

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013862.D
 Acq On : 25 May 2023 10:31
 Operator : KP/MD
 Sample : VY0525SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0525SBL01

Quant Time: May 25 15:20:03 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)

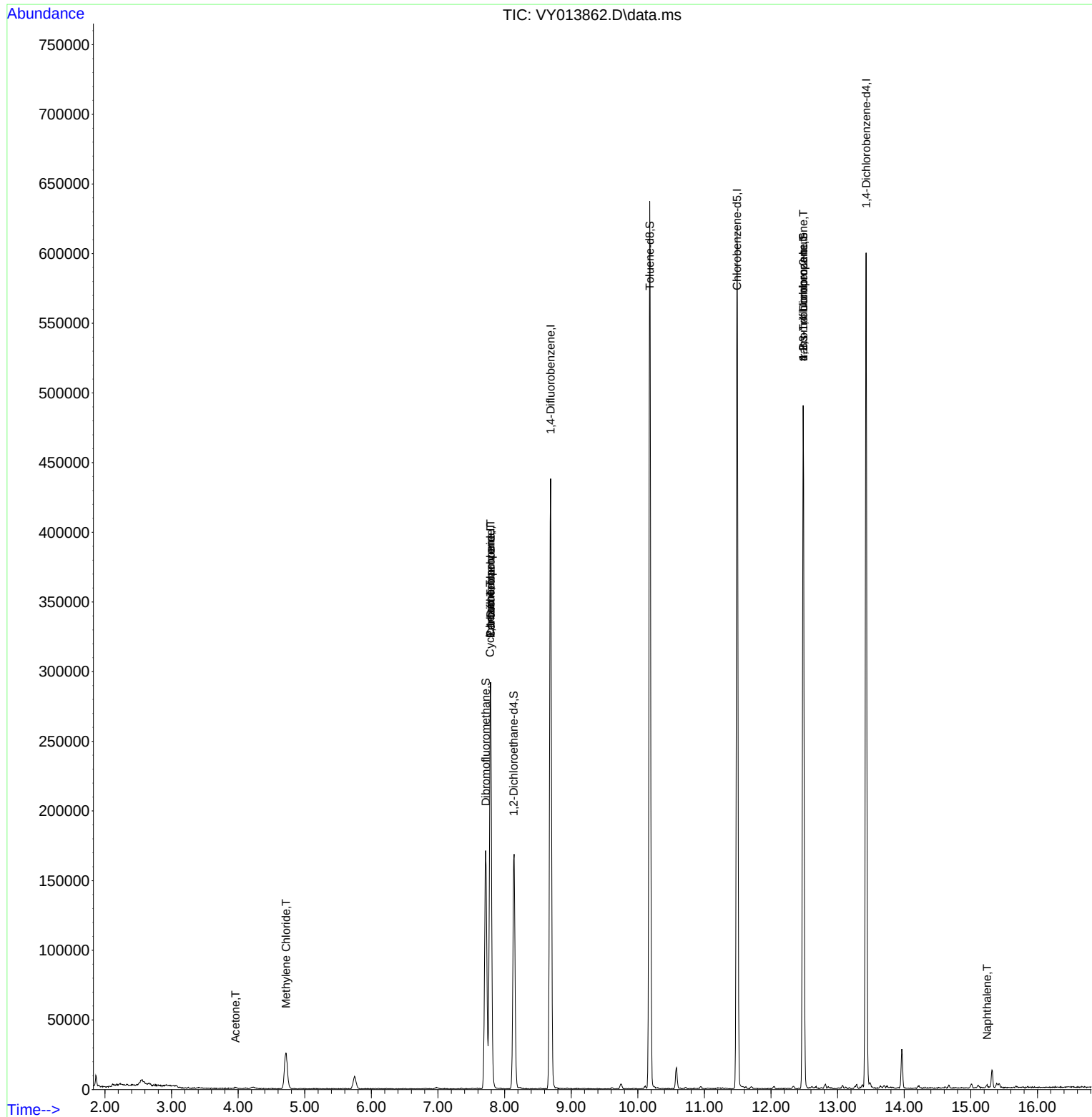
Internal Standards						
1) Pentafluorobenzene	7.789	168	226020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	358321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	320819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	137639	52.638	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.280%			
35) Dibromofluoromethane	7.716	113	116704	50.433	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.860%			
50) Toluene-d8	10.179	98	407619	46.347	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.700%			
62) 4-Bromofluorobenzene	12.483	95	130562	44.660	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.320%			
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	1587	2.045	ug/l #	80
20) Methylene Chloride	4.716	84	18562	4.431	ug/l	97
31) Cyclohexane	7.783	56	5079	1.264	ug/l #	42
36) 1,1-Dichloropropene	7.789	75	16987	4.820	ug/l #	52
38) Carbon Tetrachloride	7.789	117	22211	5.541	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	69784	39.527	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69784	85.801	ug/l #	10
95) Naphthalene	15.245	128	2111	4.849	ug/l #	90

