

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013953.D
 Acq On : 31 May 2023 22:02
 Operator : KP/MD
 Sample : 02852-17MSD
 Misc : 6.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-69.5-051823MSD

Quant Time: Jun 01 03:32:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	156394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	259963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	247007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114232	63.135	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.280%	
35) Dibromofluoromethane	7.728	113	90526	53.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.840%	
50) Toluene-d8	10.185	98	311111	48.757	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.520%	
62) 4-Bromofluorobenzene	12.483	95	112780	53.174	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.340%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	76291	53.255	ug/l	98
3) Chloromethane	2.113	50	89623	51.353	ug/l	100
4) Vinyl Chloride	2.253	62	90141	50.506	ug/l	97
5) Bromomethane	2.656	94	75886	53.505	ug/l	96
6) Chloroethane	2.796	64	58323	50.149	ug/l	97
7) Trichlorofluoromethane	3.131	101	150990	50.267	ug/l	100
8) Diethyl Ether	3.534	74	55658	60.411	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	79915	49.078	ug/l	100
10) Methyl Iodide	4.095	142	88188	45.619	ug/l	96
11) Tert butyl alcohol	4.985	59	53585	386.598	ug/l	97
12) 1,1-Dichloroethene	3.881	96	77298	50.529	ug/l	99
13) Acrolein	3.741	56	63751	305.773	ug/l	98
14) Allyl chloride	4.491	41	117658	42.128	ug/l	96
15) Acrylonitrile	5.174	53	171914	363.924	ug/l	98
16) Acetone	3.960	43	148792	277.077	ug/l	100
17) Carbon Disulfide	4.204	76	244996	53.653	ug/l	98
18) Methyl Acetate	4.491	43	132897	71.334	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	256723	61.493	ug/l	97
20) Methylene Chloride	4.723	84	119553	63.473	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	84454	50.786	ug/l	95
22) Diisopropyl ether	6.131	45	305569	56.667	ug/l	98
23) Vinyl Acetate	6.070	43	987894	314.543	ug/l	99
24) 1,1-Dichloroethane	6.027	63	162192	51.522	ug/l	100
25) 2-Butanone	6.997	43	218092	332.826	ug/l	99
26) 2,2-Dichloropropane	6.984	77	133416	47.050	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	97714	52.306	ug/l	99
28) Bromochloromethane	7.344	49	47475	51.380	ug/l	99
29) Tetrahydrofuran	7.356	42	147571	377.199	ug/l	98
30) Chloroform	7.515	83	177334	55.563	ug/l	100
31) Cyclohexane	7.795	56	120133	43.215	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	149272	51.268	ug/l	98
36) 1,1-Dichloropropene	7.923	75	118434	46.316	ug/l	99
37) Ethyl Acetate	7.082	43	105950	67.925	ug/l	99
38) Carbon Tetrachloride	7.905	117	130965	45.036	ug/l	97
39) Methylcyclohexane	9.185	83	107580	35.924	ug/l	97
40) Benzene	8.167	78	357788	48.715	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	144522	169.814	ug/l #	34
42) 1,2-Dichloroethane	8.240	62	138986	57.797	ug/l	100
43) Isopropyl Acetate	8.277	43	177541	62.462	ug/l	100
44) Trichloroethene	8.947	130	93712	47.360	ug/l	100
45) 1,2-Dichloropropane	9.222	63	96176	51.117	ug/l	100
46) Dibromomethane	9.307	93	62681	58.170	ug/l	99
47) Bromodichloromethane	9.502	83	133128	50.697	ug/l	99
48) Methyl methacrylate	9.295	41	81444	61.019	ug/l	92
49) 1,4-Dioxane	9.313	88	17609	1390.497	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	513856	339.231	ug/l	100
52) Toluene	10.246	92	216882	48.431	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	133256	49.852	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	137255	45.835	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	83119	57.337	ug/l	98
56) Ethyl methacrylate	10.514	69	118413	61.192	ug/l	98
57) 1,3-Dichloropropane	10.795	76	142570	57.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	151491	245.348	ug/l	99
59) 2-Hexanone	10.837	43	362601	336.528	ug/l	99
60) Dibromochloromethane	10.990	129	97373	53.100	ug/l	99
61) 1,2-Dibromoethane	11.093	107	82784	60.030	ug/l	97
64) Tetrachloroethene	10.721	164	82500	45.141	ug/l	96
65) Chlorobenzene	11.520	112	234805	45.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	96509	48.301	ug/l	100
67) Ethyl Benzene	11.593	91	403314	43.291	ug/l	99
68) m/p-Xylenes	11.703	106	311887	88.462	ug/l	99
69) o-Xylene	12.032	106	152112	45.802	ug/l	99
70) Styrene	12.044	104	267563	47.562	ug/l	99
71) Bromoform	12.209	173	70260	53.801	ug/l #	96
73) Isopropylbenzene	12.331	105	372082	41.512	ug/l	100
74) N-amyl acetate	12.142	43	156228	57.973	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	111381	60.028	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	136977	96.464	ug/l #	100
77) Bromobenzene	12.611	156	105329	47.892	ug/l	98
78) n-propylbenzene	12.672	91	446768	40.347	ug/l	99
79) 2-Chlorotoluene	12.758	91	268266	43.372	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	310387	41.952	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	30728	46.973	ug/l	99
82) 4-Chlorotoluene	12.855	91	283518	44.349	ug/l	98
83) tert-Butylbenzene	13.075	119	243401	37.772	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	312003	42.960	ug/l	100
85) sec-Butylbenzene	13.258	105	337089	35.215	ug/l	99
86) p-Isopropyltoluene	13.373	119	281579	35.590	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	186312	43.861	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	188160	44.493	ug/l	99
89) n-Butylbenzene	13.697	91	234810	30.949	ug/l	99
90) Hexachloroethane	13.965	117	55160	33.957	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	179403	47.523	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20839	64.105	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	85838	36.678	ug/l	98
94) Hexachlorobutadiene	15.111	225	26232	17.777	ug/l	98
95) Naphthalene	15.239	128	244012	47.706	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	81322	39.074	ug/l	98

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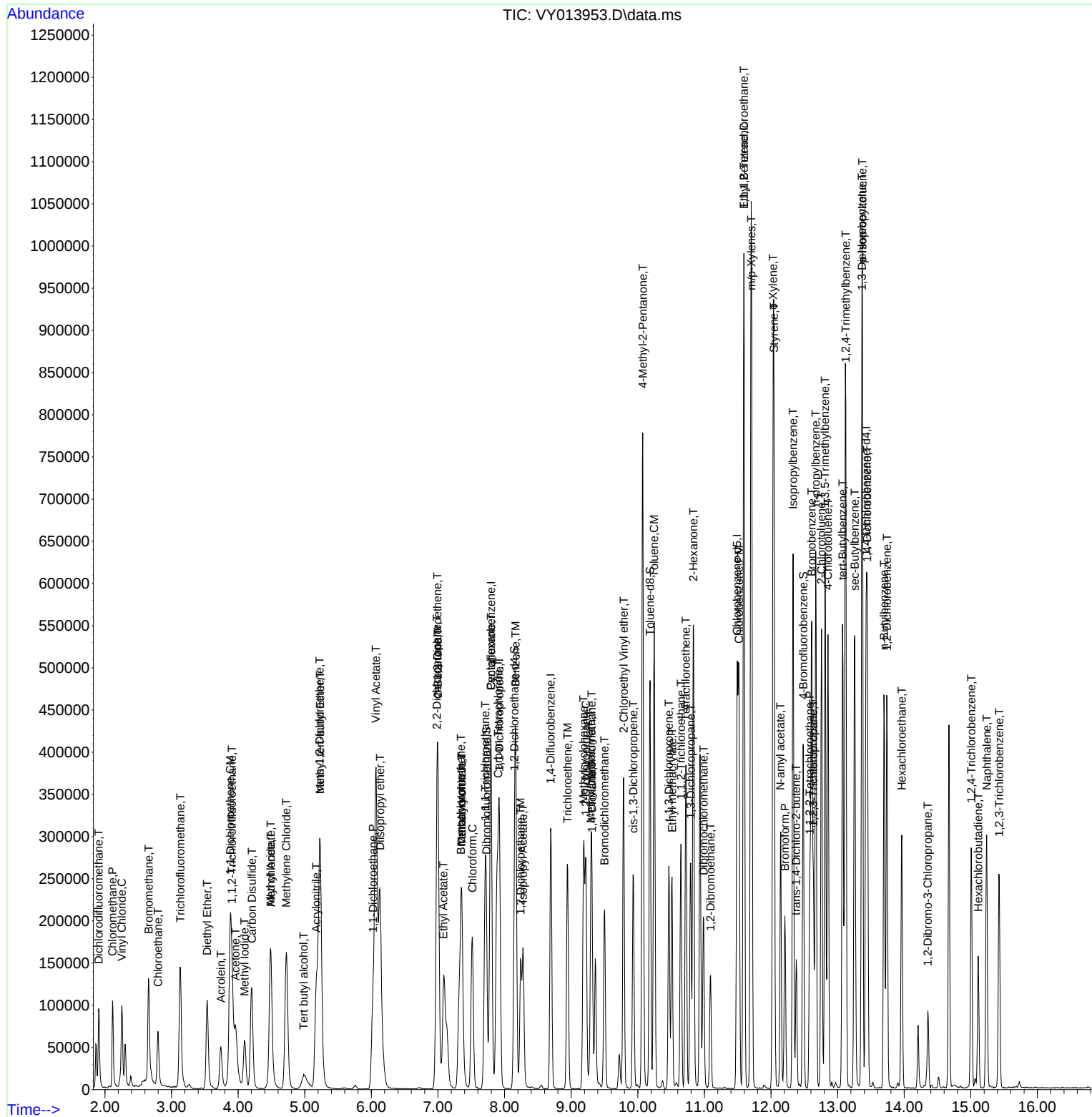
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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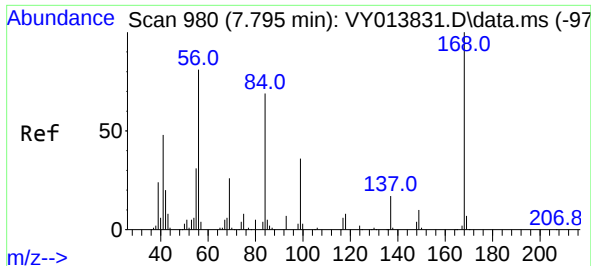
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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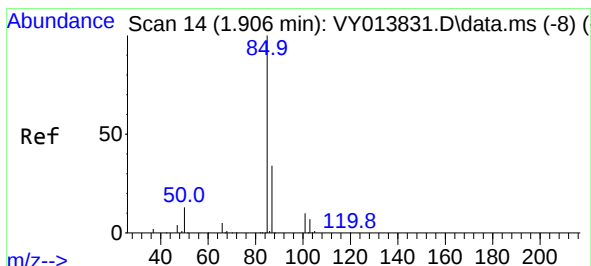
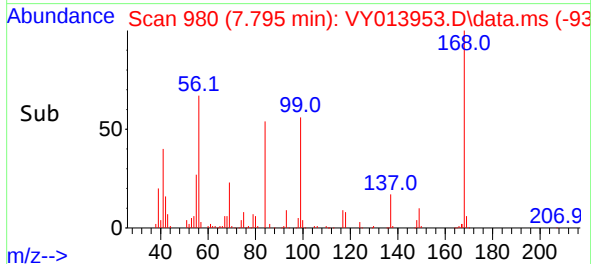
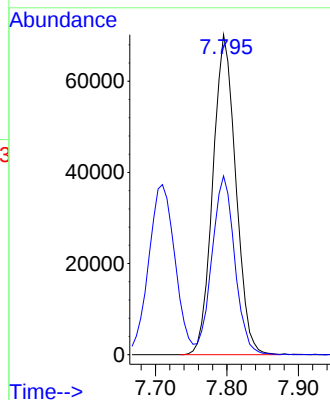
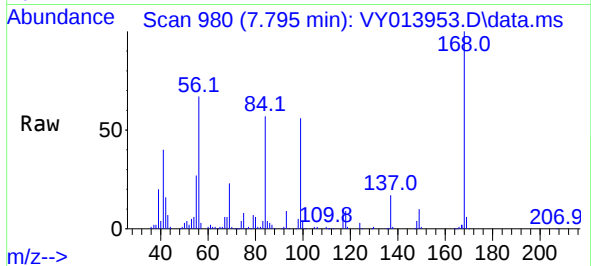




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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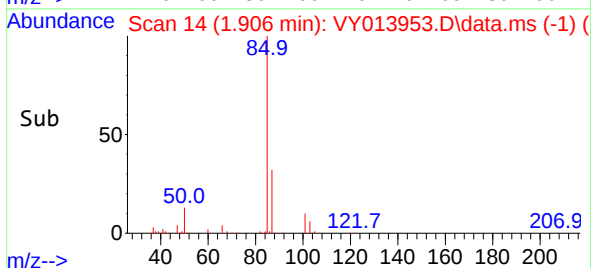
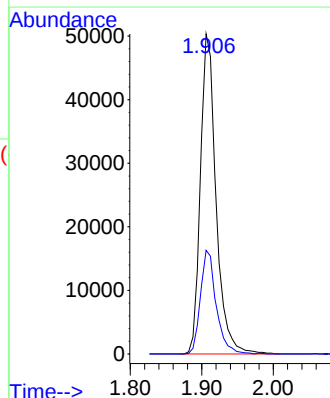
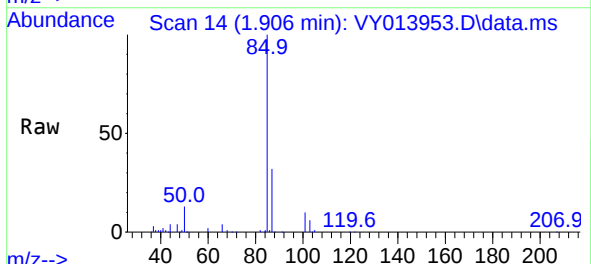
Instrument :
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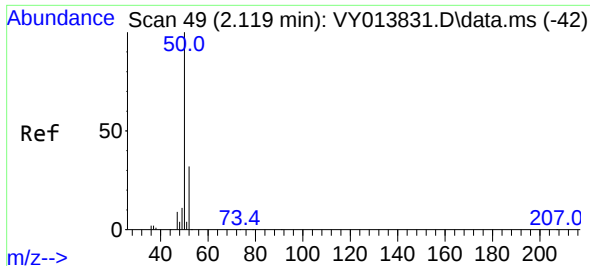
Tgt Ion:168 Resp: 156394
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.2



#2
Dichlorodifluoromethane
Concen: 53.255 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 85 Resp: 76291
Ion Ratio Lower Upper
85 100
87 32.4 16.9 50.7

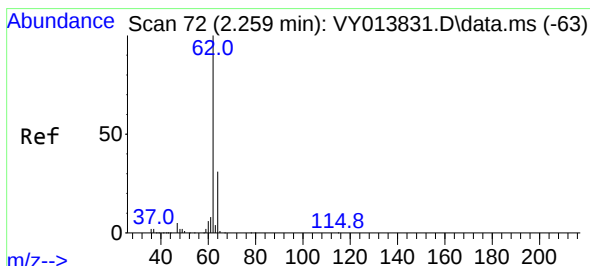
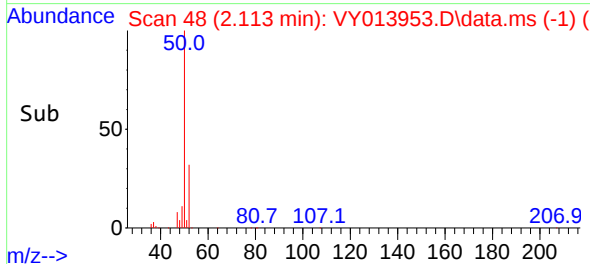
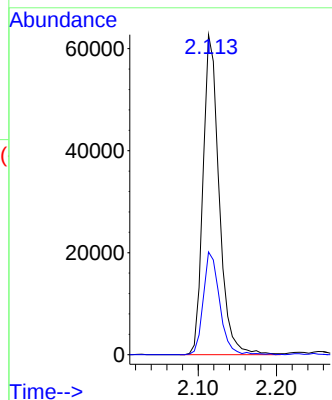
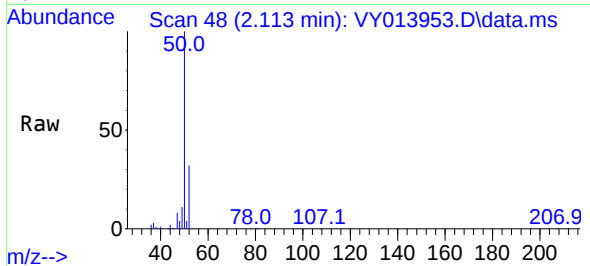




#3
Chloromethane
Concen: 51.353 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013953.D
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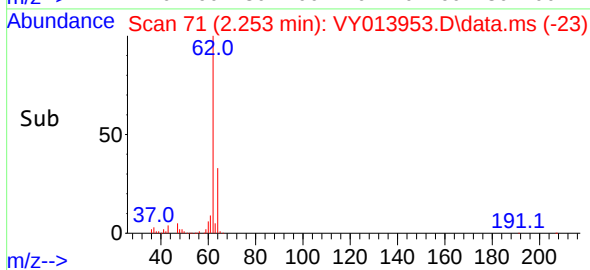
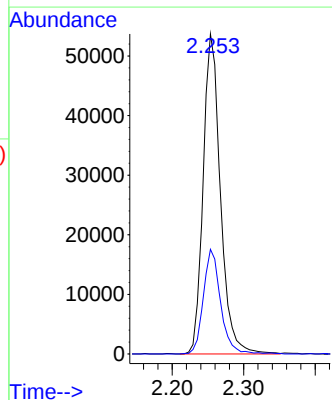
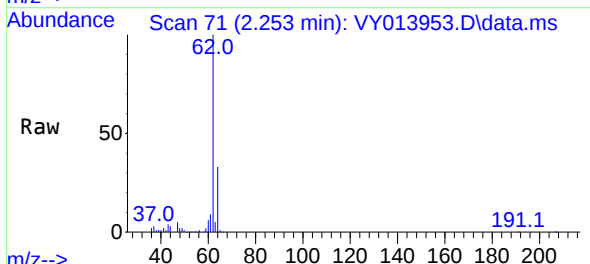
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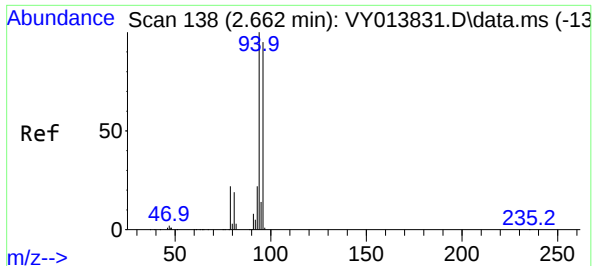
Tgt Ion: 50 Resp: 89623
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5



#4
Vinyl Chloride
Concen: 50.506 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013953.D
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Tgt Ion: 62 Resp: 90141
Ion Ratio Lower Upper
62 100
64 32.7 24.8 37.2

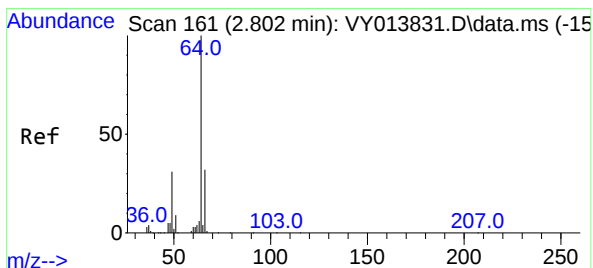
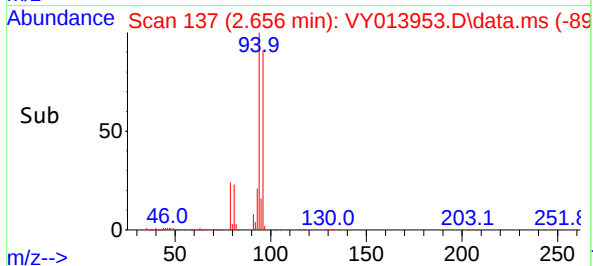
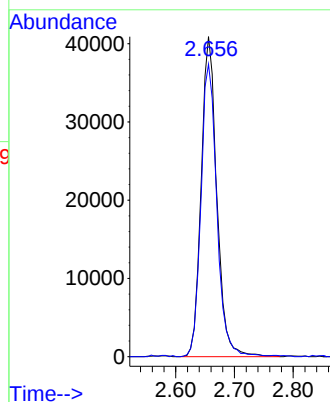
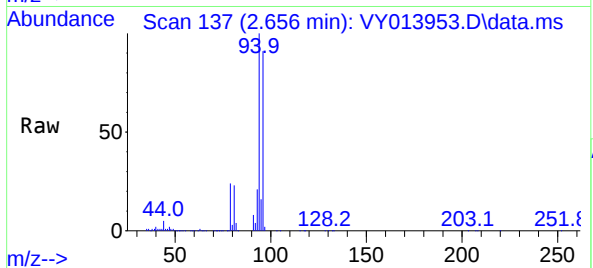




#5
Bromomethane
Concen: 53.505 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013953.D
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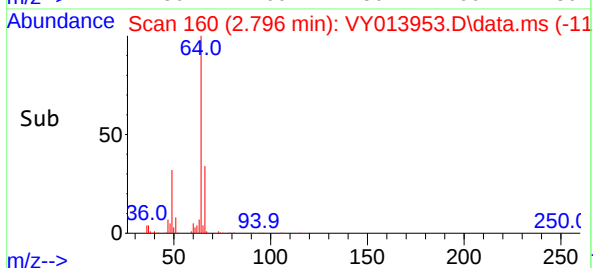
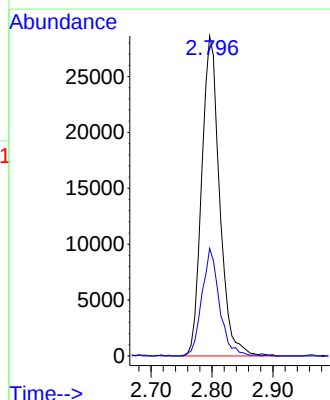
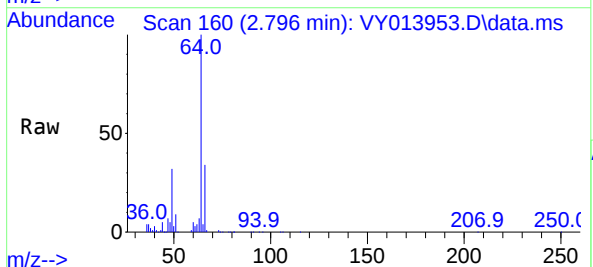
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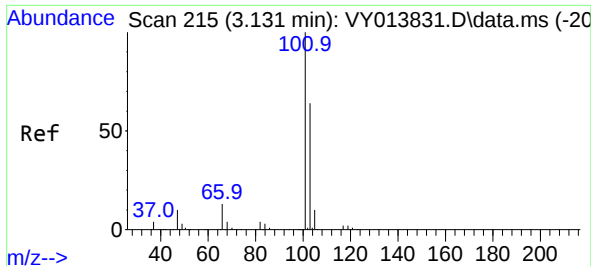
Tgt Ion: 94 Resp: 75886
Ion Ratio Lower Upper
94 100
96 91.4 76.2 114.2



#6
Chloroethane
Concen: 50.149 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY013953.D
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Tgt Ion: 64 Resp: 58323
Ion Ratio Lower Upper
64 100
66 33.6 25.7 38.5

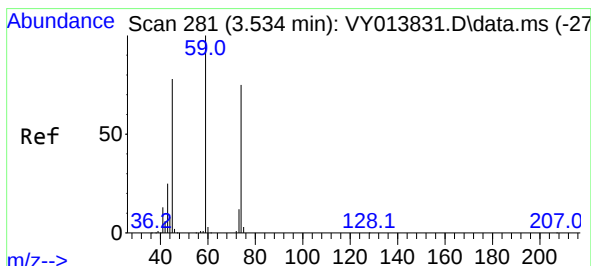
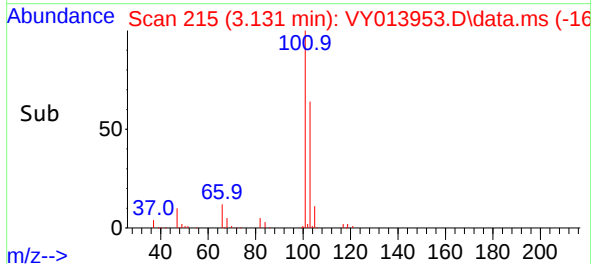
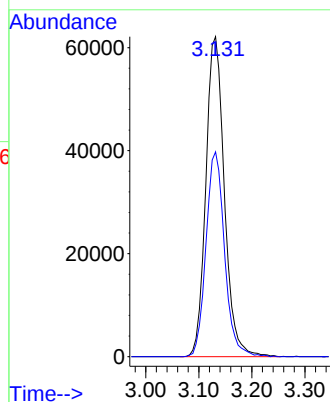
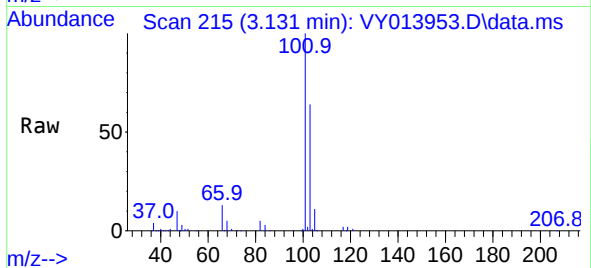




#7
Trichlorofluoromethane
Concen: 50.267 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

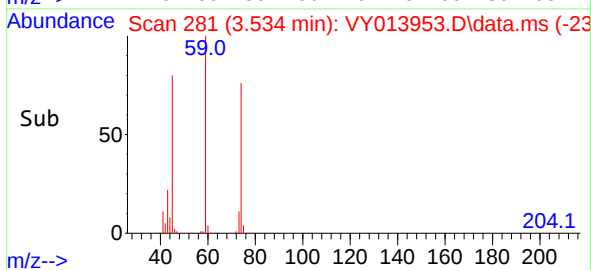
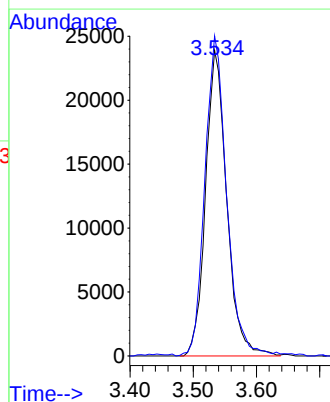
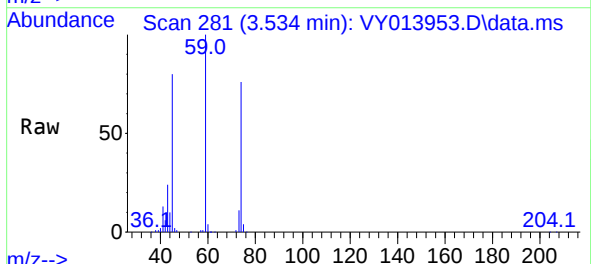
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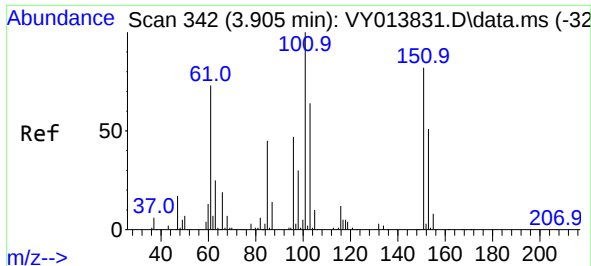
Tgt Ion:101 Resp: 150990
Ion Ratio Lower Upper
101 100
103 64.0 51.3 76.9



