

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013346.D
 Acq On : 19 Apr 2023 15:32
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

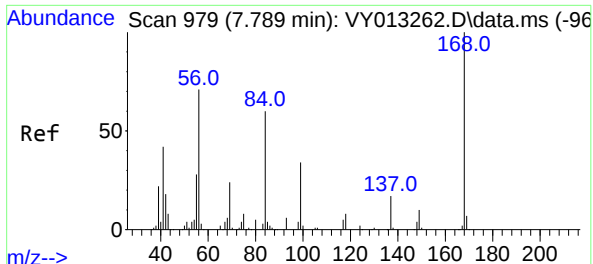
Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 20 06:56:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

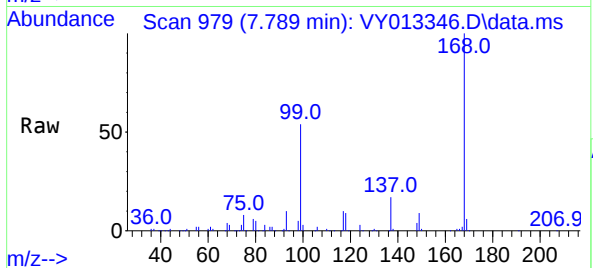
Internal Standards						
1) Pentafluorobenzene	7.789	168	198377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	338127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	323866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	135090	56.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.320%
35) Dibromofluoromethane	7.716	113	121070	55.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.620%
50) Toluene-d8	10.179	98	413573	50.758	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.520%
62) 4-Bromofluorobenzene	12.477	95	132240	49.952	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.900%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	102	Below Cal	#	74
20) Methylene Chloride	4.716	84	16247	3.534	ug/l	94
31) Cyclohexane	7.777	56	4235	1.175	ug/l #	23
36) 1,1-Dichloropropene	7.783	75	15915	4.799	ug/l #	50
38) Carbon Tetrachloride	7.783	117	18577	5.066	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	67915	35.891	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67915	74.492	ug/l #	13
95) Naphthalene	15.226	128	791	3.315	ug/l #	77

(#) = qualifier out of range (m) = manual integration (+) = signals summed

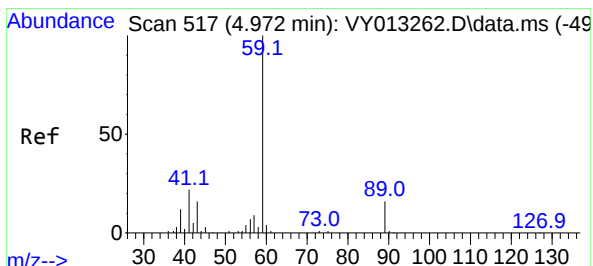
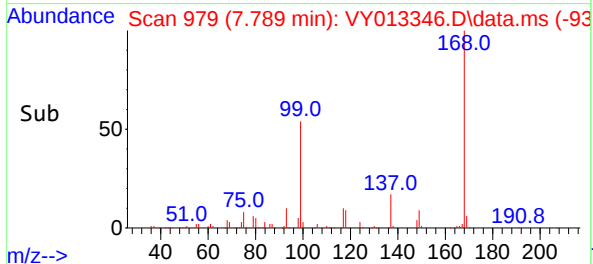
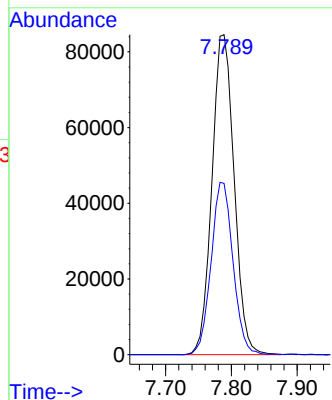


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013346.D
Acq: 19 Apr 2023 15:32

Instrument :
MSVOA_Y
ClientSampleId :