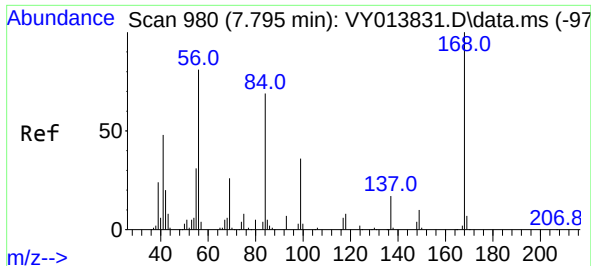
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0525SBL01

Quant Time: May 25 15:20:03 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

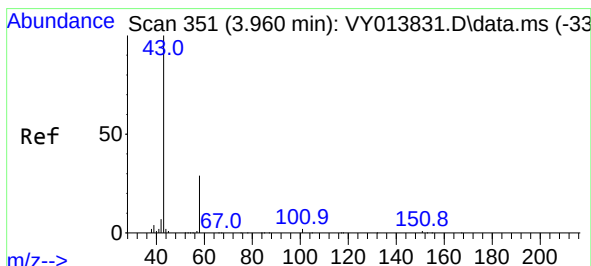
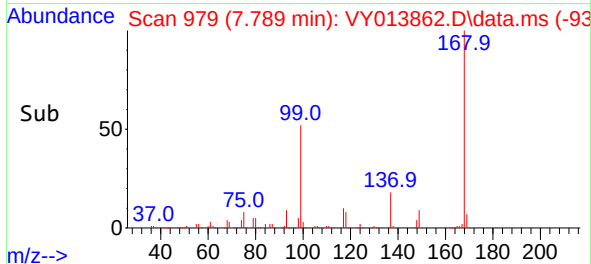
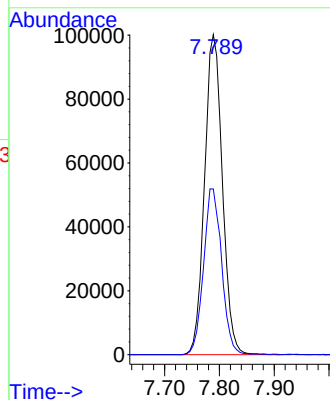
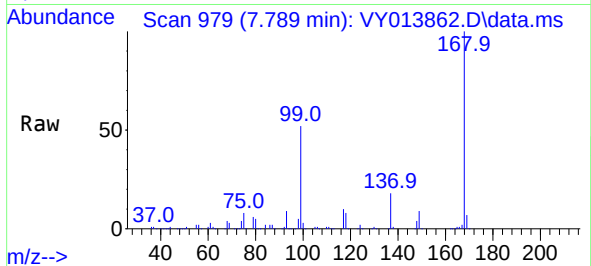




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

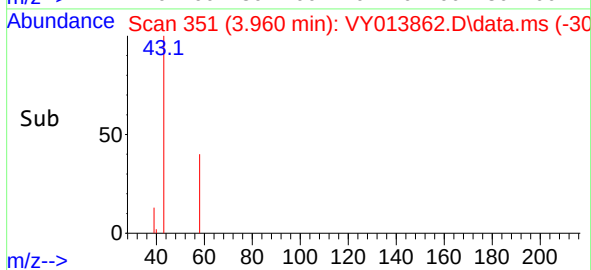
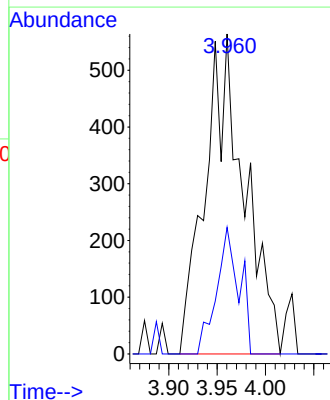
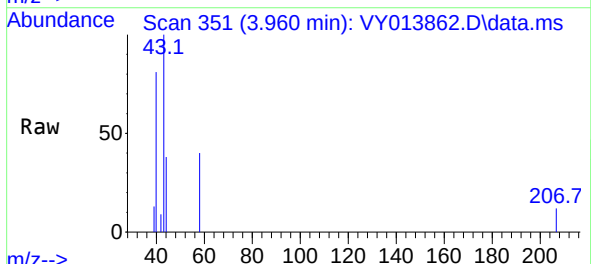
Instrument :
MSVOA_Y
ClientSampleId :
VY0525SBL01

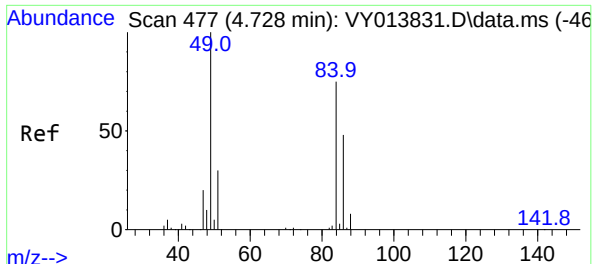
Tgt Ion:168 Resp: 226020
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.2