#8
Diethyl Ether
Concen: 60.411 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY013953.D
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Tgt Ion: 74 Resp: 55658
Ion Ratio Lower Upper
74 100
45 107.1 51.8 155.5

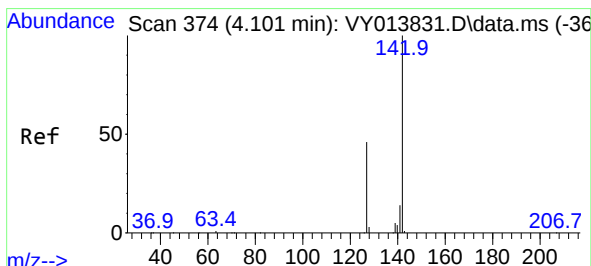
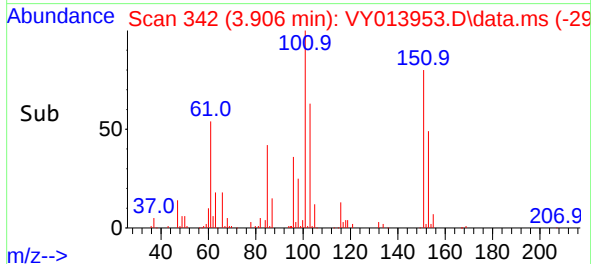
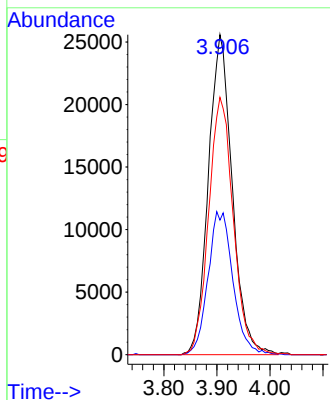
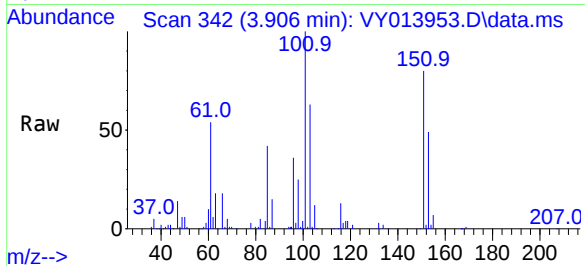




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.078 ug/l
RT: 3.906 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

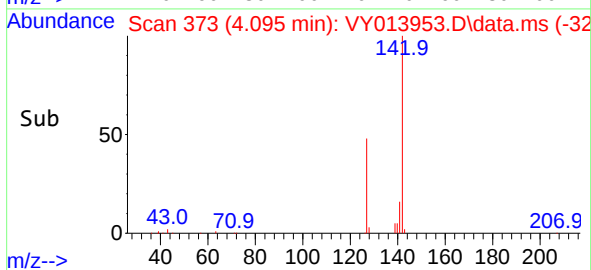
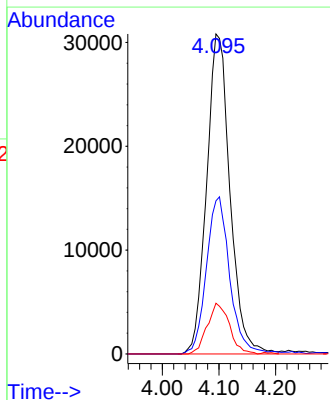
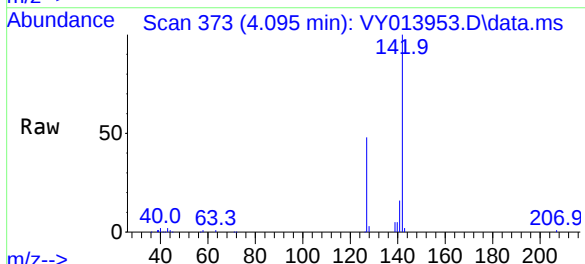
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

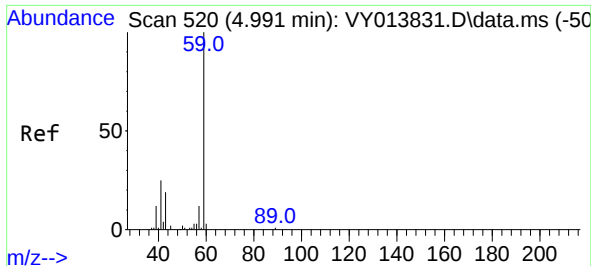
Tgt Ion:101 Resp: 79915
Ion Ratio Lower Upper
101 100
85 46.8 37.4 56.2
151 83.3 66.6 100.0



#10
Methyl Iodide
Concen: 45.619 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion:142 Resp: 88188
Ion Ratio Lower Upper
142 100
127 49.2 37.0 55.4
141 15.1 11.8 17.6

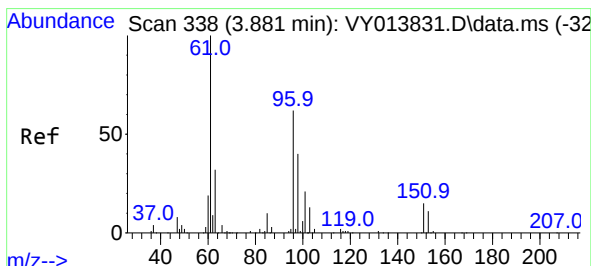
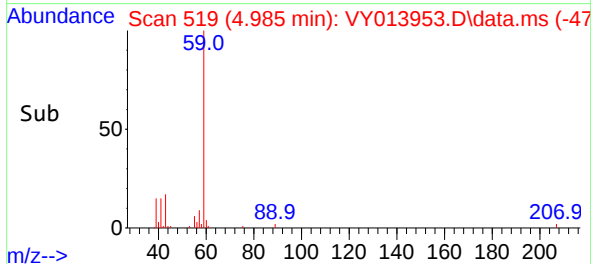
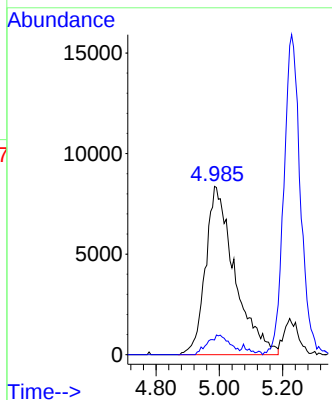
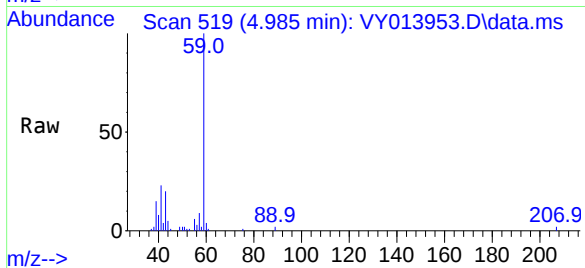




#11
Tert butyl alcohol
Concen: 386.598 ug/l
RT: 4.985 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

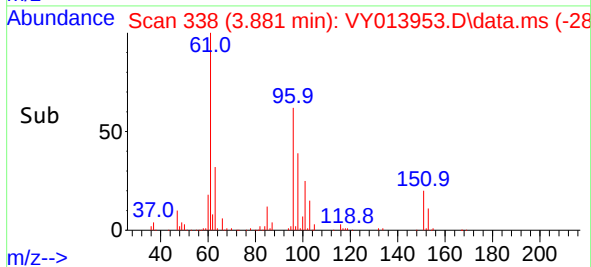
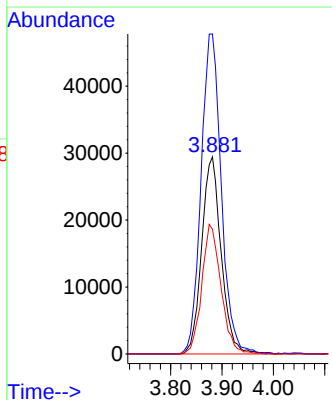
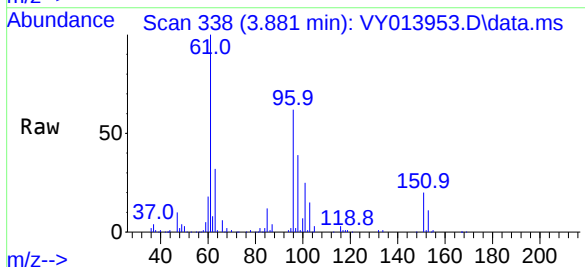
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

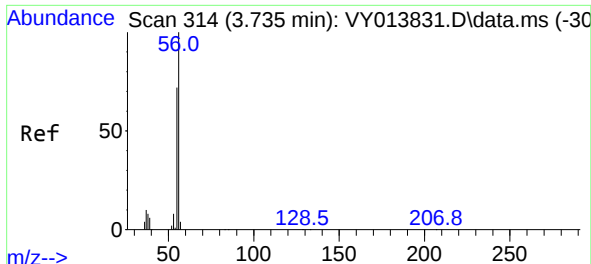
Tgt Ion: 59 Resp: 53585
Ion Ratio Lower Upper
59 100
57 8.9 8.1 12.1



#12
1,1-Dichloroethene
Concen: 50.529 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 96 Resp: 77298
Ion Ratio Lower Upper
96 100
61 162.3 129.0 193.4
98 63.3 52.0 78.0

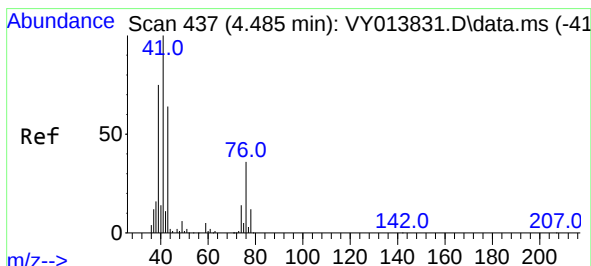
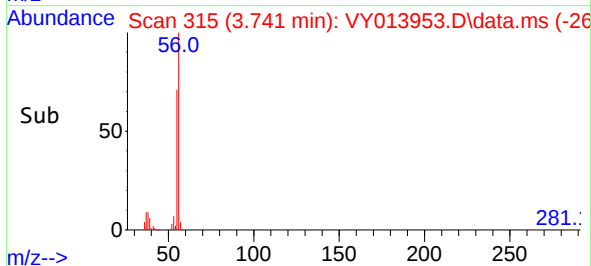
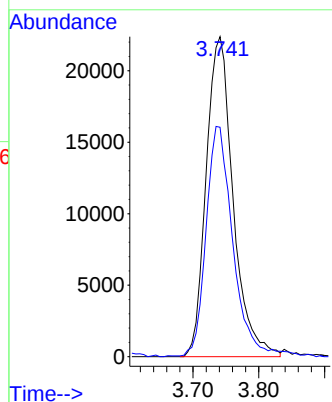
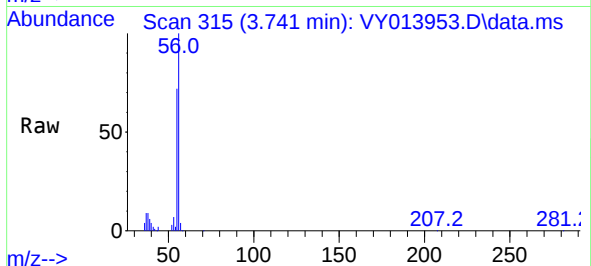




#13
Acrolein
Concen: 305.773 ug/l
RT: 3.741 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

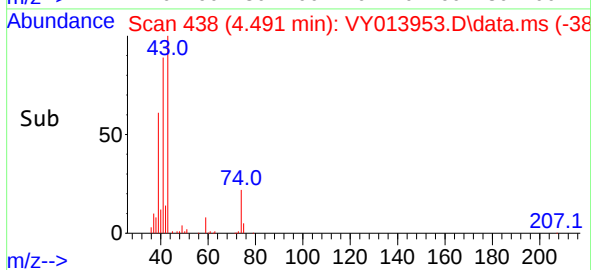
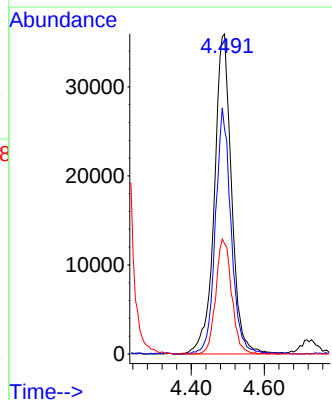
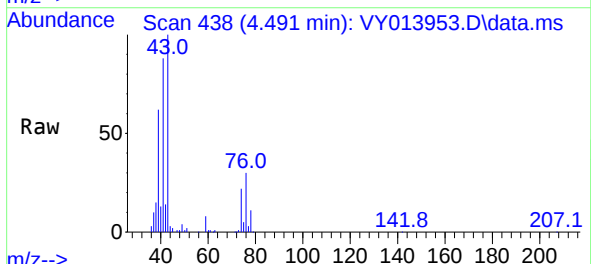
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

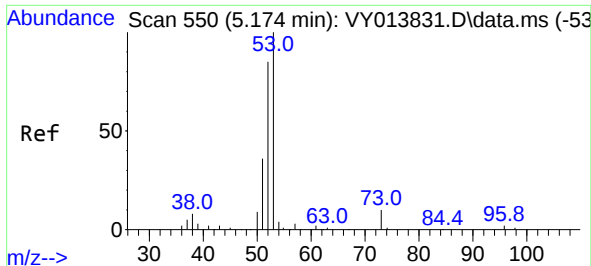
Tgt Ion: 56 Resp: 63751
Ion Ratio Lower Upper
56 100
55 72.2 56.2 84.2



#14
Allyl chloride
Concen: 42.128 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 41 Resp: 117658
Ion Ratio Lower Upper
41 100
39 69.7 58.3 87.5
76 32.9 28.0 42.0

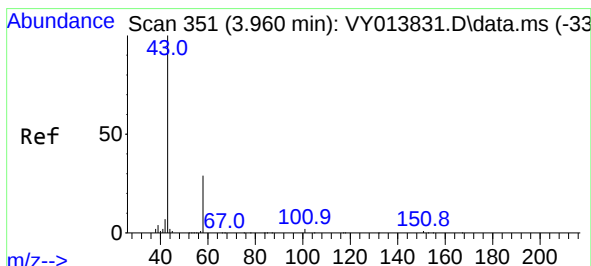
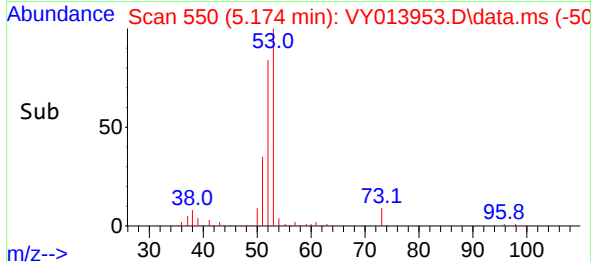
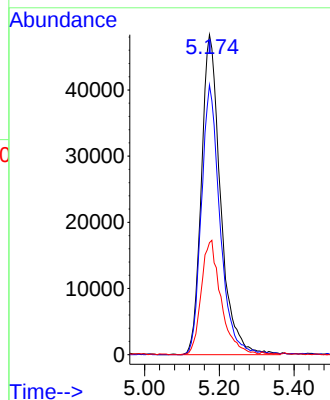
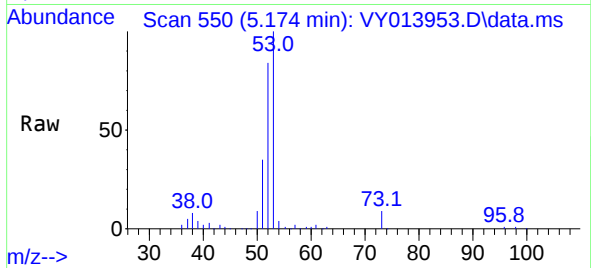




#15
Acrylonitrile
Concen: 363.924 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

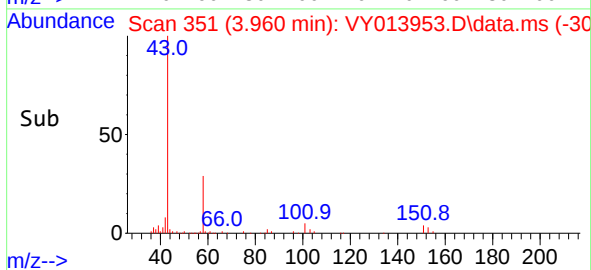
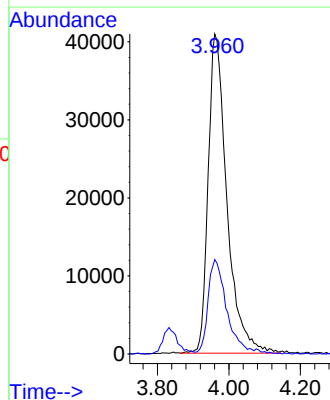
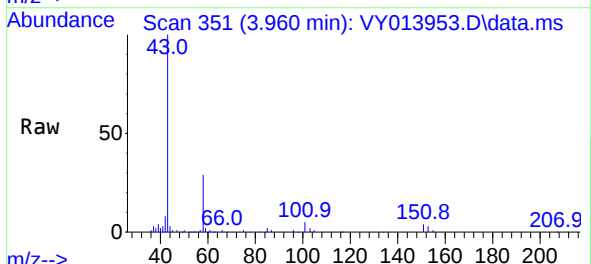
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

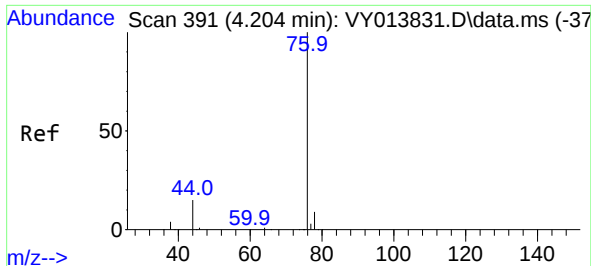
Tgt Ion: 53 Resp: 171914
Ion Ratio Lower Upper
53 100
52 82.0 67.2 100.8
51 36.9 30.2 45.2



#16
Acetone
Concen: 277.077 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 43 Resp: 148792
Ion Ratio Lower Upper
43 100
58 29.3 23.3 34.9

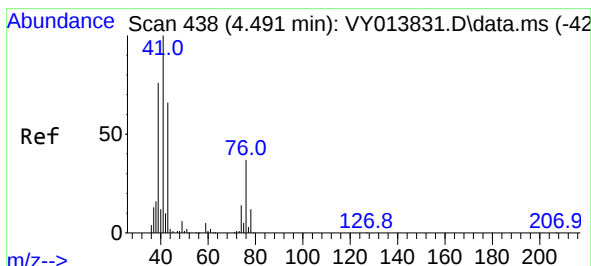
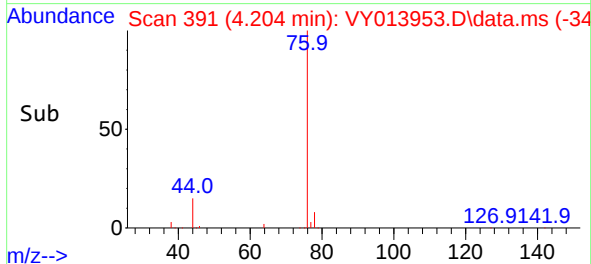
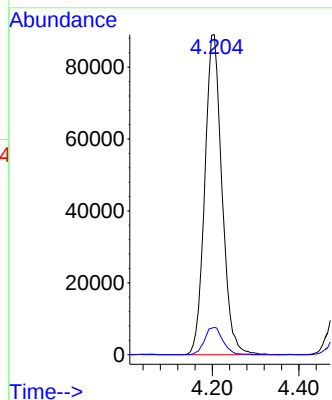
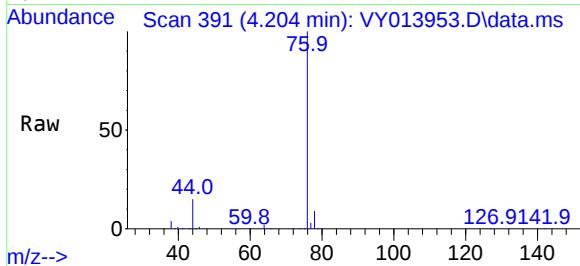




#17
Carbon Disulfide
Concen: 53.653 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

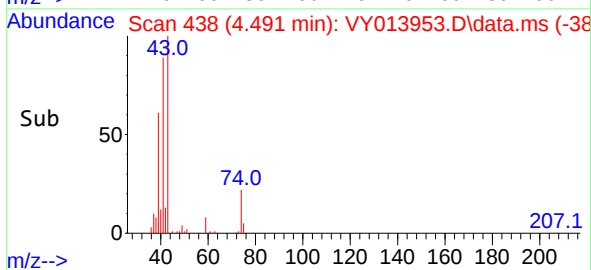
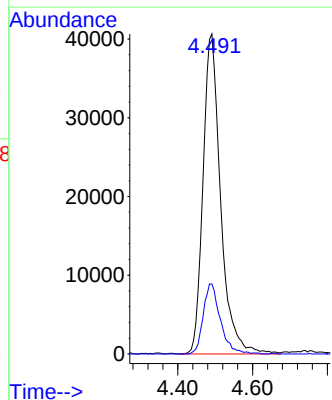
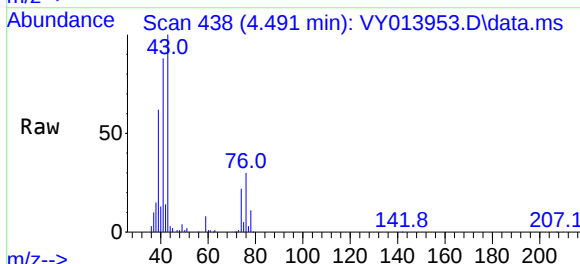
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

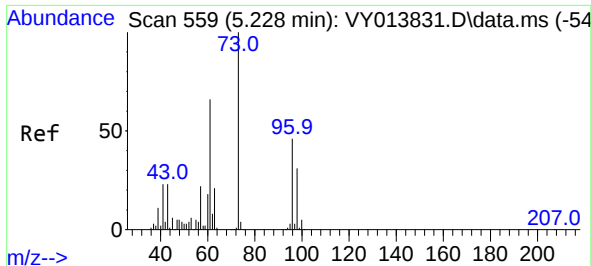
Tgt Ion: 76 Resp: 244996
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 71.334 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 43 Resp: 132897
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.0

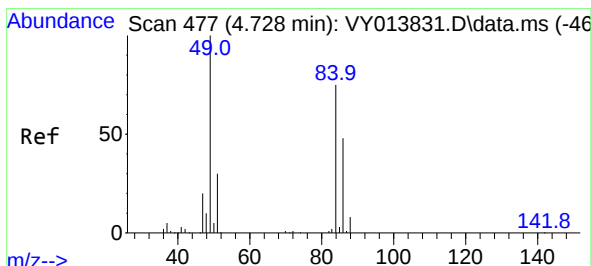
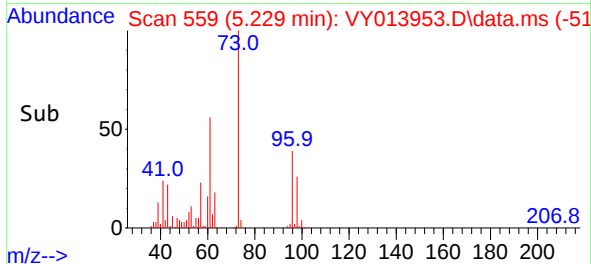
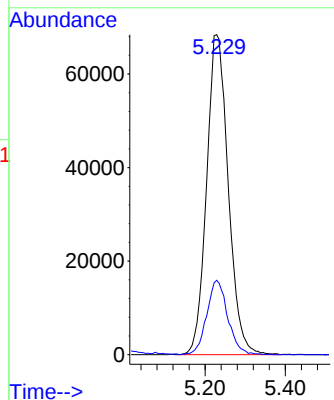
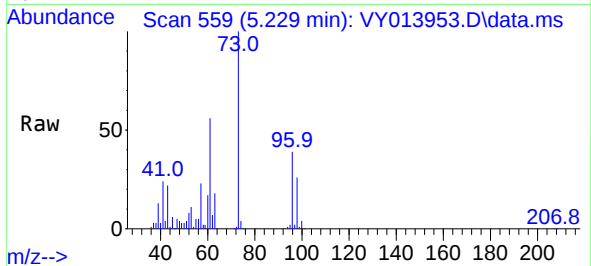




#19
Methyl tert-butyl Ether
Concen: 61.493 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

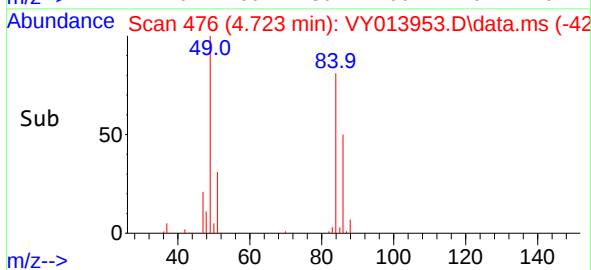
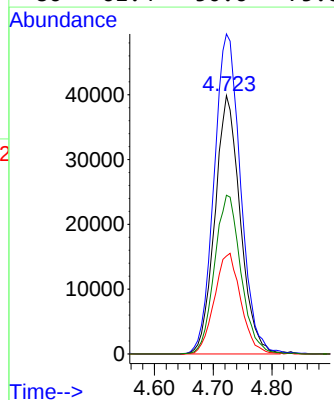
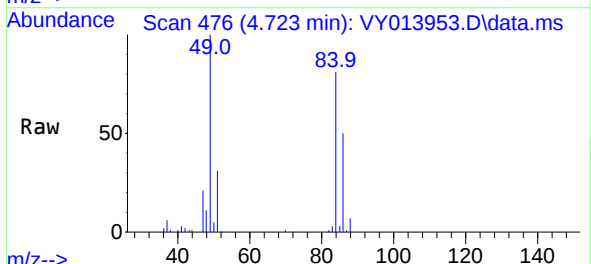
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

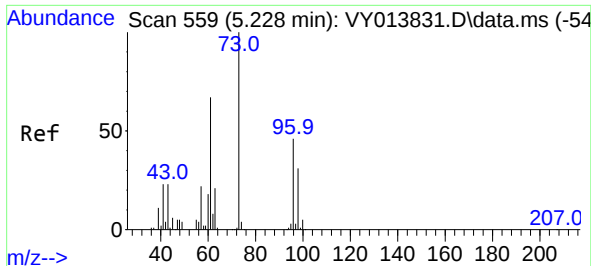
Tgt Ion: 73 Resp: 256723
Ion Ratio Lower Upper
73 100
57 23.3 17.4 26.2



#20
Methylene Chloride
Concen: 63.473 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.005 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 84 Resp: 119553
Ion Ratio Lower Upper
84 100
49 123.9 106.2 159.2
51 37.9 31.4 47.0
86 61.4 50.6 75.8

