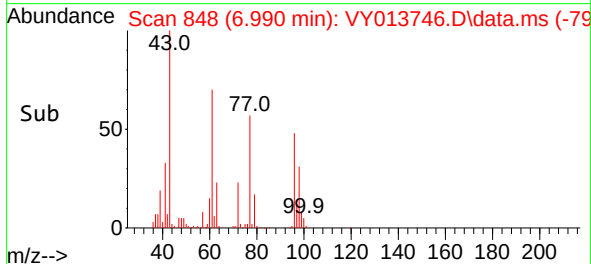
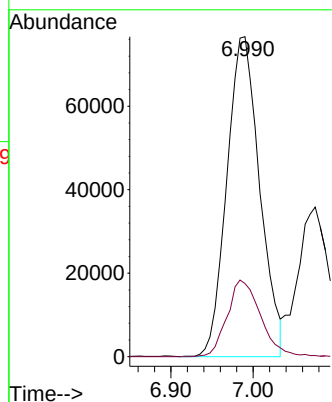
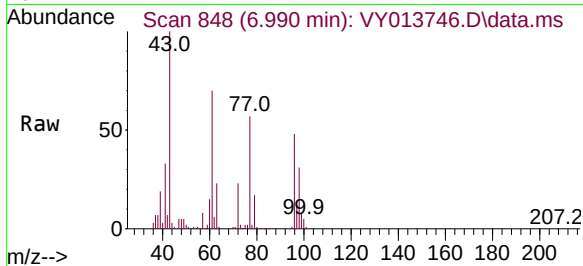




#25
2-Butanone
Concen: 273.836 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

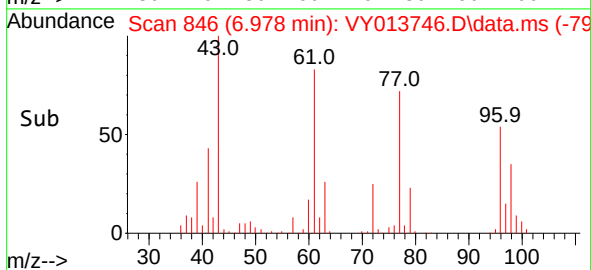
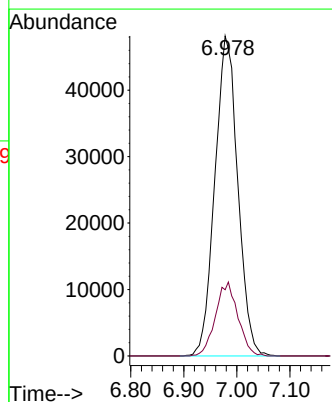
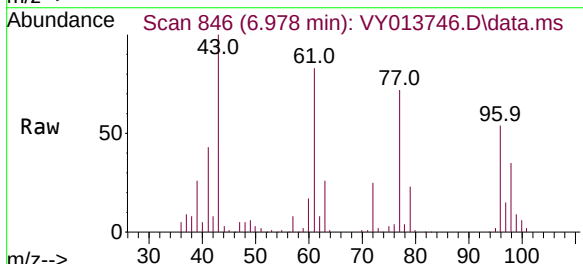
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

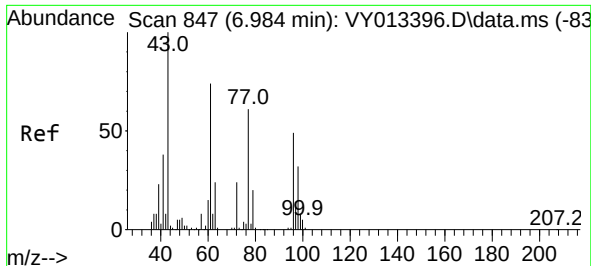
Tgt Ion: 43 Resp: 213278
Ion Ratio Lower Upper
43 100
72 22.8 21.9 32.9



#26
2,2-Dichloropropane
Concen: 56.074 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 77 Resp: 144396
Ion Ratio Lower Upper
77 100
97 22.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 58.809 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MS

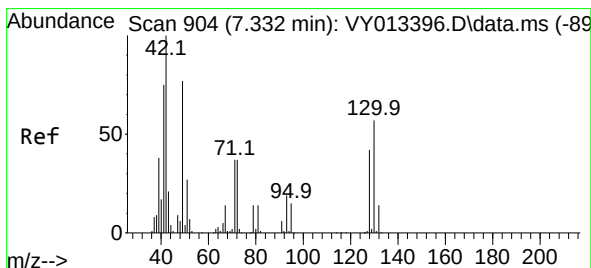
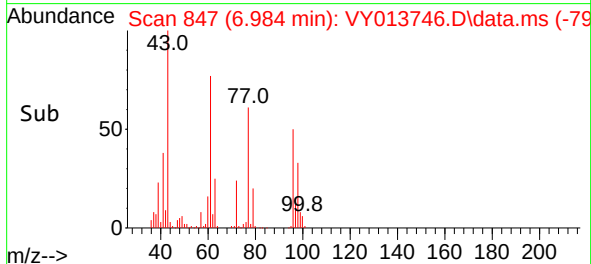
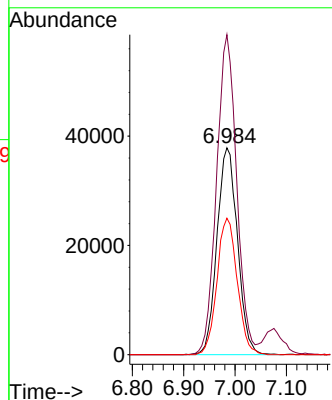
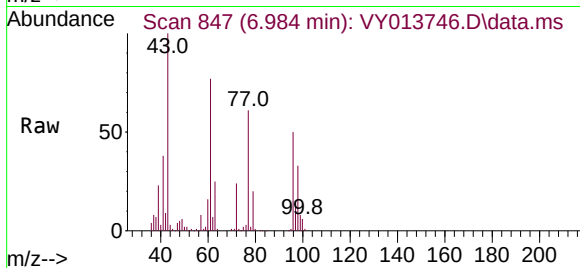
Tgt Ion: 96 Resp: 105035

Ion Ratio Lower Upper

96 100

61 151.6 0.0 285.0

98 65.2 0.0 130.6



#28

Bromochloromethane

Concen: 57.928 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

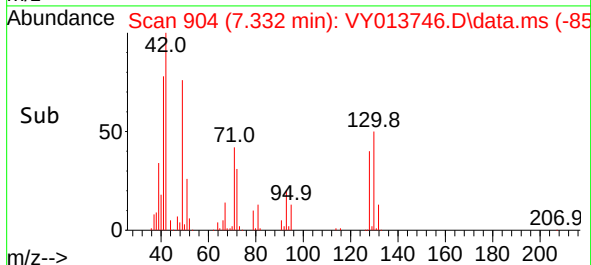
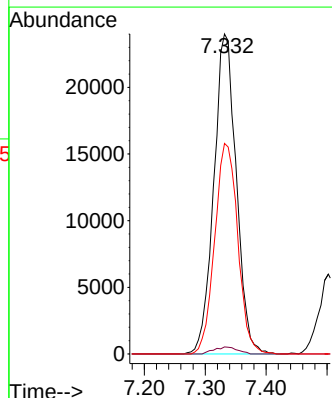
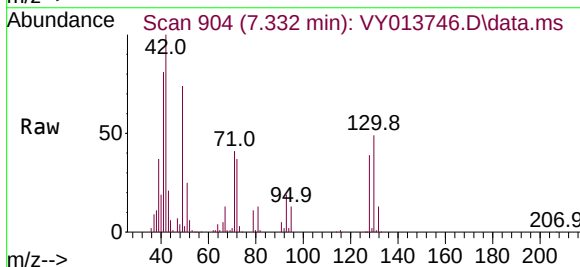
Tgt Ion: 49 Resp: 61431

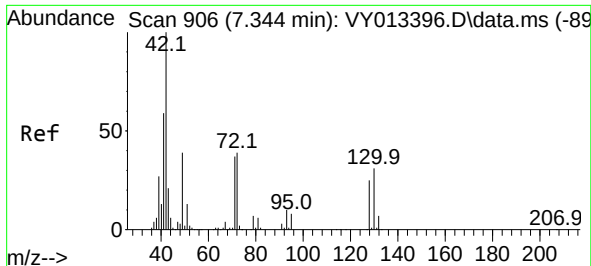
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.2

130 67.5 72.1 108.1#





#29

Tetrahydrofuran

Concen: 296.535 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013746.D

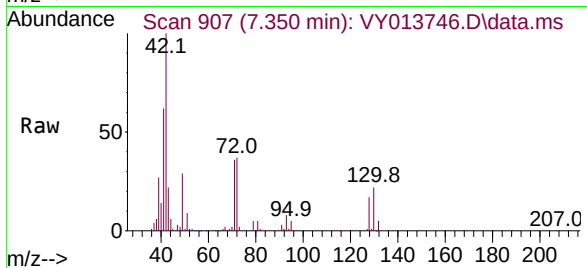
Acq: 15 May 2023 19:10

Instrument :

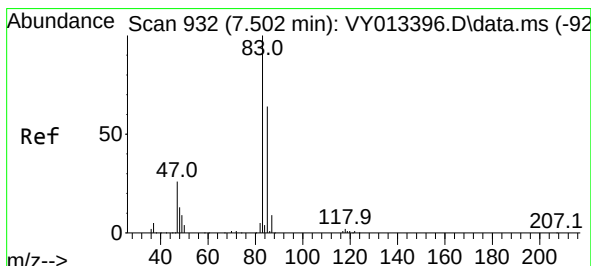
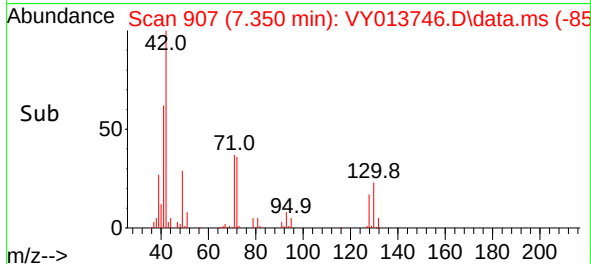
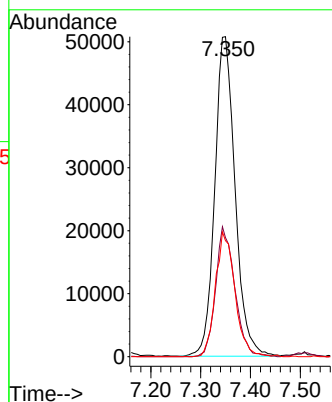
MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MS



Tgt Ion:	42	Resp:	143766
Ion	Ratio	Lower	Upper
42	100		
72	38.4	35.9	53.9
71	37.3	34.3	51.5



#30

Chloroform

Concen: 55.839 ug/l

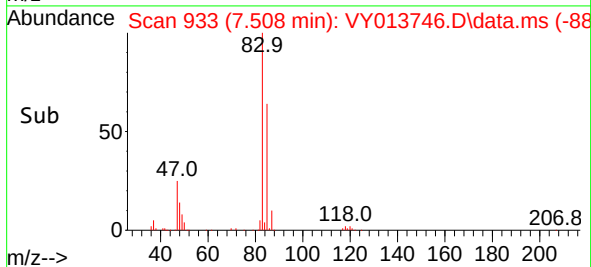
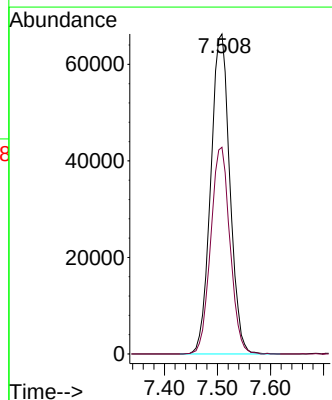
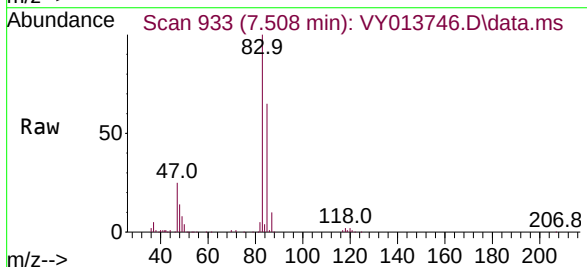
RT: 7.508 min Scan# 933

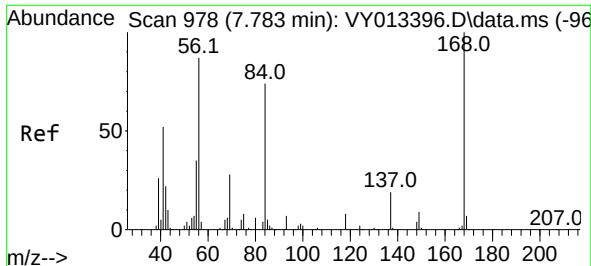
Delta R.T. 0.006 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Tgt Ion:	83	Resp:	165910
Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.0	78.0

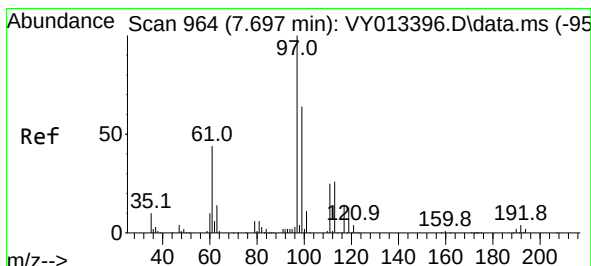
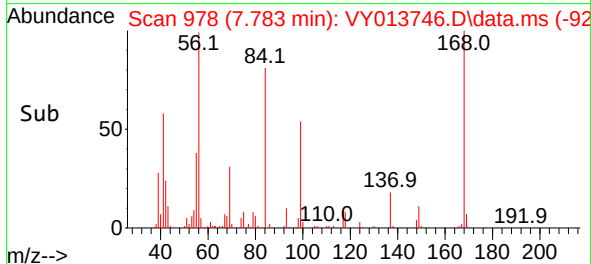
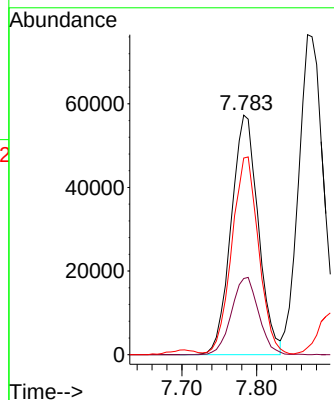
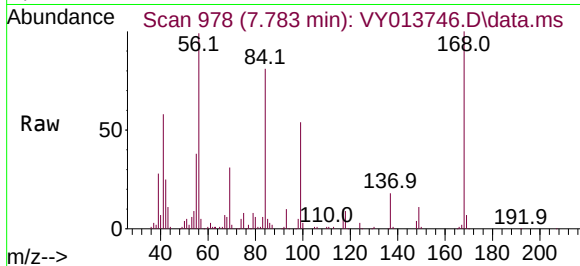




#31
Cyclohexane
Concen: 51.890 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

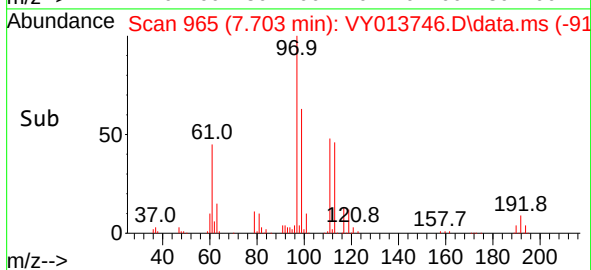
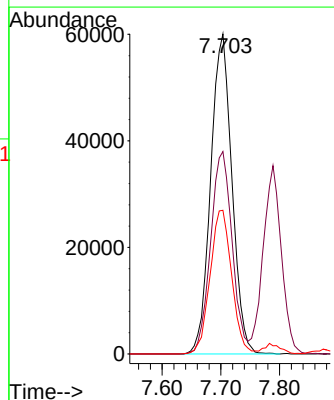
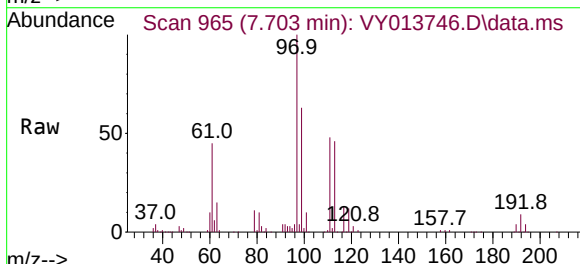
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

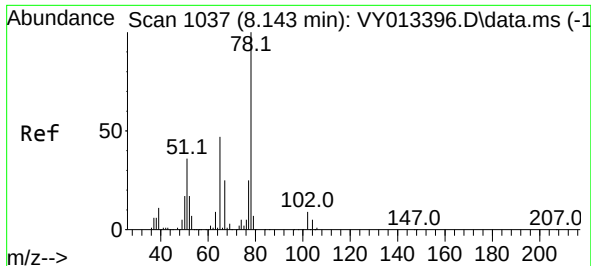
Tgt Ion: 56 Resp: 144882
Ion Ratio Lower Upper
56 100
69 31.5 29.2 43.8
84 80.1 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 56.856 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 97 Resp: 150746
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.2
61 45.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 64.934 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

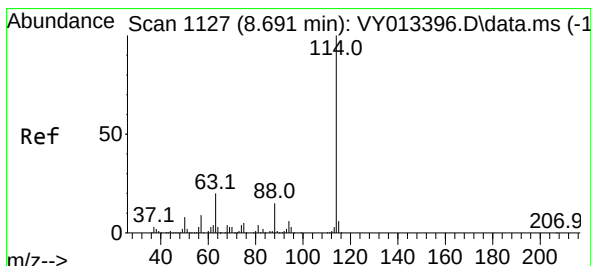
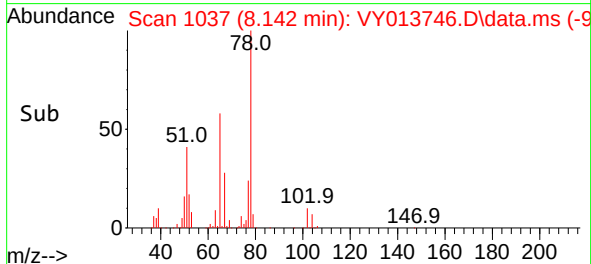
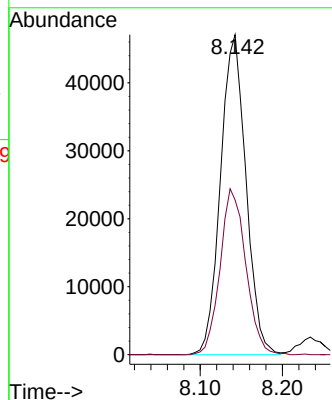
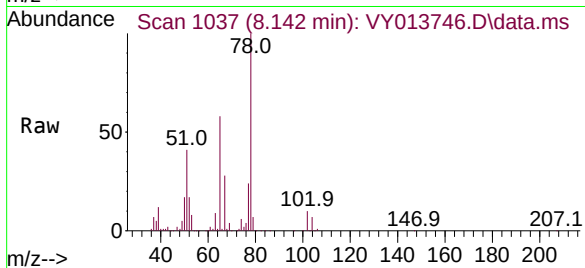
CB-14-G1-SO-14-050923MS