#16
Acetone
Concen: 2.045 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

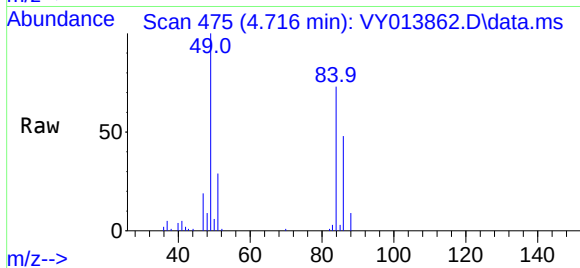
Tgt Ion: 43 Resp: 1587
Ion Ratio Lower Upper
43 100
58 39.5 23.3 34.9#





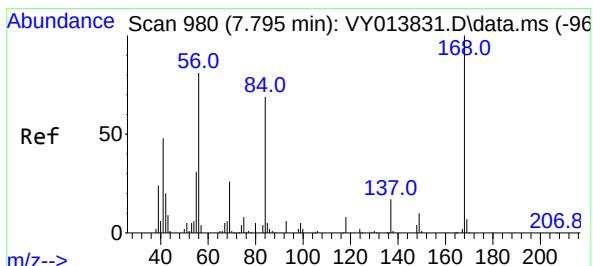
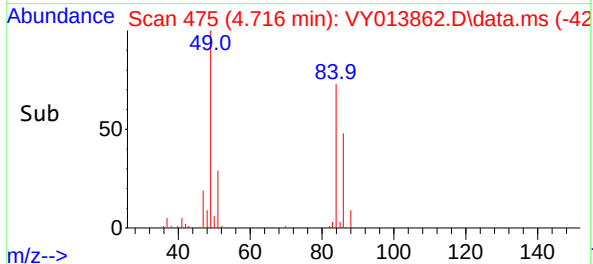
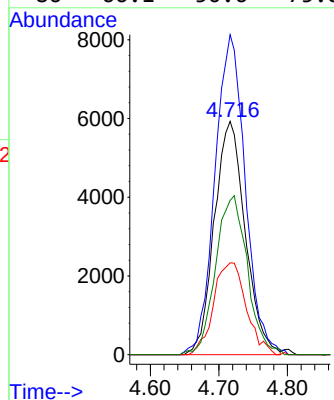
#20
Methylene Chloride
Concen: 4.431 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0525SBL01



Tgt Ion: 84 Resp: 18562

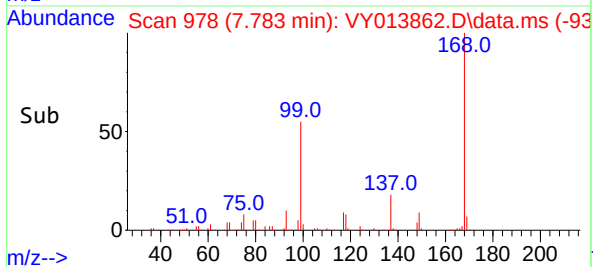
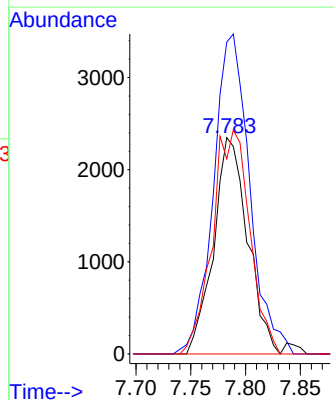
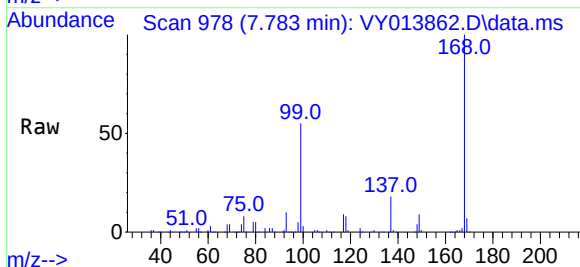
Ion	Ratio	Lower	Upper
84	100		
49	137.2	106.2	159.2
51	39.4	31.4	47.0
86	66.1	50.6	75.8

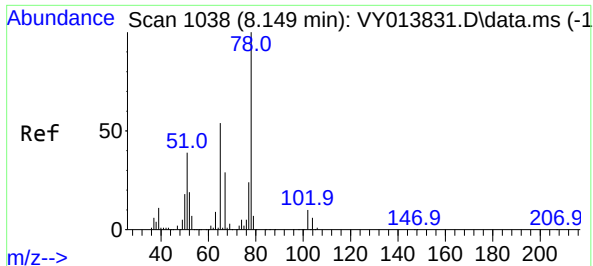


#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.012 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