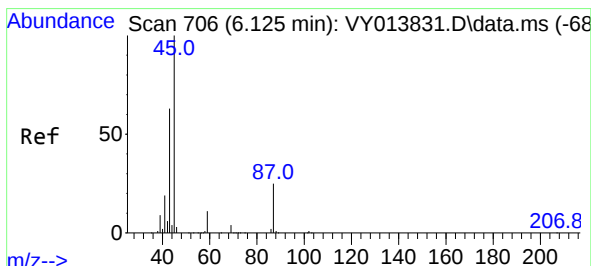
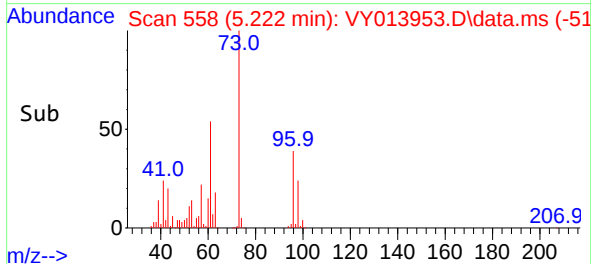
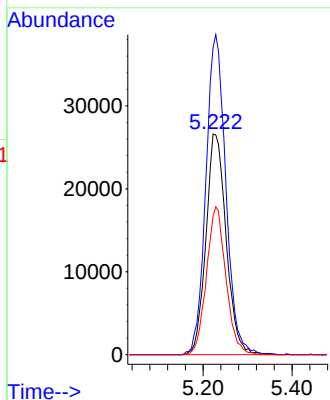
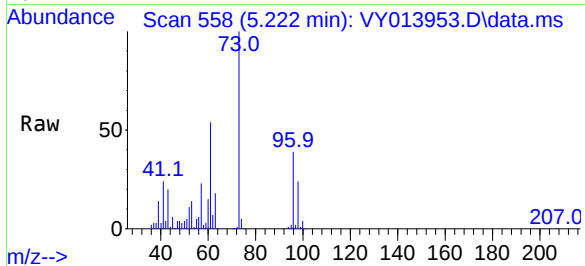




#21
trans-1,2-Dichloroethene
Concen: 50.786 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

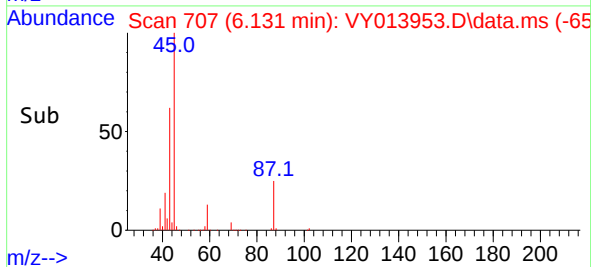
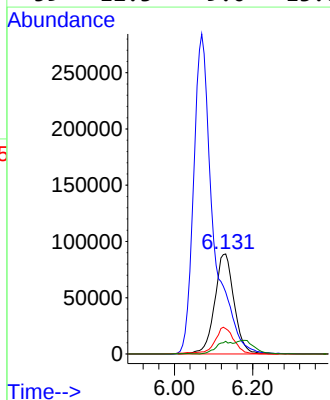
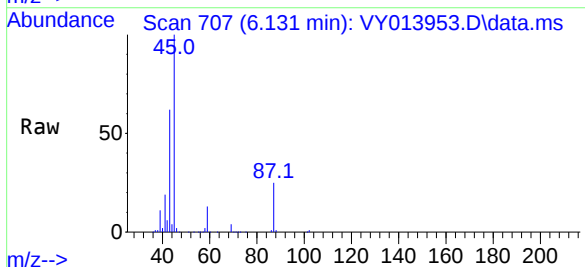
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

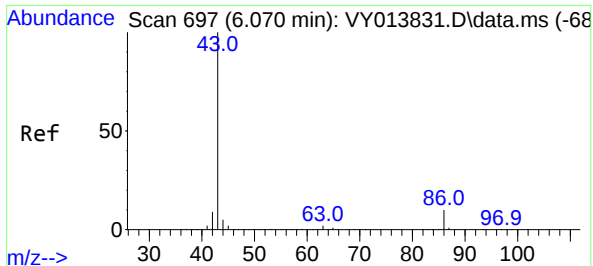
Tgt Ion: 96 Resp: 84454
Ion Ratio Lower Upper
96 100
61 139.3 115.5 173.3
98 62.7 53.7 80.5



#22
Diisopropyl ether
Concen: 56.667 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 45 Resp: 305569
Ion Ratio Lower Upper
45 100
43 61.0 50.6 75.8
87 25.3 20.7 31.1
59 12.3 9.0 13.6

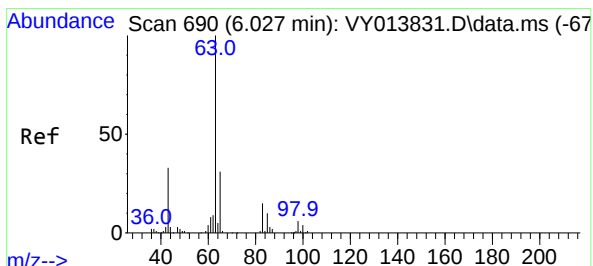
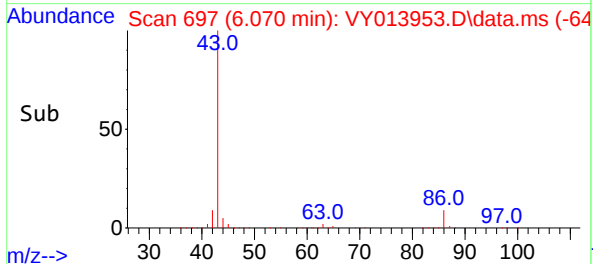
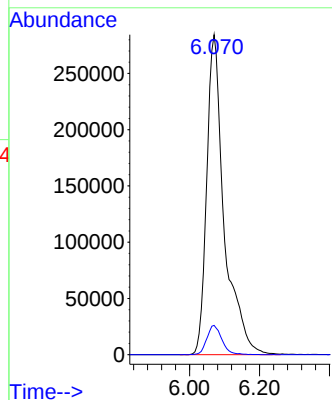
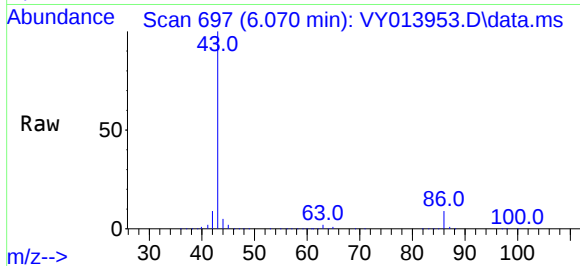




#23
 Vinyl Acetate
 Concen: 314.543 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY013953.D
 Acq: 31 May 2023 22:02

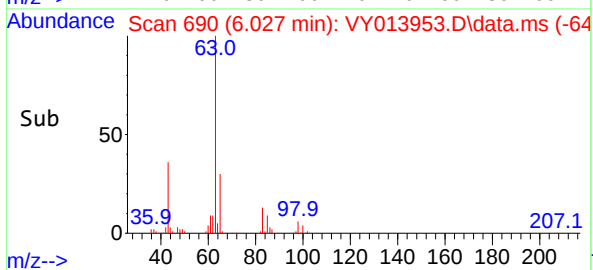
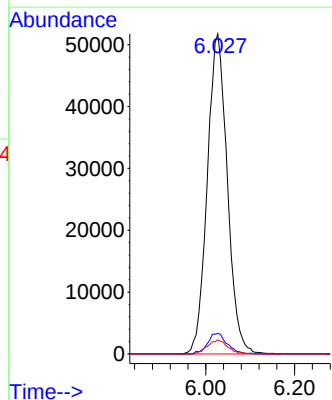
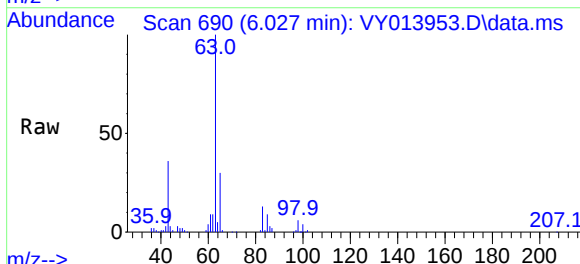
Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-69.5-051823MSD

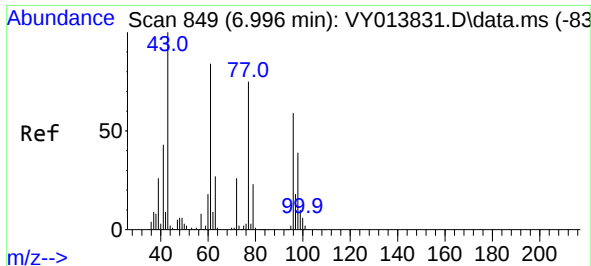
Tgt Ion: 43 Resp: 987894
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 51.522 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY013953.D
 Acq: 31 May 2023 22:02

Tgt Ion: 63 Resp: 162192
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.2 9.6
 100 4.4 2.1 6.2





#25

2-Butanone

Concen: 332.826 ug/l

RT: 6.997 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY013953.D

Acq: 31 May 2023 22:02

Instrument :

MSVOA_Y

ClientSampleId :

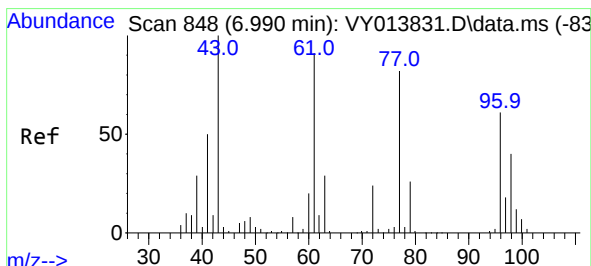
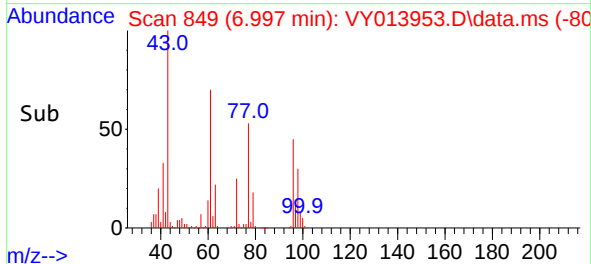
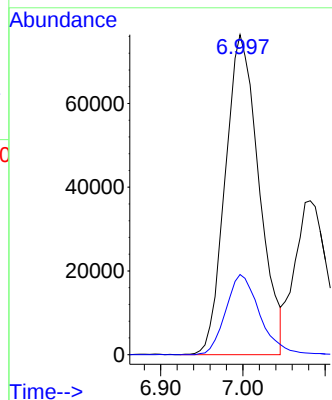
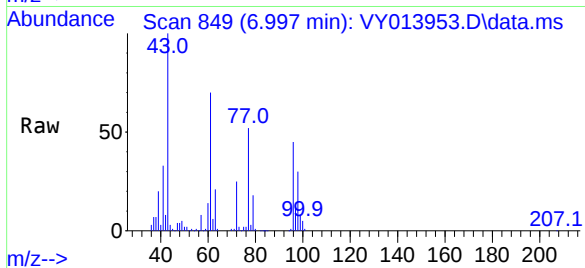
CB-32-G3-SO-69.5-051823MSD

Tgt Ion: 43 Resp: 218092

Ion Ratio Lower Upper

43 100

72 25.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 47.050 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY013953.D

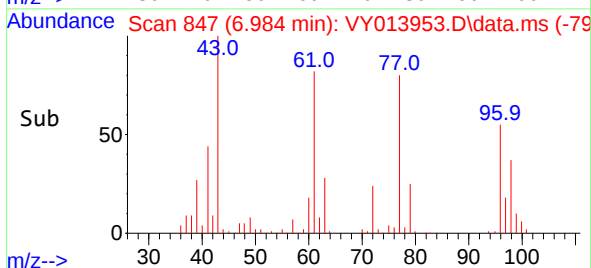
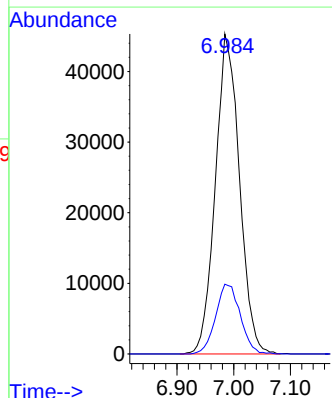
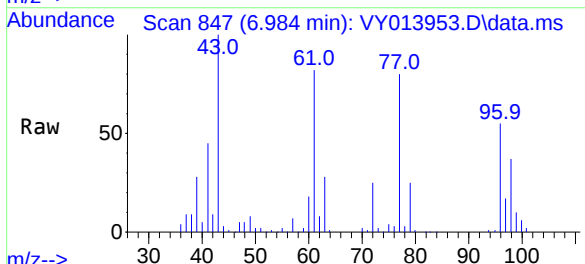
Acq: 31 May 2023 22:02

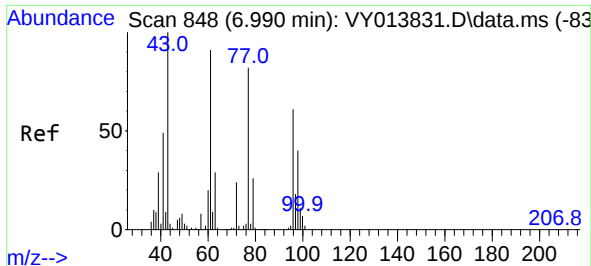
Tgt Ion: 77 Resp: 133416

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 52.306 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY013953.D

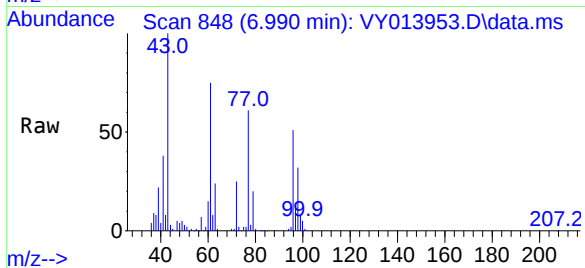
Acq: 31 May 2023 22:02

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-69.5-051823MSD



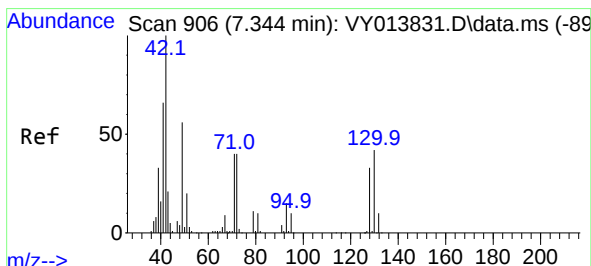
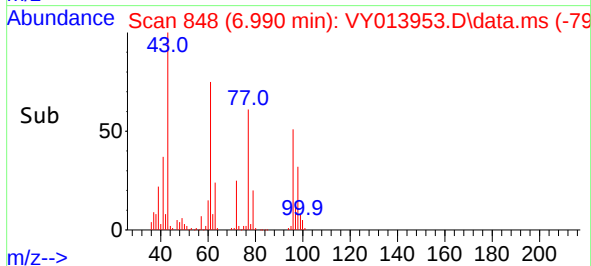
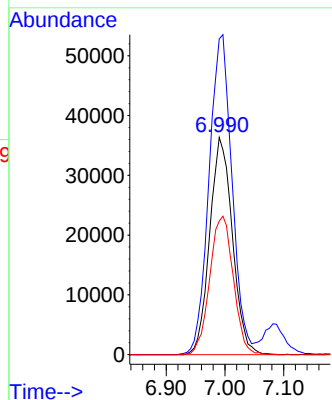
Tgt Ion: 96 Resp: 97714

Ion Ratio Lower Upper

96 100

61 149.3 0.0 296.4

98 66.2 0.0 129.4



#28

Bromochloromethane

Concen: 51.380 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013953.D

Acq: 31 May 2023 22:02

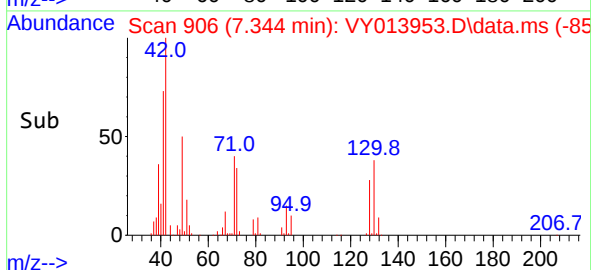
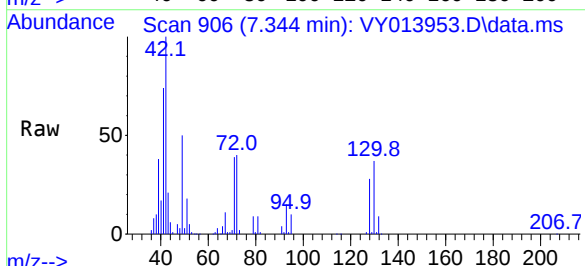
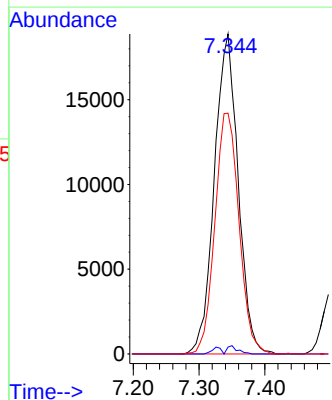
Tgt Ion: 49 Resp: 47475

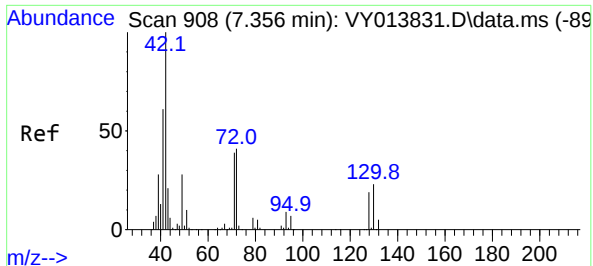
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.4

130 76.4 60.2 90.2

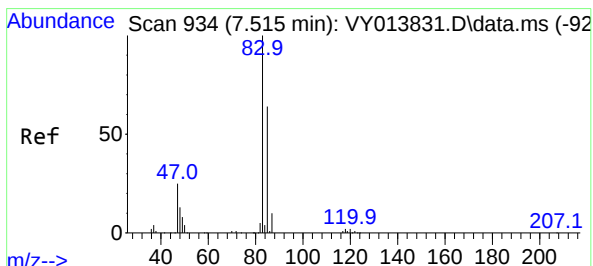
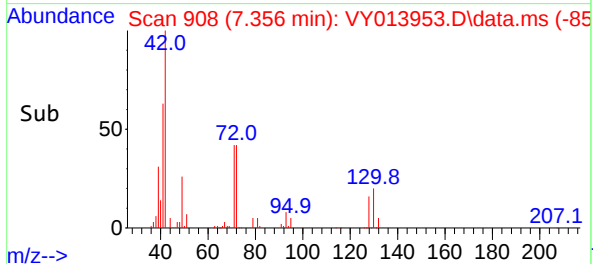
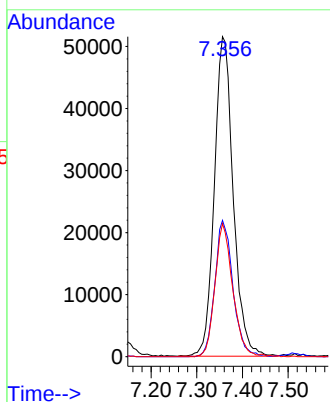
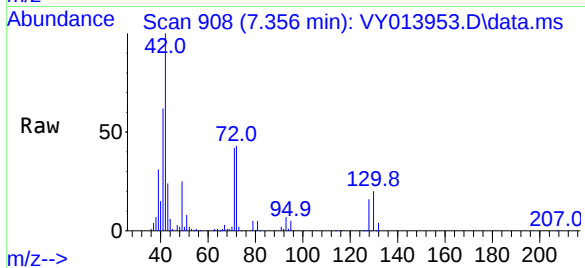




#29
Tetrahydrofuran
Concen: 377.199 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

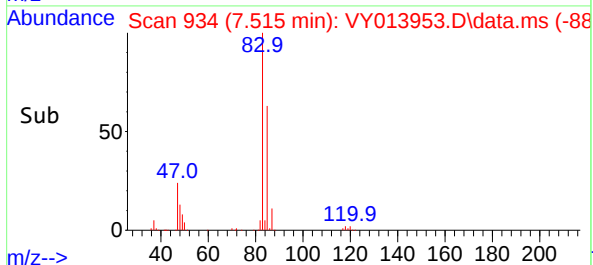
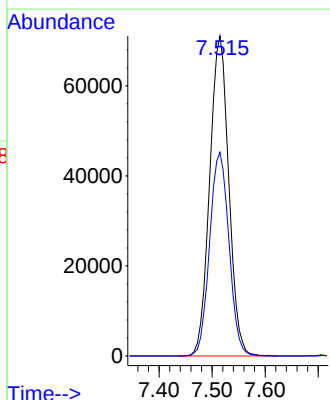
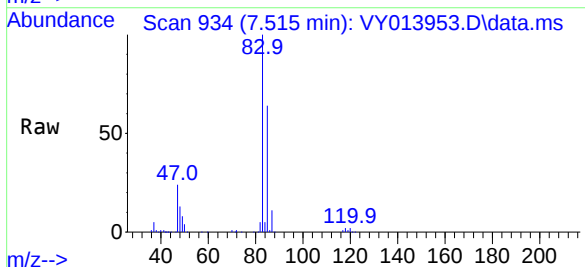
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

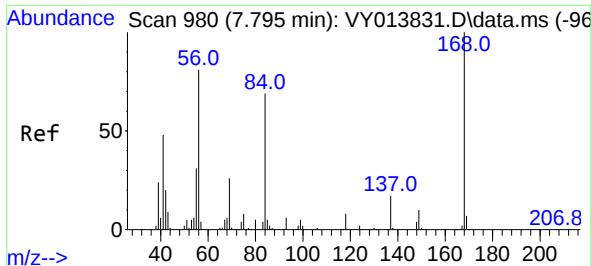
Tgt Ion: 42 Resp: 147571
Ion Ratio Lower Upper
42 100
72 41.1 31.7 47.5
71 39.1 30.6 45.8



#30
Chloroform
Concen: 55.563 ug/l
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 83 Resp: 177334
Ion Ratio Lower Upper
83 100
85 63.6 51.0 76.6

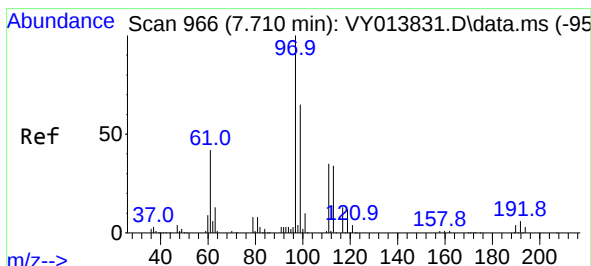
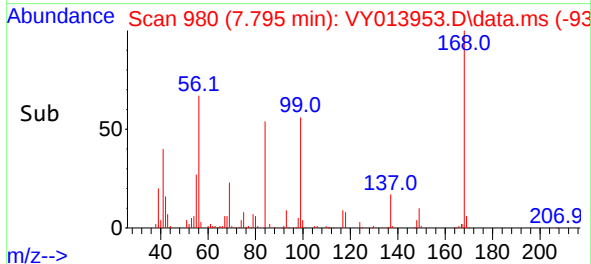
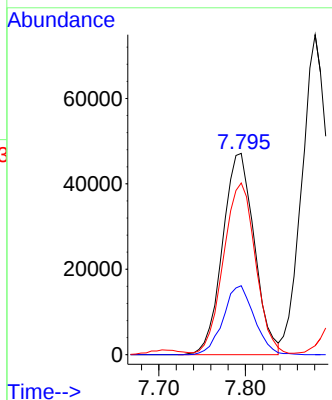
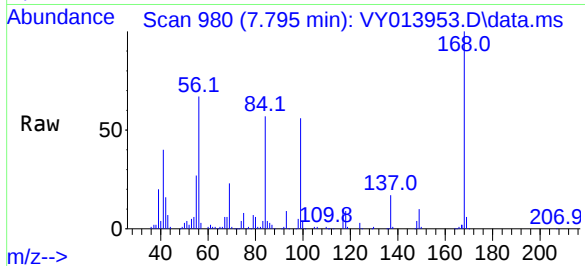




#31
Cyclohexane
Concen: 43.215 ug/l
RT: 7.795 min Scan# 913
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

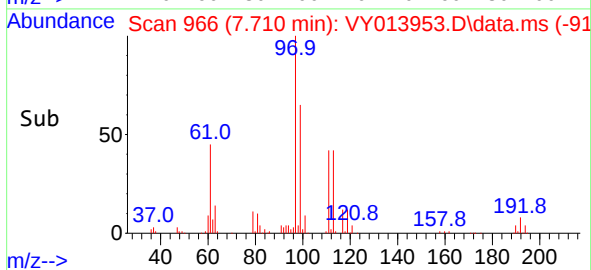
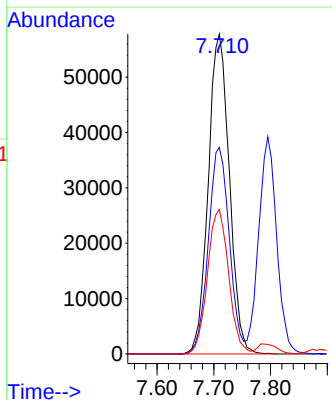
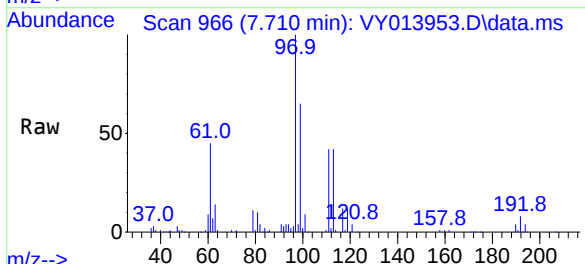
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

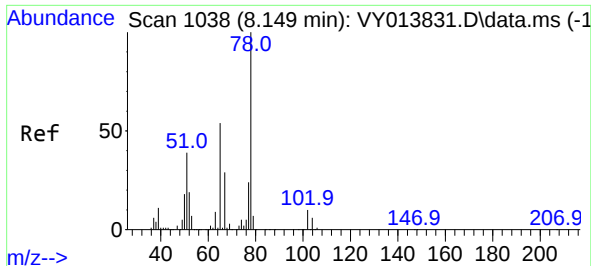
Tgt Ion: 56 Resp: 120133
Ion Ratio Lower Upper
56 100
69 34.3 25.8 38.8
84 83.8 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 51.268 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 97 Resp: 149272
Ion Ratio Lower Upper
97 100
99 64.2 50.5 75.7
61 45.5 35.0 52.4

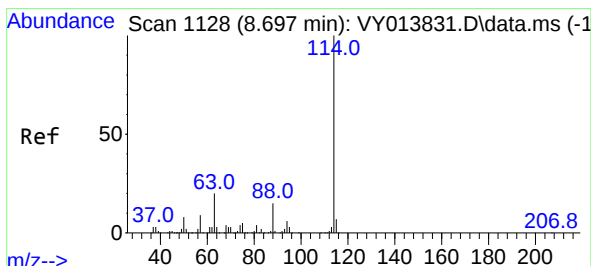
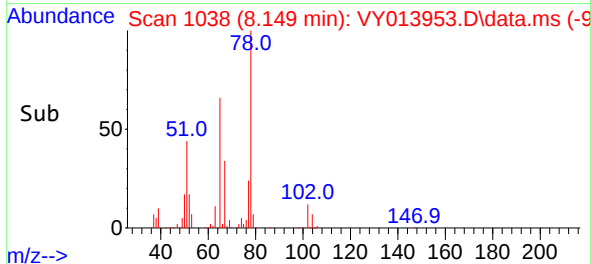
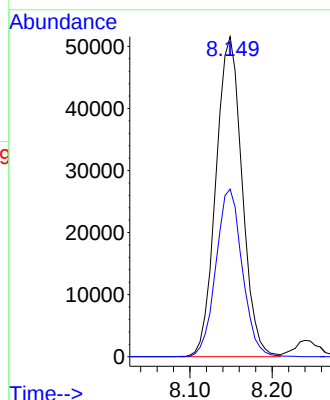
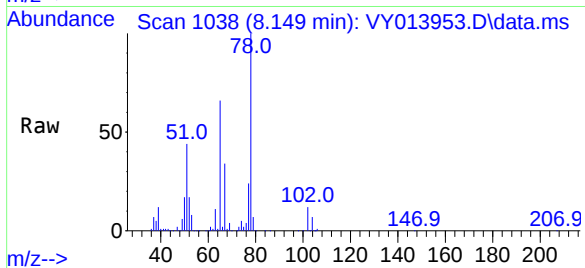