Tgt Ion: 65 Resp: 101262

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

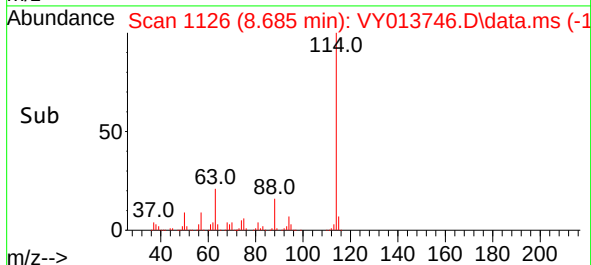
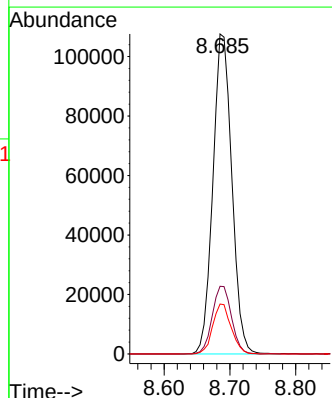
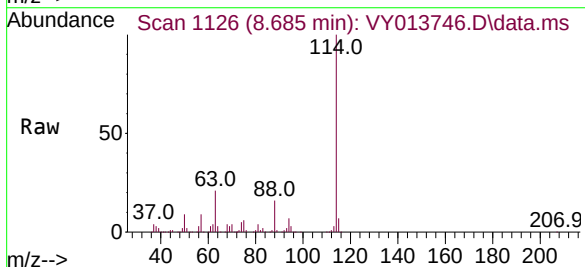
Tgt Ion: 114 Resp: 215703

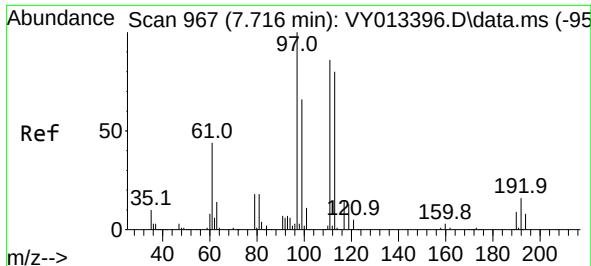
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.6

88 15.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 66.003 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MS

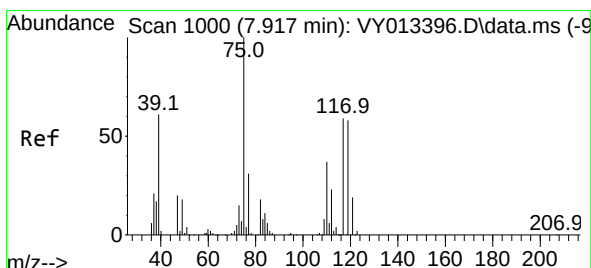
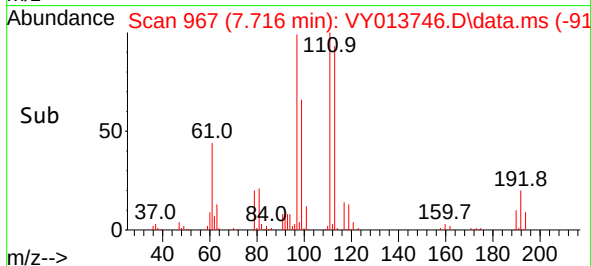
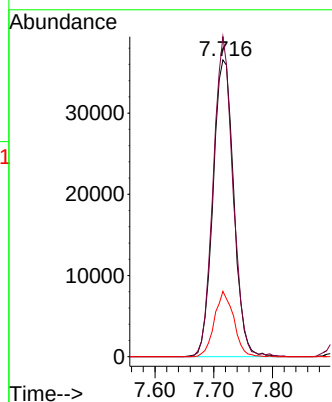
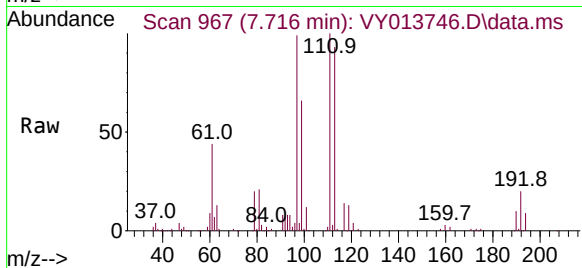
Tgt Ion:113 Resp: 89545

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 20.6 16.7 25.1



#36

1,1-Dichloropropene

Concen: 56.442 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

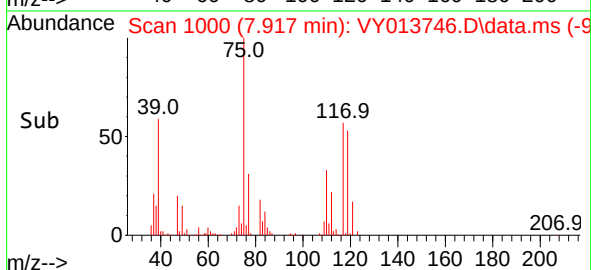
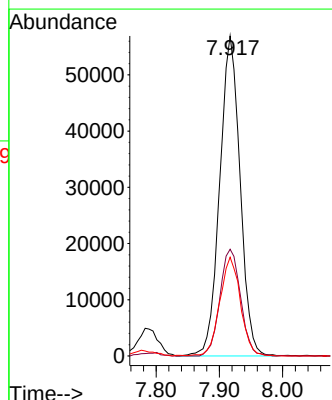
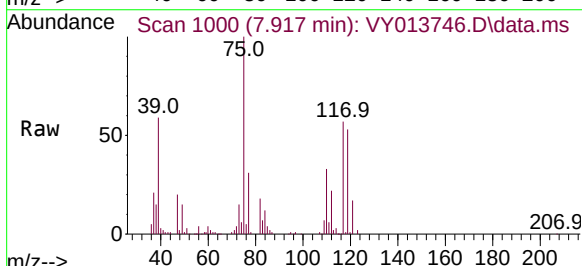
Tgt Ion: 75 Resp: 127085

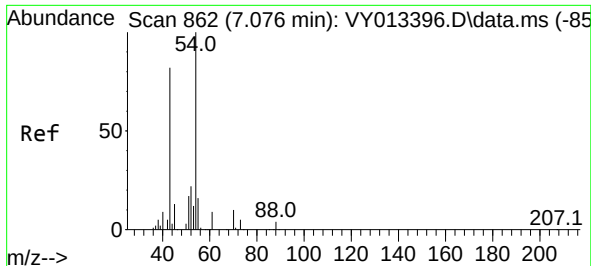
Ion Ratio Lower Upper

75 100

110 33.8 18.7 56.1

77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 57.138 ug/l

RT: 7.075 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MS

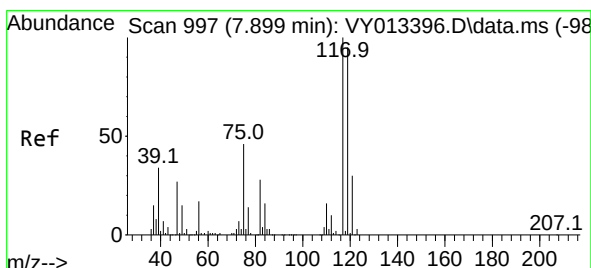
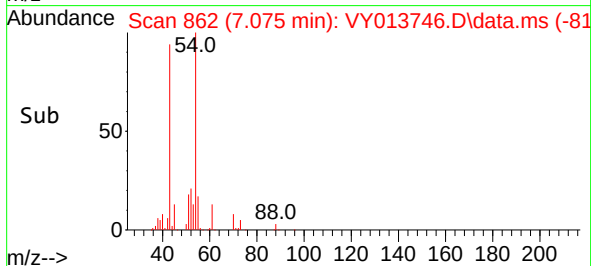
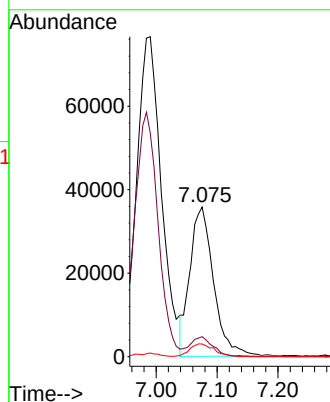
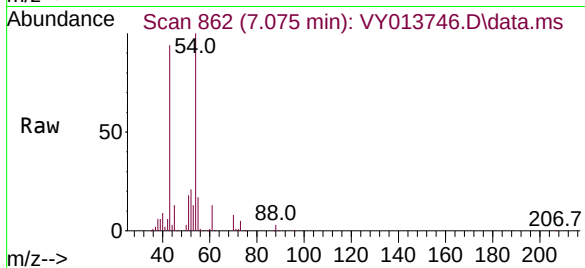
Tgt Ion: 43 Resp: 96814

Ion Ratio Lower Upper

43 100

61 11.6 11.4 17.0

70 8.9 7.9 11.9



#38

Carbon Tetrachloride

Concen: 58.672 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.001 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

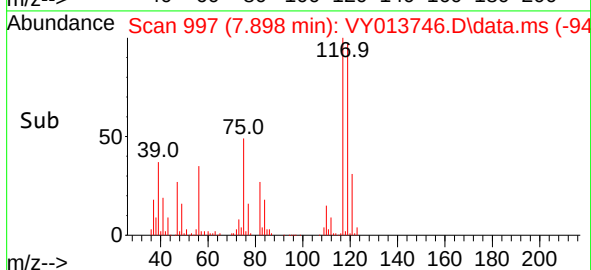
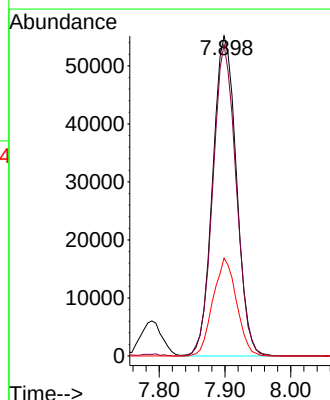
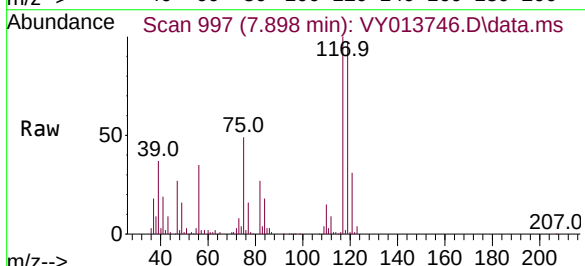
Tgt Ion: 117 Resp: 138461

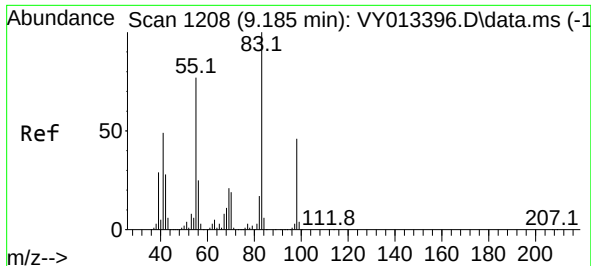
Ion Ratio Lower Upper

117 100

119 97.3 79.0 118.6

121 30.6 26.6 40.0





#39

Methylcyclohexane

Concen: 55.418 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MS

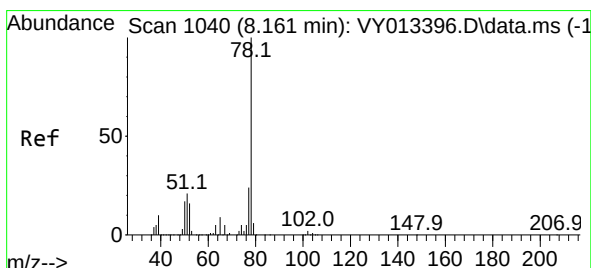
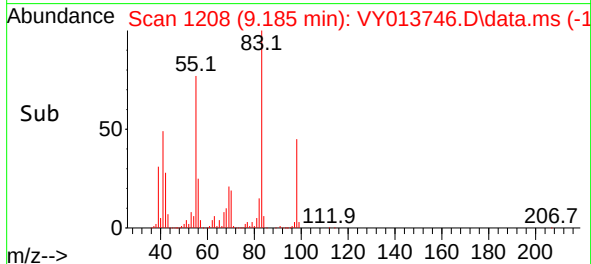
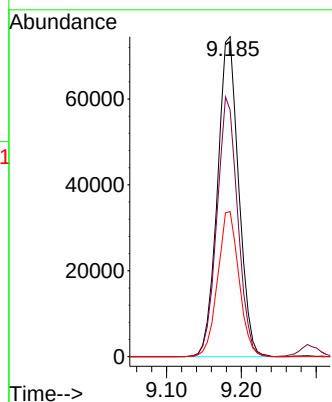
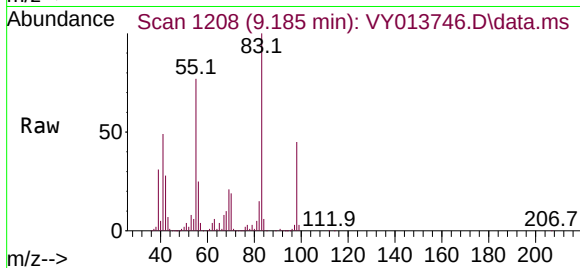
Tgt Ion: 83 Resp: 147102

Ion Ratio Lower Upper

83 100

55 77.0 59.0 88.4

98 45.3 37.0 55.4



#40

Benzene

Concen: 55.374 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013746.D

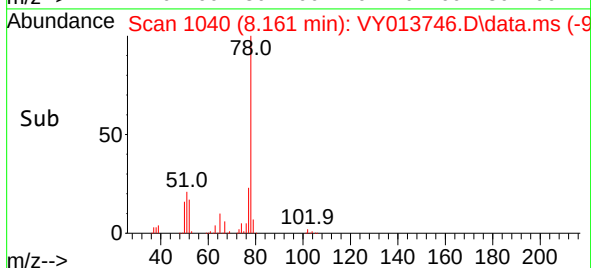
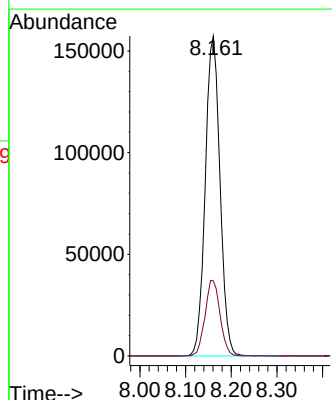
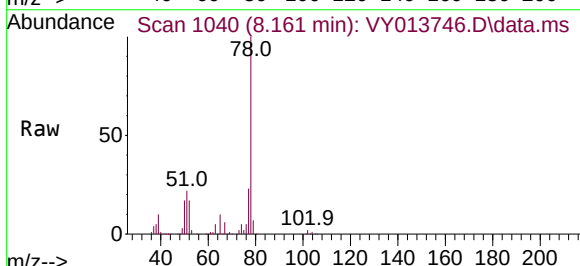
Acq: 15 May 2023 19:10

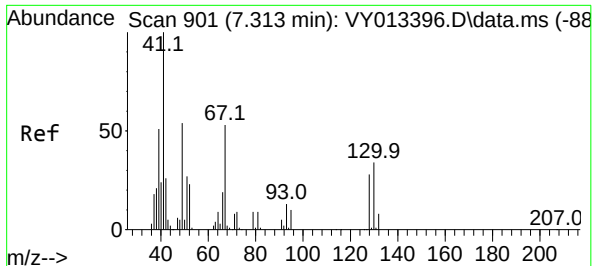
Tgt Ion: 78 Resp: 351205

Ion Ratio Lower Upper

78 100

77 23.4 19.2 28.8

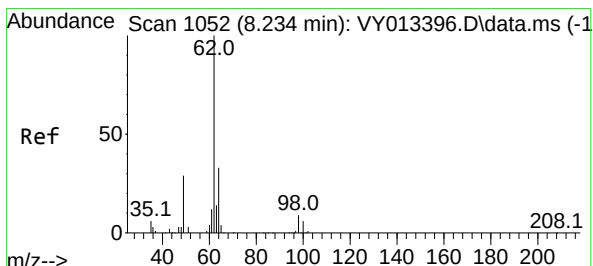
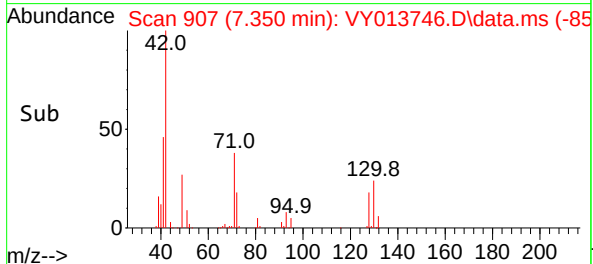
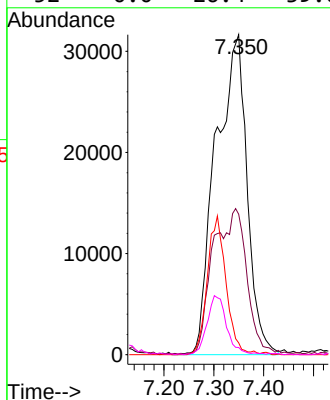
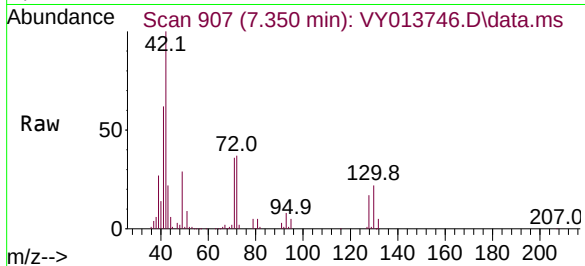




#41
Methacrylonitrile
Concen: 173.708 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.043 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

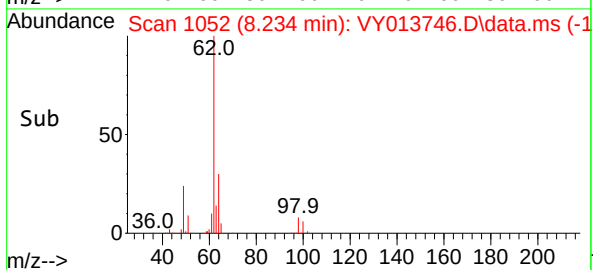
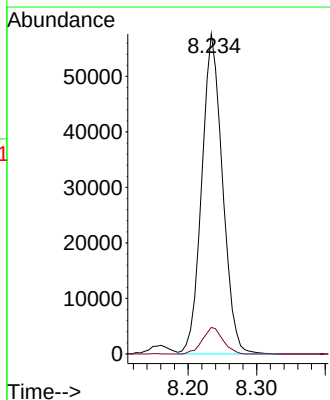
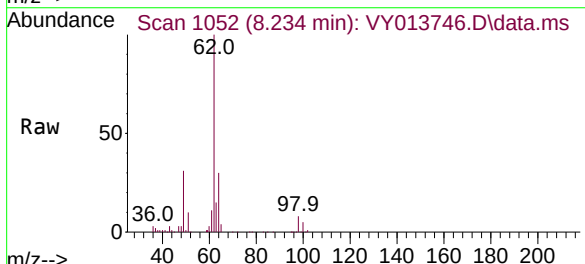
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

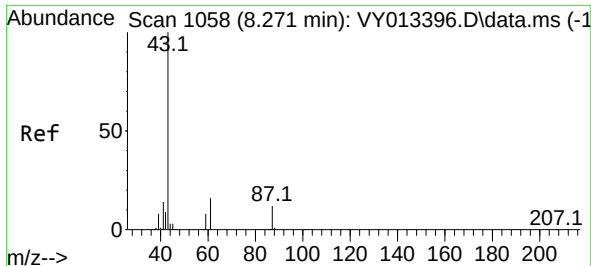
Tgt Ion: 41 Resp: 137156
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 58.612 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 62 Resp: 121536
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.8