Tgt Ion: 56 Resp: 5079

Ion	Ratio	Lower	Upper
56	100		
69	142.1	25.8	38.8#
84	90.2	68.2	102.2





#33

1,2-Dichloroethane-d4

Concen: 52.638 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY013862.D

Acq: 25 May 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

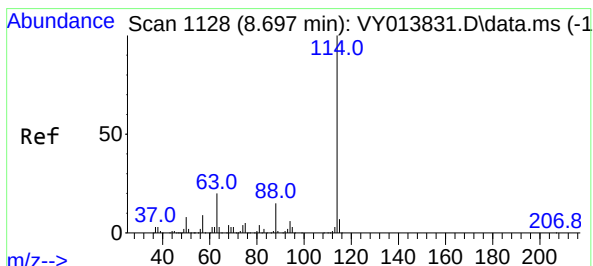
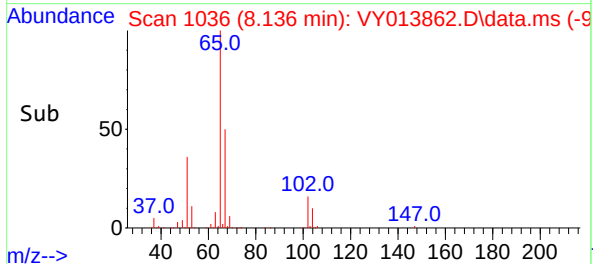
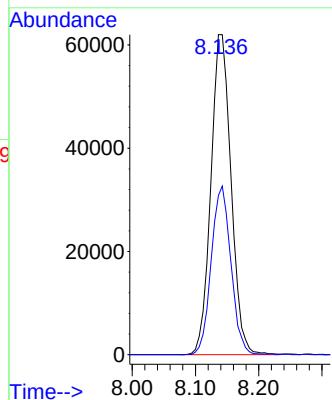
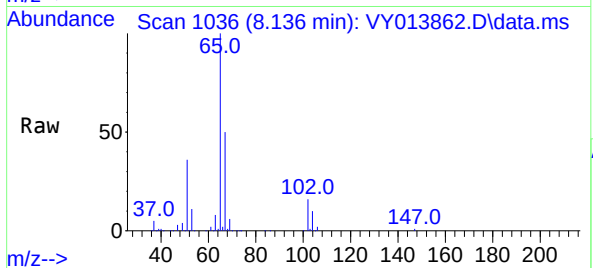
VY0525SBL01

Tgt Ion: 65 Resp: 137639

Ion Ratio Lower Upper

65 100

67 51.3 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: VY013862.D

Acq: 25 May 2023 10:31

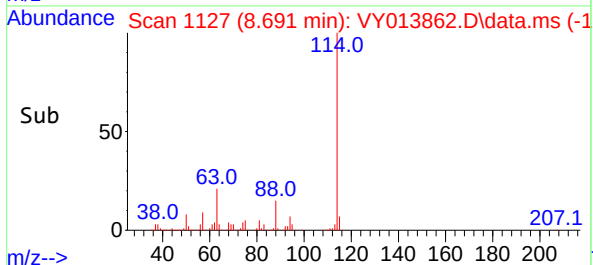
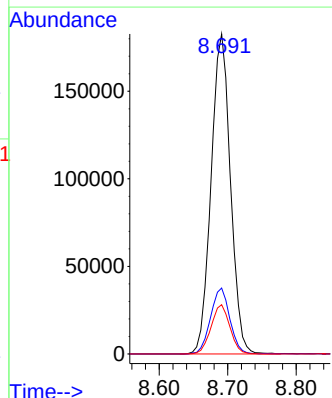
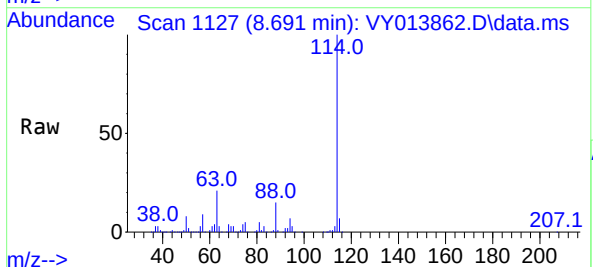
Tgt Ion: 114 Resp: 358321

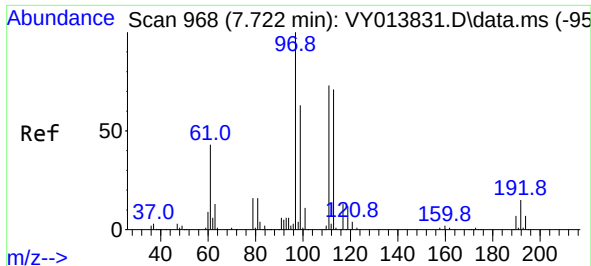
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.4 0.0 30.0