#33
1,2-Dichloroethane-d4
Concen: 63.135 ug/l
RT: 8.149 min Scan# 114232
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

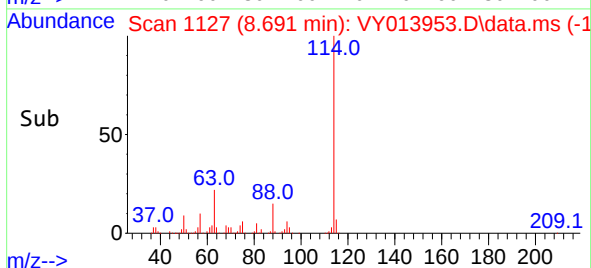
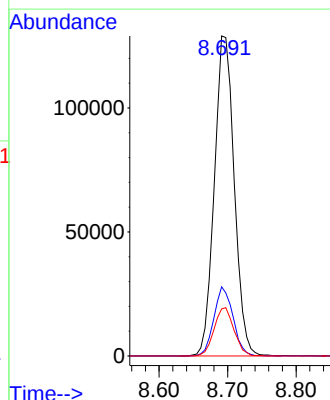
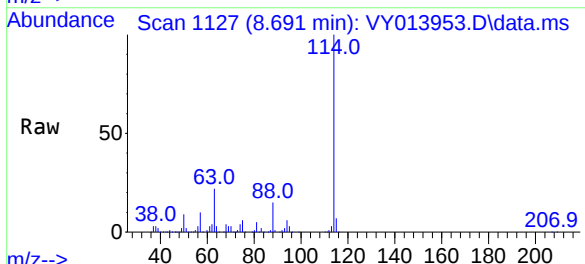
Instrument : MSVOA_Y
ClientSampleId : CB-32-G3-SO-69.5-051823MSD

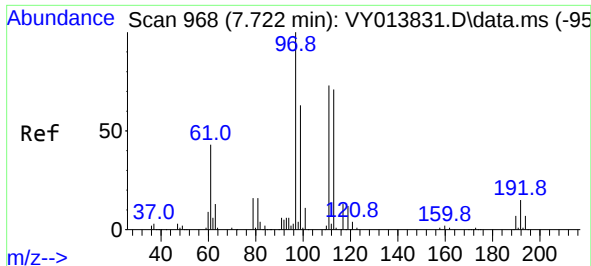
Tgt Ion: 65 Resp: 114232
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 114 Resp: 259963
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.2
88 14.7 0.0 30.0

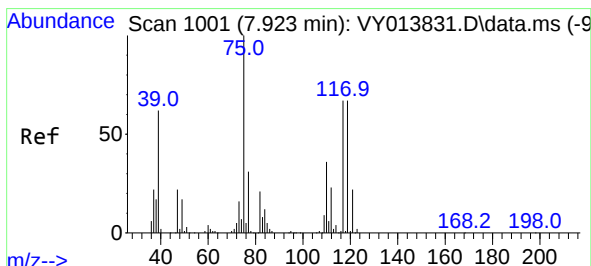
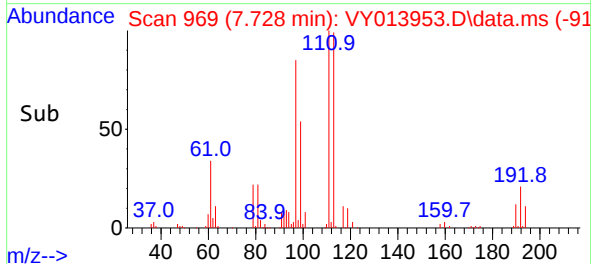
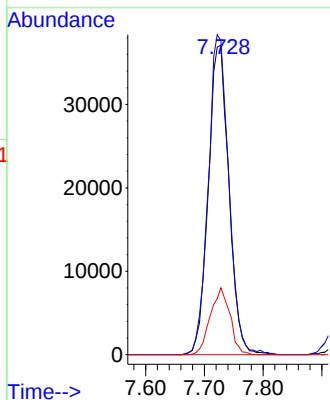
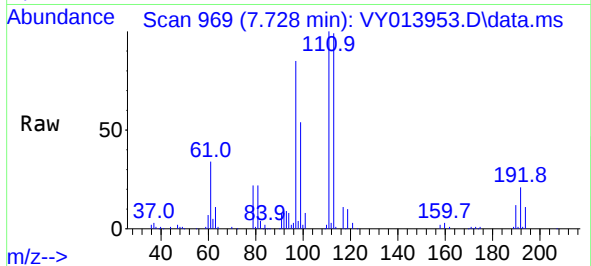




#35
Dibromofluoromethane
Concen: 53.921 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

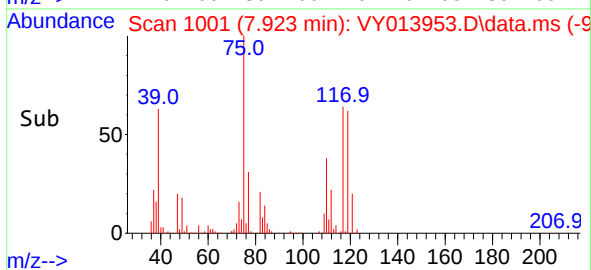
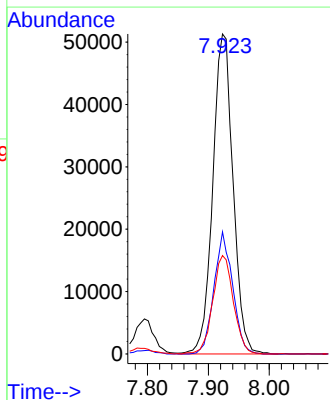
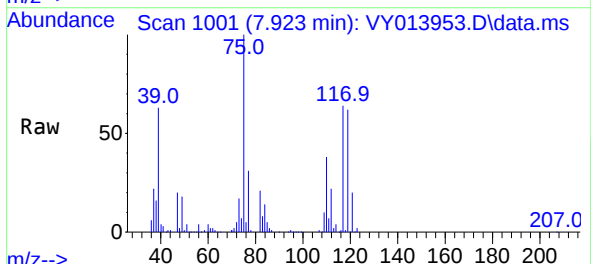
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

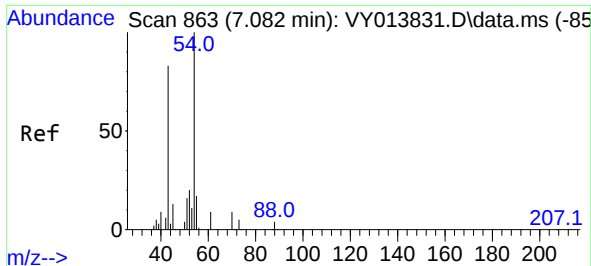
Tgt Ion:113 Resp: 90526
Ion Ratio Lower Upper
113 100
111 103.0 80.4 120.6
192 20.6 16.6 25.0



#36
1,1-Dichloropropene
Concen: 46.316 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 75 Resp: 118434
Ion Ratio Lower Upper
75 100
110 35.2 17.5 52.6
77 31.3 24.4 36.6

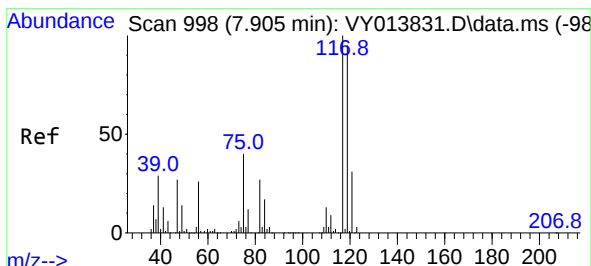
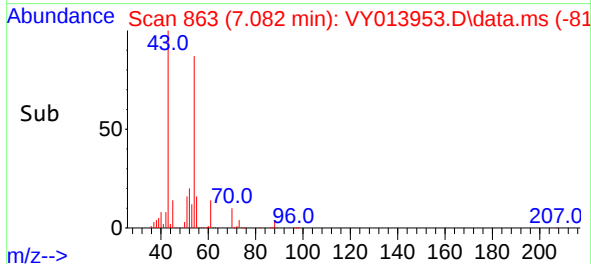
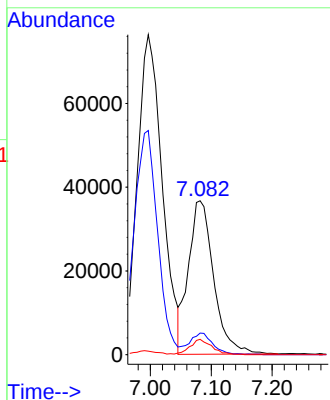
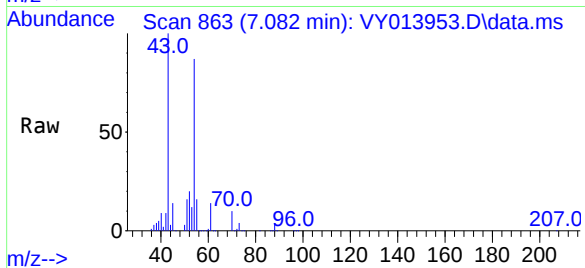




#37
Ethyl Acetate
Concen: 67.925 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

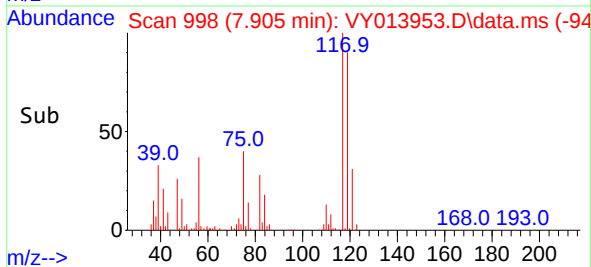
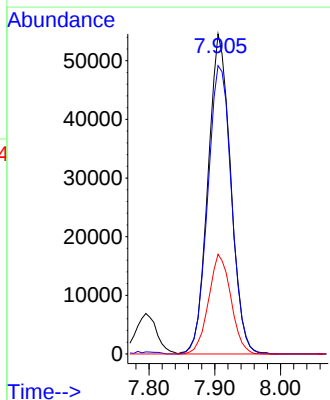
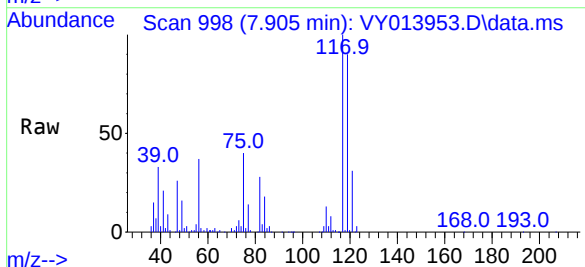
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

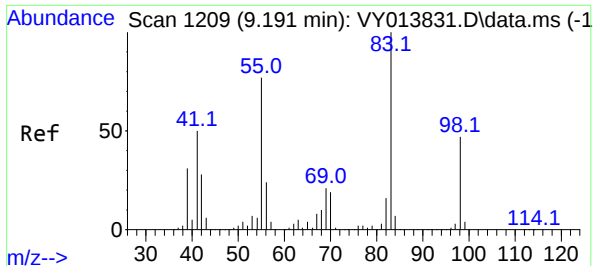
Tgt Ion: 43 Resp: 105950
Ion Ratio Lower Upper
43 100
61 12.7 10.5 15.7
70 8.6 6.9 10.3



#38
Carbon Tetrachloride
Concen: 45.036 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 117 Resp: 130965
Ion Ratio Lower Upper
117 100
119 90.1 75.6 113.4
121 31.2 24.8 37.2





#39

Methylcyclohexane

Concen: 35.924 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013953.D

Acq: 31 May 2023 22:02

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-69.5-051823MSD

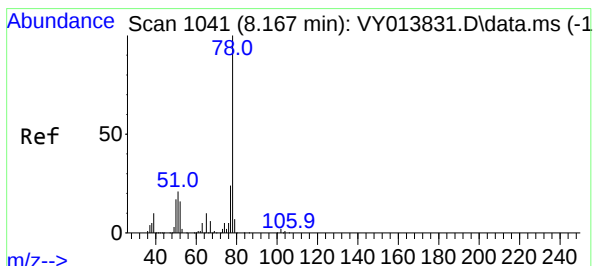
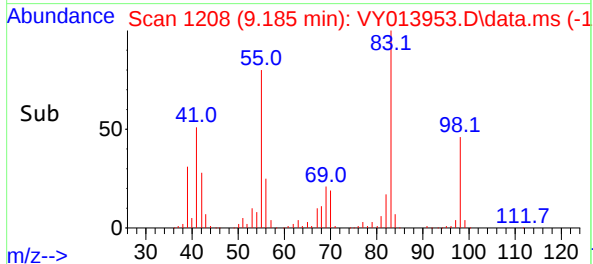
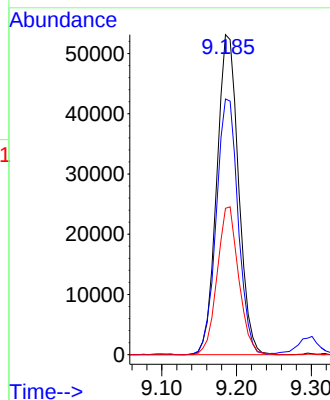
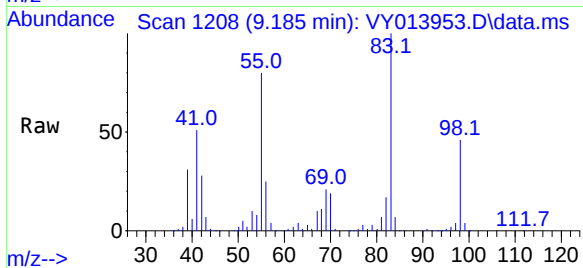
Tgt Ion: 83 Resp: 107580

Ion Ratio Lower Upper

83 100

55 79.9 61.6 92.4

98 45.8 38.0 57.0



#40

Benzene

Concen: 48.715 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY013953.D

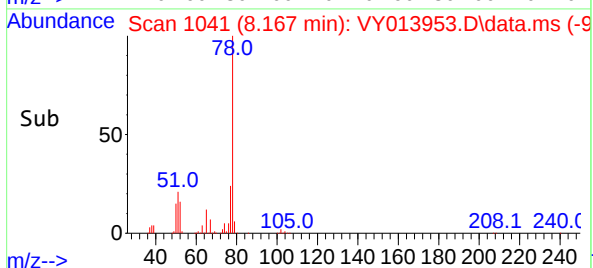
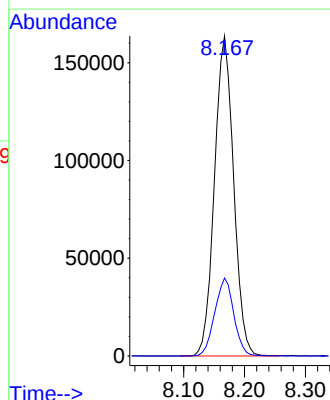
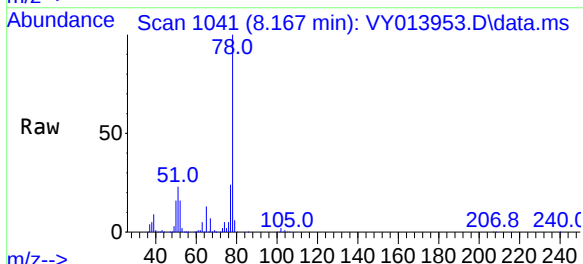
Acq: 31 May 2023 22:02

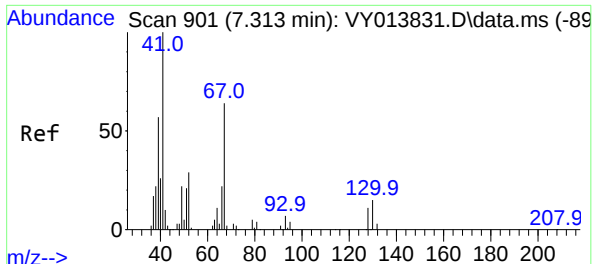
Tgt Ion: 78 Resp: 357788

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3

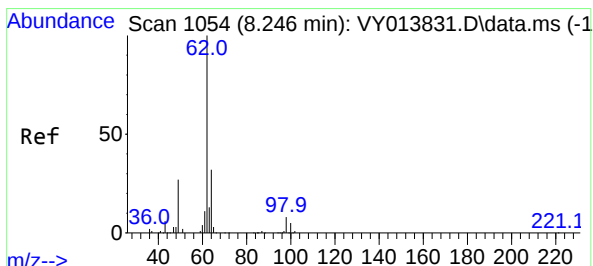
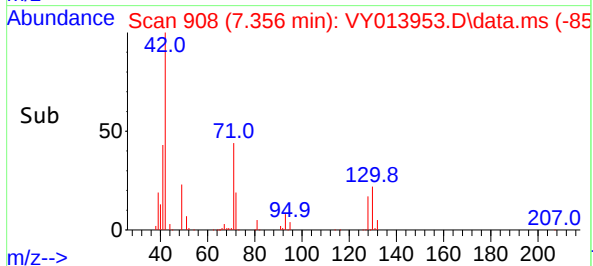
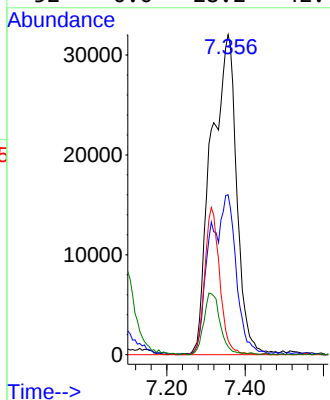
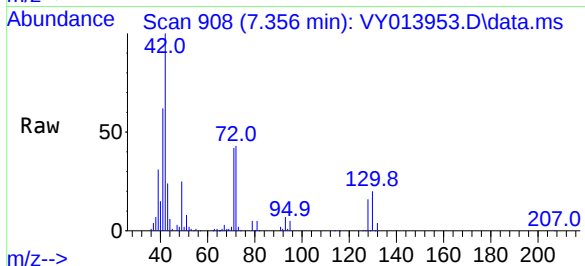




#41
Methacrylonitrile
Concen: 169.814 ug/l
RT: 7.356 min Scan# 901
Delta R.T. 0.043 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

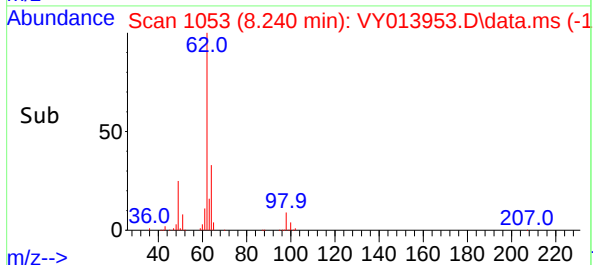
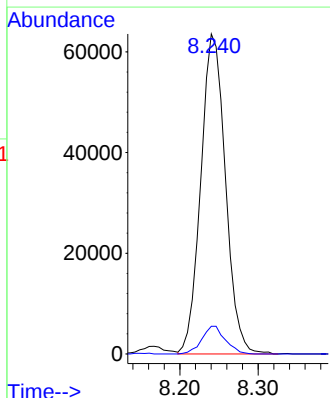
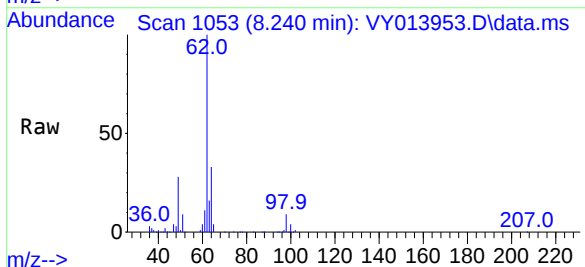
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

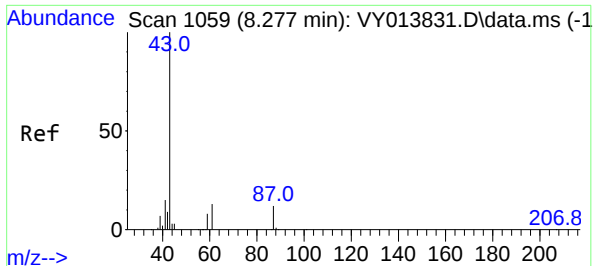
Tgt Ion: 41 Resp: 144522
Ion Ratio Lower Upper
41 100
39 29.9 44.1 66.1#
67 0.0 63.7 95.5#
52 0.0 28.2 42.4#



#42
1,2-Dichloroethane
Concen: 57.797 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 62 Resp: 138986
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.8

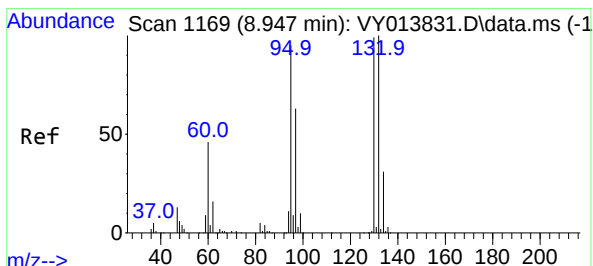
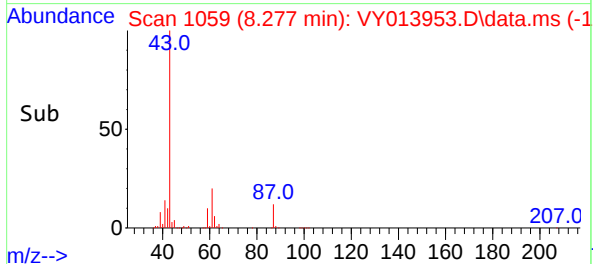
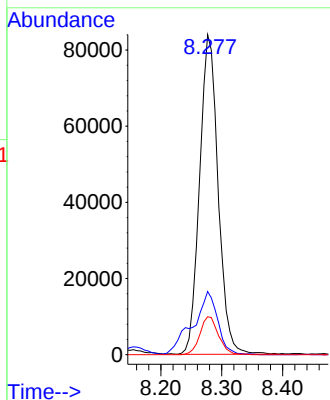
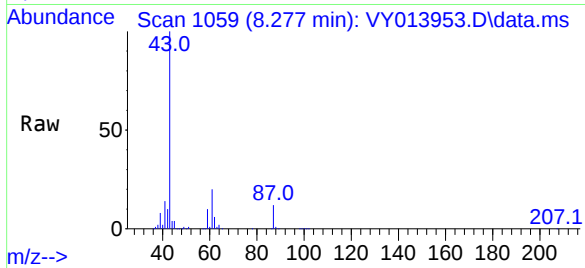




#43
Isopropyl Acetate
Concen: 62.462 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

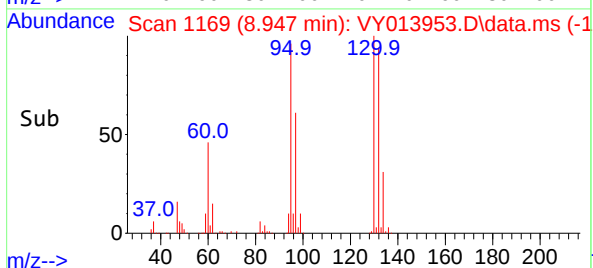
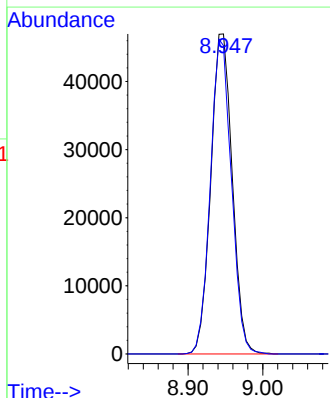
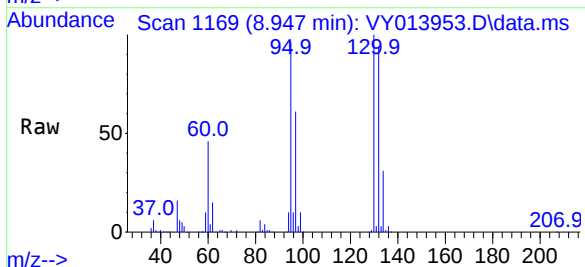
Instrument : MSVOA_Y
ClientSampleId : CB-32-G3-SO-69.5-051823MSD

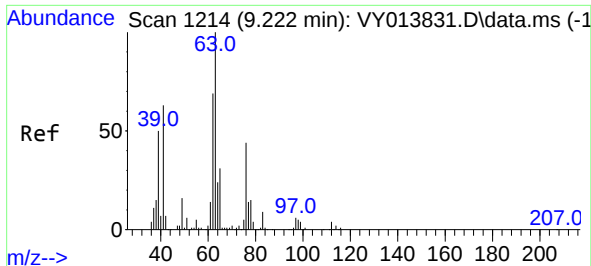
Tgt Ion: 43 Resp: 177541
Ion Ratio Lower Upper
43 100
61 26.6 21.1 31.7
87 11.9 9.8 14.6



#44
Trichloroethene
Concen: 47.360 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion:130 Resp: 93712
Ion Ratio Lower Upper
130 100
95 96.4 0.0 192.8





#45

1,2-Dichloropropane

Concen: 51.117 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY013953.D

Acq: 31 May 2023 22:02

Instrument :

MSVOA_Y

ClientSampleId :

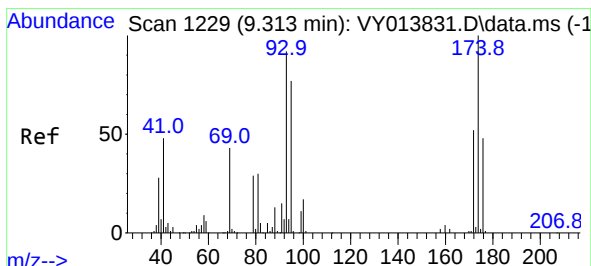
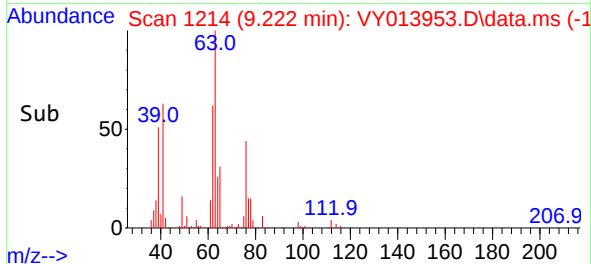
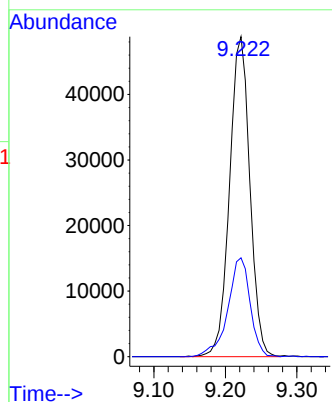
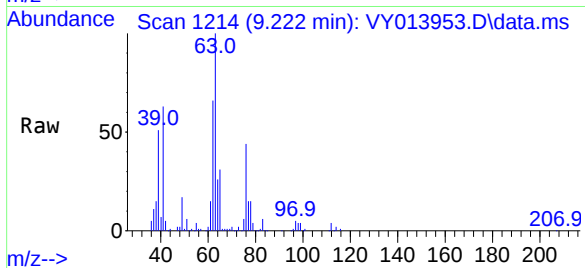
CB-32-G3-SO-69.5-051823MSD