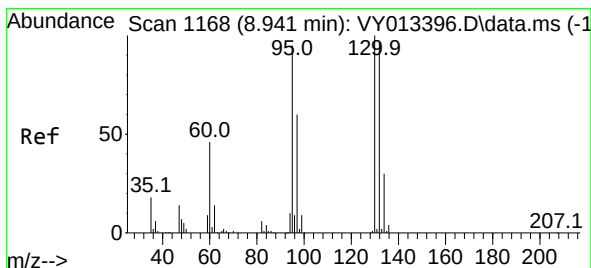
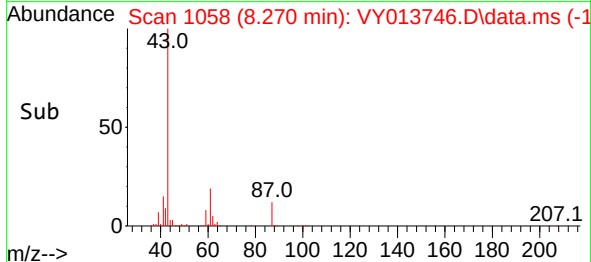
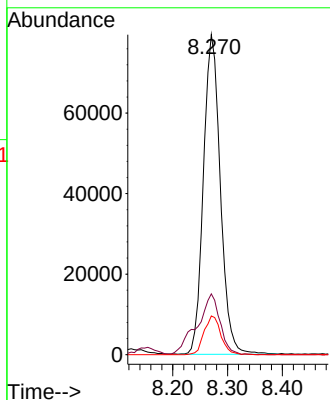
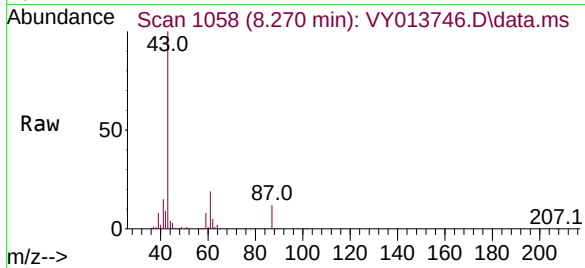




#43
Isopropyl Acetate
Concen: 59.542 ug/l
RT: 8.270 min Scan# 11058
Delta R.T. 0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

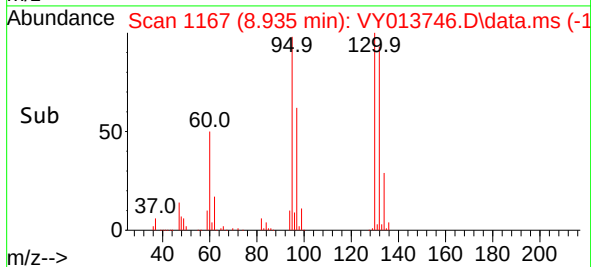
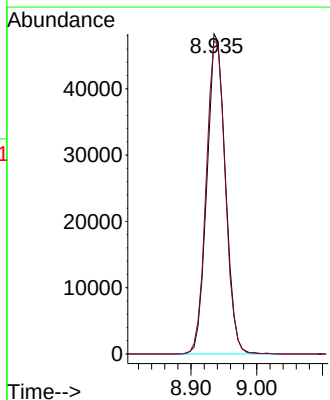
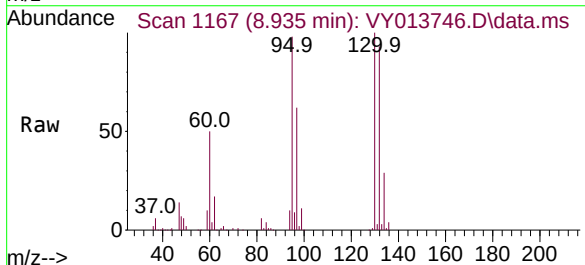
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

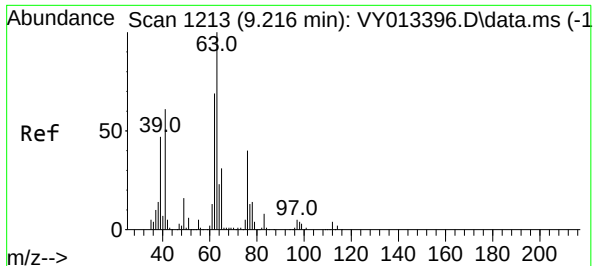
Tgt Ion: 43 Resp: 170287
Ion Ratio Lower Upper
43 100
61 25.8 22.2 33.4
87 12.1 11.0 16.6



#44
Trichloroethene
Concen: 55.844 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion:130 Resp: 94214
Ion Ratio Lower Upper
130 100
95 97.8 0.0 188.8





#45

1,2-Dichloropropane

Concen: 57.420 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

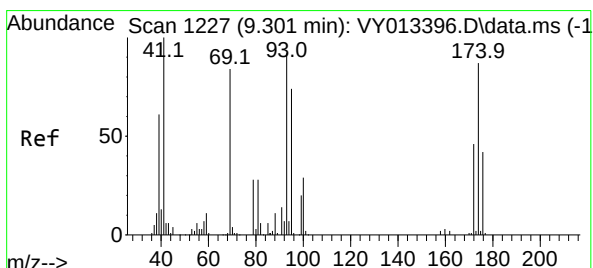
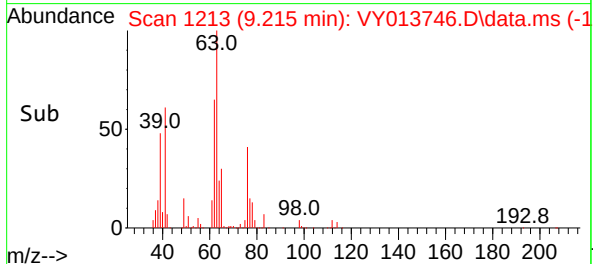
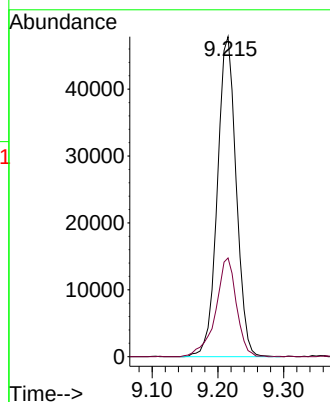
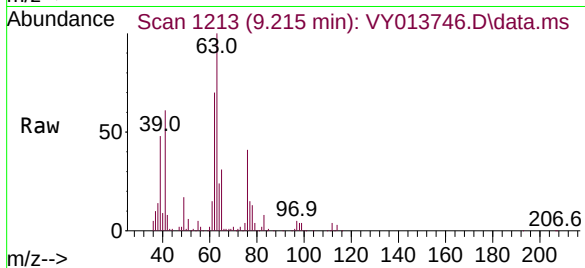
CB-14-G1-SO-14-050923MS

Tgt Ion: 63 Resp: 95221

Ion Ratio Lower Upper

63 100

65 30.9 24.6 37.0



#46

Dibromomethane

Concen: 58.332 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

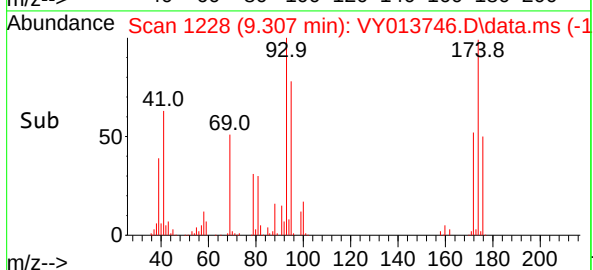
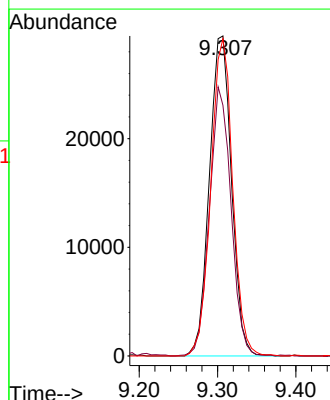
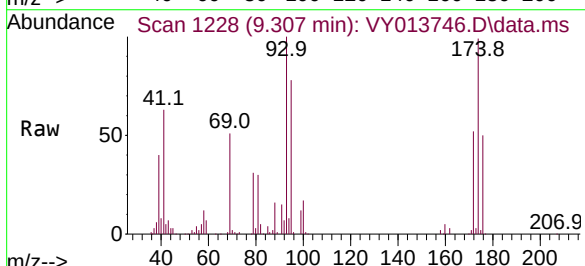
Tgt Ion: 93 Resp: 57879

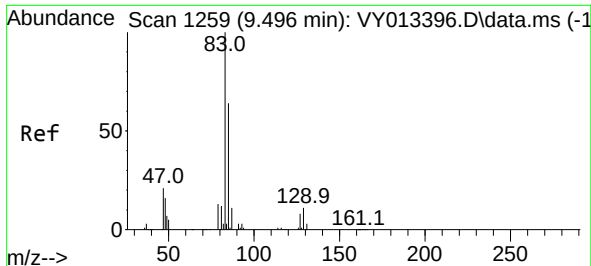
Ion Ratio Lower Upper

93 100

95 81.8 67.1 100.7

174 97.9 87.0 130.4

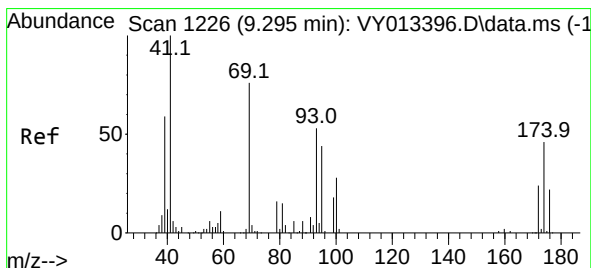
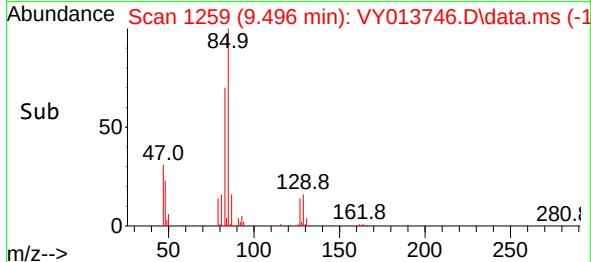
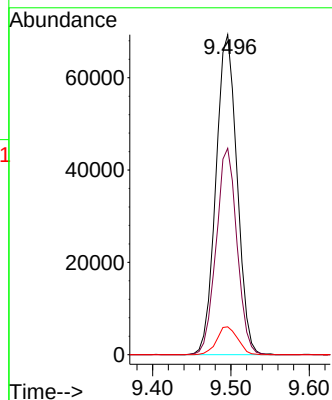
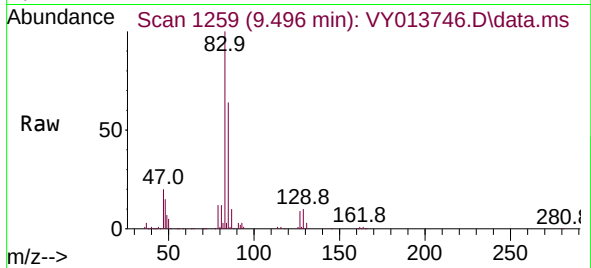




#47
Bromodichloromethane
Concen: 58.606 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

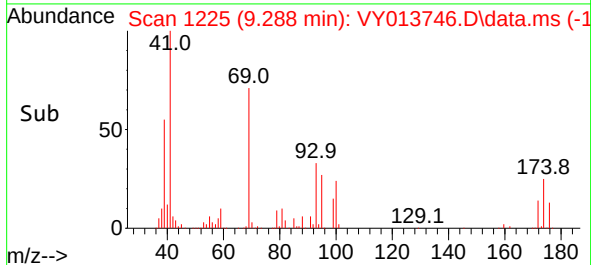
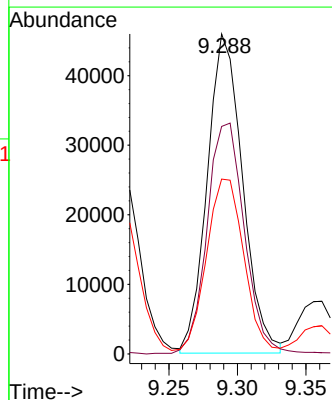
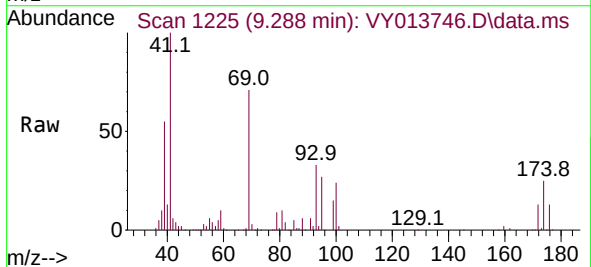
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

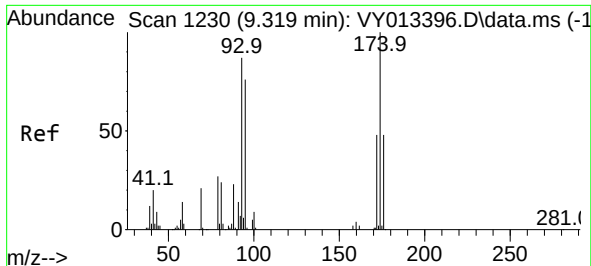
Tgt Ion: 83 Resp: 130120
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.2
127 8.7 8.1 12.1



#48
Methyl methacrylate
Concen: 62.578 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.001 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 41 Resp: 82195
Ion Ratio Lower Upper
41 100
69 77.1 70.2 105.4
39 56.5 47.9 71.9





#49

1,4-Dioxane

Concen: 1106.888 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013746.D

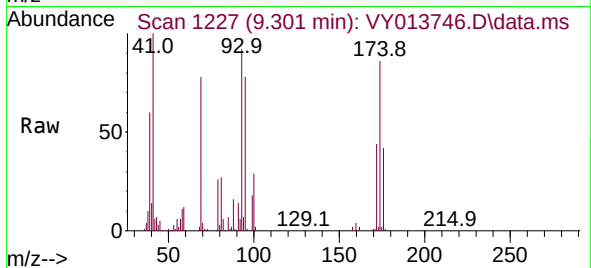
Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MS



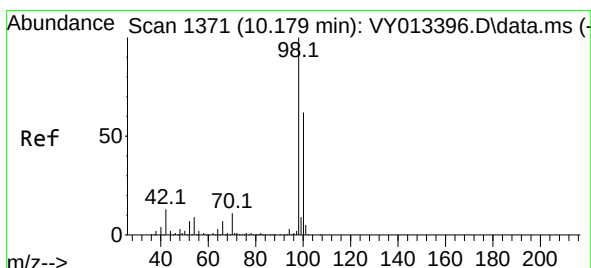
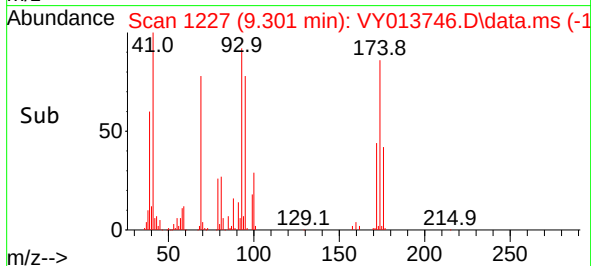
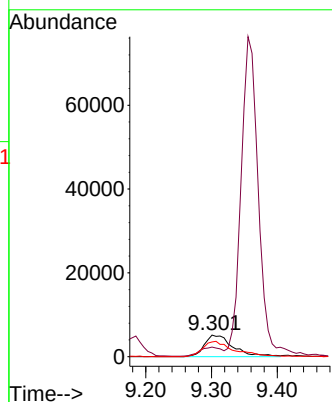
Tgt Ion: 88 Resp: 15686

Ion Ratio Lower Upper

88 100

43 32.4 16.8 25.2#

58 77.2 54.3 81.5



#50

Toluene-d8

Concen: 60.367 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013746.D

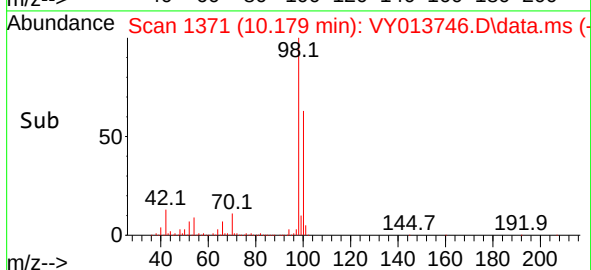
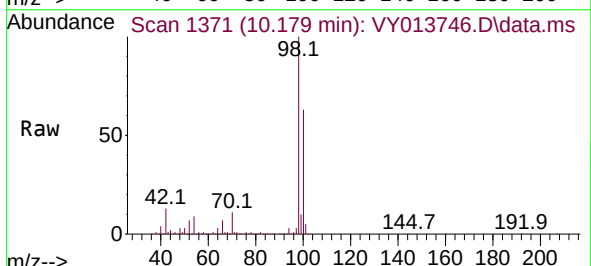
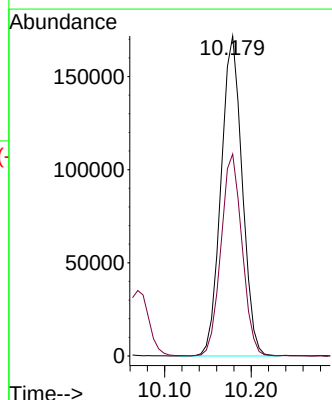
Acq: 15 May 2023 19:10

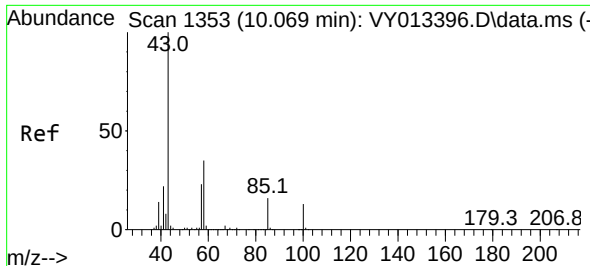
Tgt Ion: 98 Resp: 291344

Ion Ratio Lower Upper

98 100

100 62.9 50.5 75.7

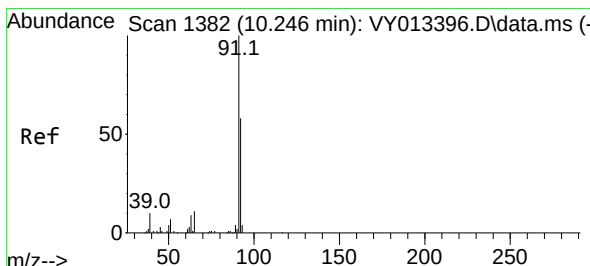
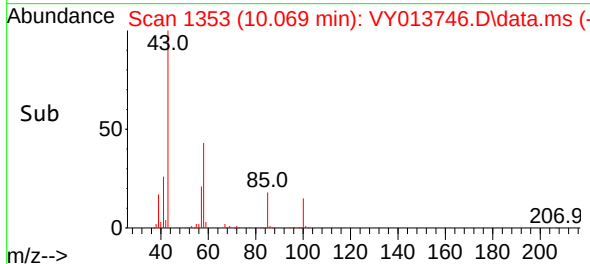
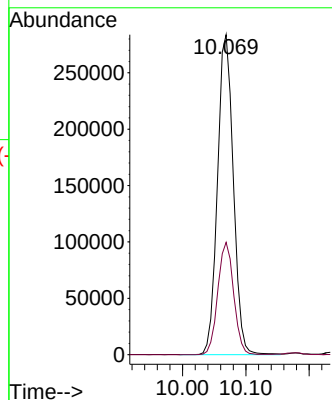
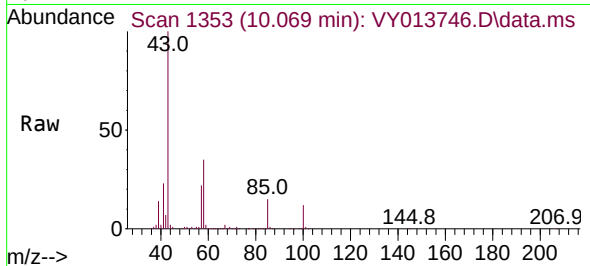