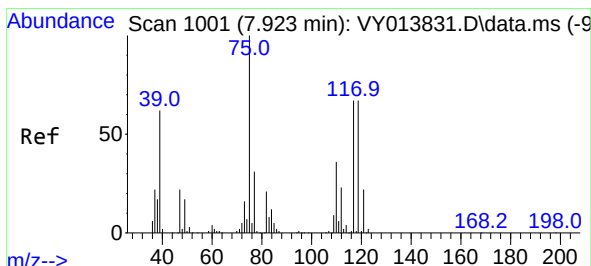
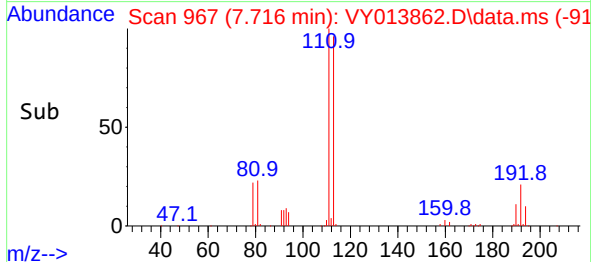
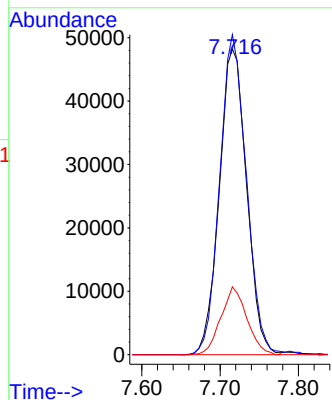
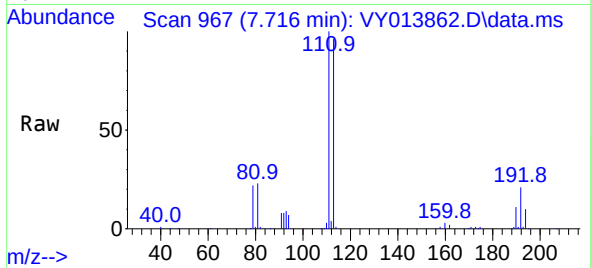




#35
Dibromofluoromethane
Concen: 50.433 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

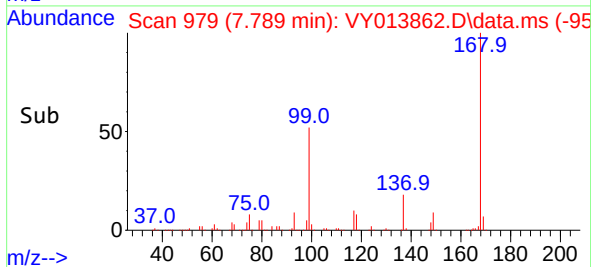
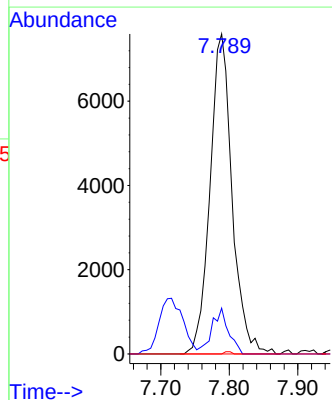
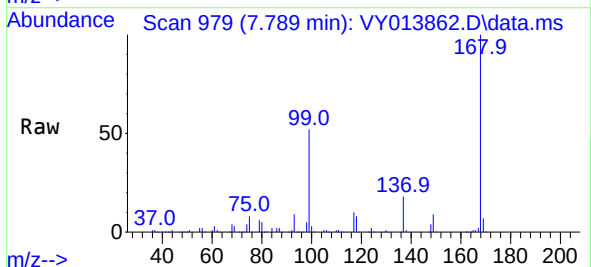
Instrument :
MSVOA_Y
ClientSampleId :
VY0525SBL01

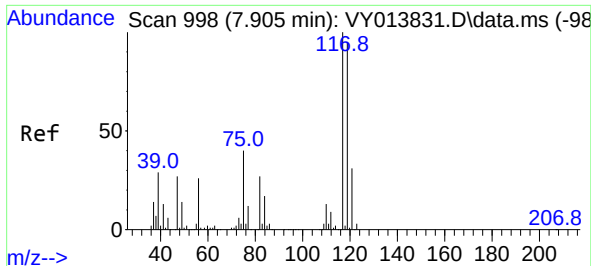
Tgt Ion:113 Resp: 116704
Ion Ratio Lower Upper
113 100
111 102.7 80.4 120.6
192 21.1 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.820 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

Tgt Ion: 75 Resp: 16987
Ion Ratio Lower Upper
75 100
110 10.8 17.5 52.6#
77 0.2 24.4 36.6#

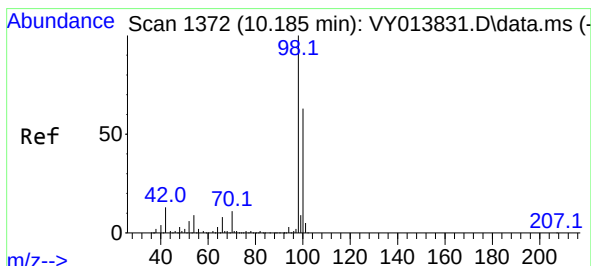
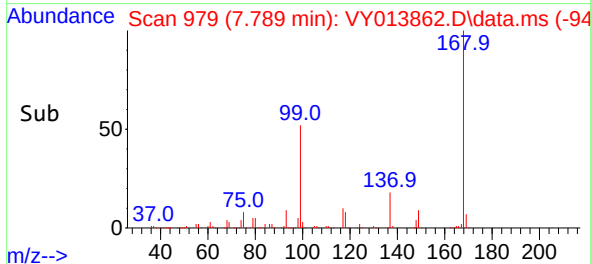
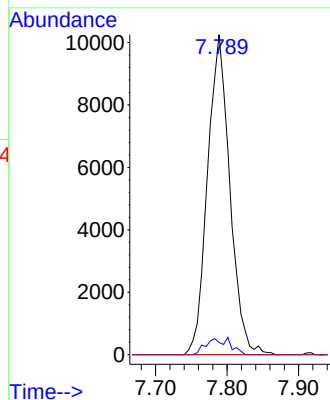
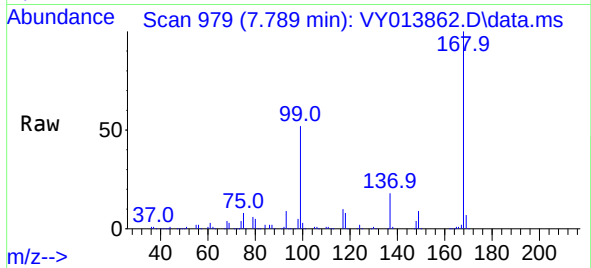