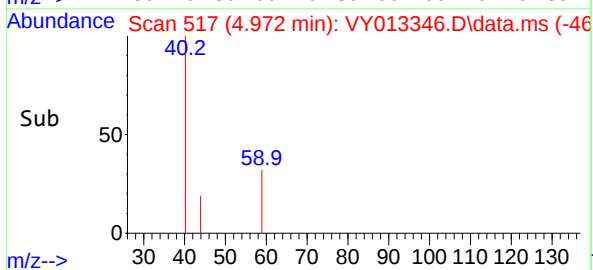
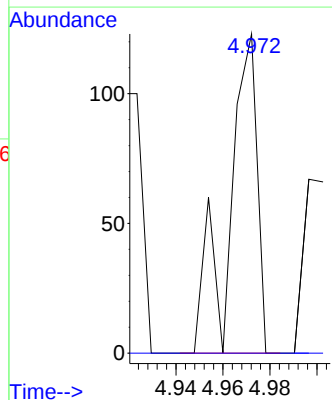
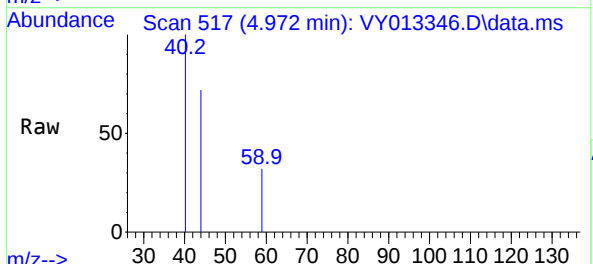


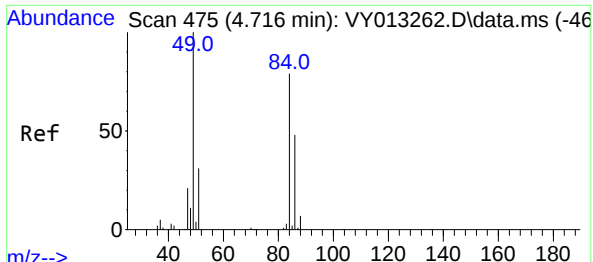
Tgt Ion:168 Resp: 198377
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY013346.D
Acq: 19 Apr 2023 15:32

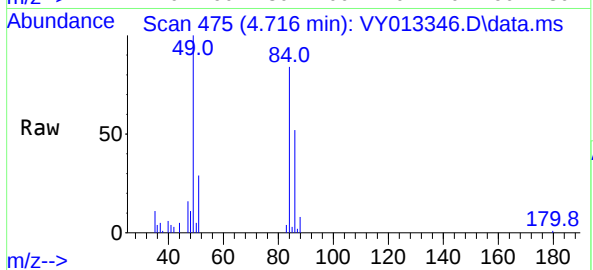
Tgt Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





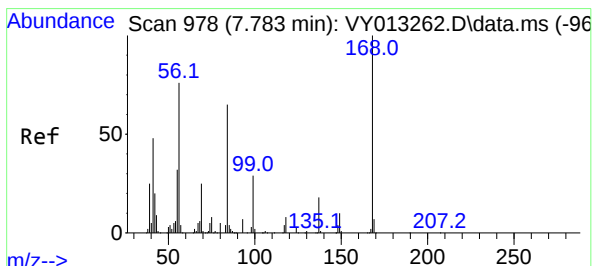
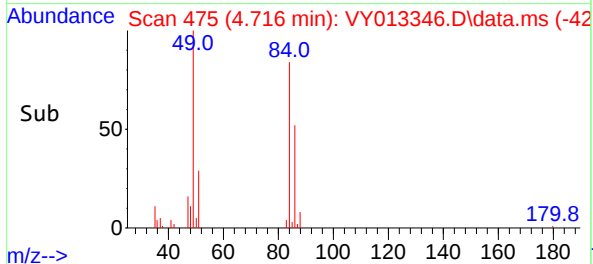
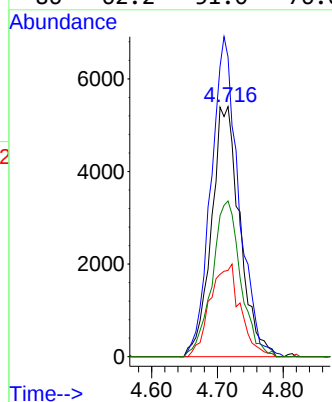
#20
Methylene Chloride
Concen: 3.534 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013346.D
Acq: 19 Apr 2023 15:32