Tgt Ion: 63 Resp: 96176

Ion Ratio Lower Upper

63 100

65 30.9 24.7 37.1



#46

Dibromomethane

Concen: 58.170 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY013953.D

Acq: 31 May 2023 22:02

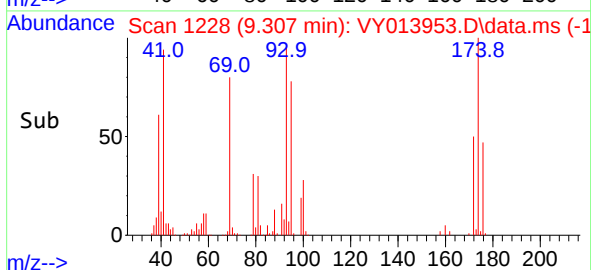
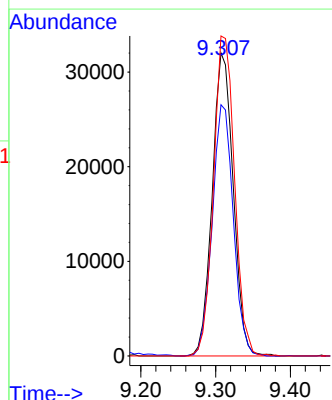
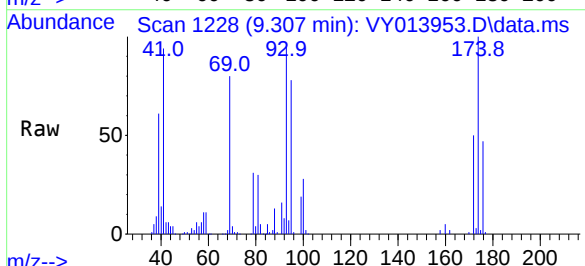
Tgt Ion: 93 Resp: 62681

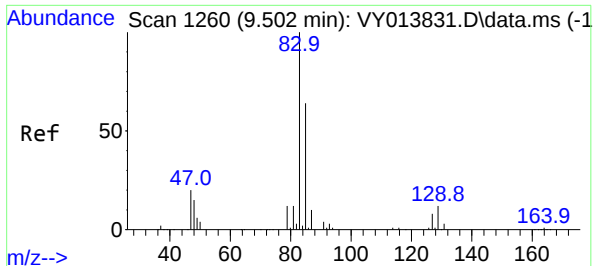
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 105.9 83.9 125.9

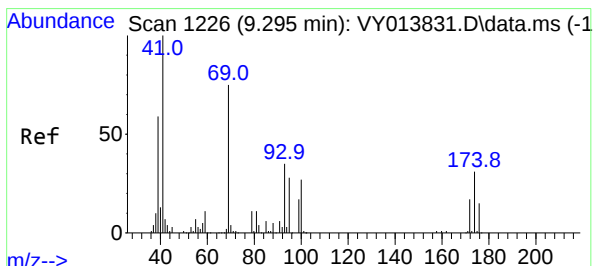
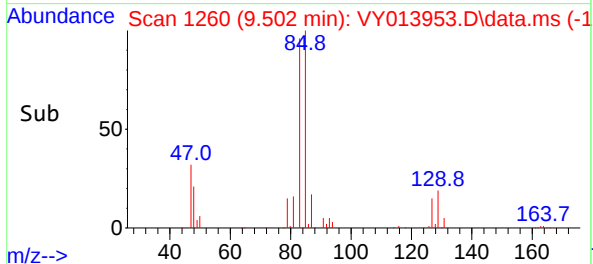
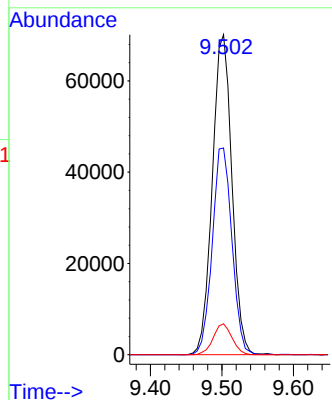
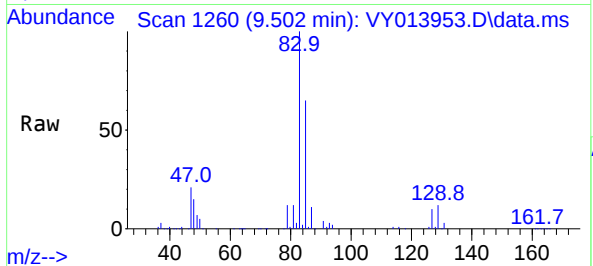




#47
Bromodichloromethane
Concen: 50.697 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

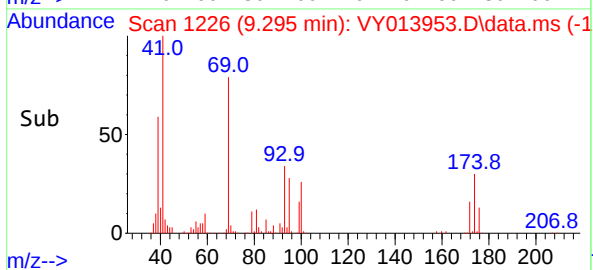
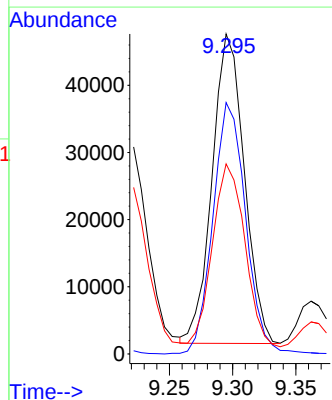
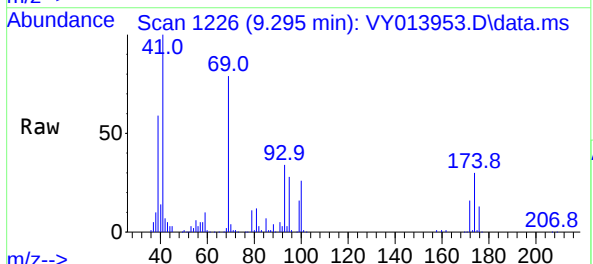
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

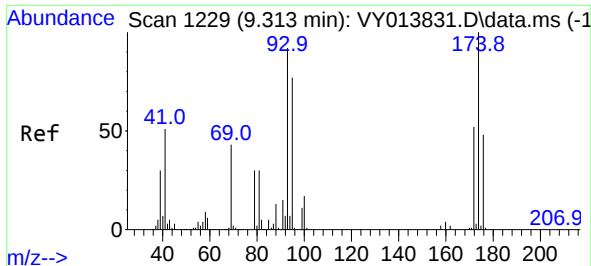
Tgt Ion: 83 Resp: 133128
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3
127 9.7 6.6 10.0



#48
Methyl methacrylate
Concen: 61.019 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 41 Resp: 81444
Ion Ratio Lower Upper
41 100
69 82.9 62.0 93.0
39 64.7 45.7 68.5





#49

1,4-Dioxane

Concen: 1390.497 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013953.D

Acq: 31 May 2023 22:02

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-69.5-051823MSD

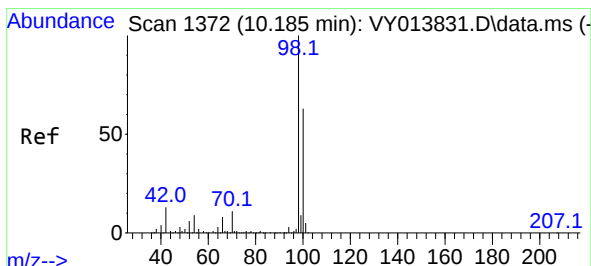
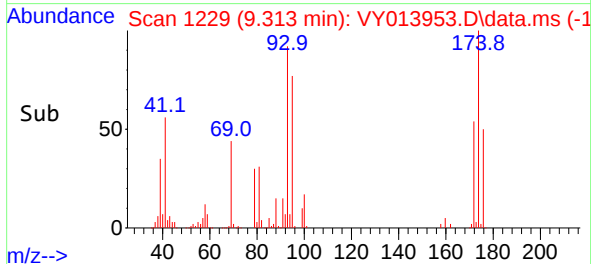
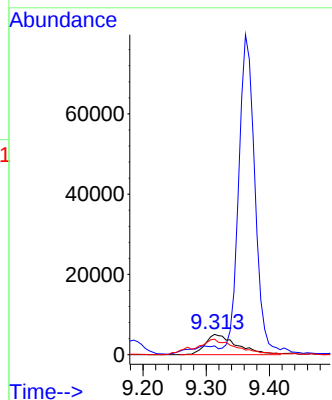
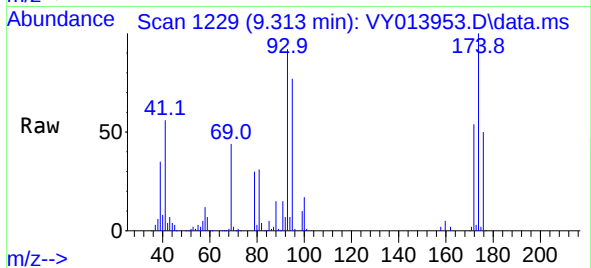
Tgt Ion: 88 Resp: 17609

Ion Ratio Lower Upper

88 100

43 36.1 0.0 0.0#

58 77.7 59.0 88.6



#50

Toluene-d8

Concen: 48.757 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY013953.D

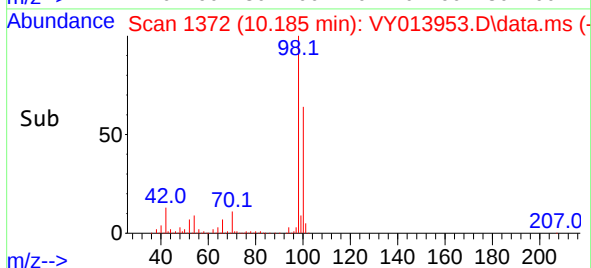
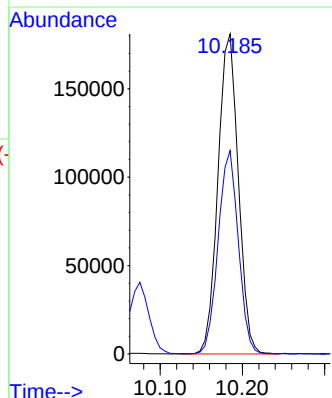
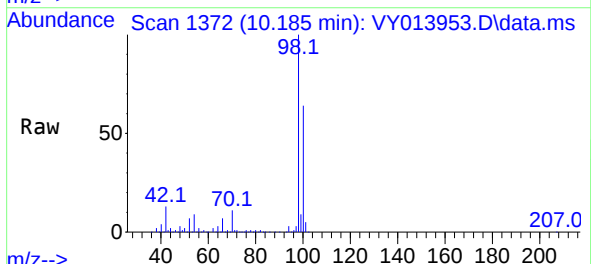
Acq: 31 May 2023 22:02

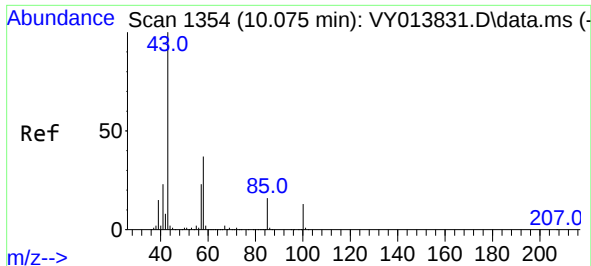
Tgt Ion: 98 Resp: 311111

Ion Ratio Lower Upper

98 100

100 63.1 50.8 76.2

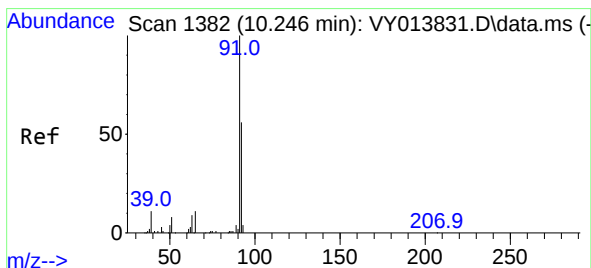
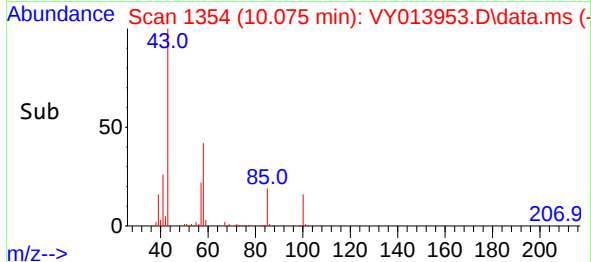
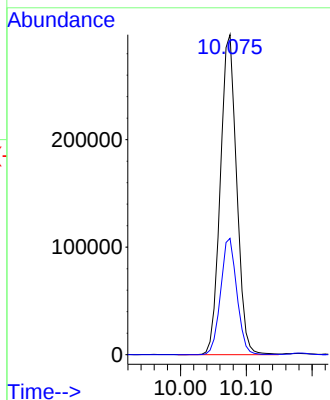
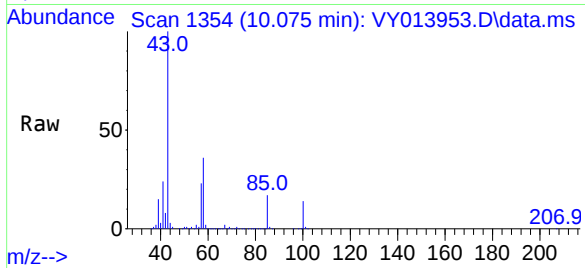




#51
4-Methyl-2-Pentanone
Concen: 339.231 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

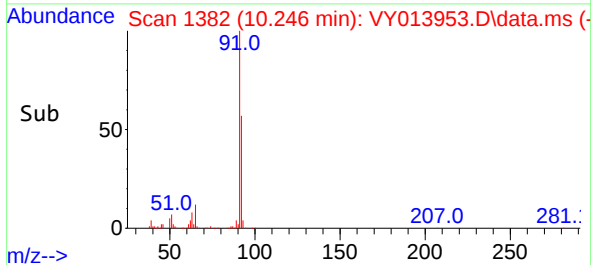
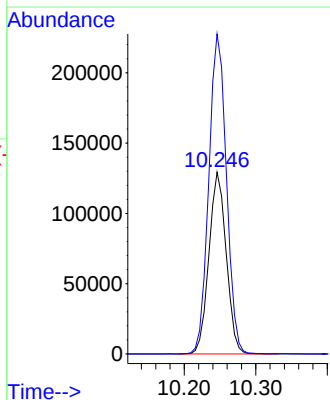
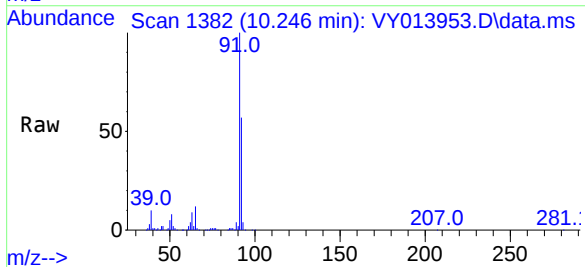
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

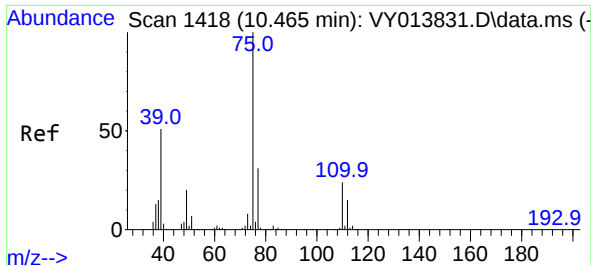
Tgt Ion: 43 Resp: 513856
Ion Ratio Lower Upper
43 100
58 36.2 29.1 43.7



#52
Toluene
Concen: 48.431 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 92 Resp: 216882
Ion Ratio Lower Upper
92 100
91 179.6 142.2 213.4

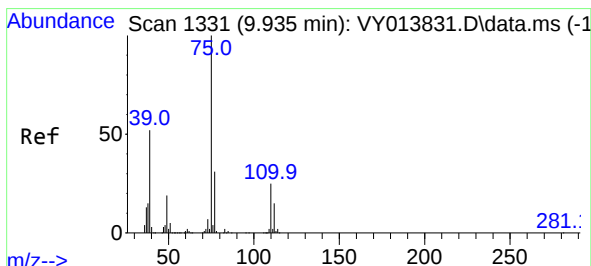
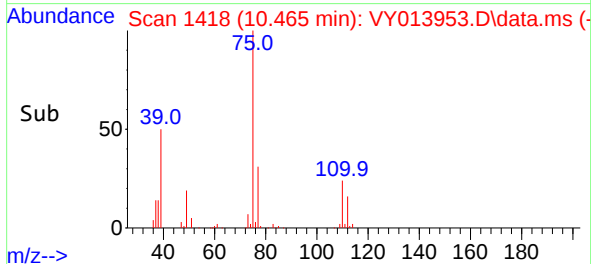
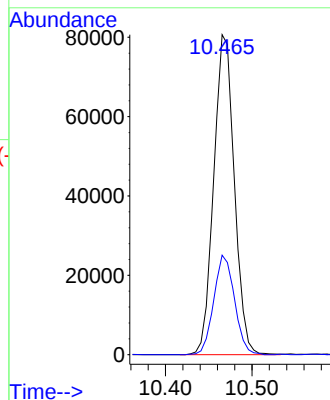
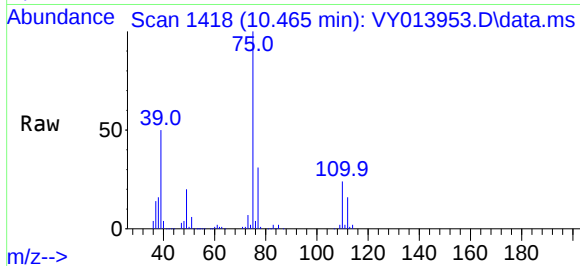




#53
t-1,3-Dichloropropene
Concen: 49.852 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

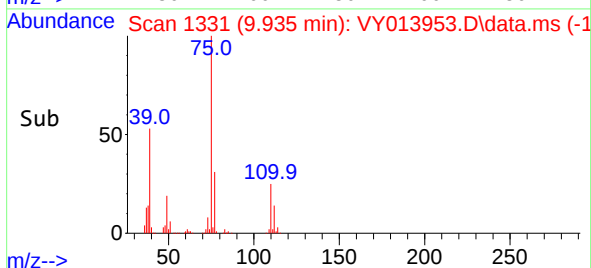
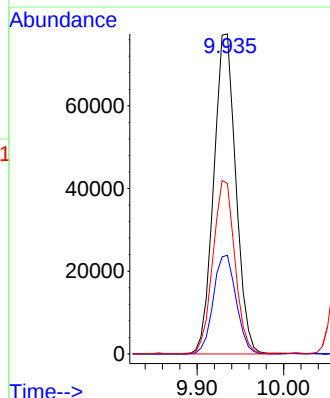
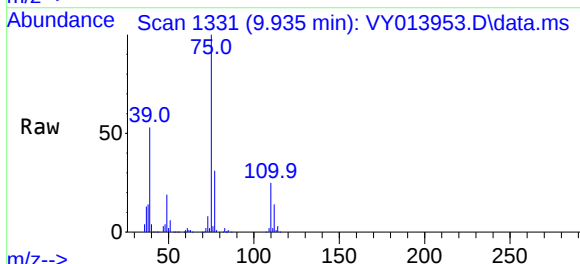
Instrument : MSVOA_Y
ClientSampleId : CB-32-G3-SO-69.5-051823MSD

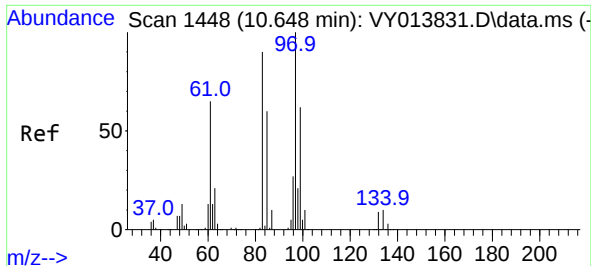
Tgt Ion: 75 Resp: 133256
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 45.835 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 75 Resp: 137255
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2
39 53.2 41.8 62.8

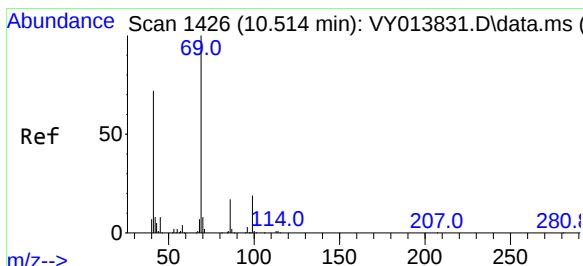
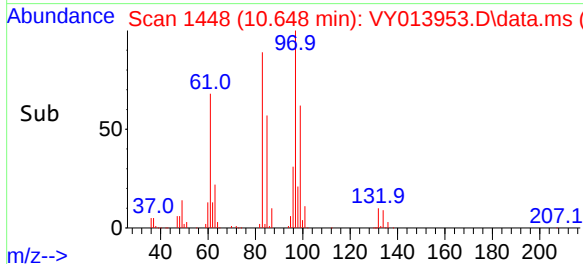
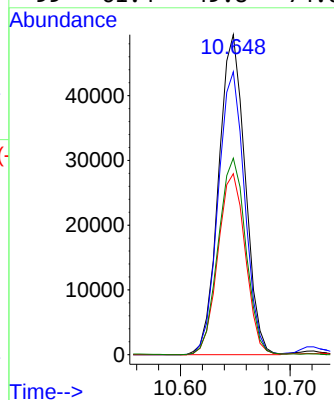
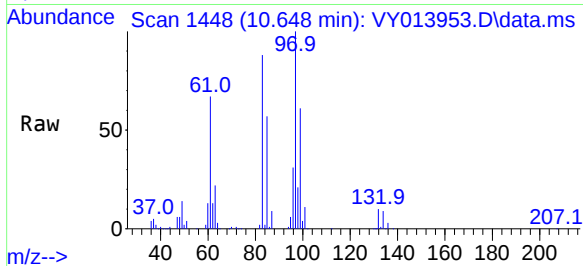




#55
1,1,2-Trichloroethane
Concen: 57.337 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

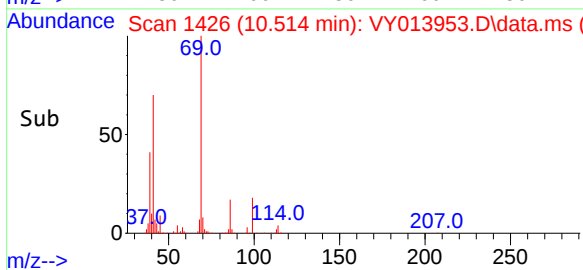
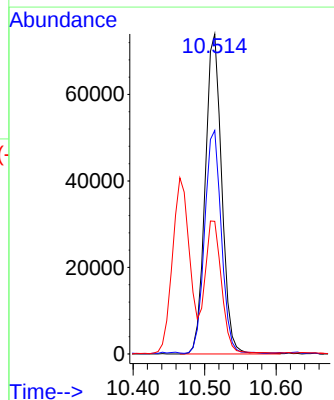
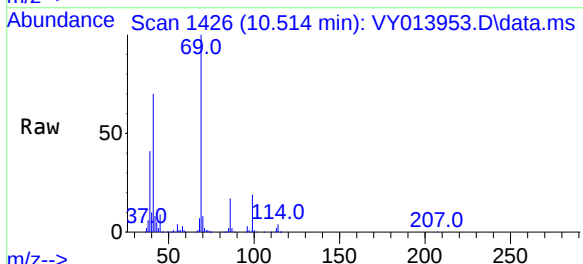
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

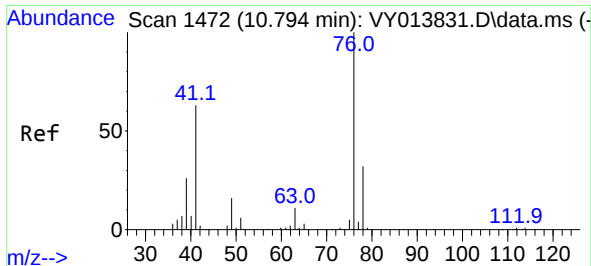
Tgt Ion:	97	Resp:	83119
Ion	Ratio	Lower	Upper
97	100		
83	88.4	71.9	107.9
85	56.5	47.6	71.4
99	61.4	49.8	74.6



#56
Ethyl methacrylate
Concen: 61.192 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion:	69	Resp:	118413
Ion	Ratio	Lower	Upper
69	100		
41	70.5	57.8	86.6
39	41.5	33.9	50.9

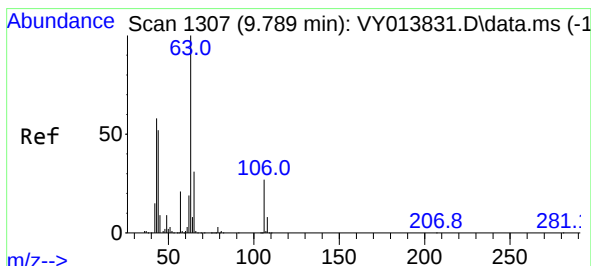
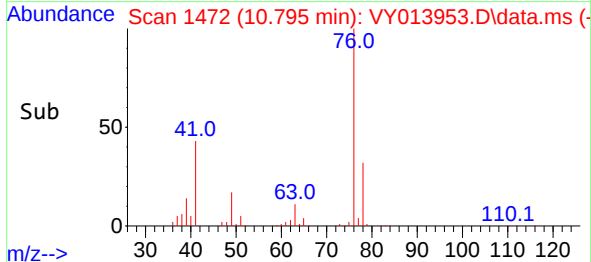
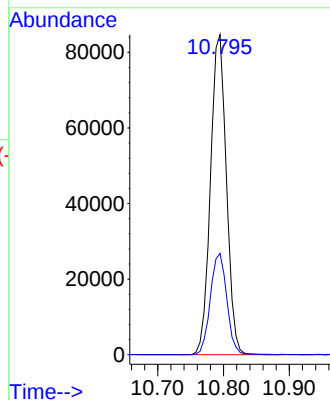
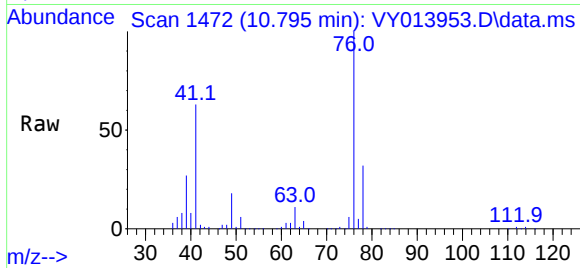




#57
1,3-Dichloropropane
Concen: 57.746 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

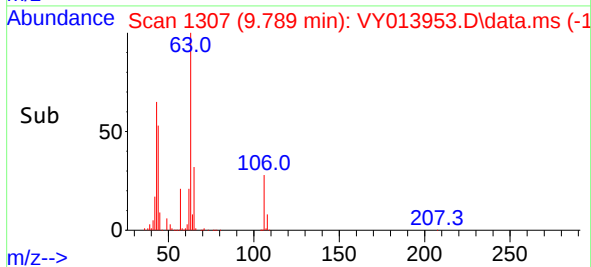
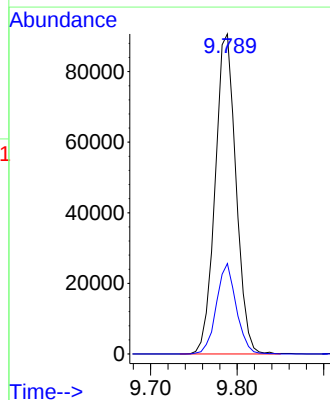
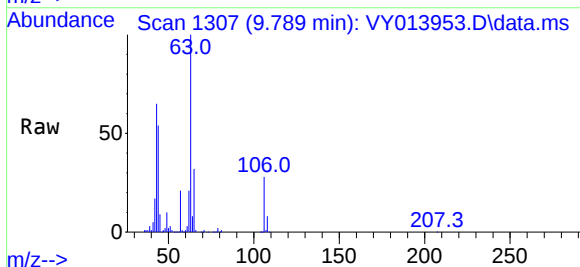
Instrument : MSVOA_Y
ClientSampleId : CB-32-G3-SO-69.5-051823MSD