#38
Carbon Tetrachloride
Concen: 5.541 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

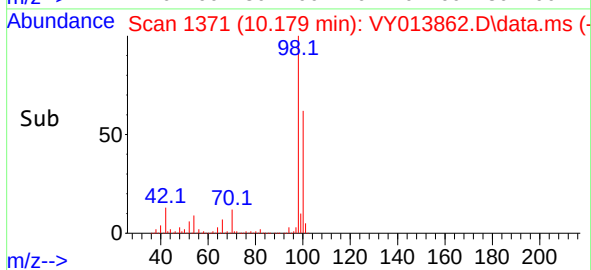
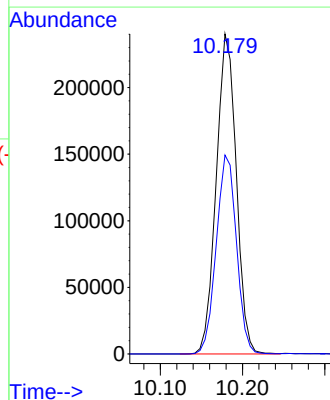
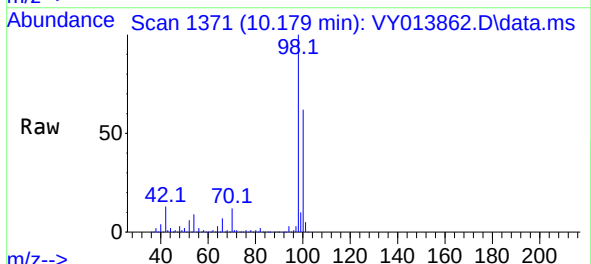
Instrument :
MSVOA_Y
ClientSampleId :
VY0525SBL01

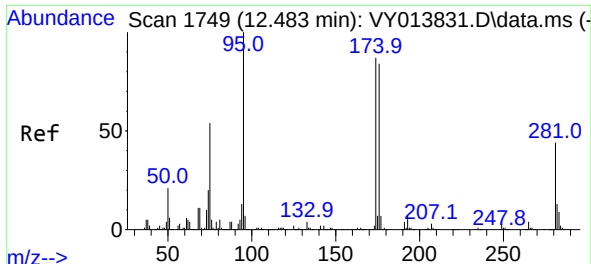
Tgt Ion:117 Resp: 22211
Ion Ratio Lower Upper
117 100
119 3.8 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.347 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

Tgt Ion: 98 Resp: 407619
Ion Ratio Lower Upper
98 100
100 62.7 50.8 76.2

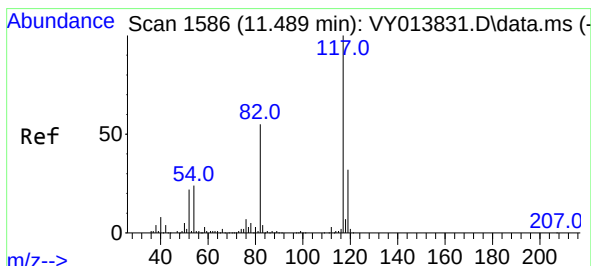
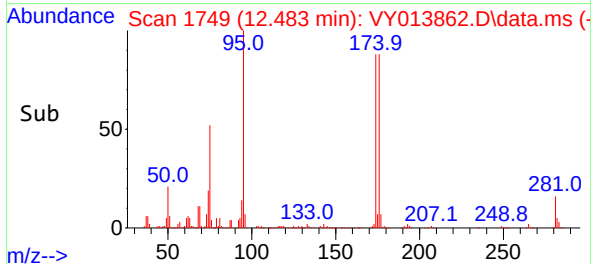
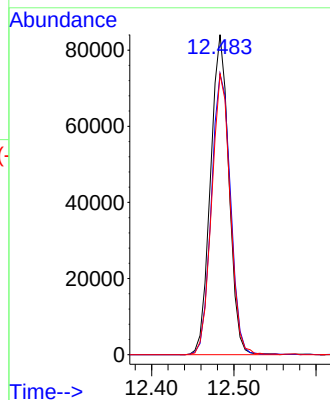
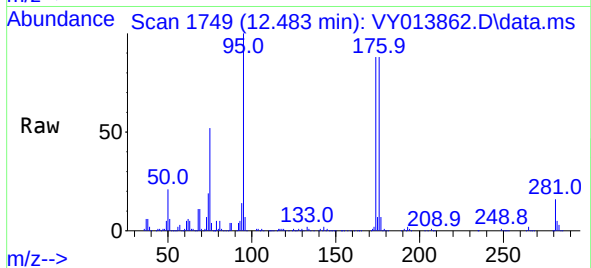