#51
4-Methyl-2-Pentanone
Concen: 308.294 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

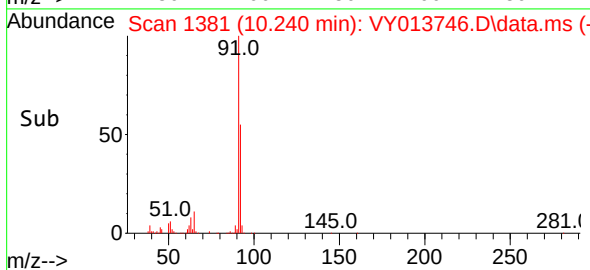
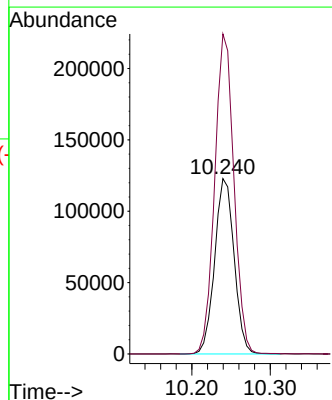
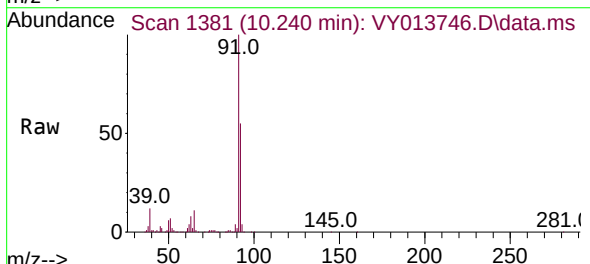
Instrument : MSVOA_Y
ClientSampleId : CB-14-G1-SO-14-050923MS

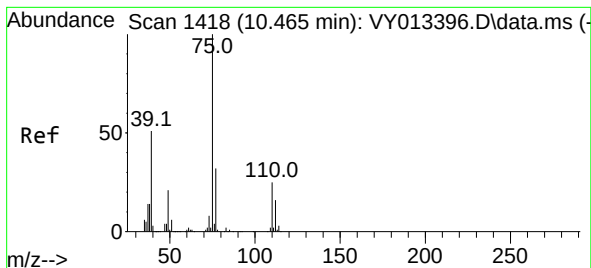
Tgt Ion: 43 Resp: 491329
Ion Ratio Lower Upper
43 100
58 35.2 30.6 46.0



#52
Toluene
Concen: 55.564 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 92 Resp: 212071
Ion Ratio Lower Upper
92 100
91 180.0 140.2 210.4

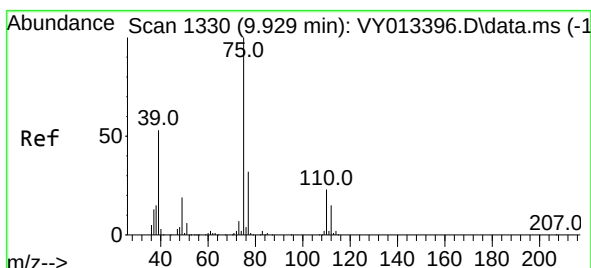
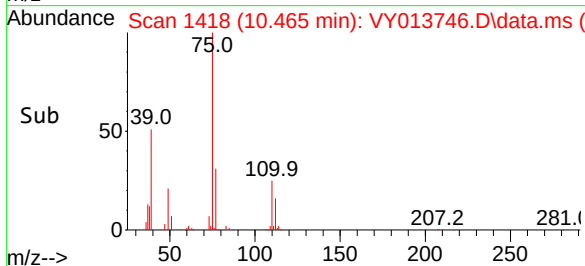
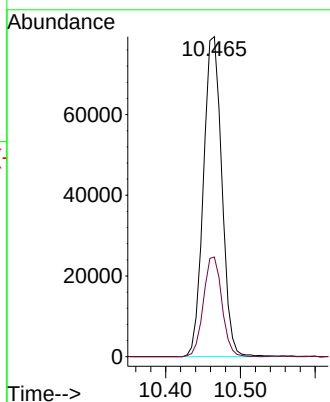
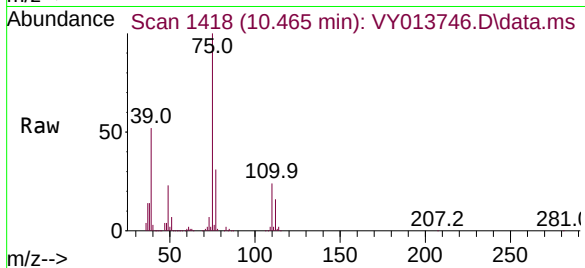




#53
t-1,3-Dichloropropene
Concen: 57.741 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

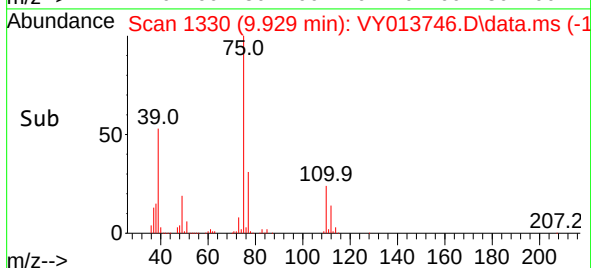
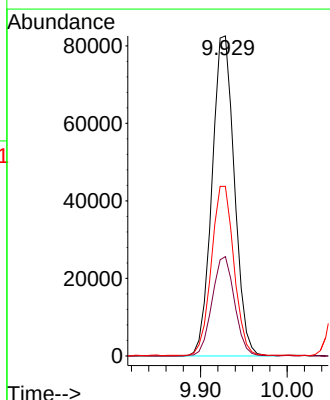
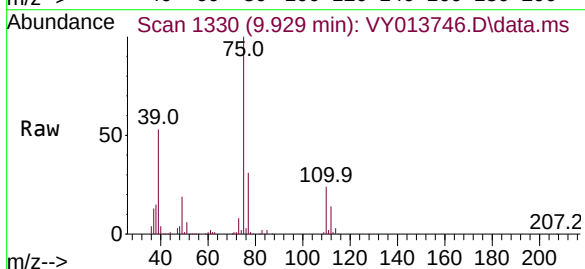
Instrument : MSVOA_Y
ClientSampleId : CB-14-G1-SO-14-050923MS

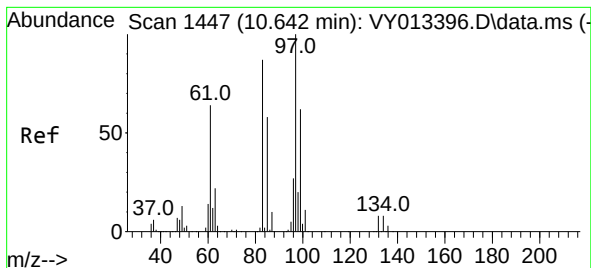
Tgt Ion: 75 Resp: 135679
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 55.985 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 75 Resp: 148028
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 52.8 38.1 57.1

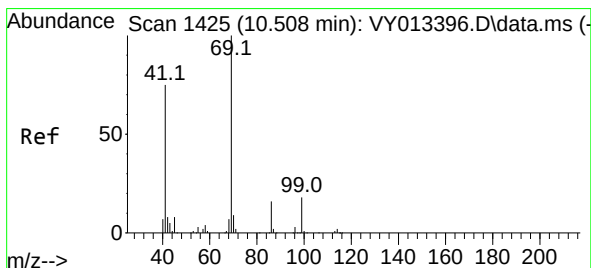
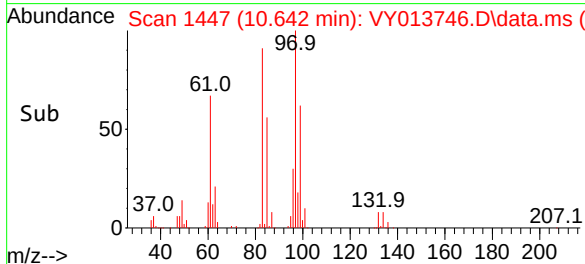
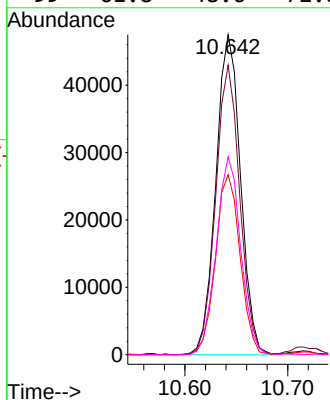
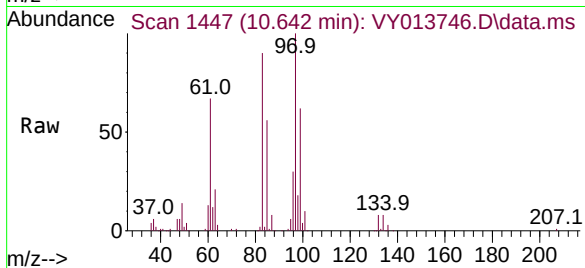




#55
1,1,2-Trichloroethane
Concen: 60.318 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

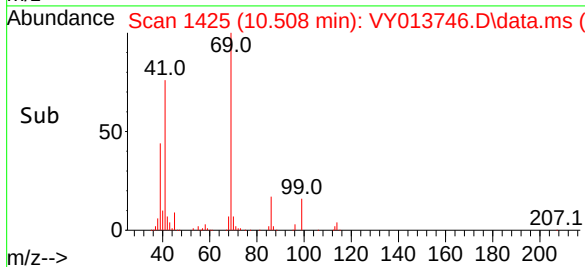
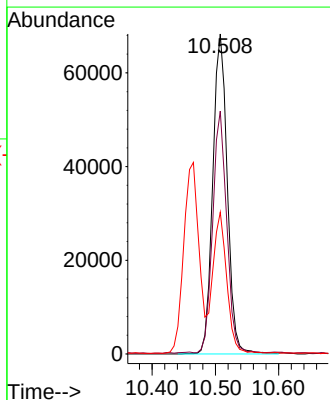
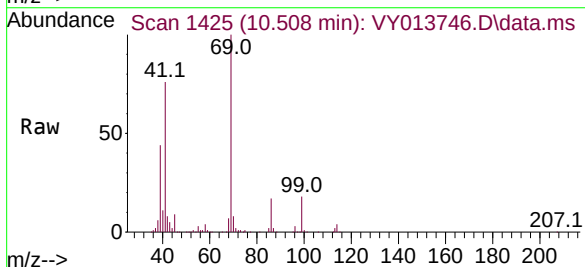
Instrument : MSVOA_Y
ClientSampleId : CB-14-G1-SO-14-050923MS

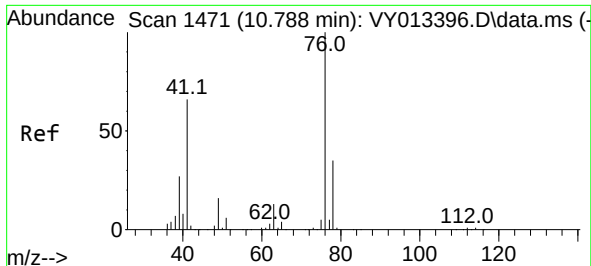
Tgt Ion:	97	Resp:	79259
Ion	Ratio	Lower	Upper
97	100		
83	90.5	66.4	99.6
85	56.2	45.6	68.4
99	61.8	48.6	72.8



#56
Ethyl methacrylate
Concen: 59.748 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion:	69	Resp:	108921
Ion	Ratio	Lower	Upper
69	100		
41	73.0	51.4	77.0
39	42.4	29.0	43.6





#57

1,3-Dichloropropane

Concen: 59.886 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

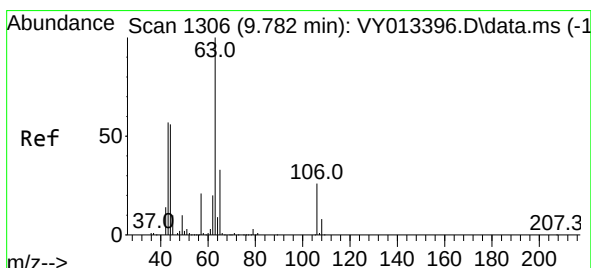
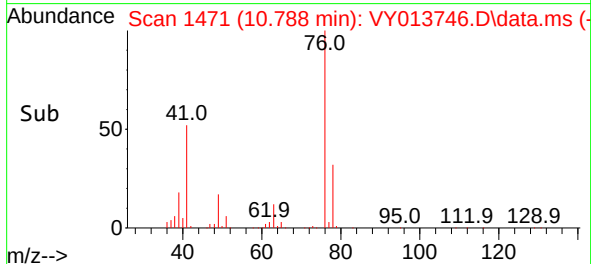
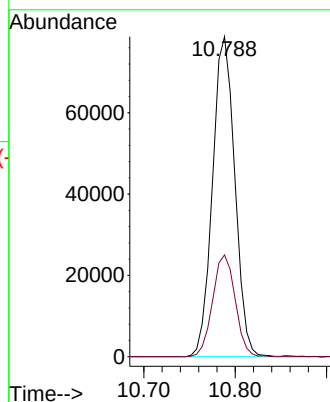
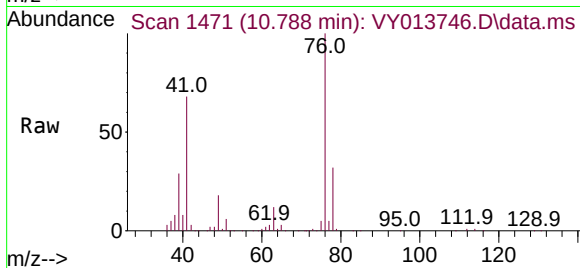
CB-14-G1-SO-14-050923MS

Tgt Ion: 76 Resp: 133272

Ion Ratio Lower Upper

76 100

78 32.2 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 270.968 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013746.D

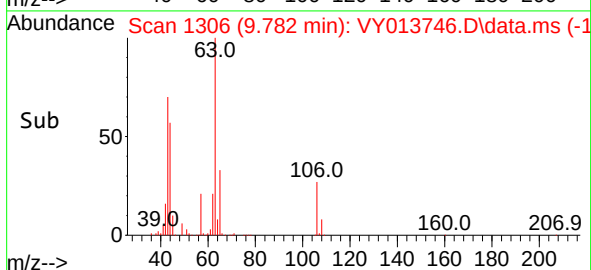
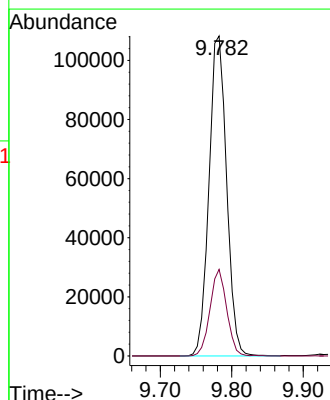
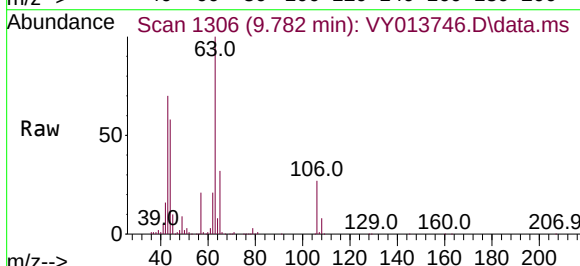
Acq: 15 May 2023 19:10

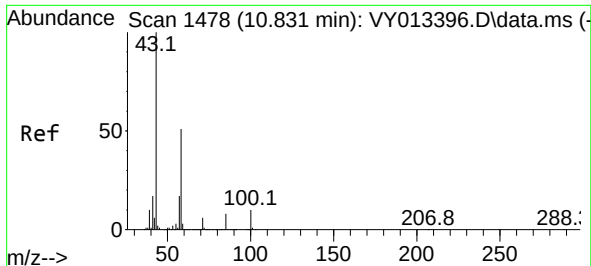
Tgt Ion: 63 Resp: 185233

Ion Ratio Lower Upper

63 100

106 25.6 23.5 35.3

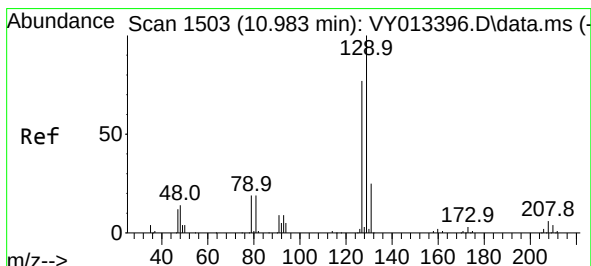
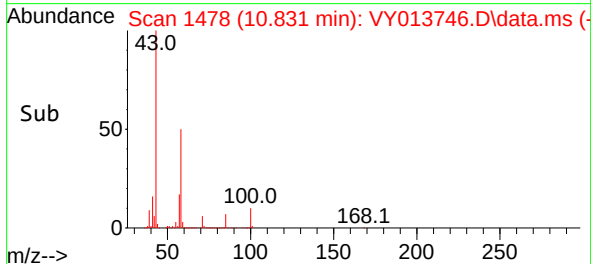
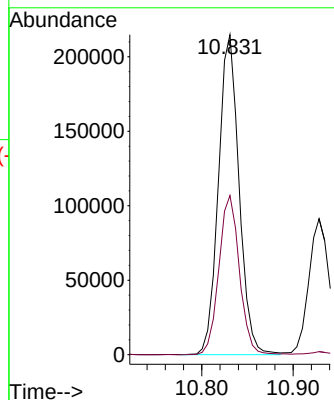
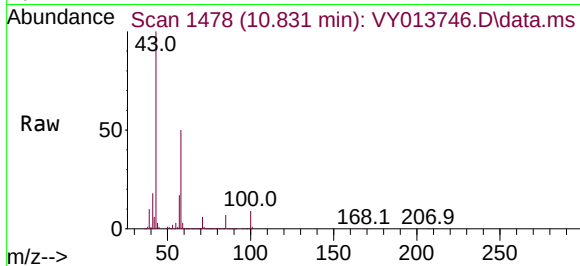




#59
2-Hexanone
Concen: 291.208 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

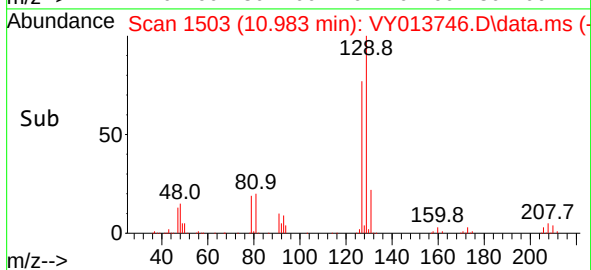
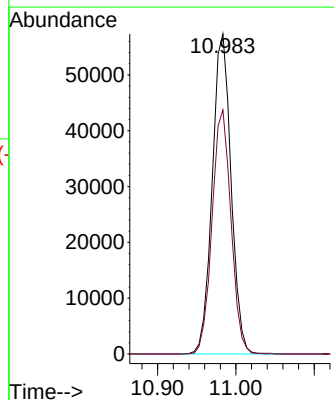
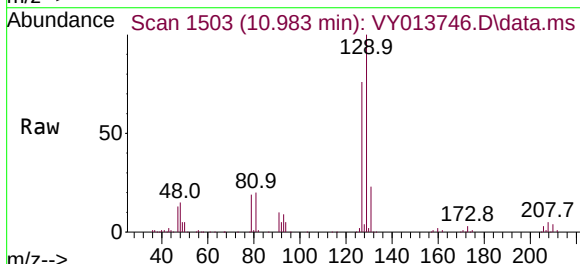
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