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 16247

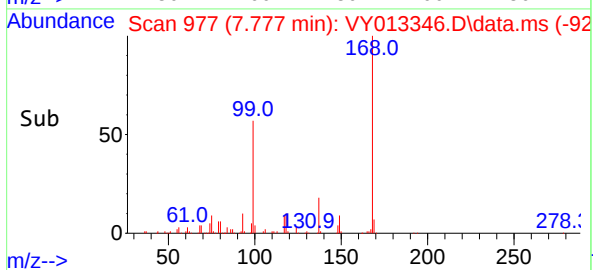
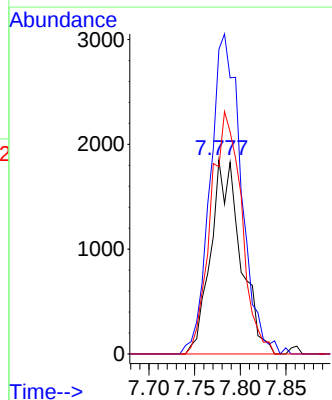
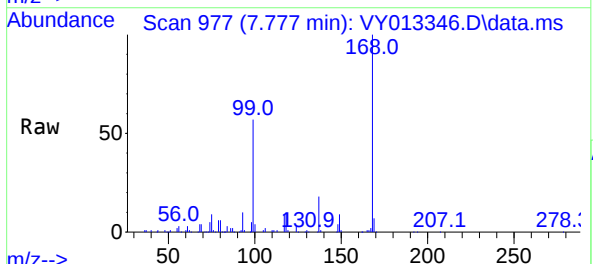
Ion	Ratio	Lower	Upper
84	100		
49	119.7	102.6	154.0
51	34.5	31.9	47.9
86	62.2	51.0	76.6

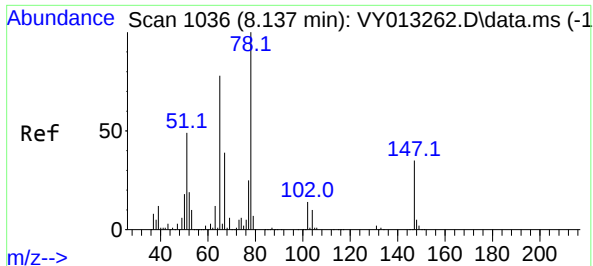


#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY013346.D
Acq: 19 Apr 2023 15:32

Tgt Ion: 56 Resp: 4235

Ion	Ratio	Lower	Upper
56	100		
69	157.2	25.7	38.5#
84	96.6	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 56.664 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013346.D

Acq: 19 Apr 2023 15:32

Instrument :

MSVOA_Y

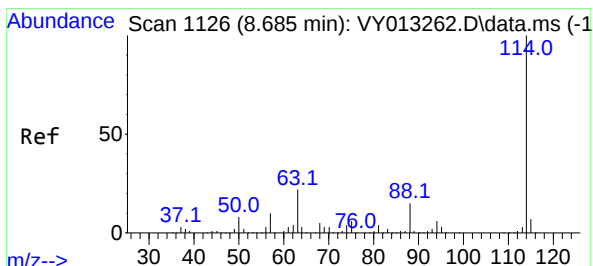
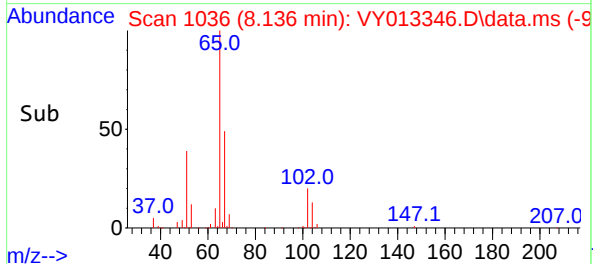
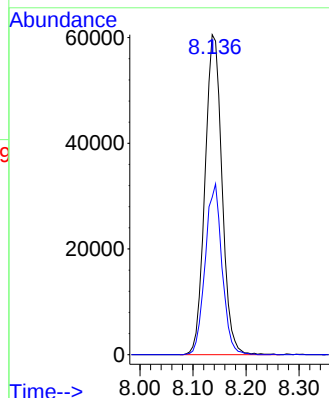
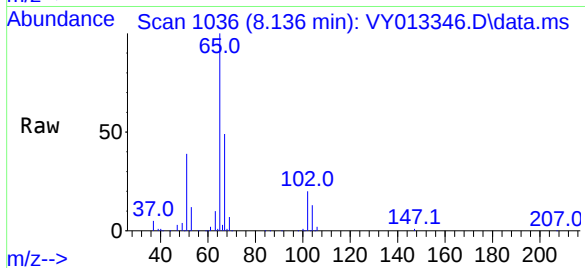
ClientSampleId :