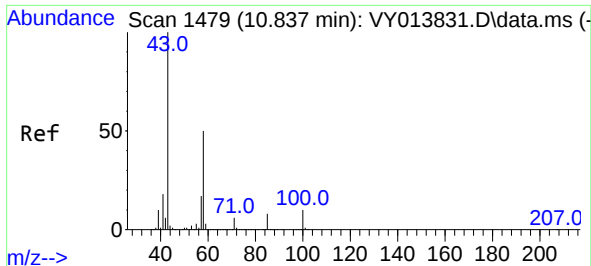
Tgt Ion: 76 Resp: 142570
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 245.348 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 63 Resp: 151491
Ion Ratio Lower Upper
63 100
106 26.9 21.3 31.9

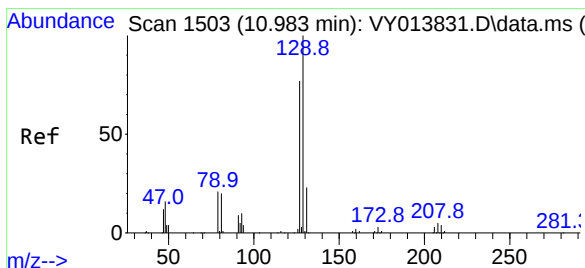
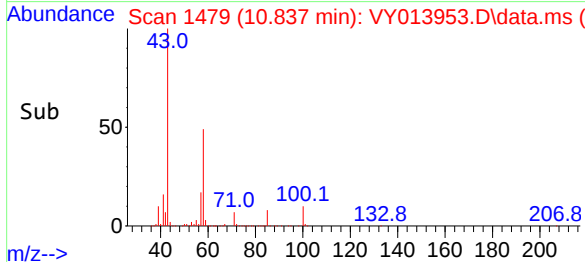
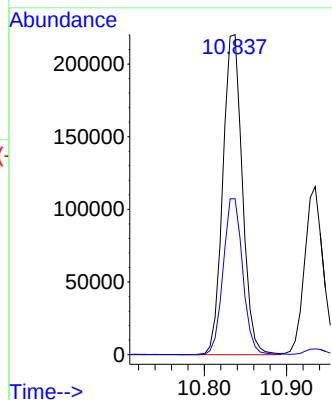
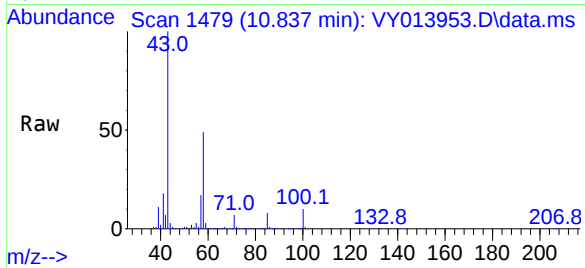




#59
2-Hexanone
Concen: 336.528 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

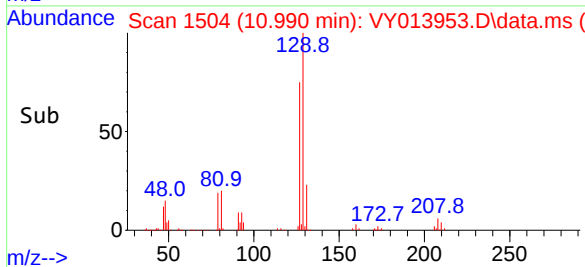
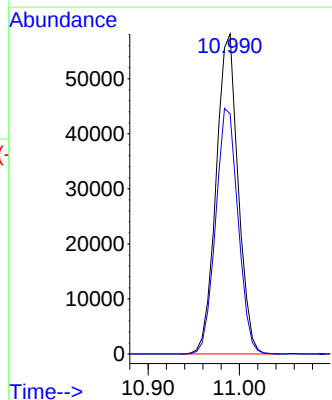
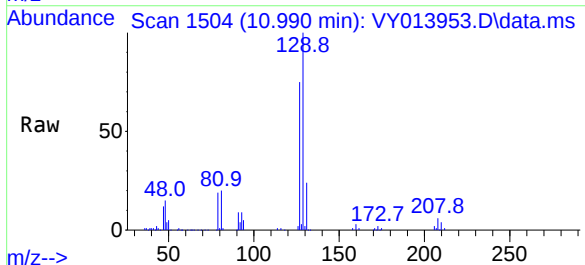
Instrument : MSVOA_Y
ClientSampleId : CB-32-G3-SO-69.5-051823MSD

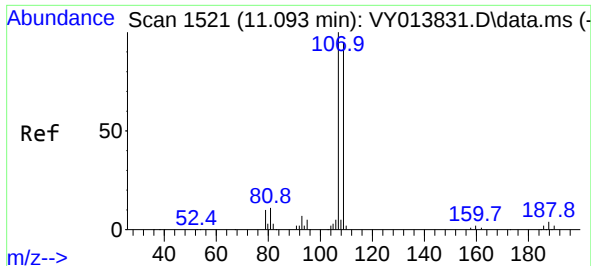
Tgt Ion: 43 Resp: 362601
Ion Ratio Lower Upper
43 100
58 49.0 24.8 74.3



#60
Dibromochloromethane
Concen: 53.100 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 129 Resp: 97373
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0

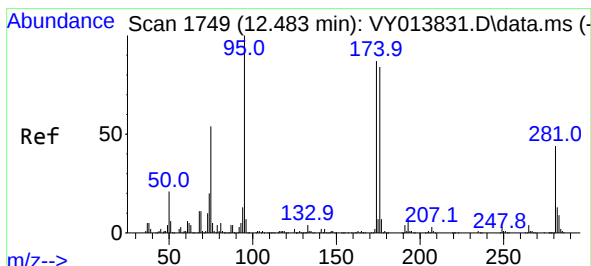
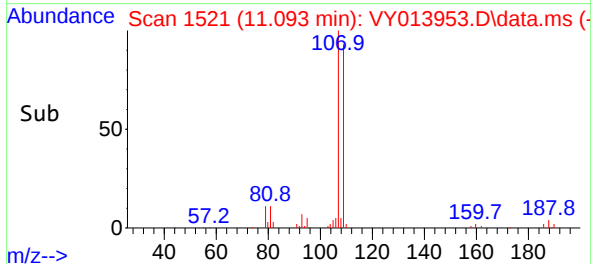
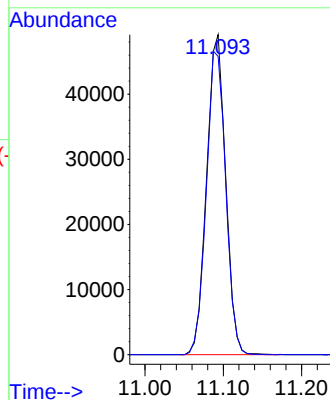
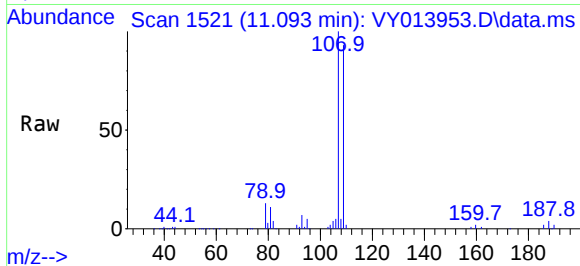




#61
1,2-Dibromoethane
Concen: 60.030 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

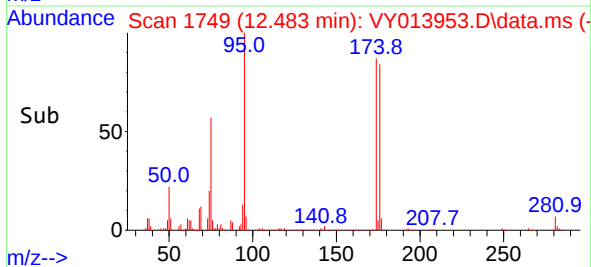
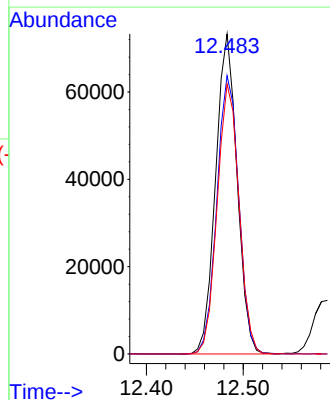
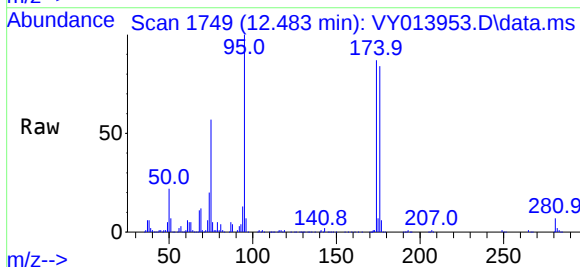
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

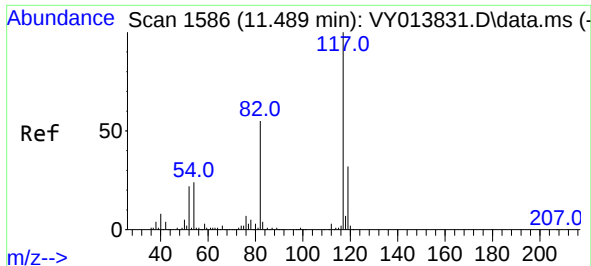
Tgt Ion:107 Resp: 82784
Ion Ratio Lower Upper
107 100
109 96.5 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 53.174 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 95 Resp: 112780
Ion Ratio Lower Upper
95 100
174 88.7 0.0 176.0
176 85.6 0.0 170.2

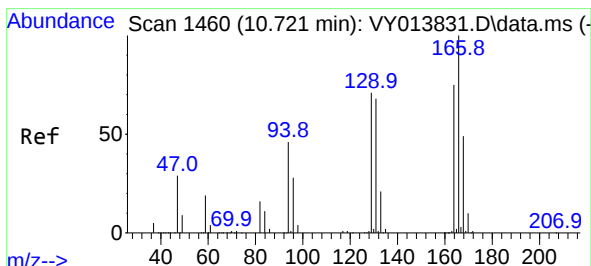
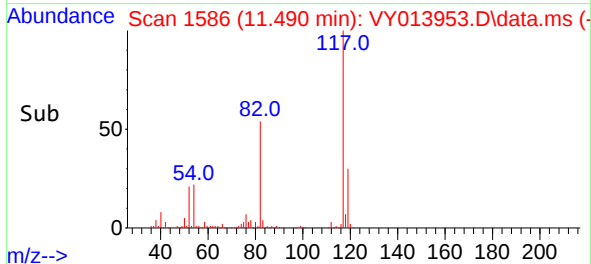
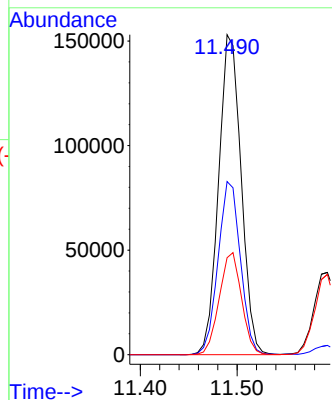
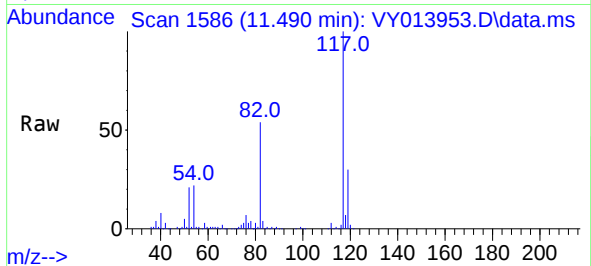




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

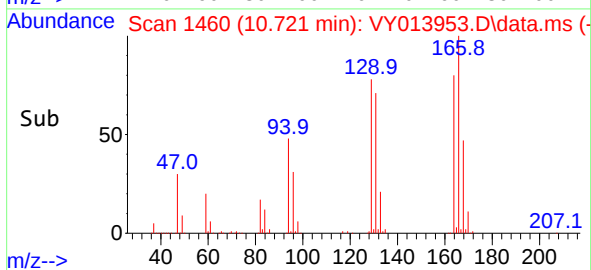
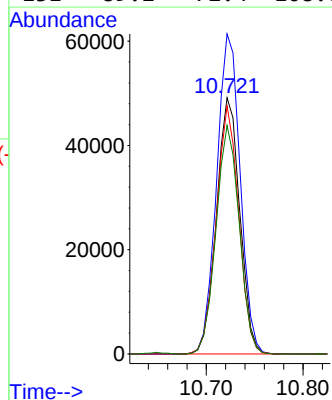
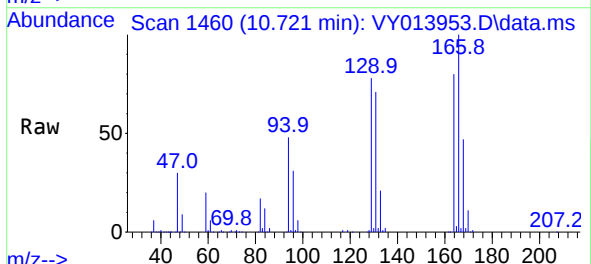
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

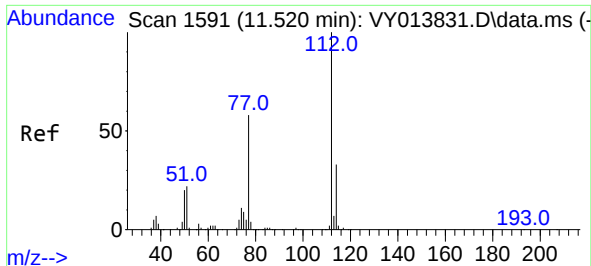
Tgt Ion:	117	Resp:	247007
Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.2	66.4
119	30.3	25.7	38.5



#64
Tetrachloroethene
Concen: 45.141 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion:	164	Resp:	82500
Ion	Ratio	Lower	Upper
164	100		
166	124.9	106.2	159.2
129	96.8	75.4	113.0
131	89.2	72.4	108.6

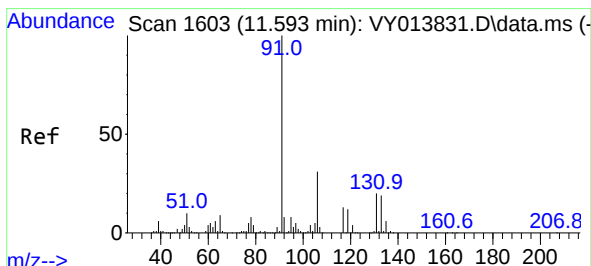
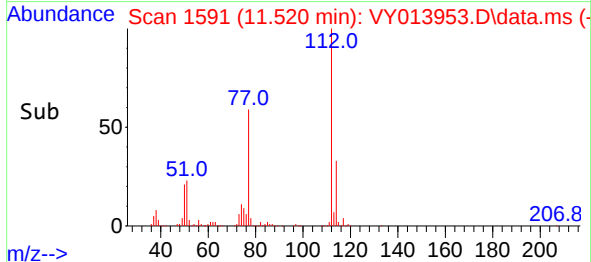
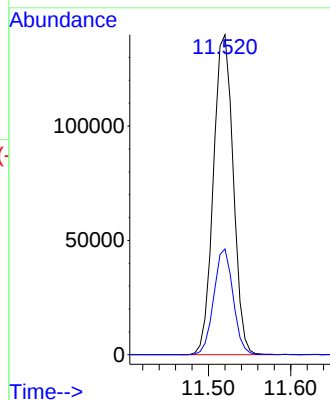
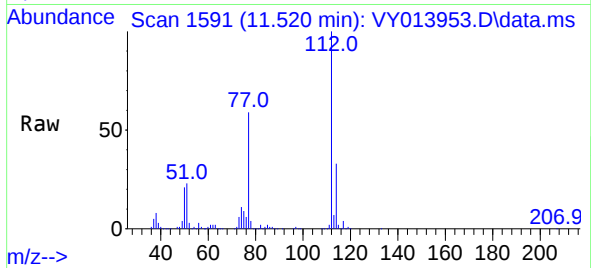




#65
Chlorobenzene
Concen: 45.356 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

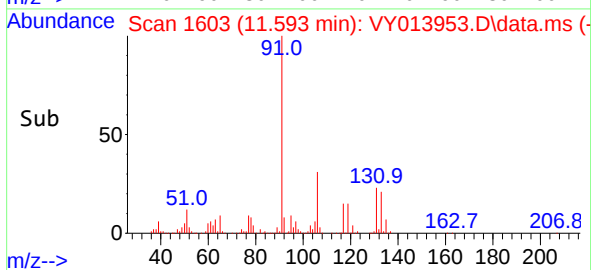
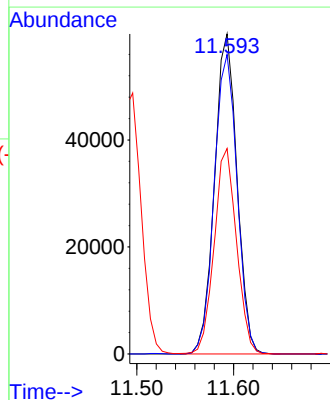
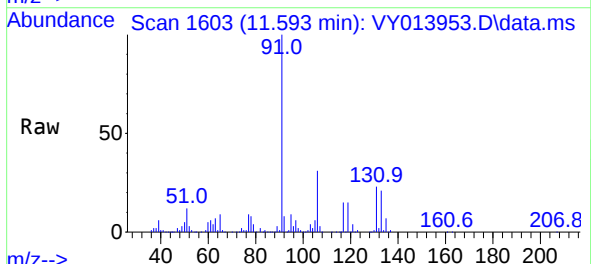
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

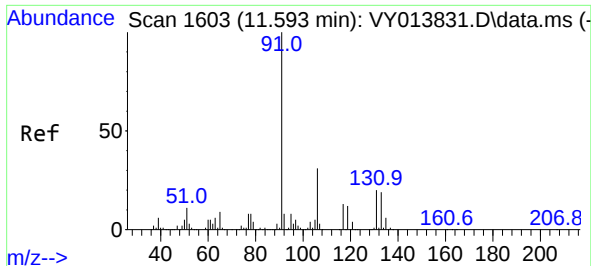
Tgt Ion:112 Resp: 234805
Ion Ratio Lower Upper
112 100
114 33.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.301 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion:131 Resp: 96509
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.7
119 63.9 32.1 96.5





#67

Ethyl Benzene

Concen: 43.291 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013953.D

Acq: 31 May 2023 22:02

Instrument :

MSVOA_Y

ClientSampleId :

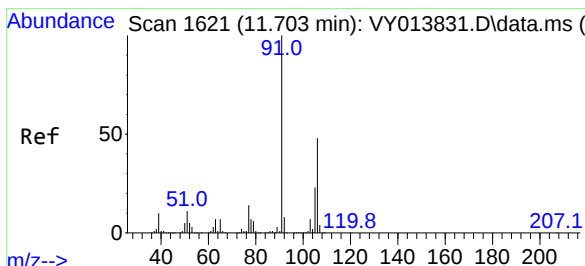
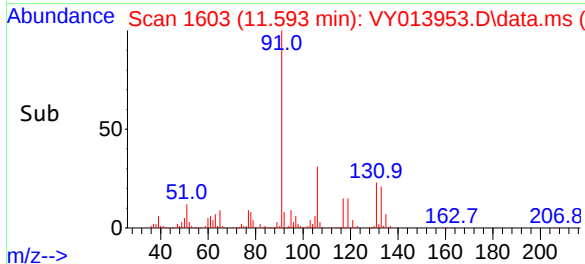
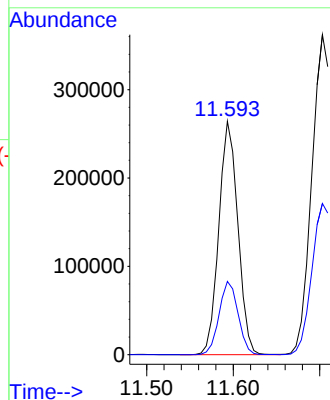
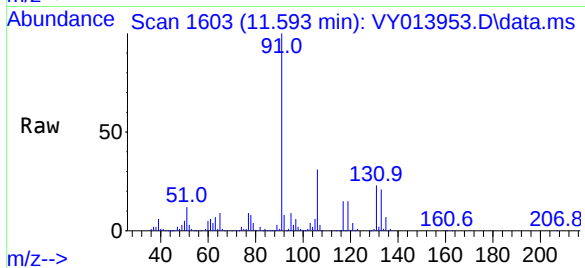
CB-32-G3-SO-69.5-051823MSD

Tgt Ion: 91 Resp: 403314

Ion Ratio Lower Upper

91 100

106 31.4 24.7 37.1



#68

m/p-Xylenes

Concen: 88.462 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013953.D

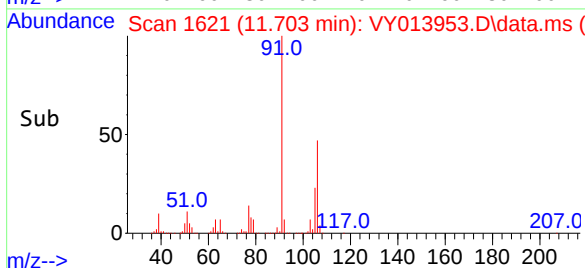
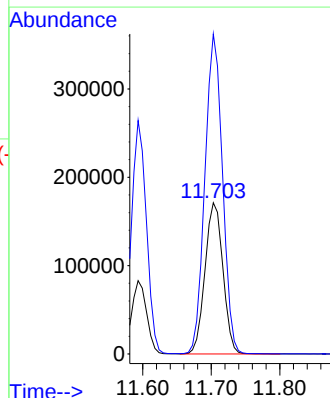
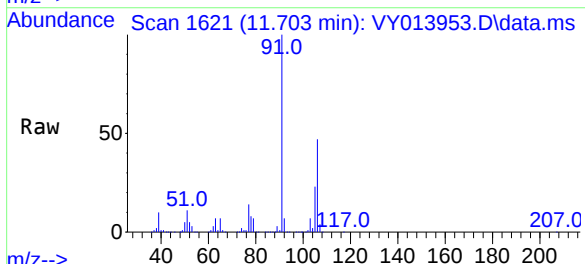
Acq: 31 May 2023 22:02

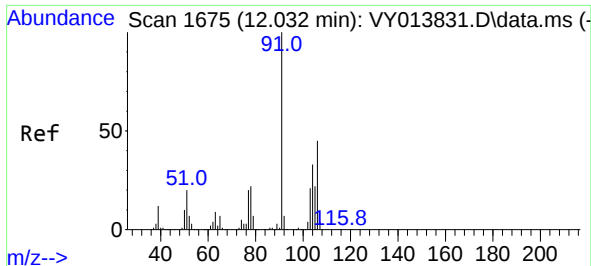
Tgt Ion: 106 Resp: 311887

Ion Ratio Lower Upper

106 100

91 207.7 164.9 247.3

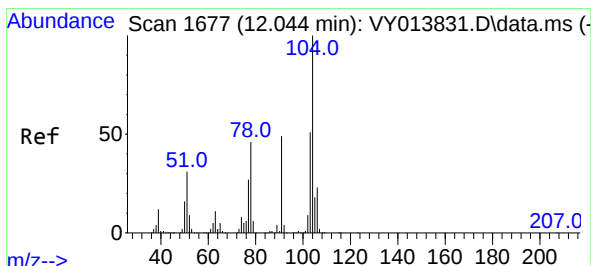
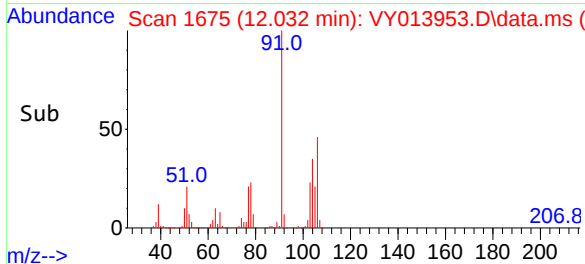
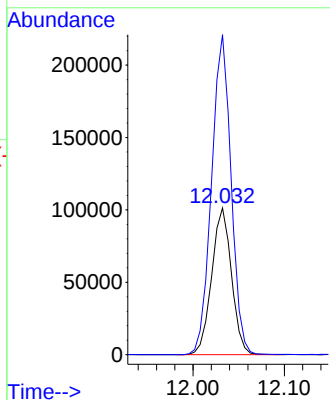
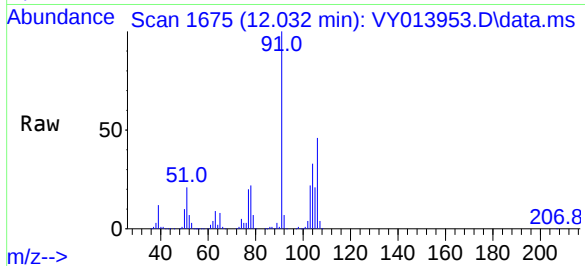




#69
o-Xylene
Concen: 45.802 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

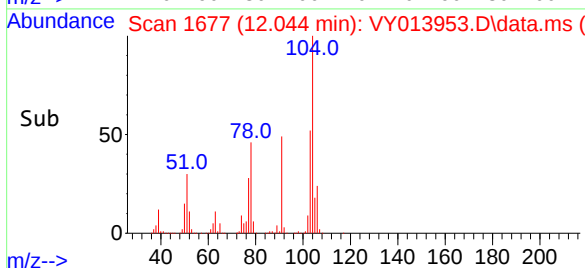
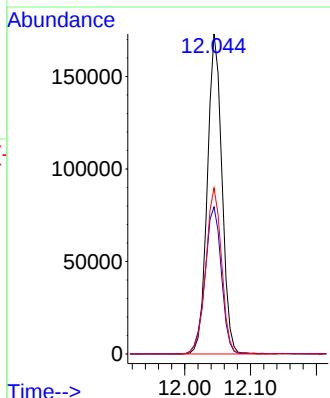
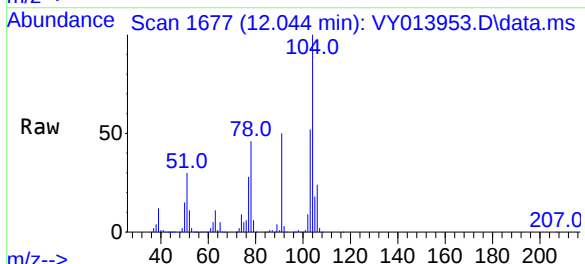
Instrument : MSVOA_Y
ClientSampleId : CB-32-G3-SO-69.5-051823MSD

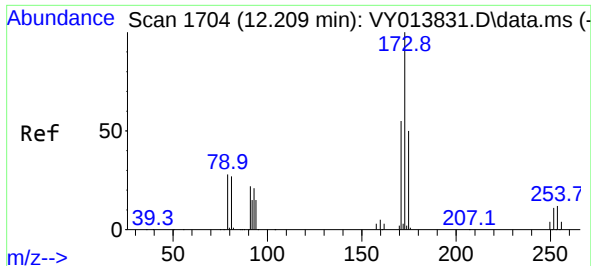
Tgt Ion:106 Resp: 152112
Ion Ratio Lower Upper
106 100
91 215.8 109.0 327.0



#70
Styrene
Concen: 47.562 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion:104 Resp: 267563
Ion Ratio Lower Upper
104 100
78 51.4 40.8 61.2
103 56.1 44.2 66.4