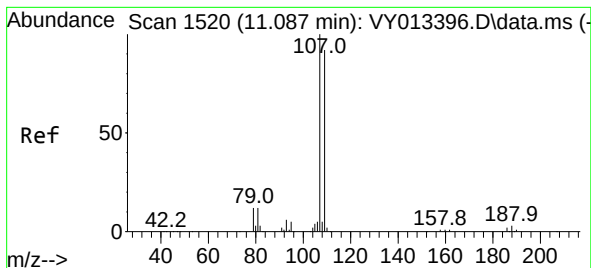
Tgt Ion: 43 Resp: 337363
Ion Ratio Lower Upper
43 100
58 49.4 26.3 78.8



#60
Dibromochloromethane
Concen: 59.880 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion:129 Resp: 95540
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1

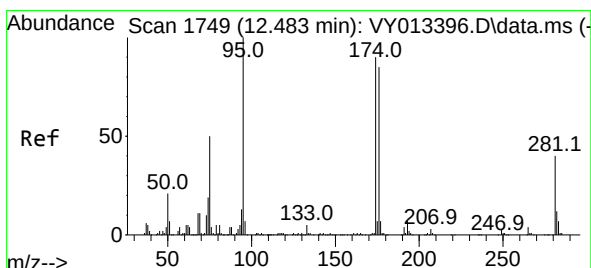
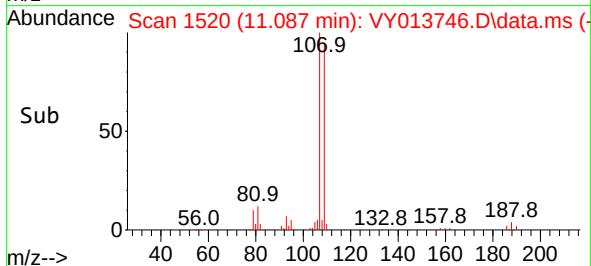
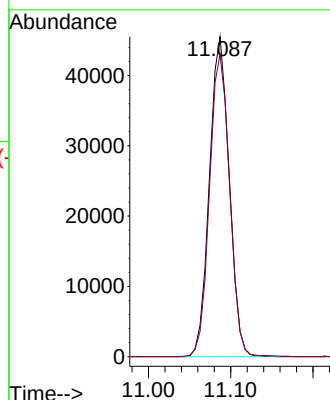
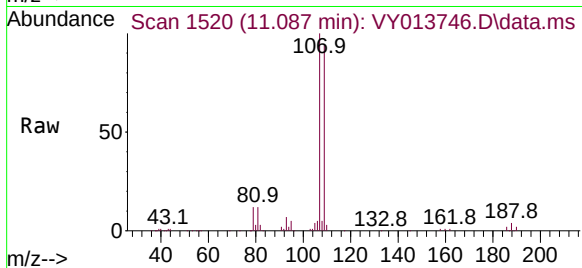




#61
1,2-Dibromoethane
Concen: 58.928 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

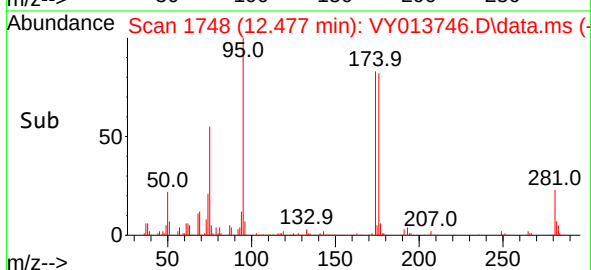
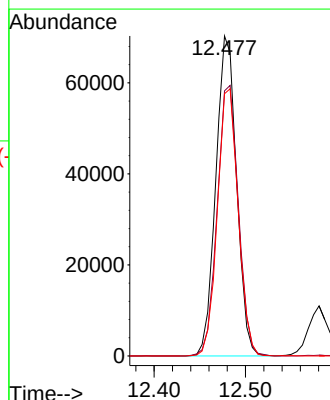
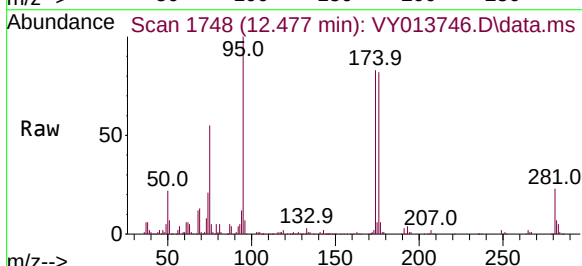
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

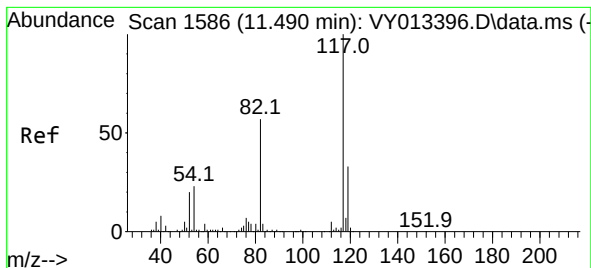
Tgt Ion:107 Resp: 76129
Ion Ratio Lower Upper
107 100
109 95.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 68.061 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 95 Resp: 110738
Ion Ratio Lower Upper
95 100
174 86.4 0.0 182.0
176 83.6 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: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MS

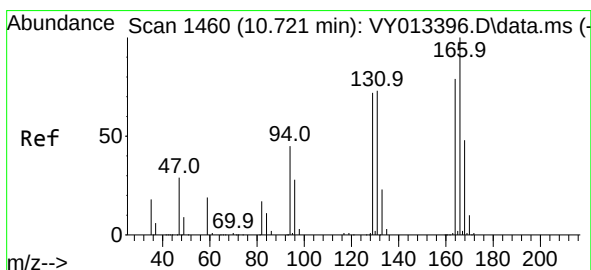
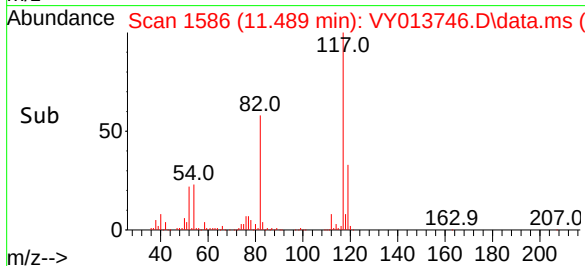
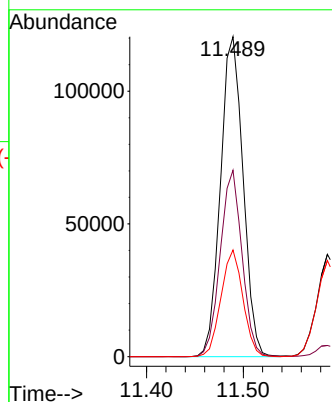
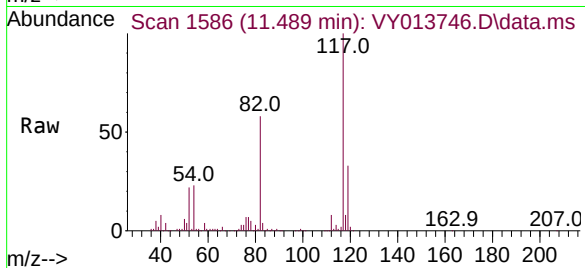
Tgt Ion:117 Resp: 195350

Ion Ratio Lower Upper

117 100

82 58.2 43.0 64.6

119 33.4 25.5 38.3



#64

Tetrachloroethene

Concen: 52.866 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Tgt Ion:164 Resp: 78530

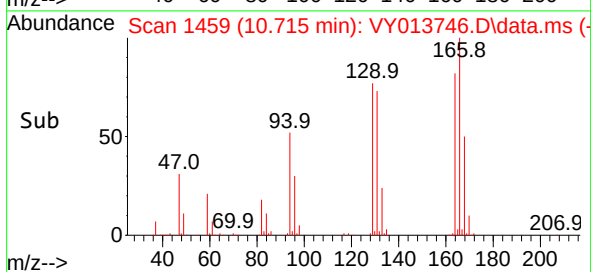
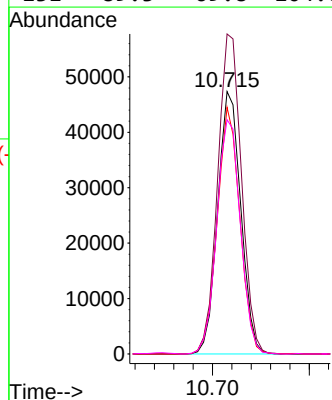
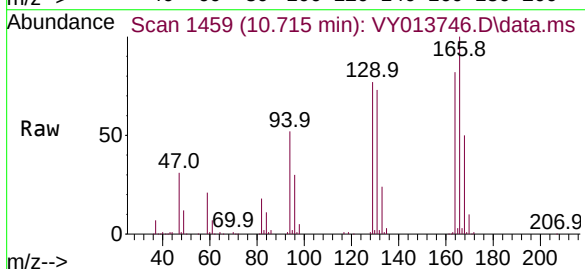
Ion Ratio Lower Upper

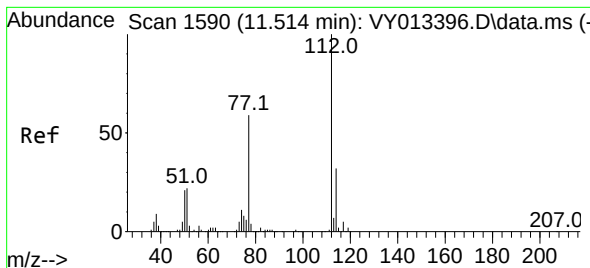
164 100

166 122.0 97.5 146.3

129 94.0 72.6 109.0

131 89.3 69.8 104.6





#65

Chlorobenzene

Concen: 53.121 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

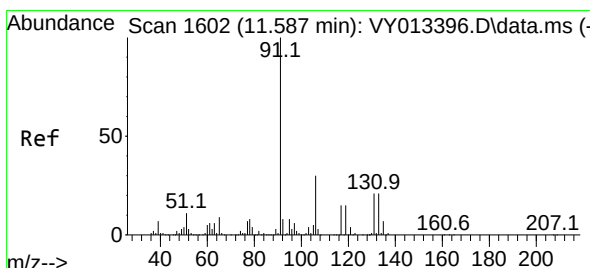
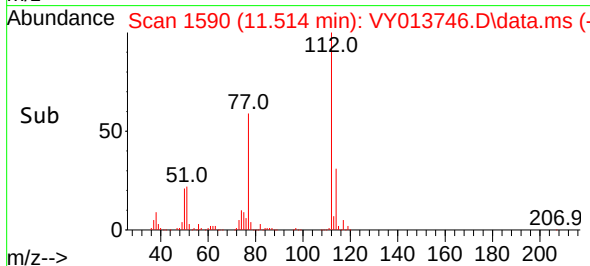
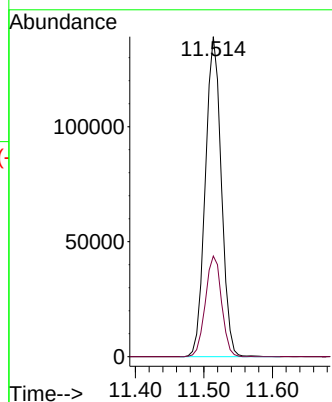
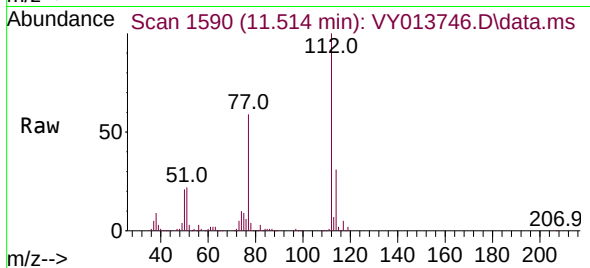
CB-14-G1-SO-14-050923MS

Tgt Ion:112 Resp: 226056

Ion Ratio Lower Upper

112 100

114 31.4 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 57.076 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

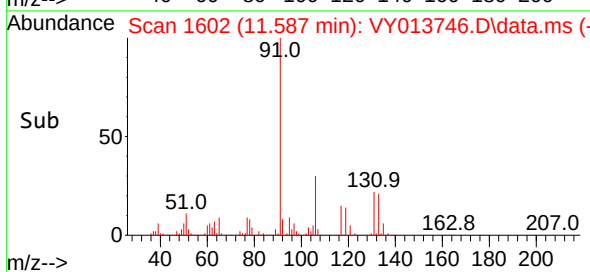
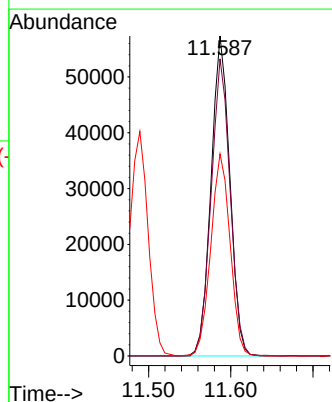
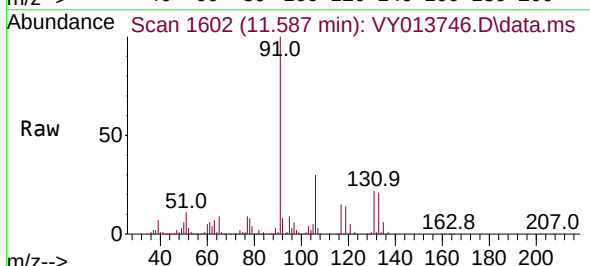
Tgt Ion:131 Resp: 90838

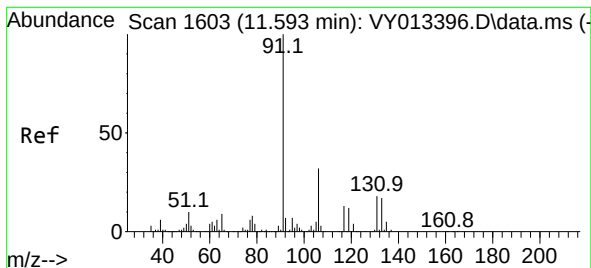
Ion Ratio Lower Upper

131 100

133 94.1 47.7 143.1

119 65.1 32.6 98.0





#67

Ethyl Benzene

Concen: 55.978 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

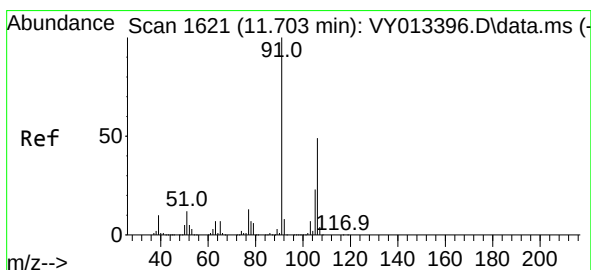
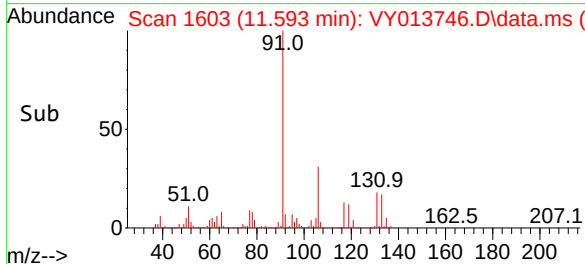
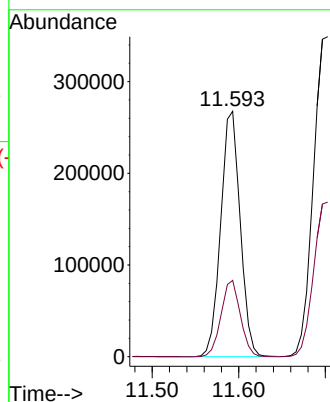
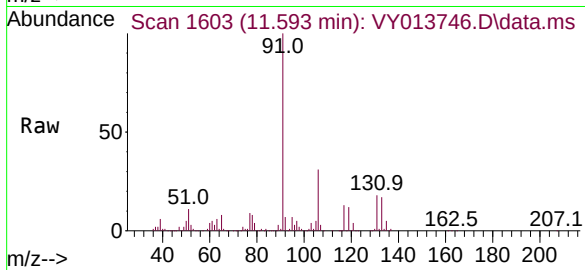
CB-14-G1-SO-14-050923MS

Tgt Ion: 91 Resp: 418304

Ion Ratio Lower Upper

91 100

106 31.1 25.1 37.7



#68

m/p-Xylenes

Concen: 109.800 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013746.D

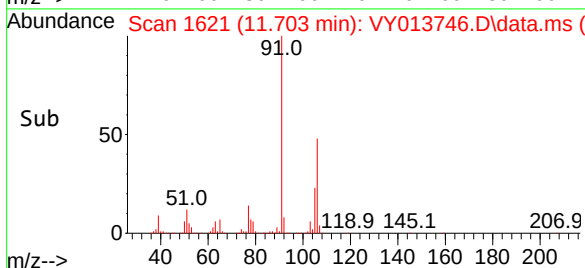
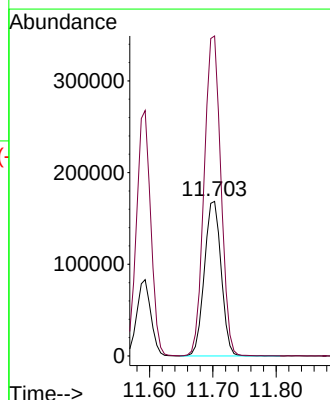
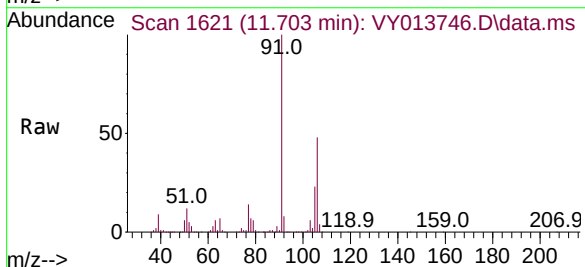
Acq: 15 May 2023 19:10

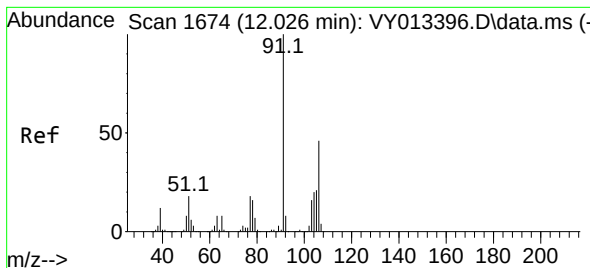
Tgt Ion: 106 Resp: 311913

Ion Ratio Lower Upper

106 100

91 206.2 160.9 241.3





#69

o-Xylene

Concen: 55.689 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

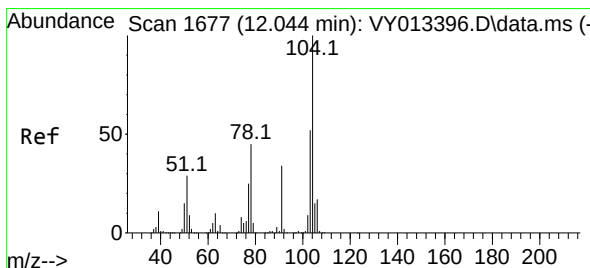
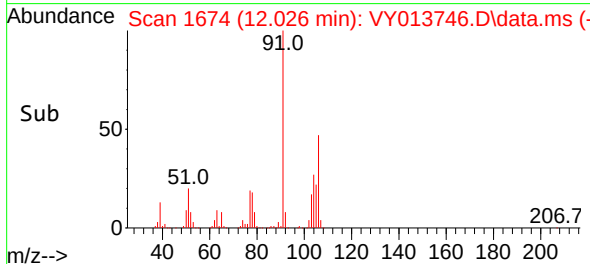
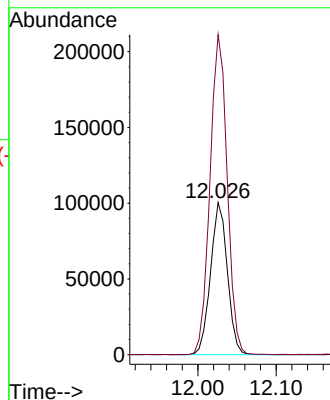
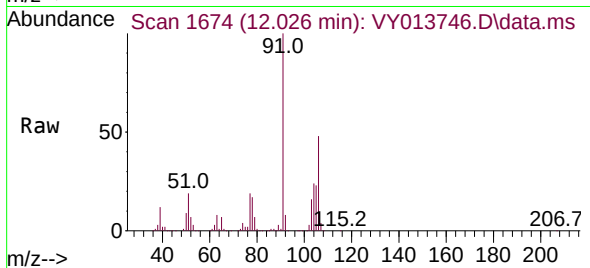
CB-14-G1-SO-14-050923MS