Tgt Ion: 65 Resp: 135090

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013346.D

Acq: 19 Apr 2023 15:32

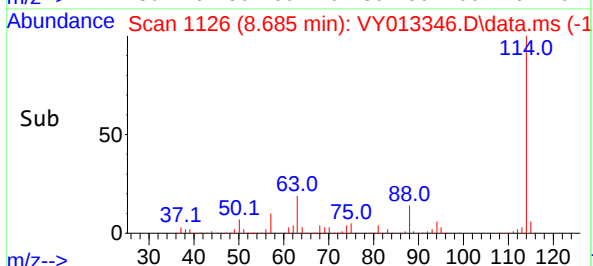
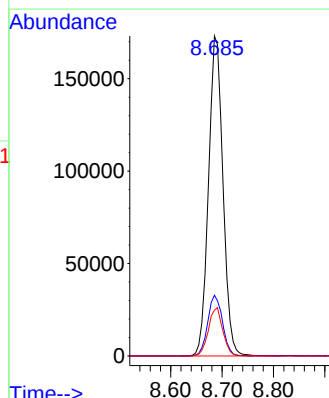
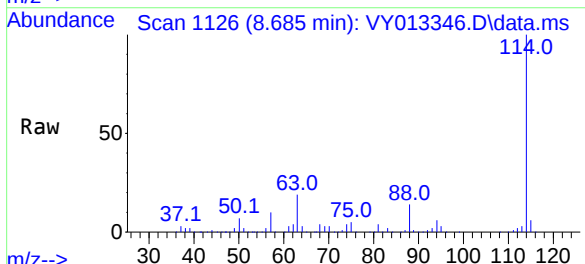
Tgt Ion: 114 Resp: 338127

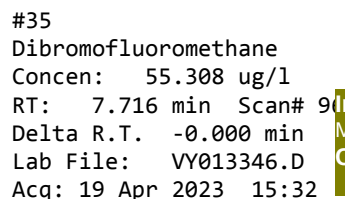
Ion Ratio Lower Upper

114 100

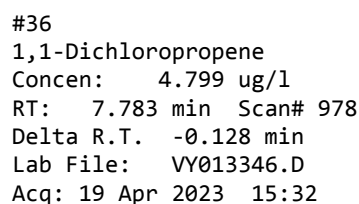
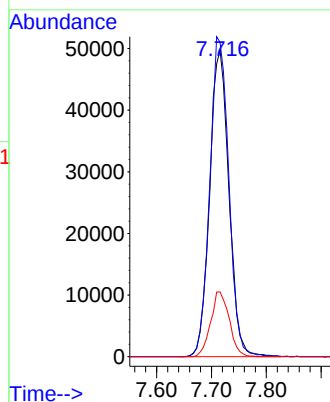
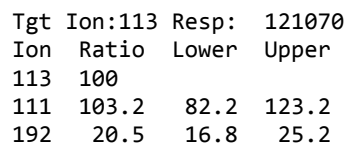
63 19.0 0.0 37.4

88 14.3 0.0 28.6

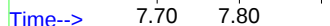
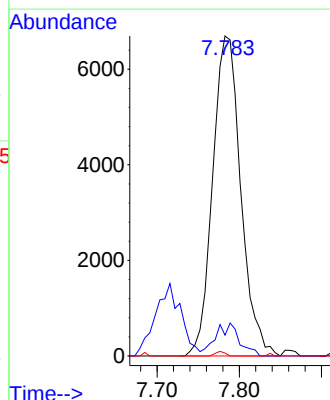


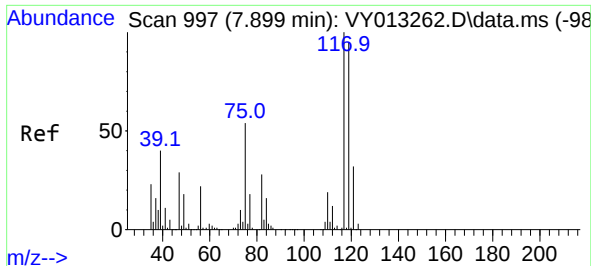


Instrument :
MSVOA_Y
ClientSampleId :