#62
4-Bromofluorobenzene
Concen: 44.660 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

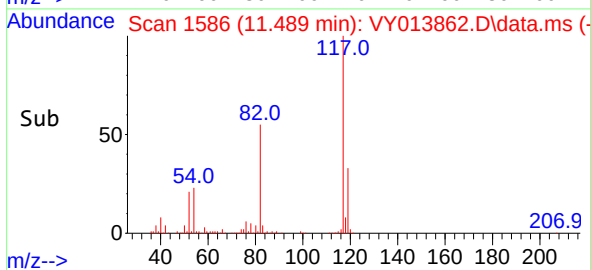
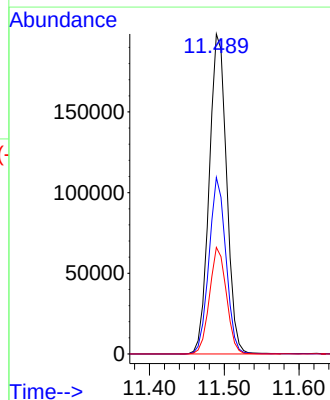
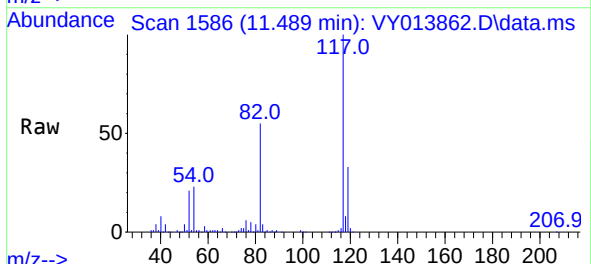
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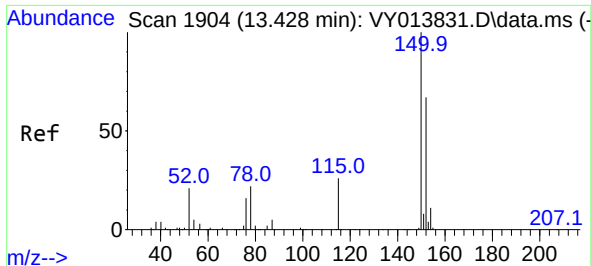
Tgt Ion: 95 Resp: 130562
Ion Ratio Lower Upper
95 100
174 91.1 0.0 176.0
176 88.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

Tgt Ion: 117 Resp: 320819
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.4
119 33.3 25.7 38.5

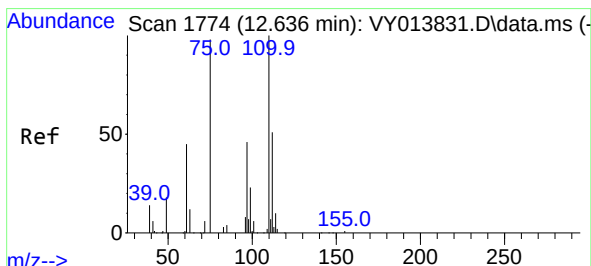
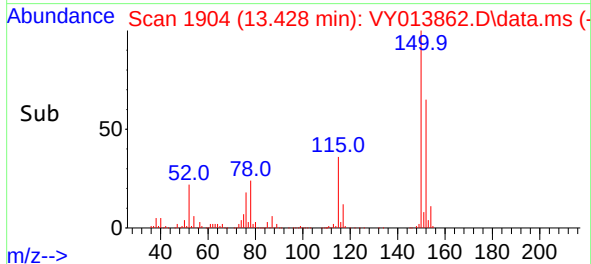
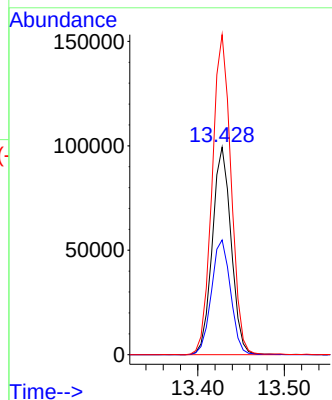
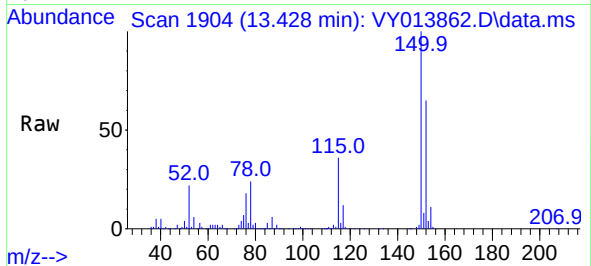