Tgt Ion:106 Resp: 149616

Ion Ratio Lower Upper

106 100

91 215.1 105.5 316.4



#70

Styrene

Concen: 56.648 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

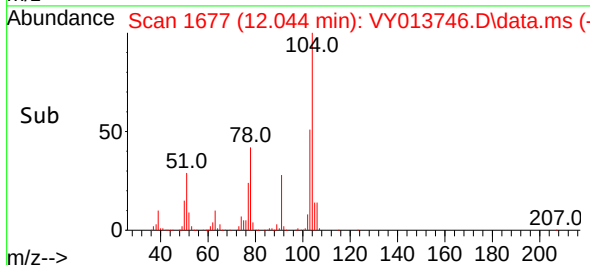
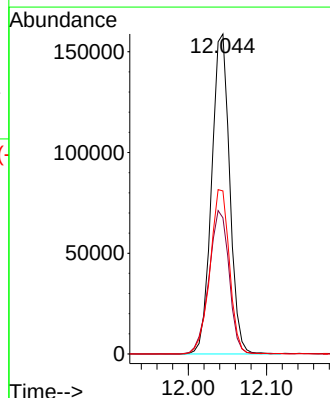
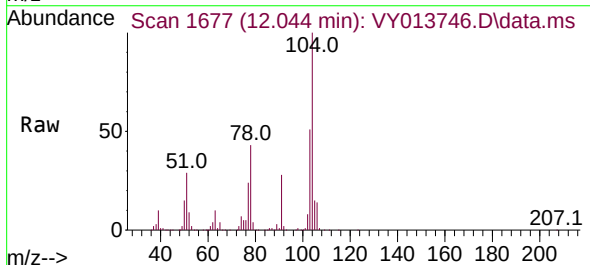
Tgt Ion:104 Resp: 254468

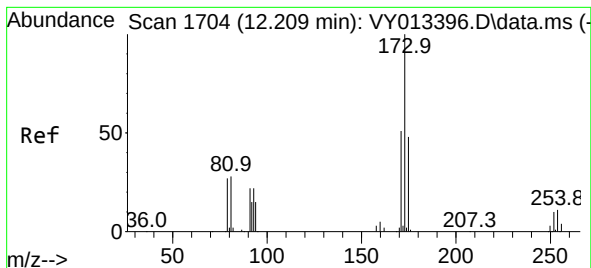
Ion Ratio Lower Upper

104 100

78 50.1 40.3 60.5

103 55.4 45.0 67.4





#71

Bromoform

Concen: 59.560 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013746.D

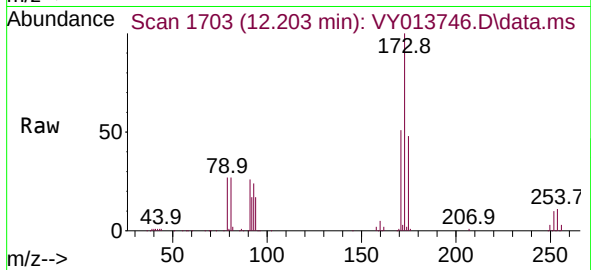
Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MS



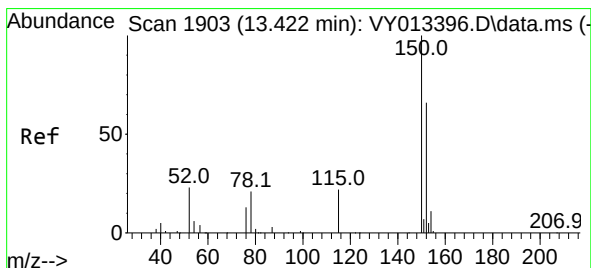
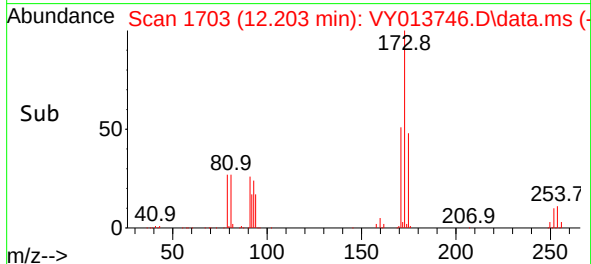
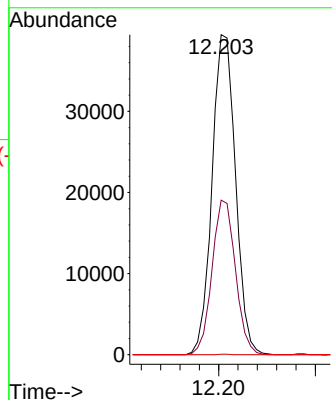
Tgt Ion:173 Resp: 66397

Ion Ratio Lower Upper

173 100

175 48.1 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: VY013746.D

Acq: 15 May 2023 19:10

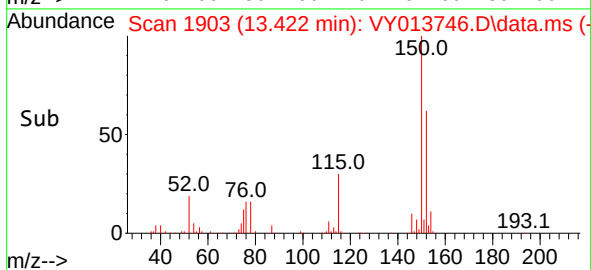
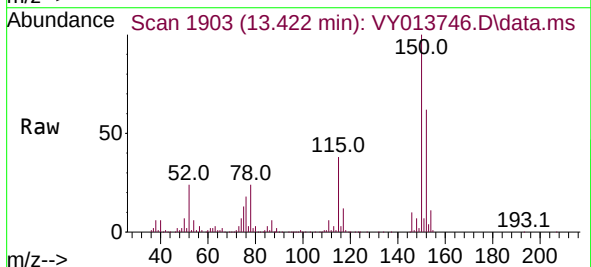
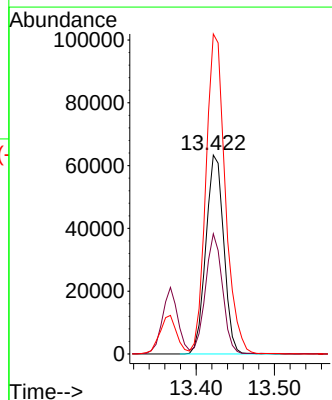
Tgt Ion:152 Resp: 100098

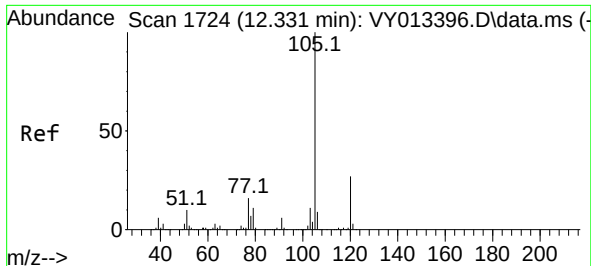
Ion Ratio Lower Upper

152 100

115 57.3 28.1 84.2

150 173.6 0.0 352.0

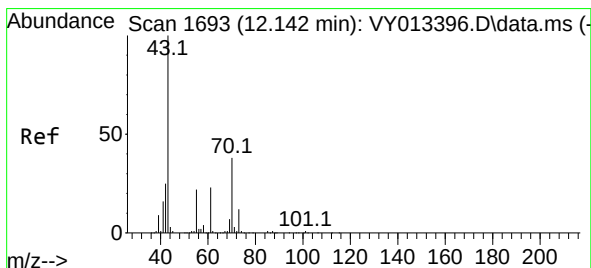
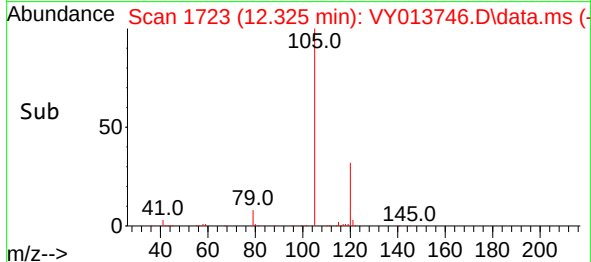
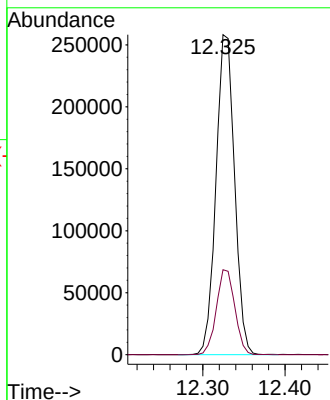
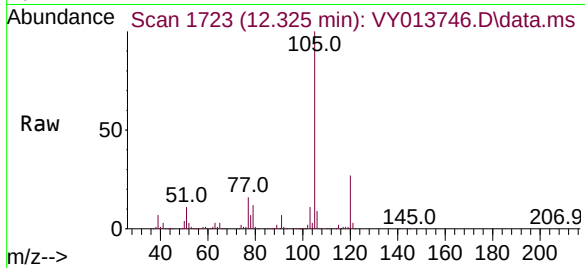




#73
Isopropylbenzene
Concen: 53.500 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

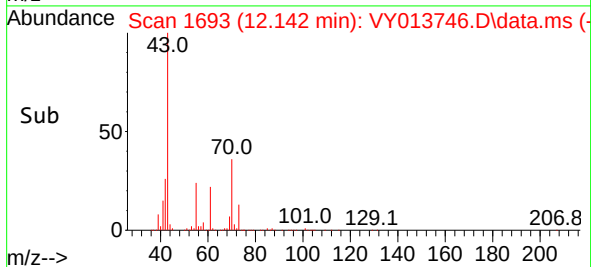
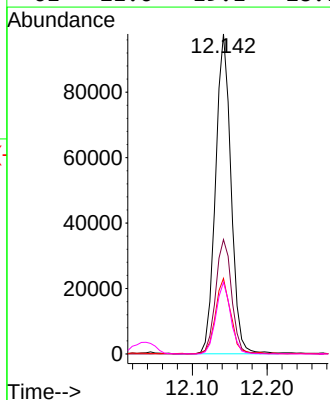
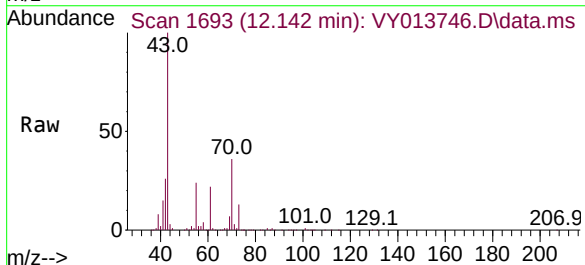
Instrument : MSVOA_Y
ClientSampleId : CB-14-G1-SO-14-050923MS

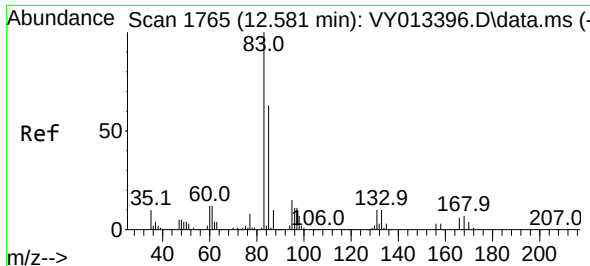
Tgt Ion:105 Resp: 405049
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0



#74
N-ethyl acetate
Concen: 52.064 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 43 Resp: 140273
Ion Ratio Lower Upper
43 100
70 36.9 33.0 49.4
55 23.4 19.8 29.6
61 21.6 19.1 28.7

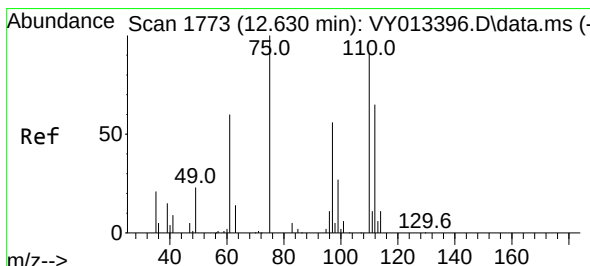
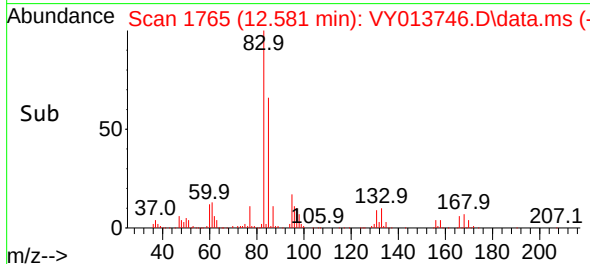
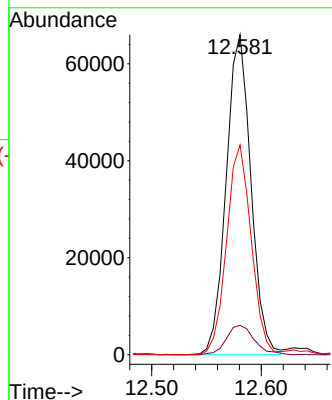
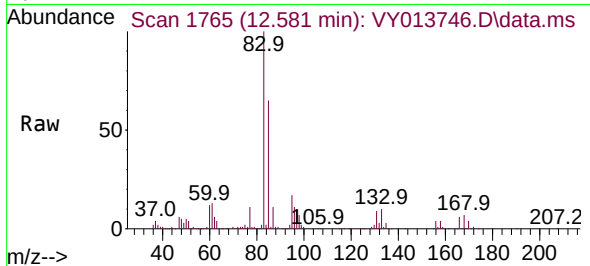




#75
1,1,2,2-Tetrachloroethane
Concen: 55.864 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

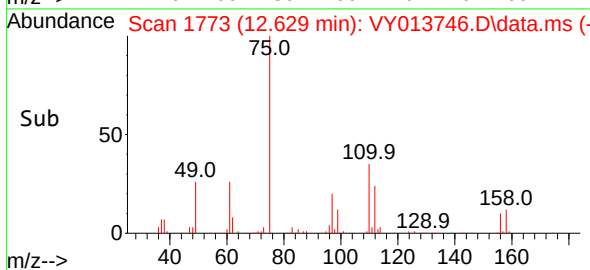
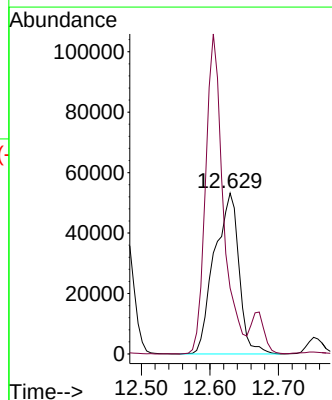
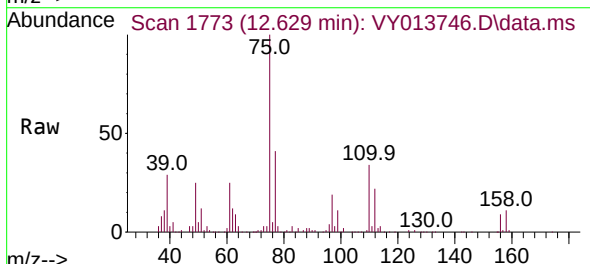
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

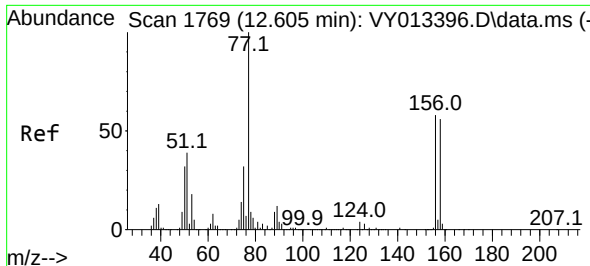
Tgt Ion: 83 Resp: 103381
Ion Ratio Lower Upper
83 100
131 10.3 5.7 17.0
85 65.3 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 98.555 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 75 Resp: 133043
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

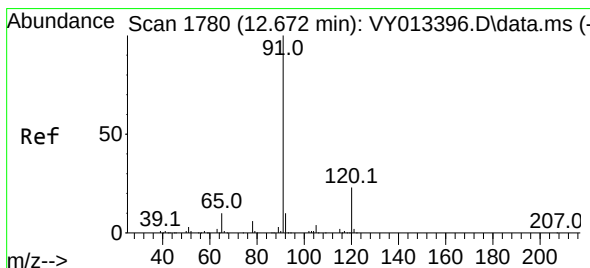
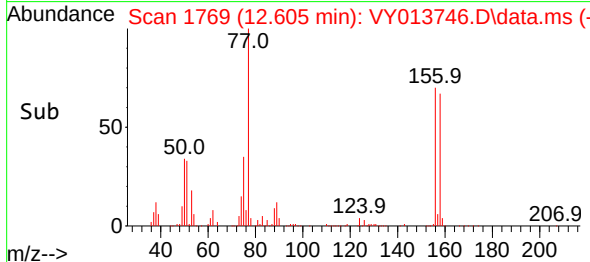
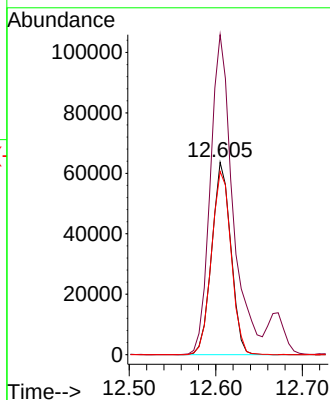
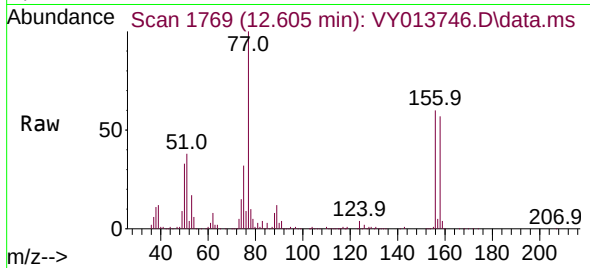




#77
Bromobenzene
Concen: 53.000 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

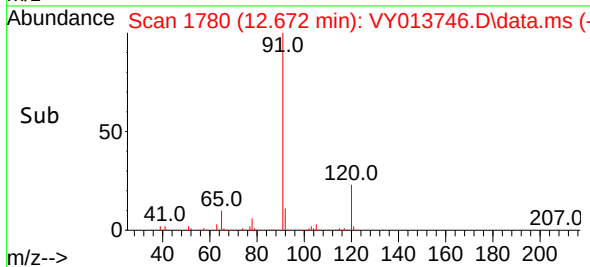
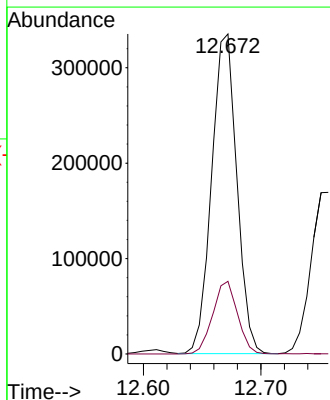
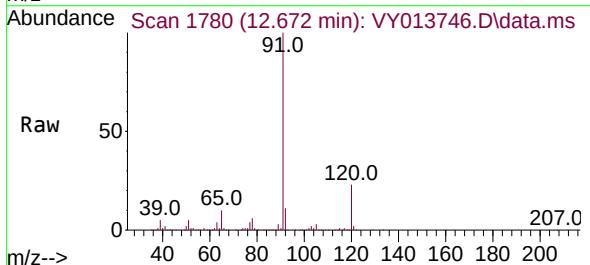
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