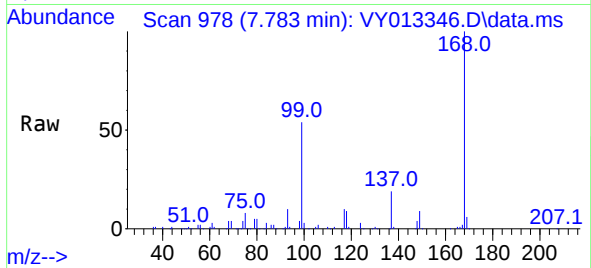
Tgt Ion: 75	Resp: 15915
Ion Ratio	Lower Upper
75 100	
110 8.7	17.8 53.3#
77 0.5	25.0 37.4#



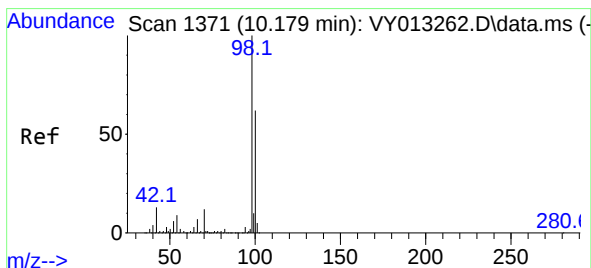
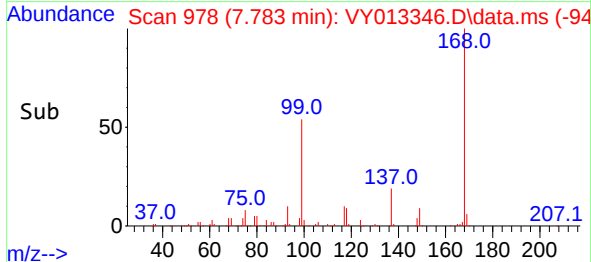
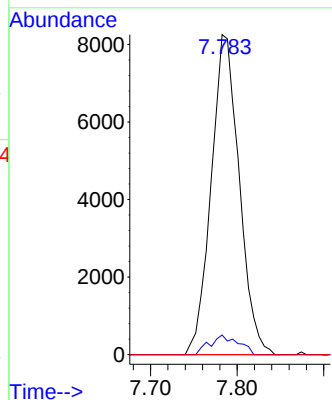


#38
Carbon Tetrachloride
Concen: 5.066 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013346.D
Acq: 19 Apr 2023 15:32

Instrument :
MSVOA_Y
ClientSampleId :

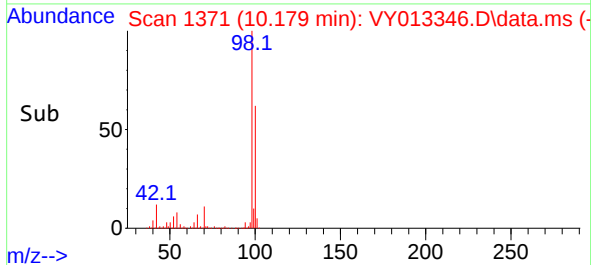
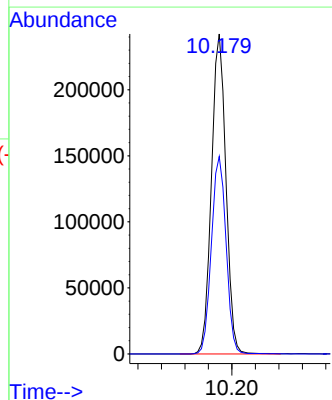
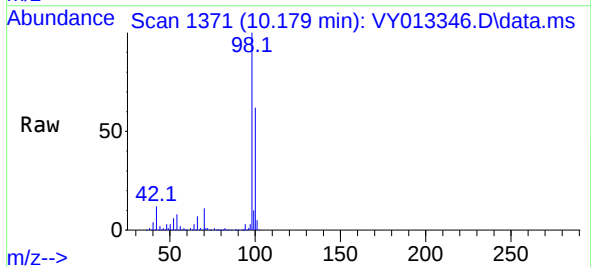