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

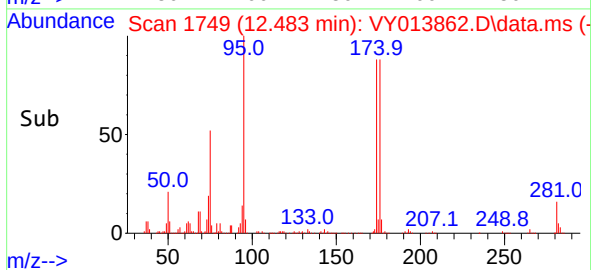
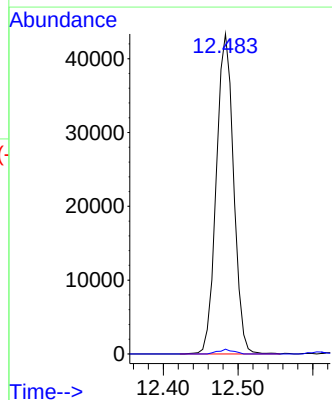
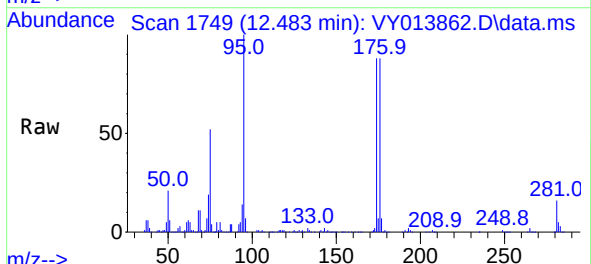
Instrument :
MSVOA_Y
ClientSampleId :
VY0525SBL01

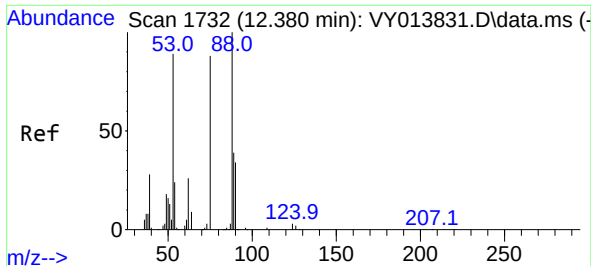
Tgt Ion:152 Resp: 149726
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.5
150 155.3 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 39.527 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

Tgt Ion: 75 Resp: 69784
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

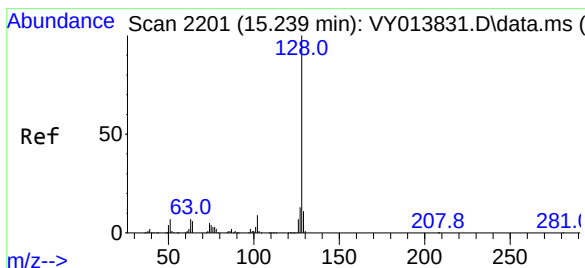
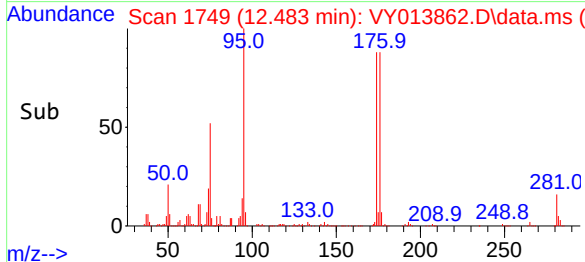
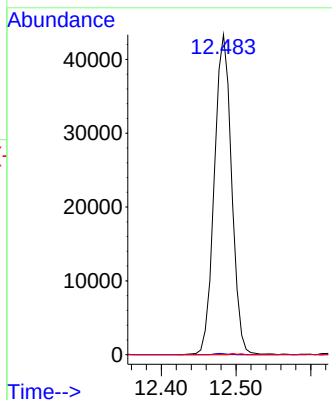
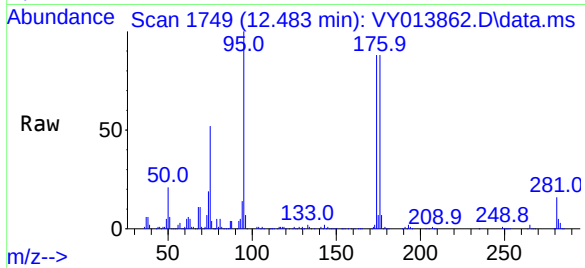




#81
trans-1,4-Dichloro-2-butene
Concen: 85.801 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0525SBL01

Tgt Ion: 75 Resp: 69784
Ion Ratio Lower Upper
75 100
53 0.3 79.7 119.5#
89 0.2 36.4 54.6#



#95
Naphthalene
Concen: 4.849 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

Tgt Ion:128 Resp: 2111
Ion Ratio Lower Upper
128 100
127 17.1 10.7 16.1#
129 7.2 9.0 13.4#