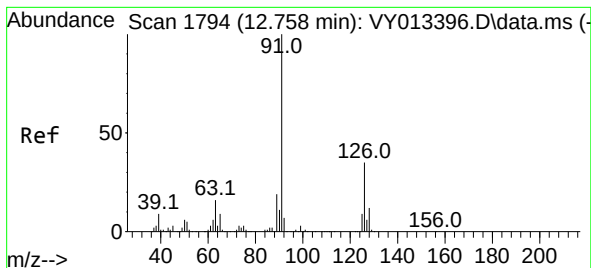
Tgt Ion:156 Resp: 97229
Ion Ratio Lower Upper
156 100
77 196.5 87.6 262.9
158 98.5 48.5 145.5



#78
n-propylbenzene
Concen: 53.615 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 91 Resp: 499989
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.9





#79

2-Chlorotoluene

Concen: 52.280 ug/l

RT: 12.757 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

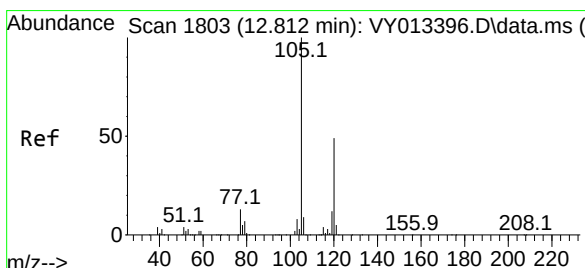
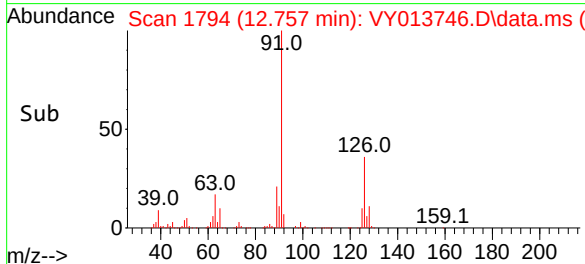
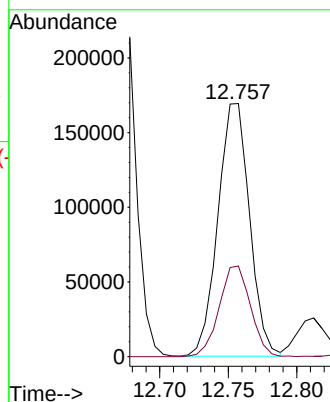
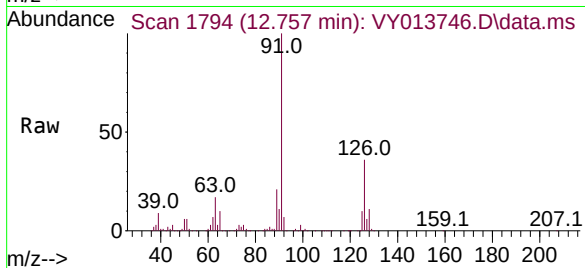
CB-14-G1-SO-14-050923MS

Tgt Ion: 91 Resp: 272255

Ion Ratio Lower Upper

91 100

126 35.6 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 53.250 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013746.D

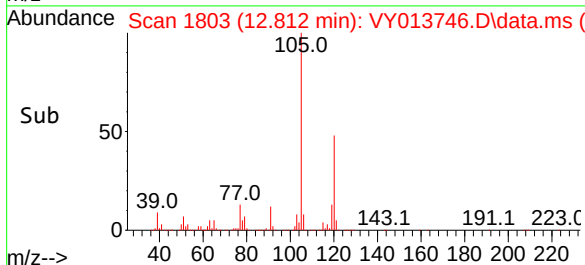
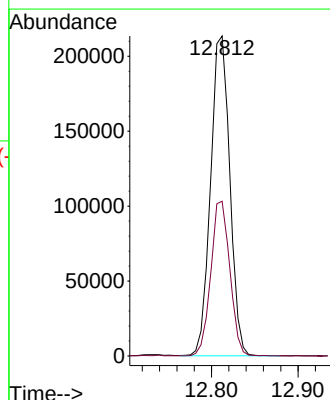
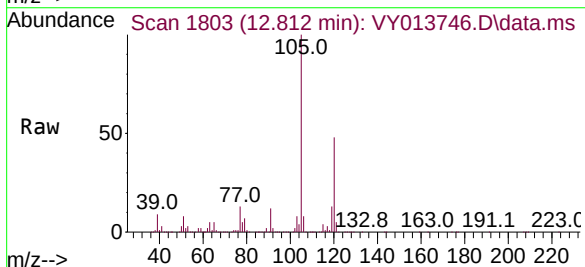
Acq: 15 May 2023 19:10

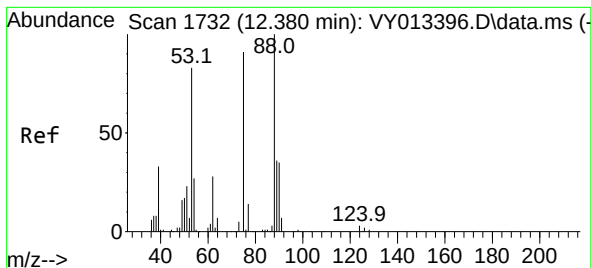
Tgt Ion:105 Resp: 329056

Ion Ratio Lower Upper

105 100

120 48.0 24.7 74.1

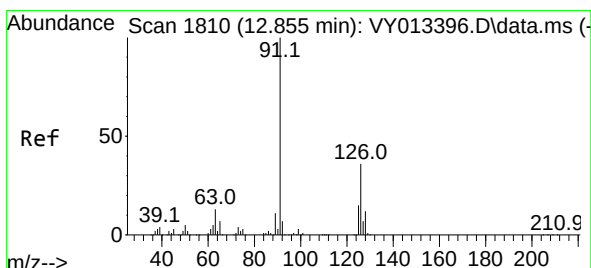
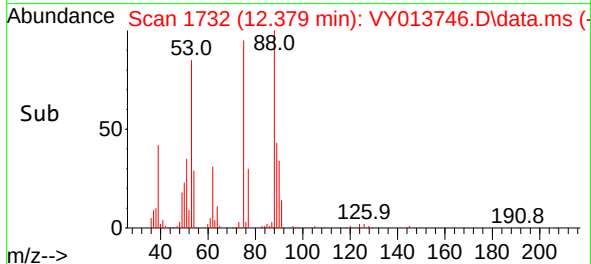
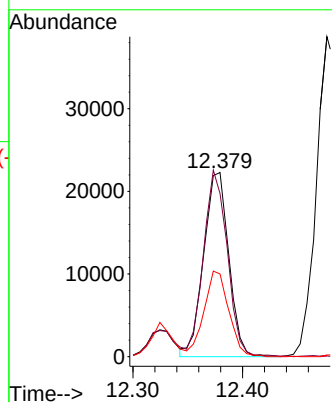
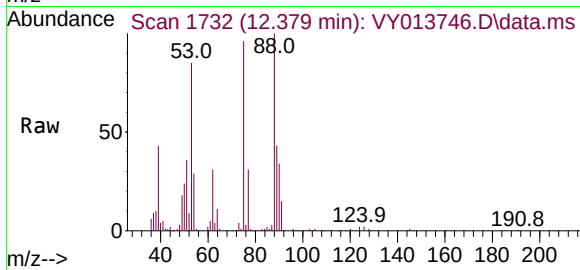




#81
trans-1,4-Dichloro-2-butene
Concen: 53.790 ug/l
RT: 12.379 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

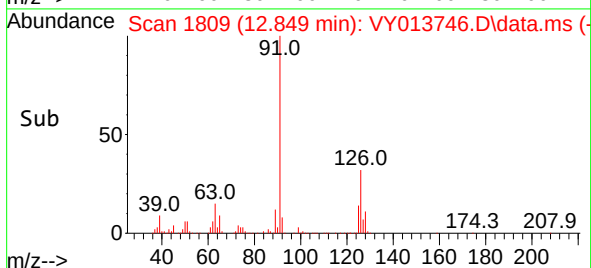
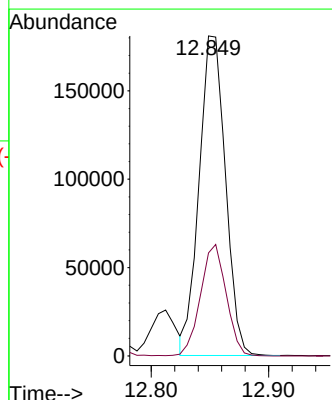
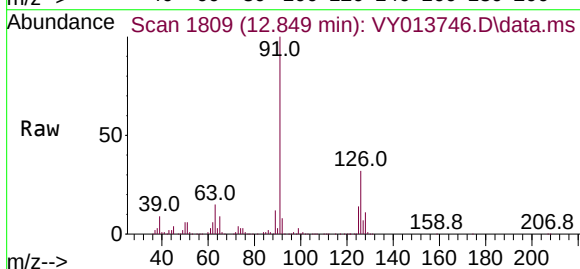
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

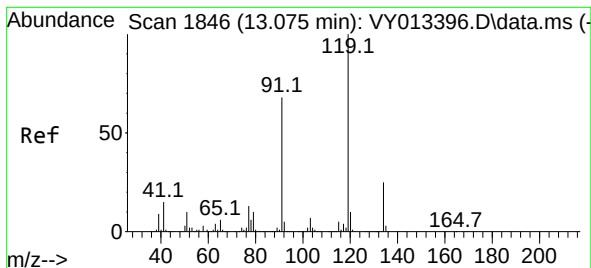
Tgt Ion: 75 Resp: 35498
Ion Ratio Lower Upper
75 100
53 95.9 73.2 109.8
89 45.7 38.0 57.0



#82
4-Chlorotoluene
Concen: 51.949 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion: 91 Resp: 281970
Ion Ratio Lower Upper
91 100
126 34.1 17.9 53.8





#83

tert-Butylbenzene

Concen: 55.893 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MS

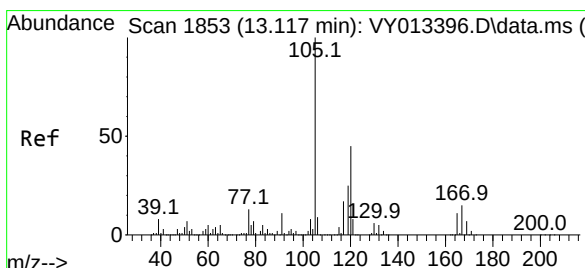
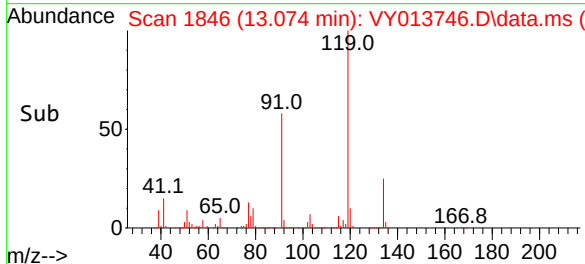
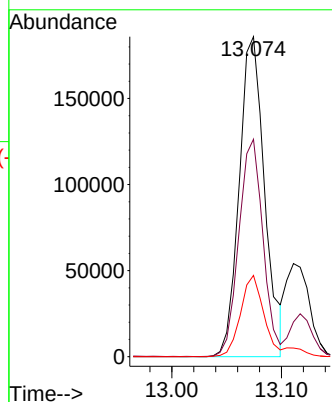
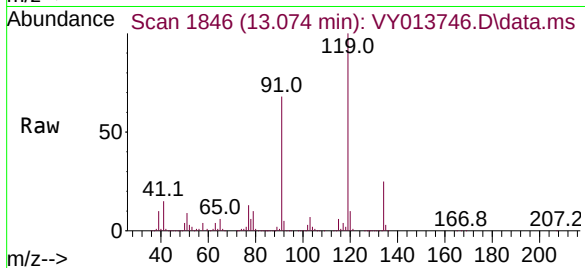
Tgt Ion:119 Resp: 299235

Ion Ratio Lower Upper

119 100

91 64.5 32.2 96.6

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 54.083 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013746.D

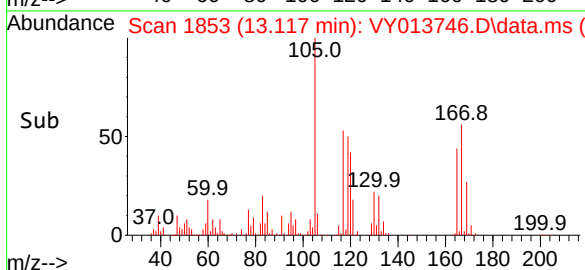
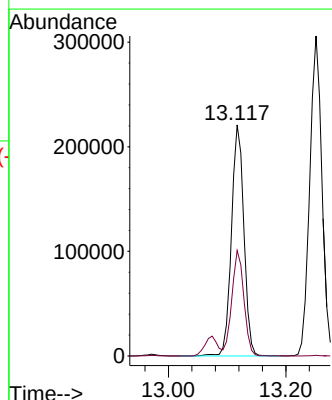
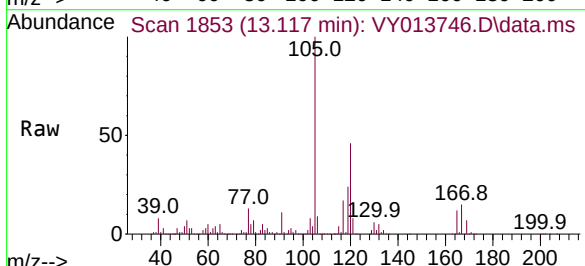
Acq: 15 May 2023 19:10

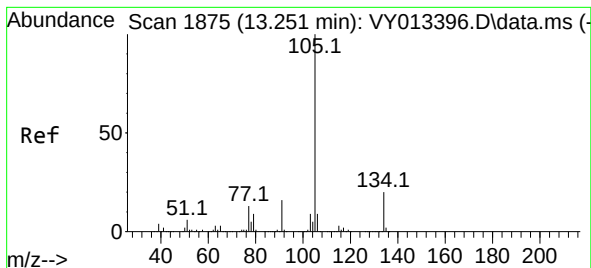
Tgt Ion:105 Resp: 324924

Ion Ratio Lower Upper

105 100

120 44.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 54.672 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

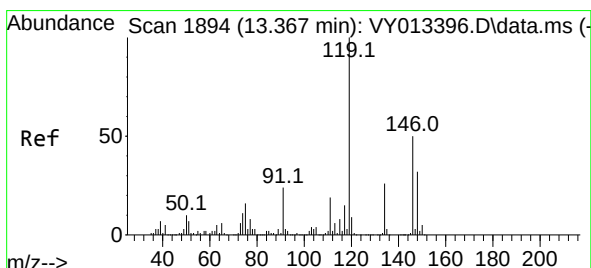
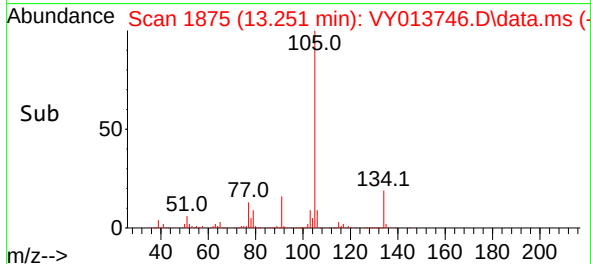
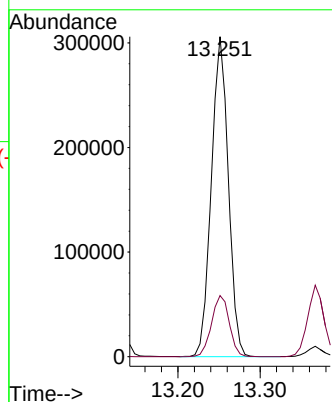
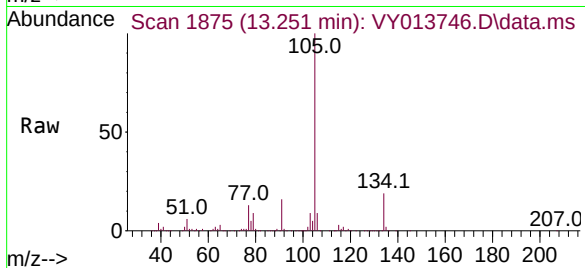
CB-14-G1-SO-14-050923MS

Tgt Ion:105 Resp: 439281

Ion Ratio Lower Upper

105 100

134 19.9 10.3 30.9



#86

p-Isopropyltoluene

Concen: 55.556 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

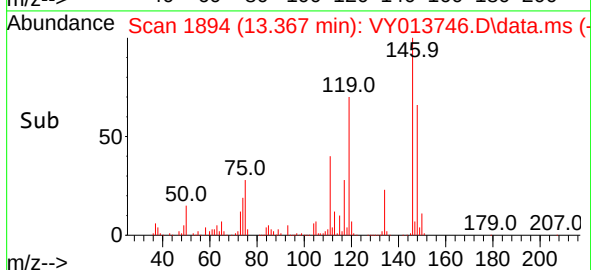
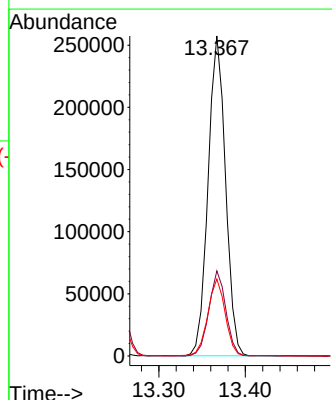
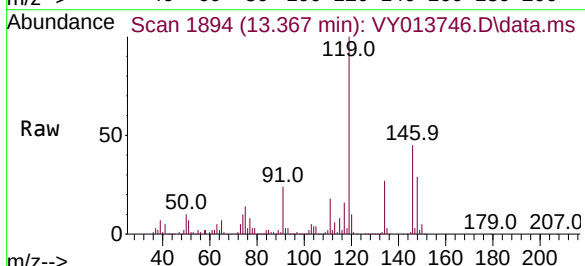
Tgt Ion:119 Resp: 358970