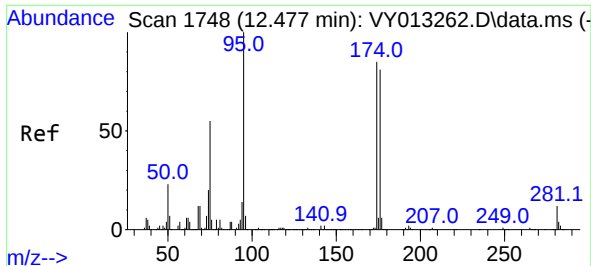
Tgt Ion:117 Resp: 18577
Ion Ratio Lower Upper
117 100
119 6.2 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.758 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013346.D
Acq: 19 Apr 2023 15:32

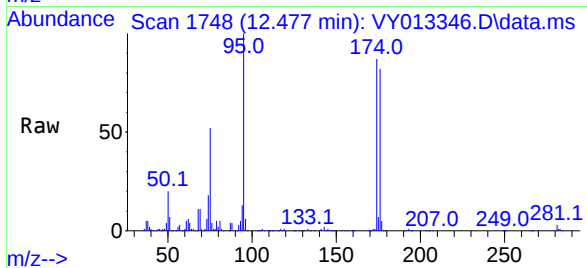
Tgt Ion: 98 Resp: 413573
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



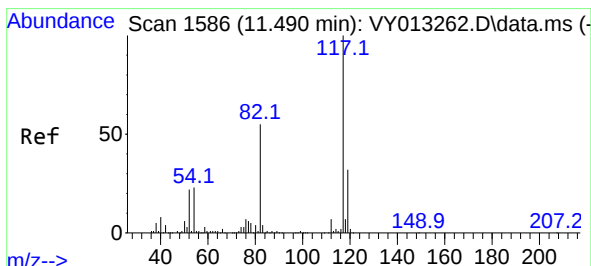
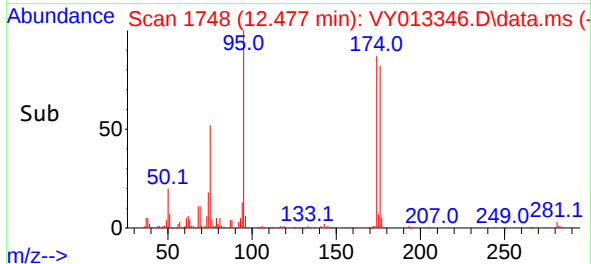
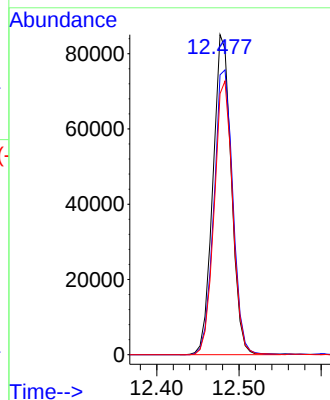


#62
4-Bromofluorobenzene
Concen: 49.952 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013346.D
Acq: 19 Apr 2023 15:32

Instrument :
MSVOA_Y
ClientSampleId :

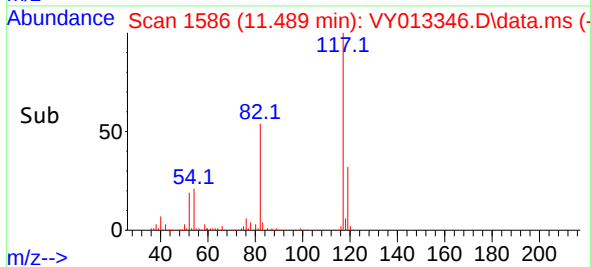
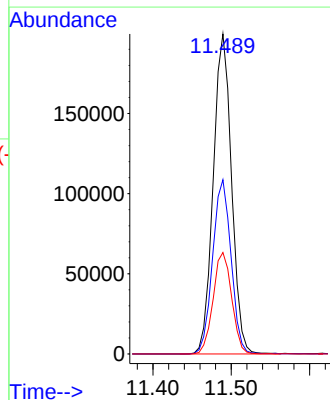
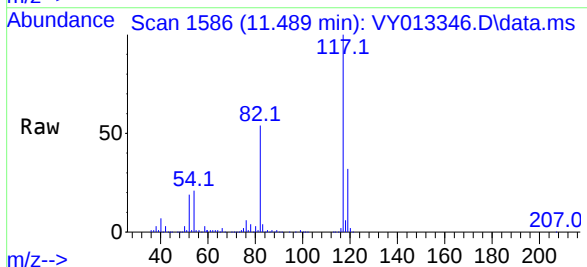