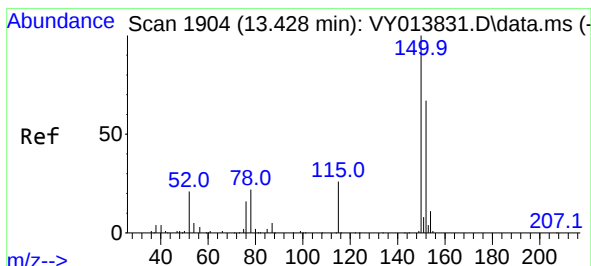
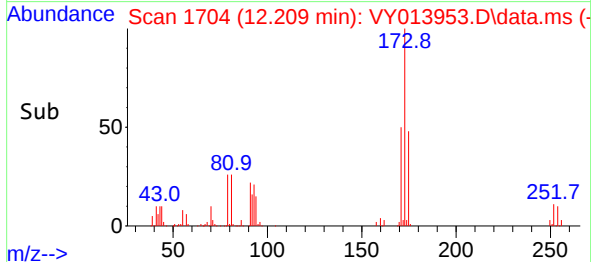
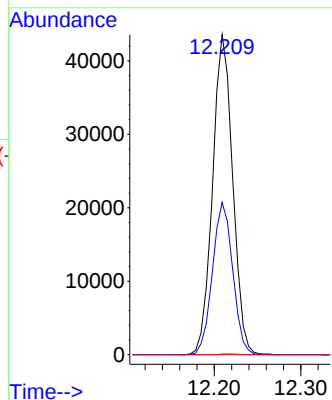
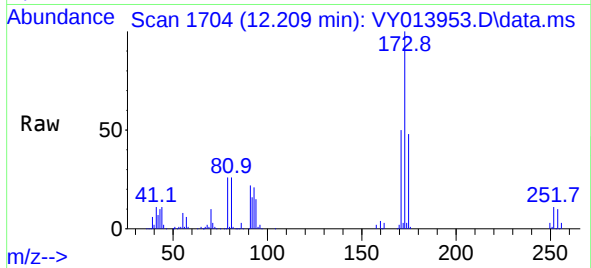




#71
Bromoform
Concen: 53.801 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

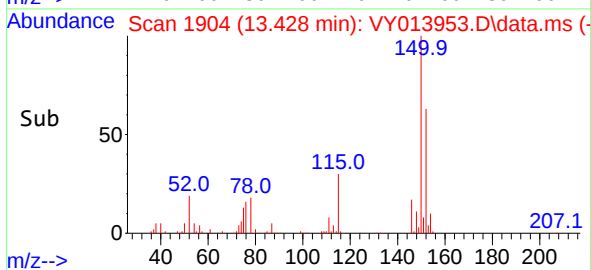
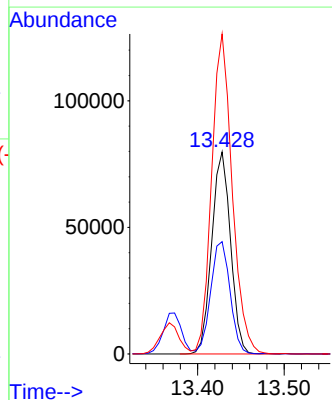
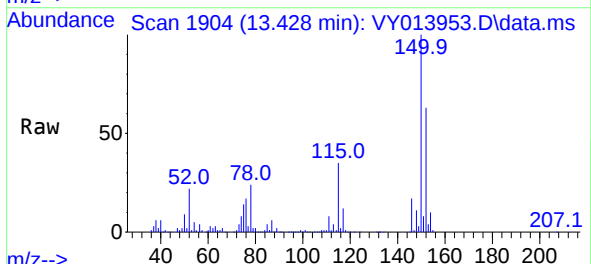
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

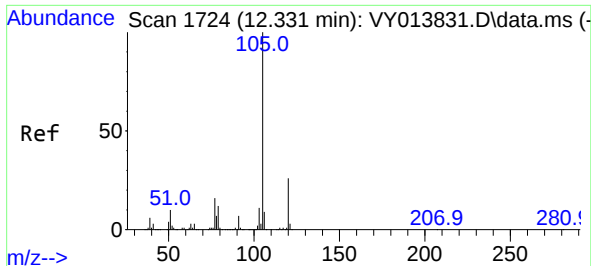
Tgt Ion:173 Resp: 70260
Ion Ratio Lower Upper
173 100
175 47.8 25.1 75.4
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion:152 Resp: 120426
Ion Ratio Lower Upper
152 100
115 56.9 28.8 86.5
150 173.0 0.0 353.4

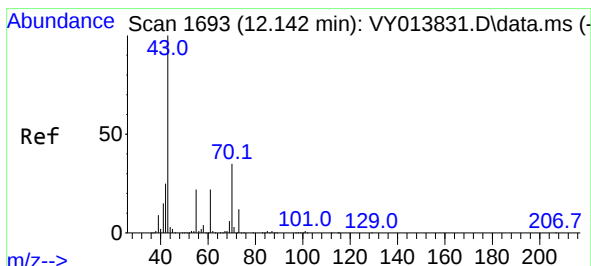
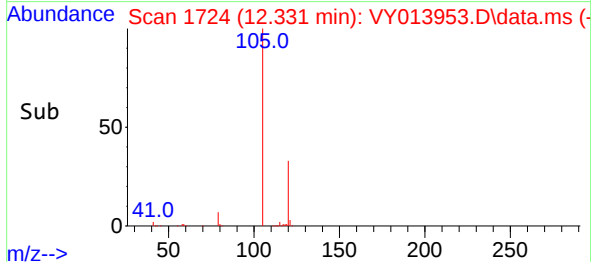
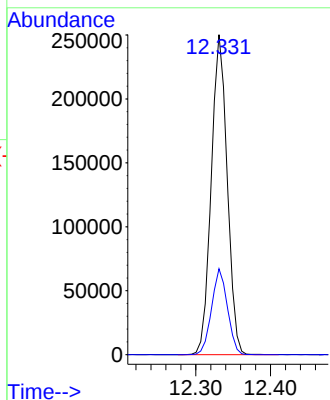
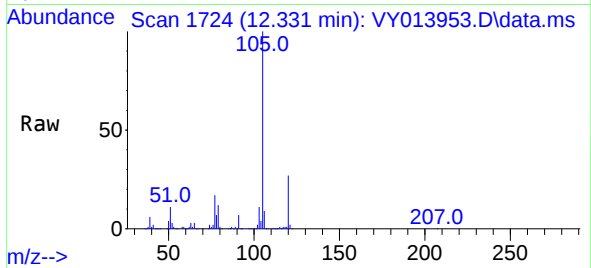




#73
Isopropylbenzene
Concen: 41.512 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

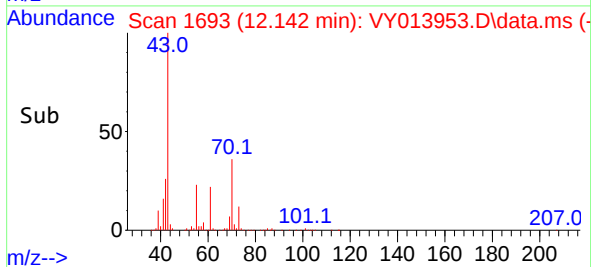
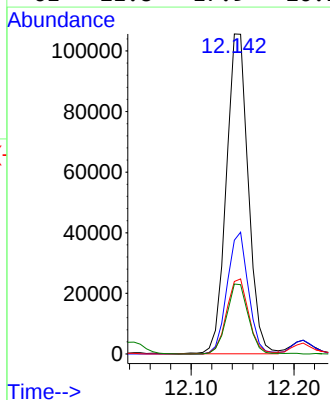
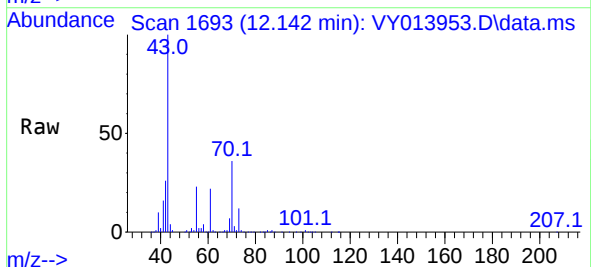
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

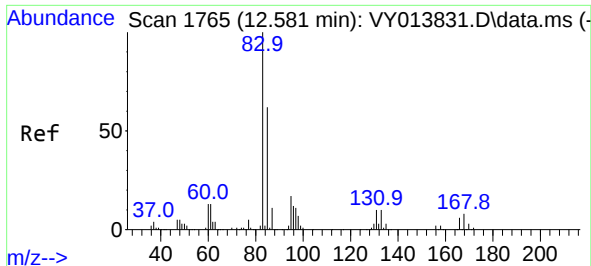
Tgt Ion:105 Resp: 372082
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



#74
N-ethyl acetate
Concen: 57.973 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 43 Resp: 156228
Ion Ratio Lower Upper
43 100
70 36.9 29.3 43.9
55 23.8 18.0 27.0
61 21.8 17.9 26.9

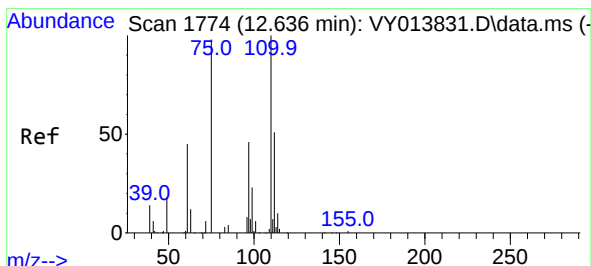
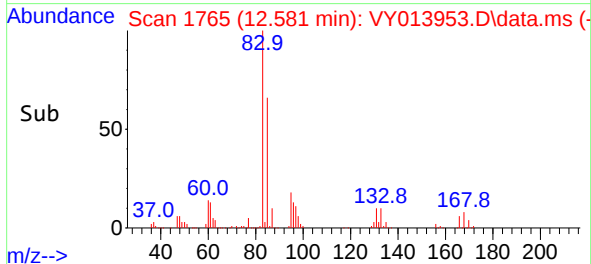
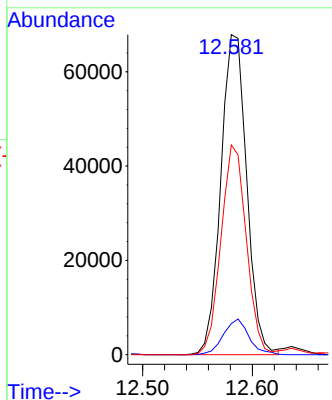
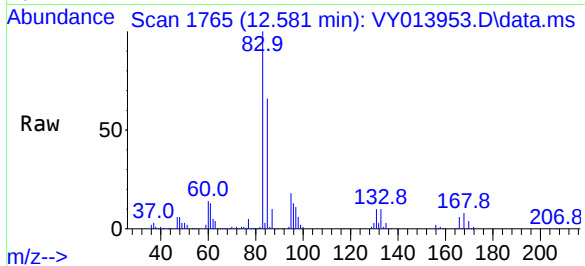




#75
1,1,2,2-Tetrachloroethane
Concen: 60.028 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

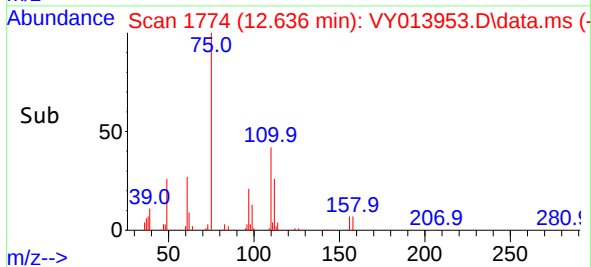
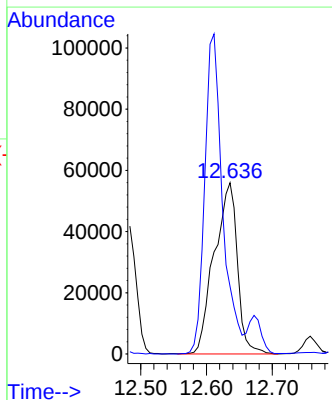
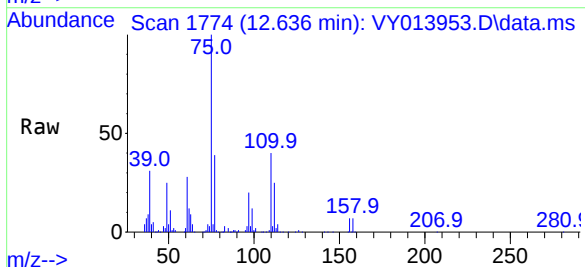
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

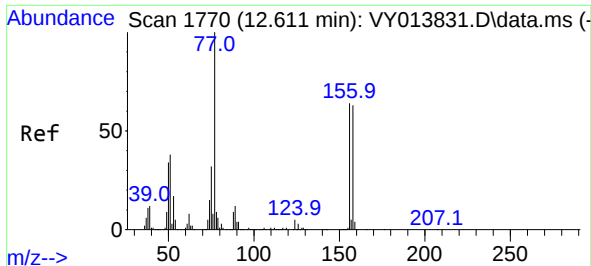
Tgt Ion: 83 Resp: 111381
Ion Ratio Lower Upper
83 100
131 11.0 5.3 16.1
85 64.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 96.464 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 75 Resp: 136977
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

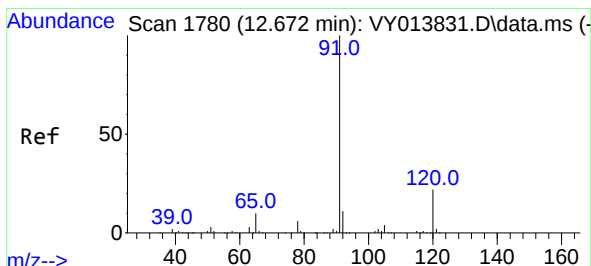
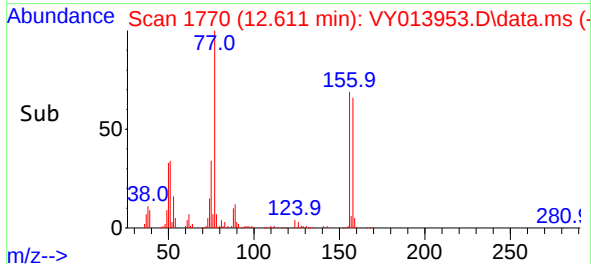
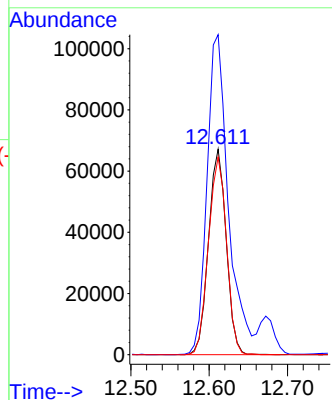
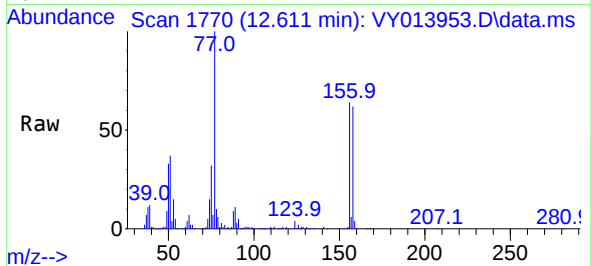




#77
Bromobenzene
Concen: 47.892 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

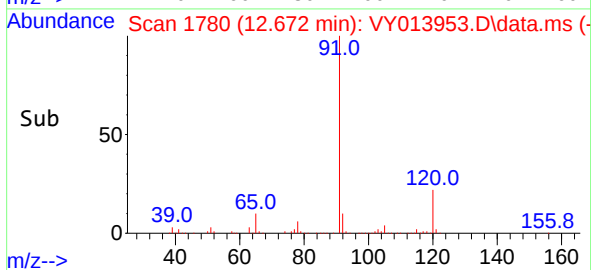
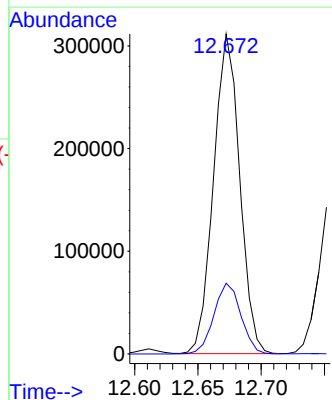
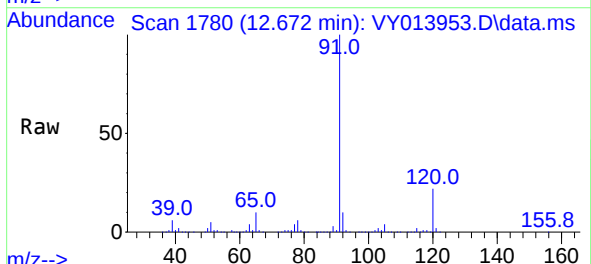
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

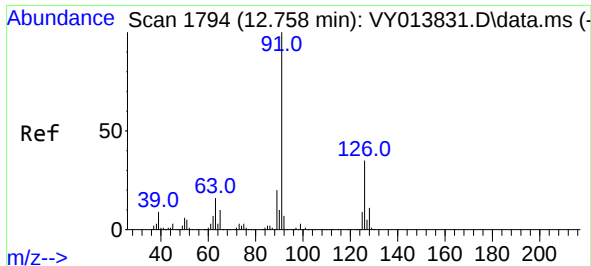
Tgt Ion:156 Resp: 105329
Ion Ratio Lower Upper
156 100
77 186.9 91.6 274.8
158 98.4 48.9 146.6



#78
n-propylbenzene
Concen: 40.347 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion: 91 Resp: 446768
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9

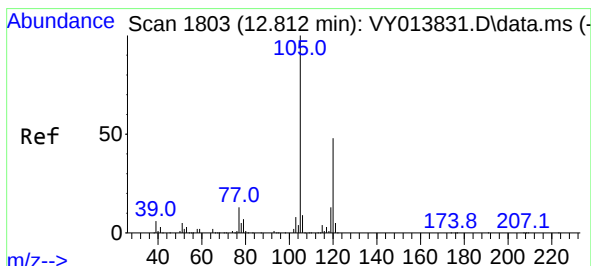
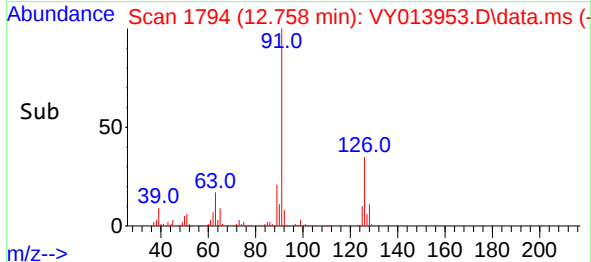
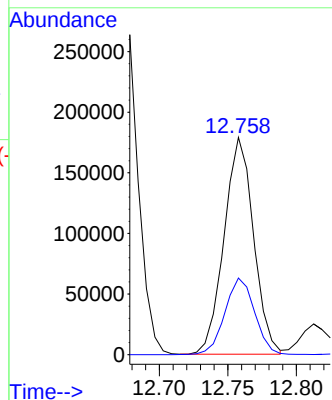
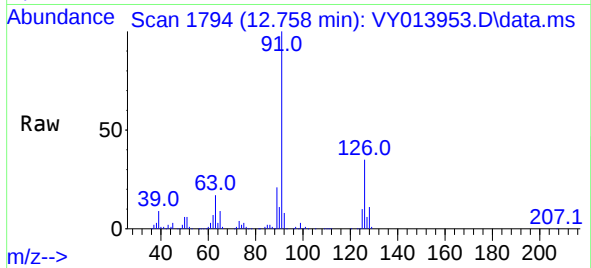




#79
2-Chlorotoluene
Concen: 43.372 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

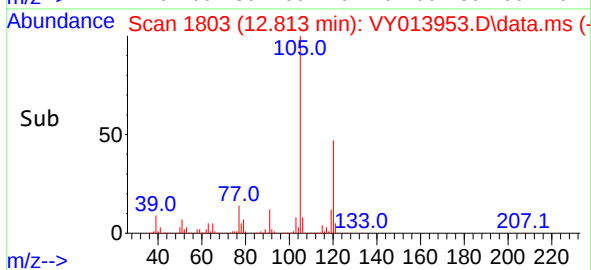
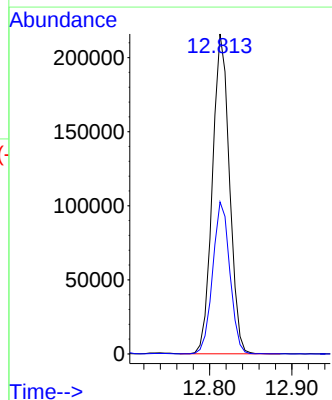
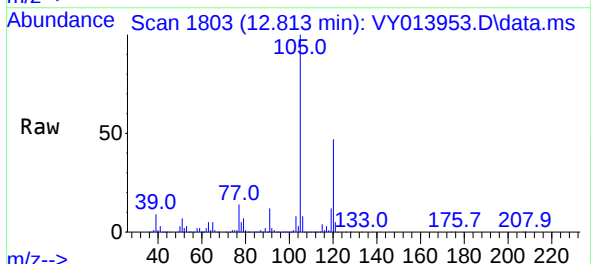
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

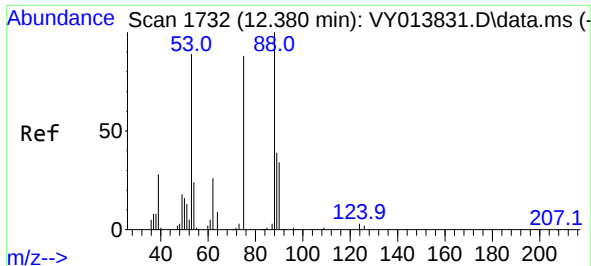
Tgt Ion: 91 Resp: 268266
Ion Ratio Lower Upper
91 100
126 35.7 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 41.952 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion:105 Resp: 310387
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7

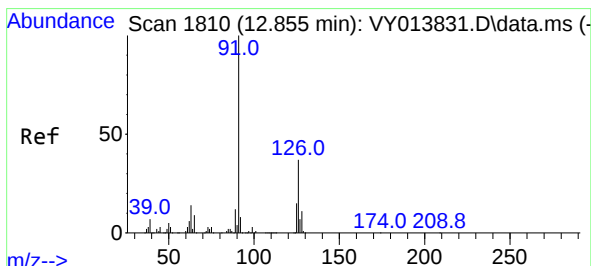
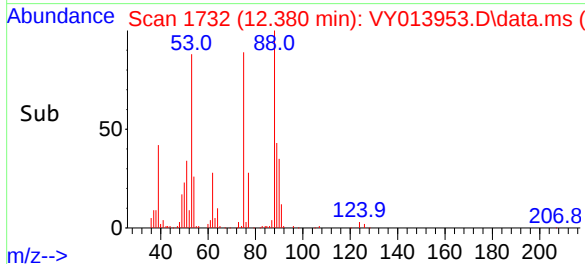
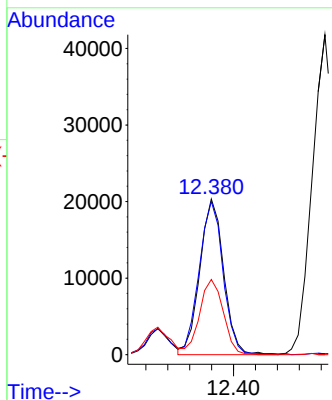
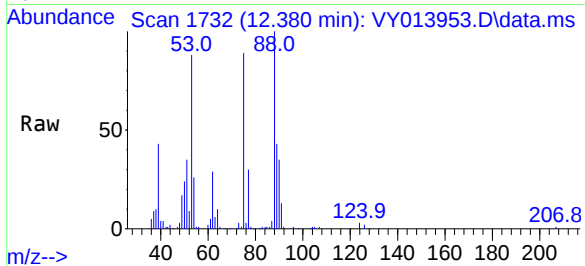




#81
trans-1,4-Dichloro-2-butene
Concen: 46.973 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

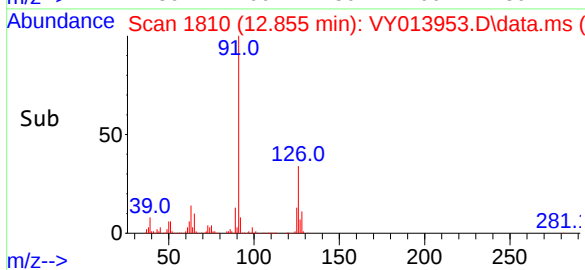
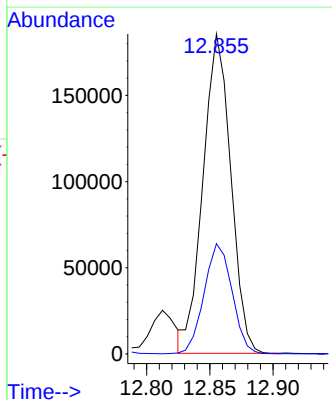
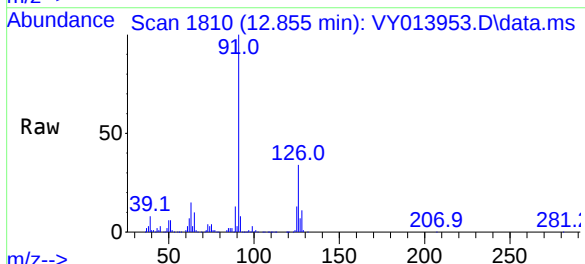
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

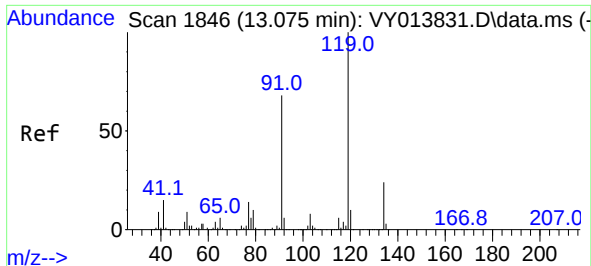
Tgt Ion:	75	Resp:	30728
Ion	Ratio	Lower	Upper
75	100		
53	99.3	79.7	119.5
89	47.4	36.4	54.6



#82
4-Chlorotoluene
Concen: 44.349 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion:	91	Resp:	283518
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.9	53.7

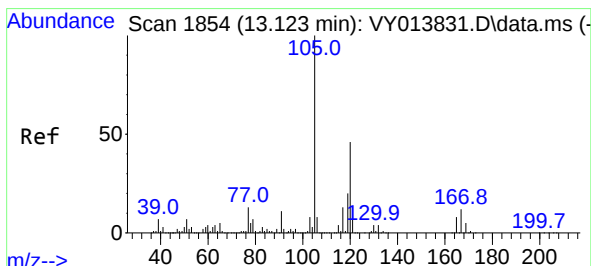
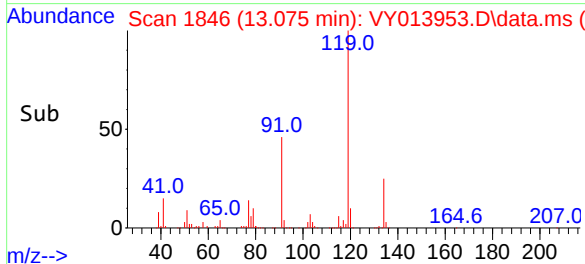
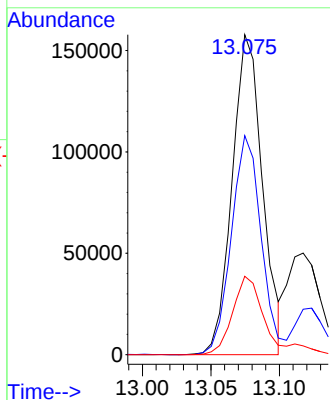
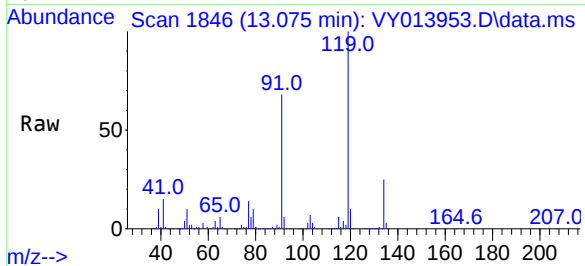