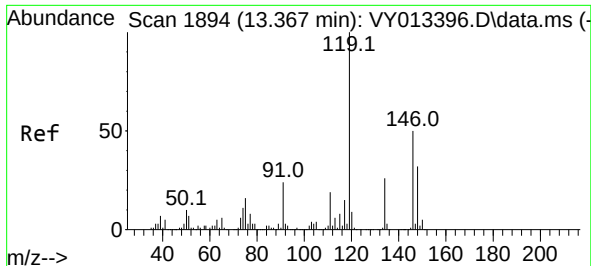
Ion Ratio Lower Upper

119 100

134 26.0 13.4 40.2

91 24.0 12.1 36.3

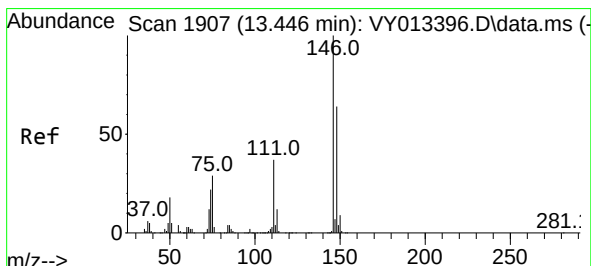
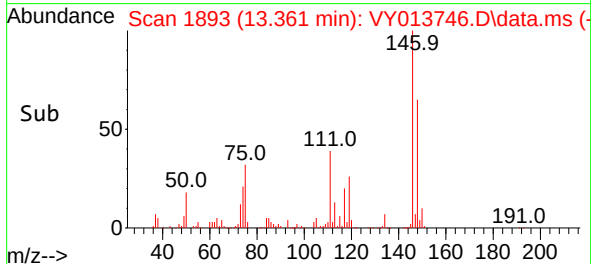
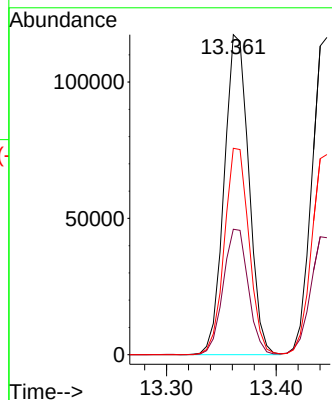
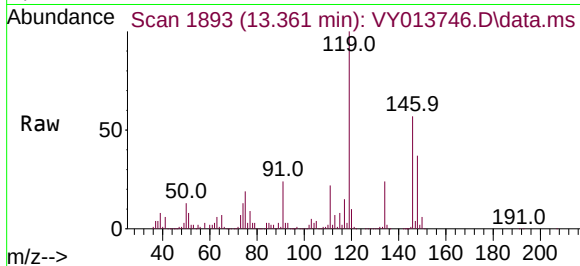




#87
1,3-Dichlorobenzene
Concen: 52.387 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

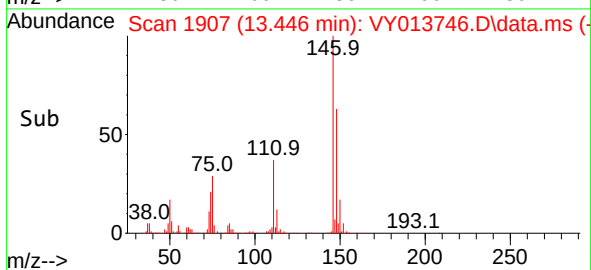
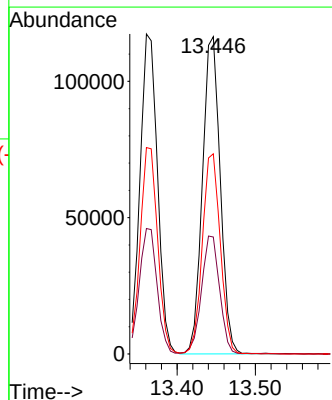
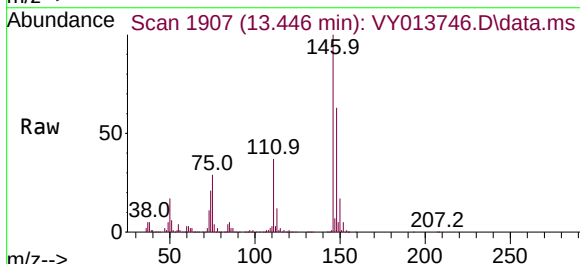
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923MS

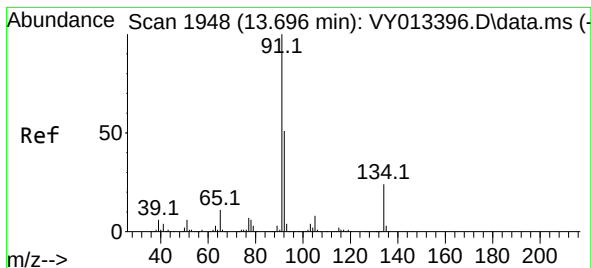
Tgt Ion:146 Resp: 183093
Ion Ratio Lower Upper
146 100
111 39.9 19.3 57.9
148 64.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 51.986 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013746.D
Acq: 15 May 2023 19:10

Tgt Ion:146 Resp: 183538
Ion Ratio Lower Upper
146 100
111 37.5 18.9 56.5
148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 54.103 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MS

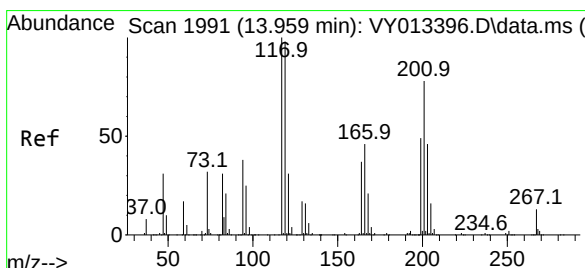
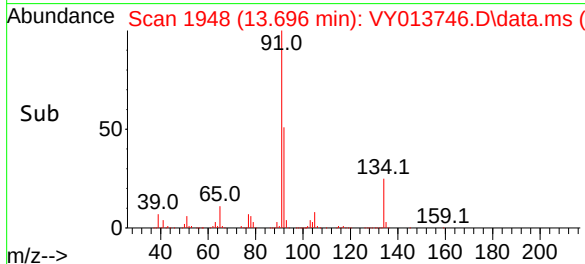
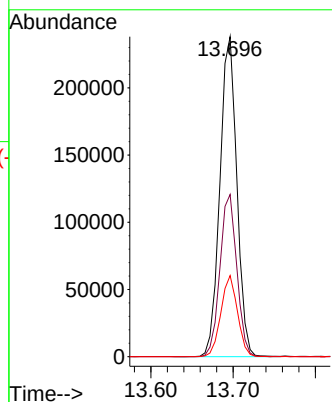
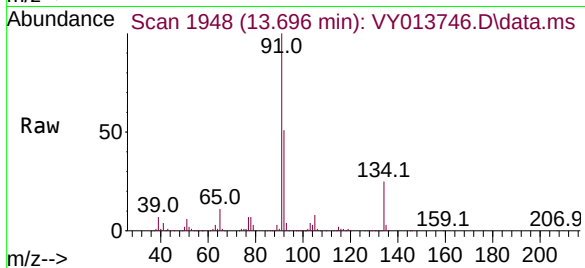
Tgt Ion: 91 Resp: 341200

Ion Ratio Lower Upper

91 100

92 50.4 25.8 77.3

134 24.8 13.5 40.4



#90

Hexachloroethane

Concen: 53.032 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013746.D

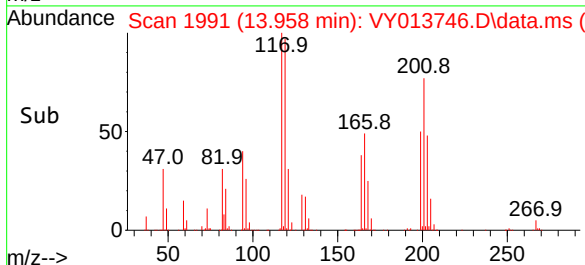
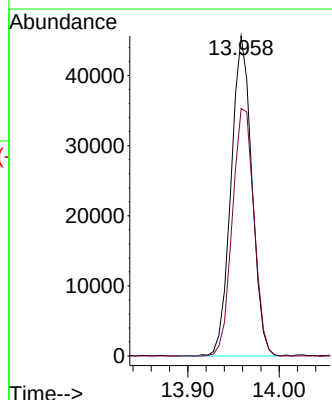
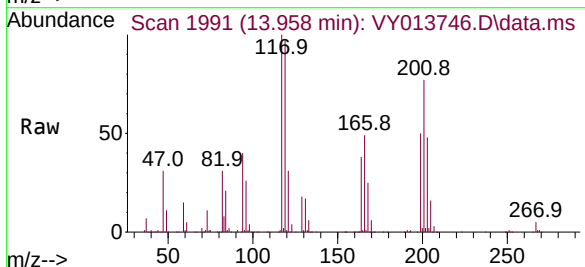
Acq: 15 May 2023 19:10

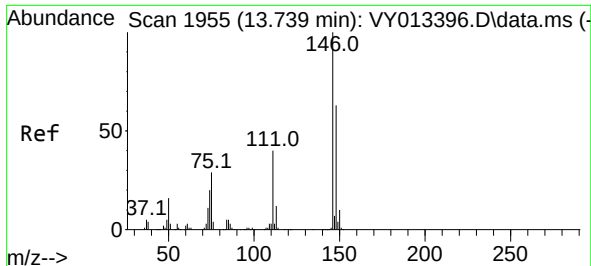
Tgt Ion: 117 Resp: 72119

Ion Ratio Lower Upper

117 100

201 80.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 53.562 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MS

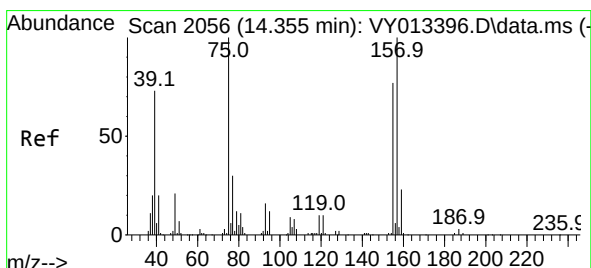
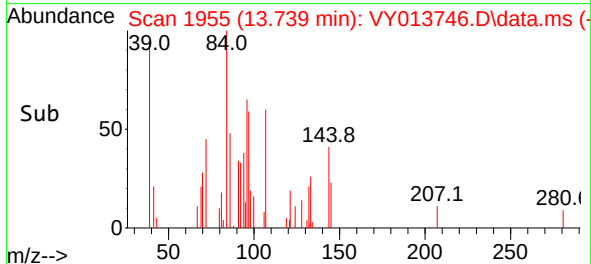
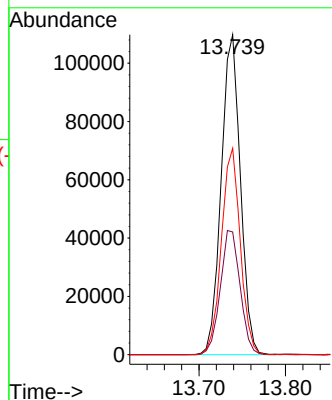
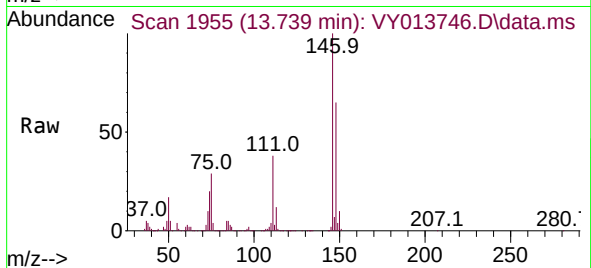
Tgt Ion:146 Resp: 169048

Ion Ratio Lower Upper

146 100

111 40.0 19.8 59.4

148 63.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.223 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

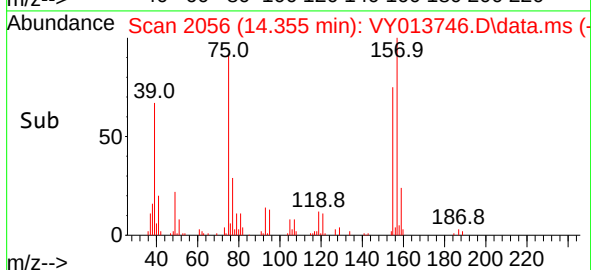
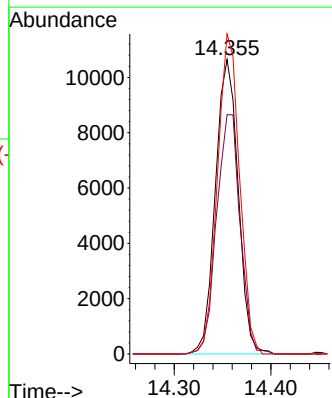
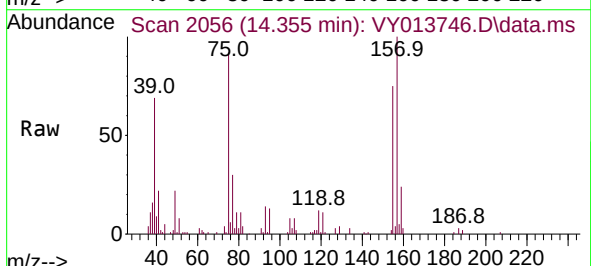
Tgt Ion: 75 Resp: 17395

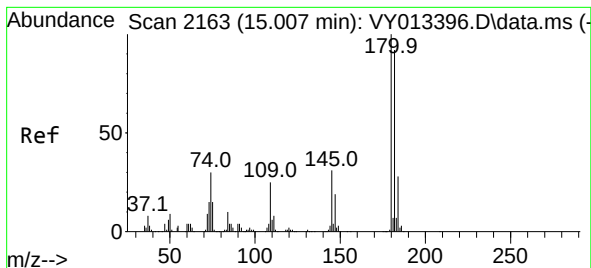
Ion Ratio Lower Upper

75 100

155 84.0 44.6 134.0

157 105.7 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 52.344 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MS

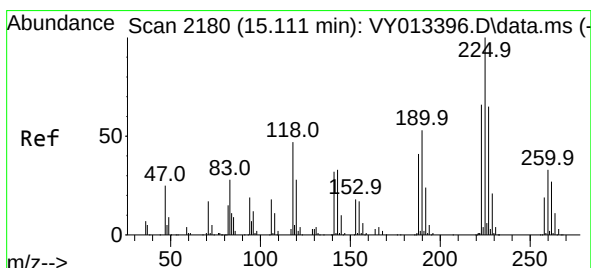
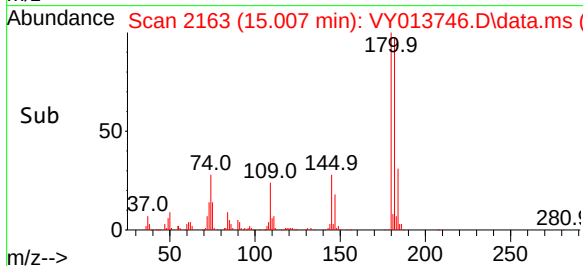
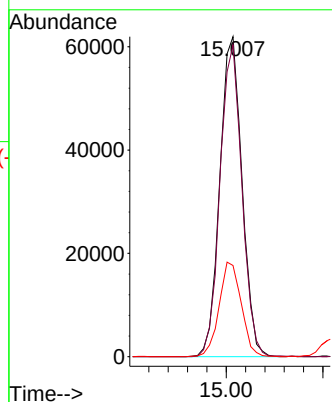
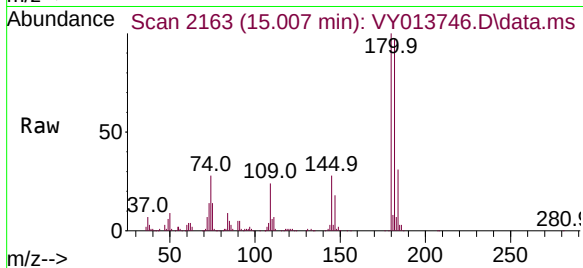
Tgt Ion:180 Resp: 98495

Ion Ratio Lower Upper

180 100

182 96.1 48.5 145.5

145 29.5 15.0 45.0



#94

Hexachlorobutadiene

Concen: 54.605 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

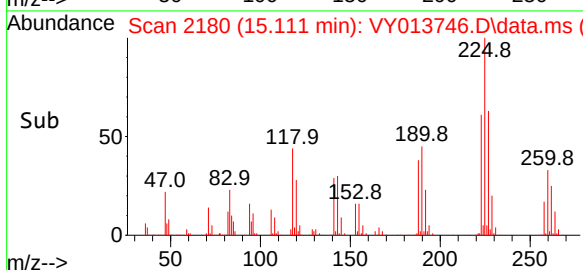
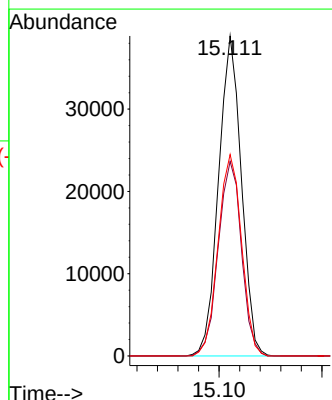
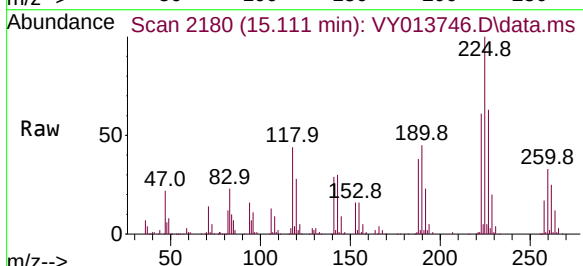
Tgt Ion:225 Resp: 59799

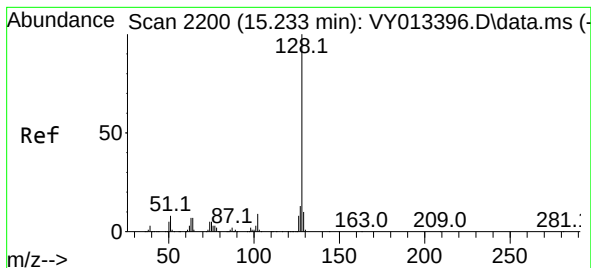
Ion Ratio Lower Upper

225 100

223 61.8 31.4 94.2

227 64.7 32.0 96.0





#95

Naphthalene

Concen: 53.780 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-14-050923MS

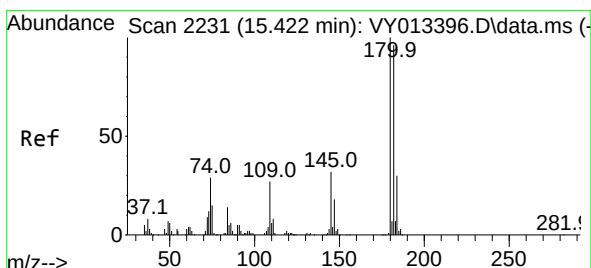
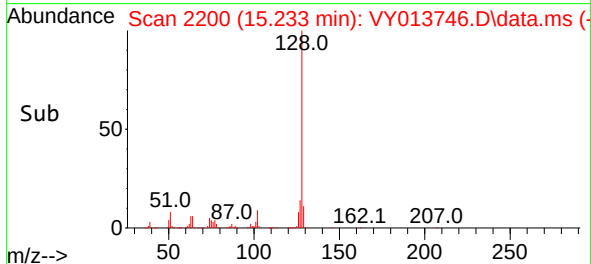
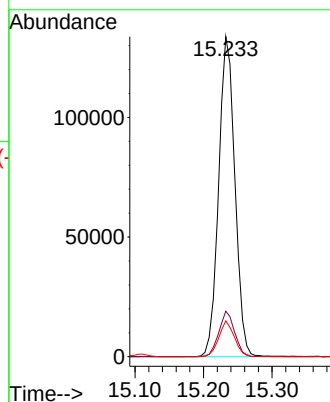
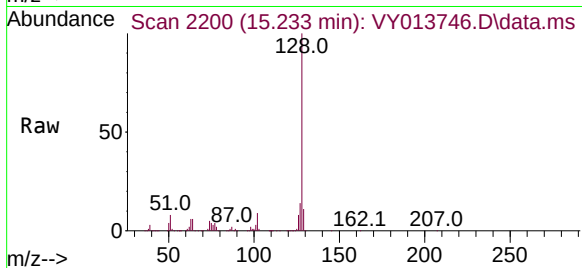
Tgt Ion:128 Resp: 219569

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 53.397 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013746.D

Acq: 15 May 2023 19:10

Tgt Ion:180 Resp: 89554

Ion Ratio Lower Upper

180 100

182 96.2 47.1 141.3

145 31.3 15.9 47.7