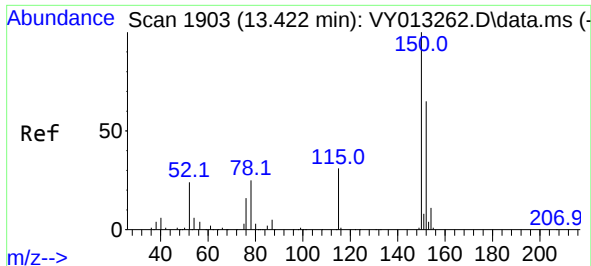
Tgt Ion: 95 Resp: 132240
Ion Ratio Lower Upper
95 100
174 91.5 0.0 176.6
176 85.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013346.D
Acq: 19 Apr 2023 15:32

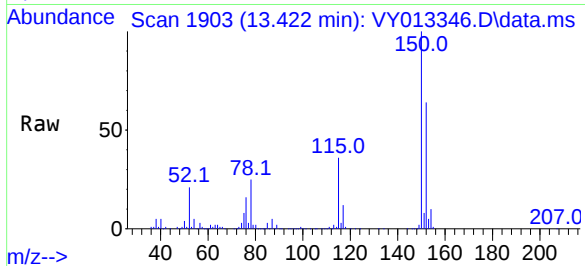
Tgt Ion: 117 Resp: 323866
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 31.7 25.6 38.4



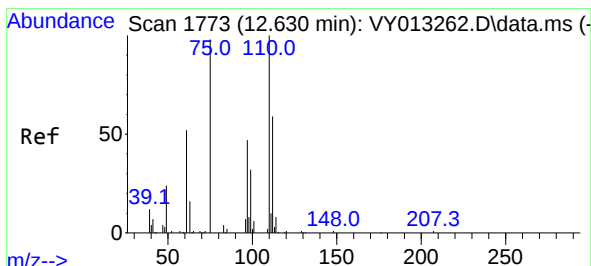
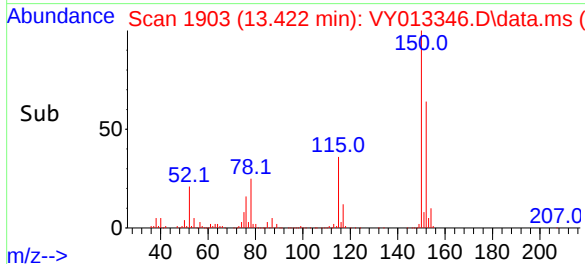
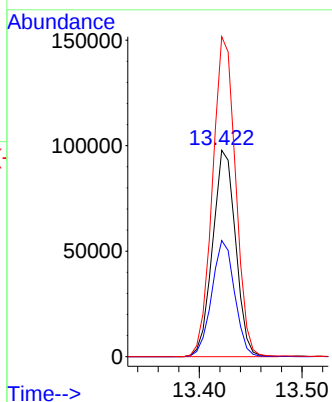


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013346.D
 Acq: 19 Apr 2023 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :

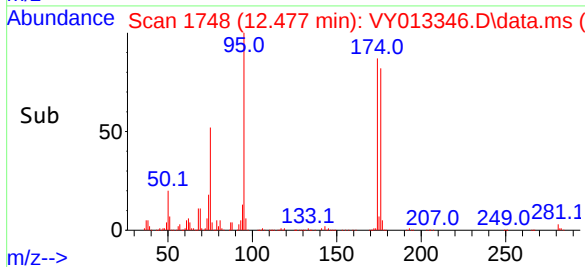
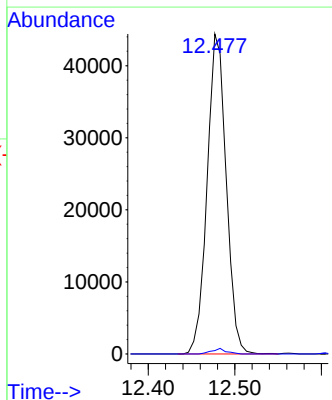
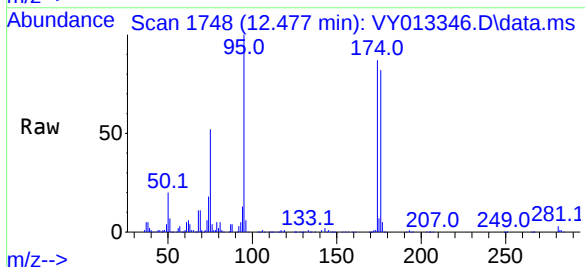