#83
tert-Butylbenzene
Concen: 37.772 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

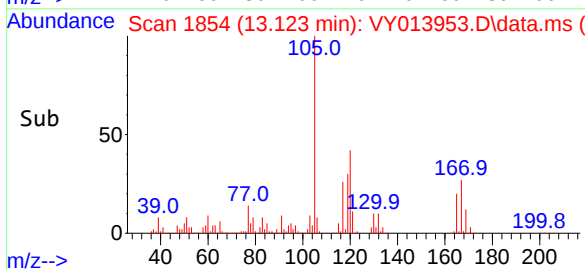
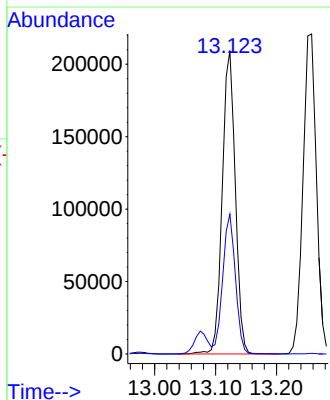
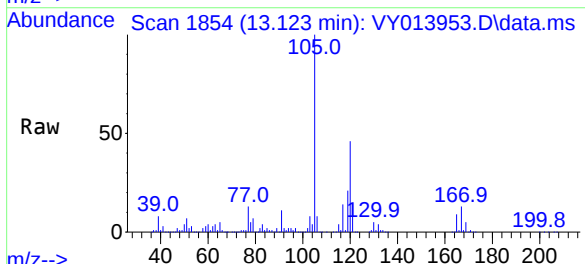
Instrument : MSVOA_Y
ClientSampleId : CB-32-G3-SO-69.5-051823MSD

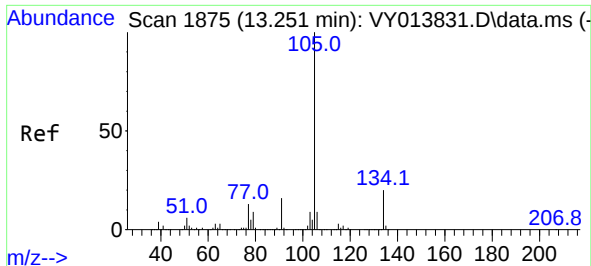
Tgt Ion:119 Resp: 243401
Ion Ratio Lower Upper
119 100
91 67.7 33.7 101.0
134 26.6 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 42.960 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion:105 Resp: 312003
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3

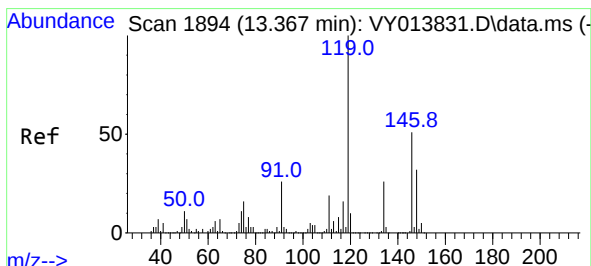
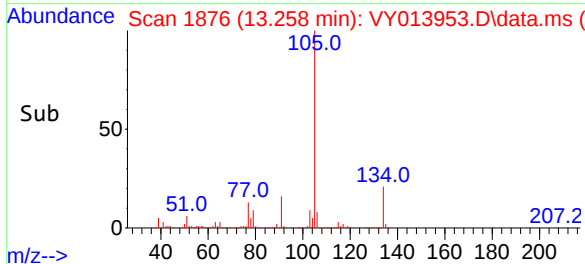
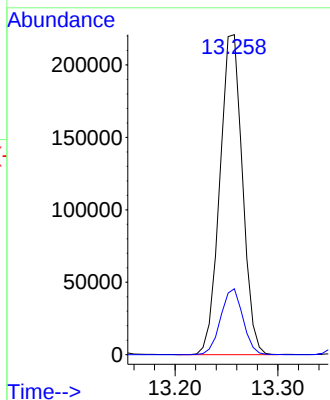
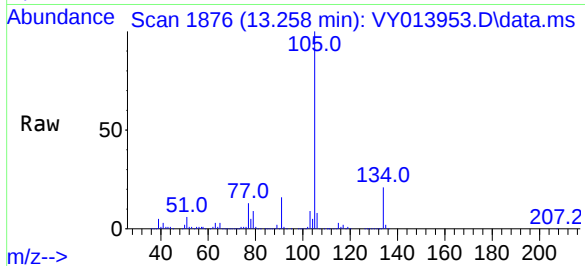




#85
 sec-Butylbenzene
 Concen: 35.215 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY013953.D
 Acq: 31 May 2023 22:02

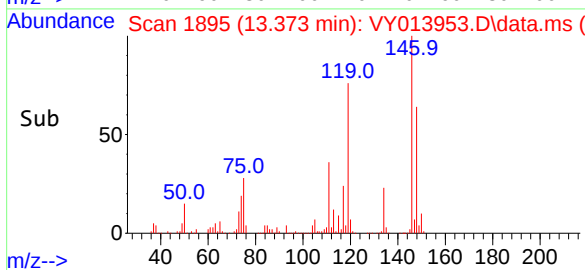
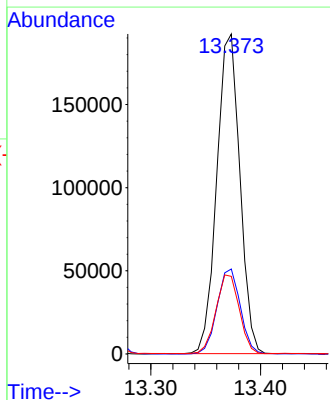
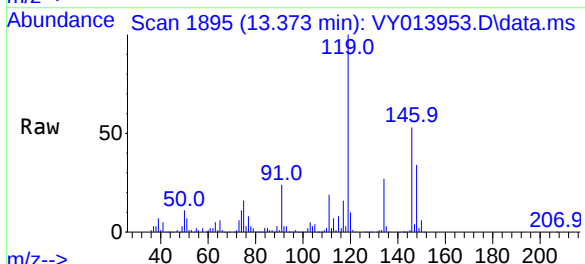
Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-69.5-051823MSD

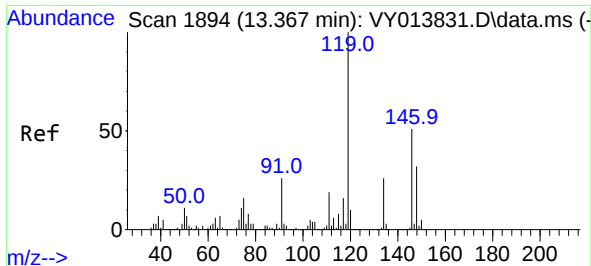
Tgt Ion:105 Resp: 337089
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 35.590 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY013953.D
 Acq: 31 May 2023 22:02

Tgt Ion:119 Resp: 281579
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.9
 91 24.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 43.861 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013953.D

Acq: 31 May 2023 22:02

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-69.5-051823MSD

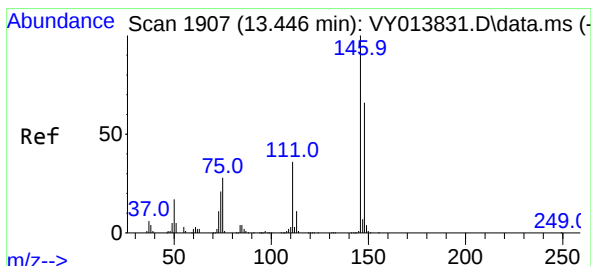
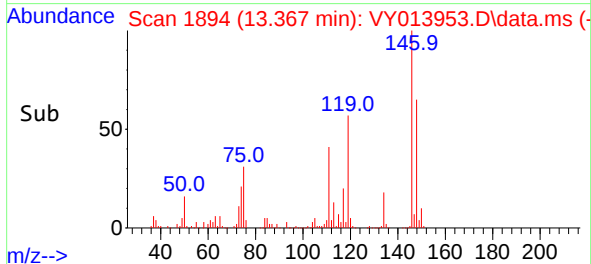
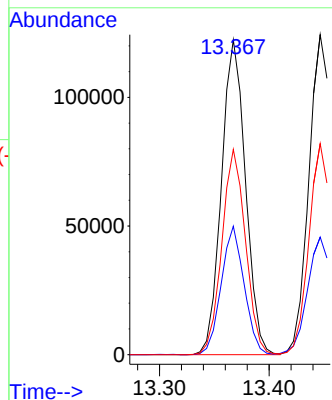
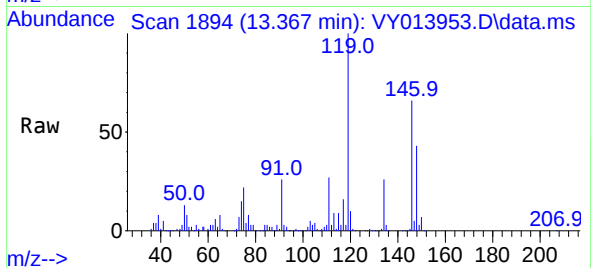
Tgt Ion:146 Resp: 186312

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

148 64.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 44.493 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013953.D

Acq: 31 May 2023 22:02

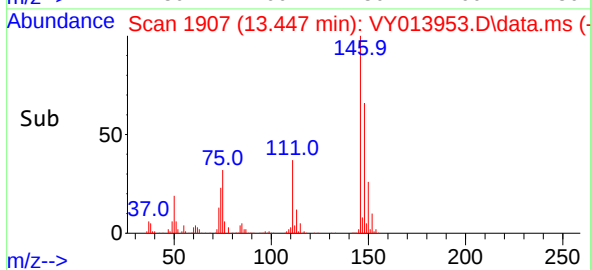
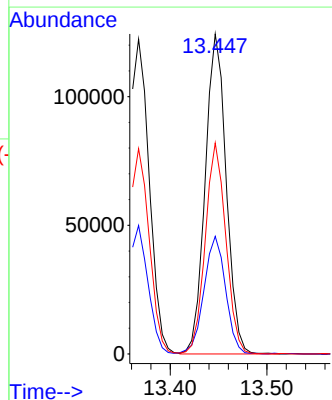
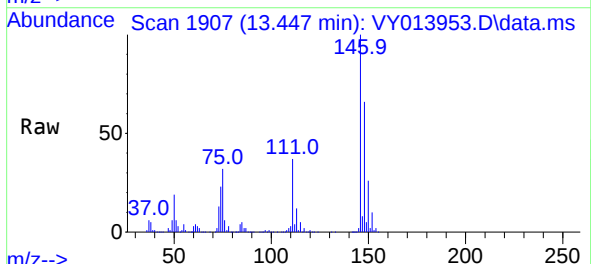
Tgt Ion:146 Resp: 188160

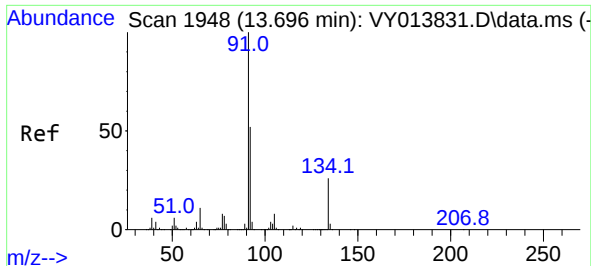
Ion Ratio Lower Upper

146 100

111 37.7 18.6 55.8

148 64.5 32.4 97.2

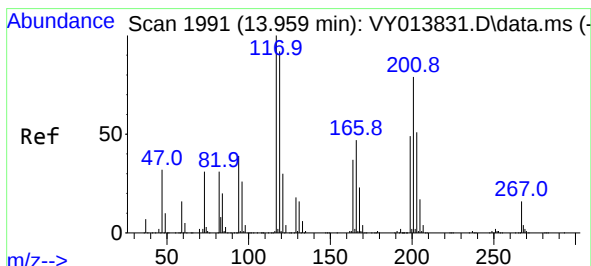
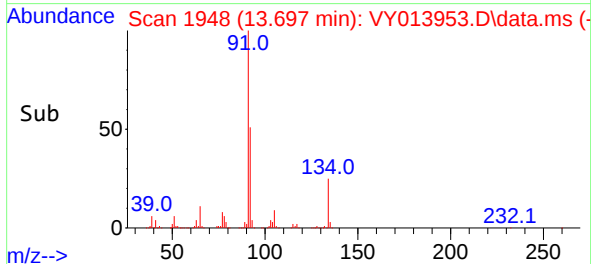
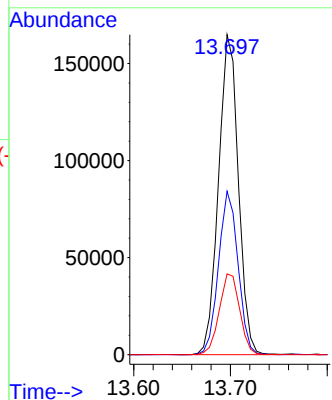
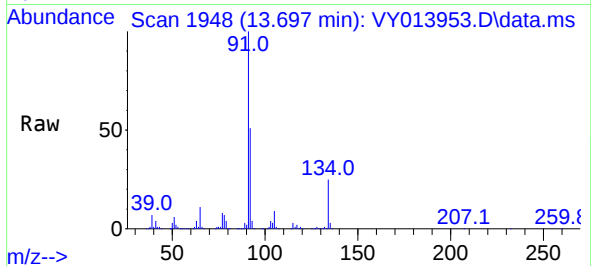




#89
n-Butylbenzene
Concen: 30.949 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

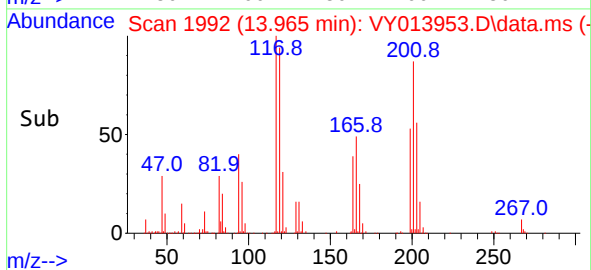
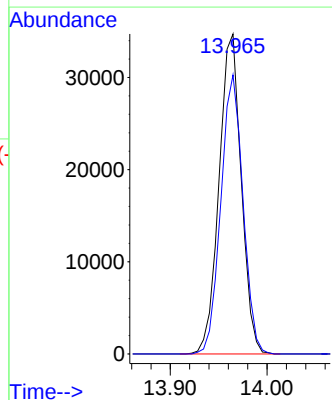
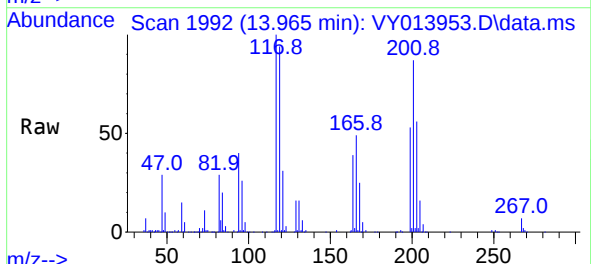
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

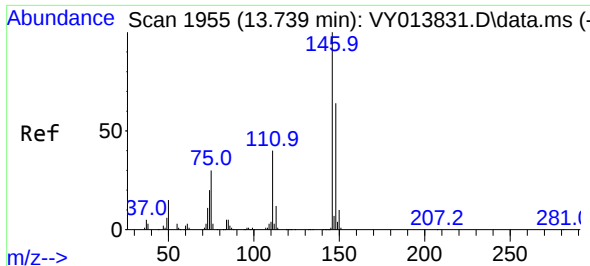
Tgt Ion:	91	Resp:	234810
Ion	Ratio	Lower	Upper
91	100		
92	50.2	25.6	76.6
134	26.0	13.0	38.9



#90
Hexachloroethane
Concen: 33.957 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion:	117	Resp:	55160
Ion	Ratio	Lower	Upper
117	100		
201	87.0	42.3	126.8

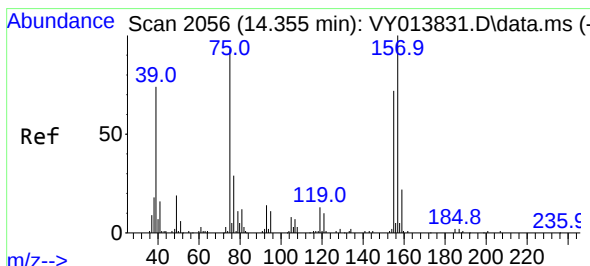
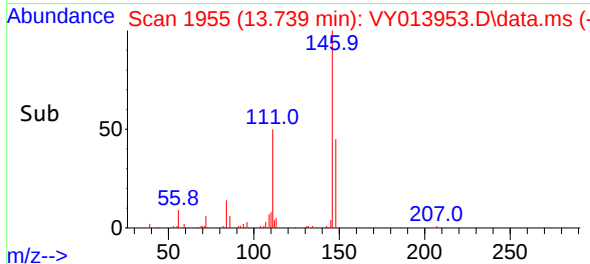
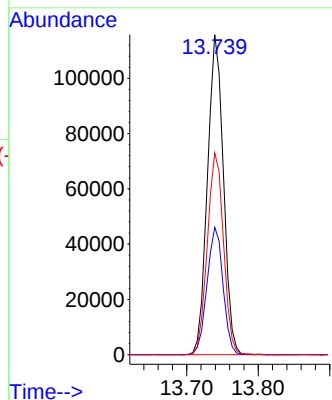
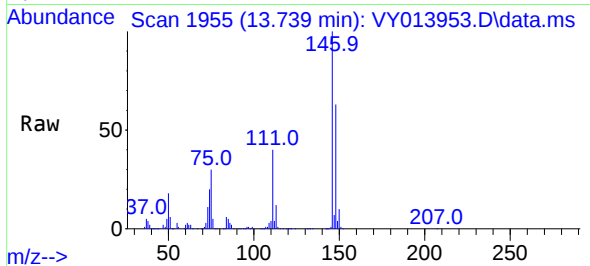




#91
1,2-Dichlorobenzene
Concen: 47.523 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

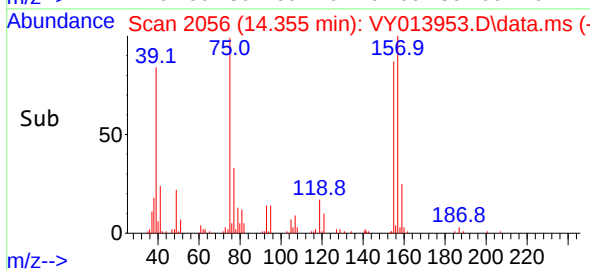
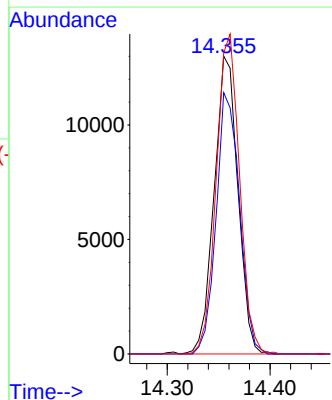
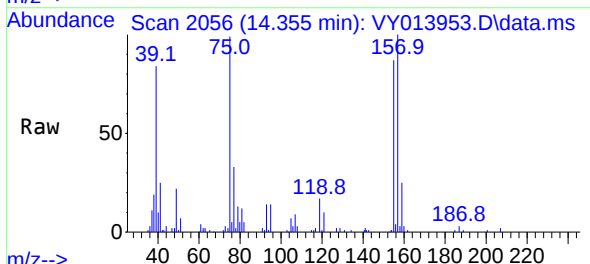
Instrument : MSVOA_Y
ClientSampleId : CB-32-G3-SO-69.5-051823MSD

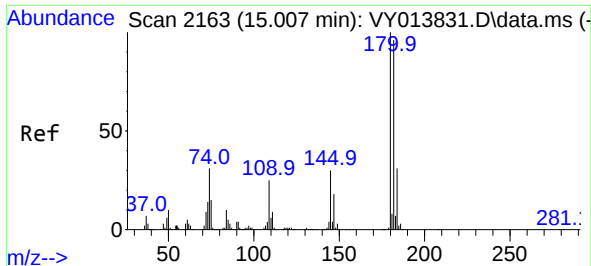
Tgt Ion:	146	Resp:	179403
Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.8
148	64.0	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 64.105 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion:	75	Resp:	20839
Ion	Ratio	Lower	Upper
75	100		
155	86.5	39.9	119.6
157	105.4	54.6	163.8





#93

1,2,4-Trichlorobenzene

Concen: 36.678 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013953.D

Acq: 31 May 2023 22:02

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-69.5-051823MSD

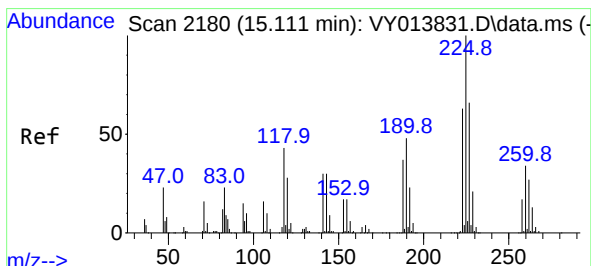
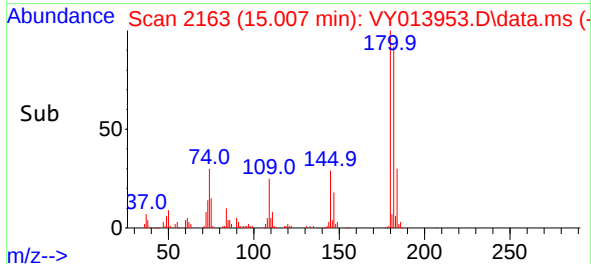
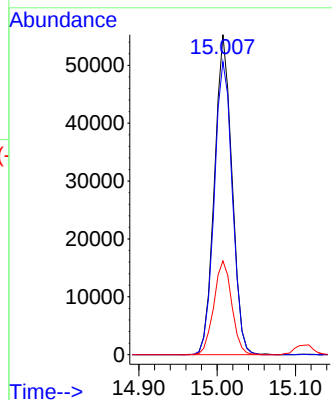
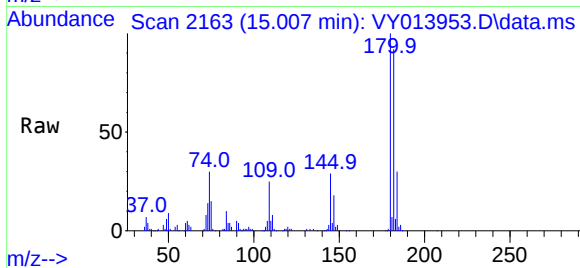
Tgt Ion:180 Resp: 85838

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.3

145 30.0 14.8 44.4



#94

Hexachlorobutadiene

Concen: 17.777 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013953.D

Acq: 31 May 2023 22:02

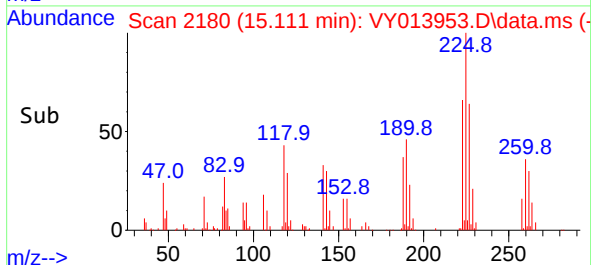
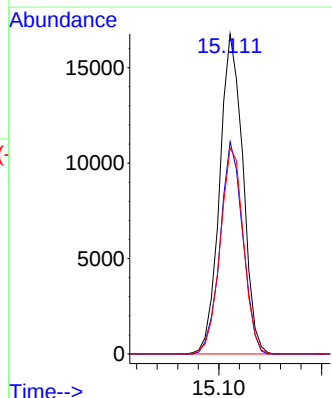
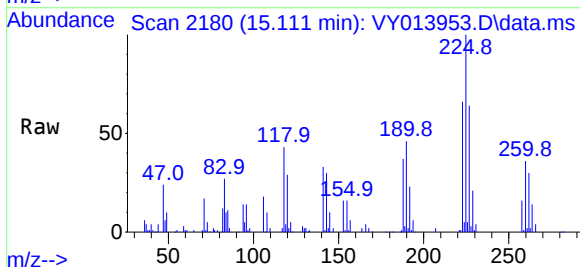
Tgt Ion:225 Resp: 26232

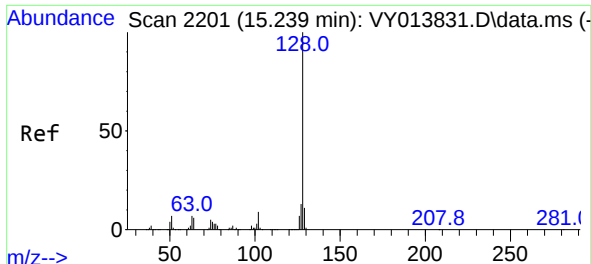
Ion Ratio Lower Upper

225 100

223 64.7 31.3 93.9

227 64.5 32.9 98.6

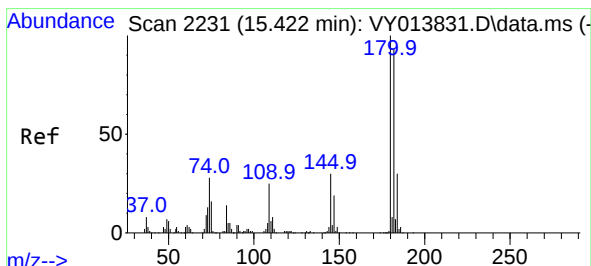
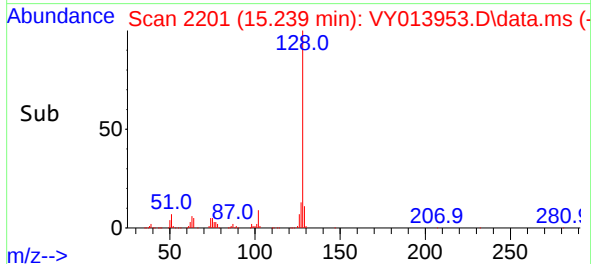
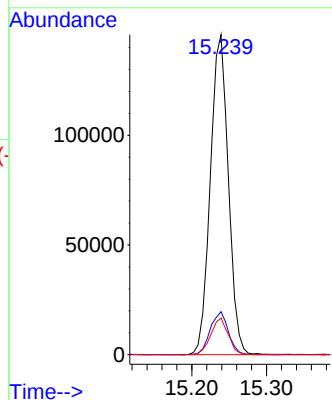
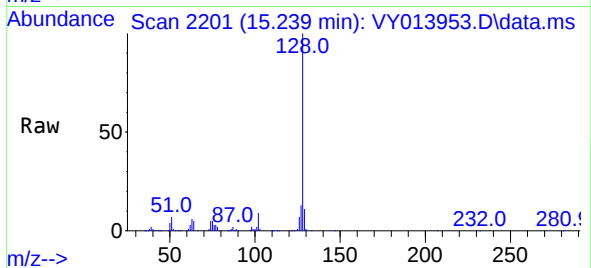




#95
Naphthalene
Concen: 47.706 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:128 Resp: 244012
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.0 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 39.074 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY013953.D
Acq: 31 May 2023 22:02

Tgt Ion:180 Resp: 81322
Ion Ratio Lower Upper
180 100
182 97.9 47.4 142.2
145 31.0 15.5 46.5