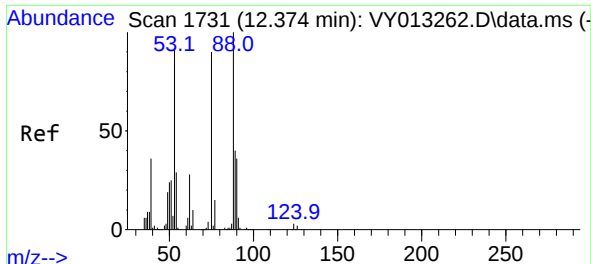
Tgt Ion:152 Resp: 151857
 Ion Ratio Lower Upper
 152 100
 115 56.1 27.1 81.3
 150 155.8 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 35.891 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY013346.D
 Acq: 19 Apr 2023 15:32

Tgt Ion: 75 Resp: 67915
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

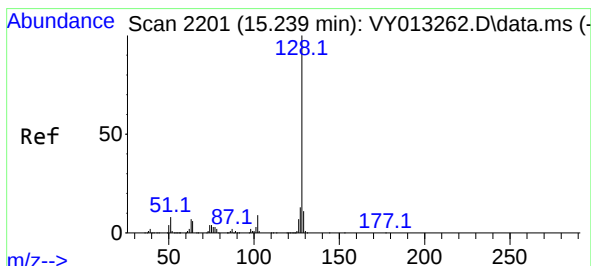
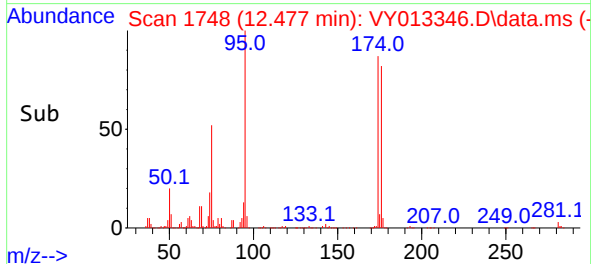
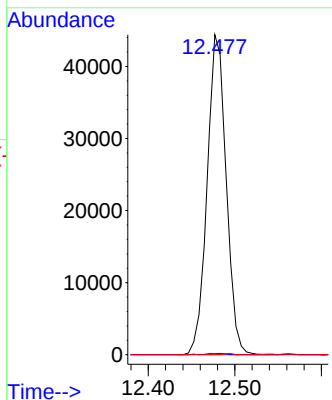
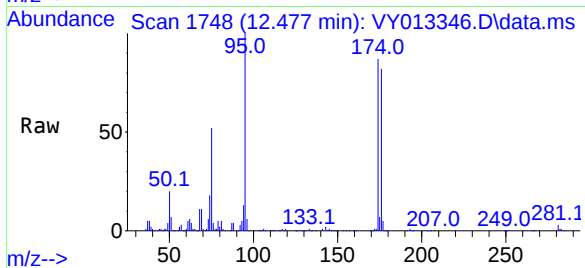




#81
trans-1,4-Dichloro-2-butene
Concen: 74.492 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY013346.D
Acq: 19 Apr 2023 15:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 67915
Ion Ratio Lower Upper
75 100
53 0.4 73.4 110.0#
89 0.2 36.6 55.0#



#95
Naphthalene
Concen: 3.315 ug/l
RT: 15.226 min Scan# 2199
Delta R.T. -0.013 min
Lab File: VY013346.D
Acq: 19 Apr 2023 15:32

Tgt Ion: 128 Resp: 791
Ion Ratio Lower Upper
128 100
127 19.8 10.3 15.5#
129 0.0 8.6 13.0#

