

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013850.D
 Acq On : 24 May 2023 16:45
 Operator : KP/MD
 Sample : 02848-01
 Misc : 4.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP4

Quant Time: May 25 07:09:16 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)

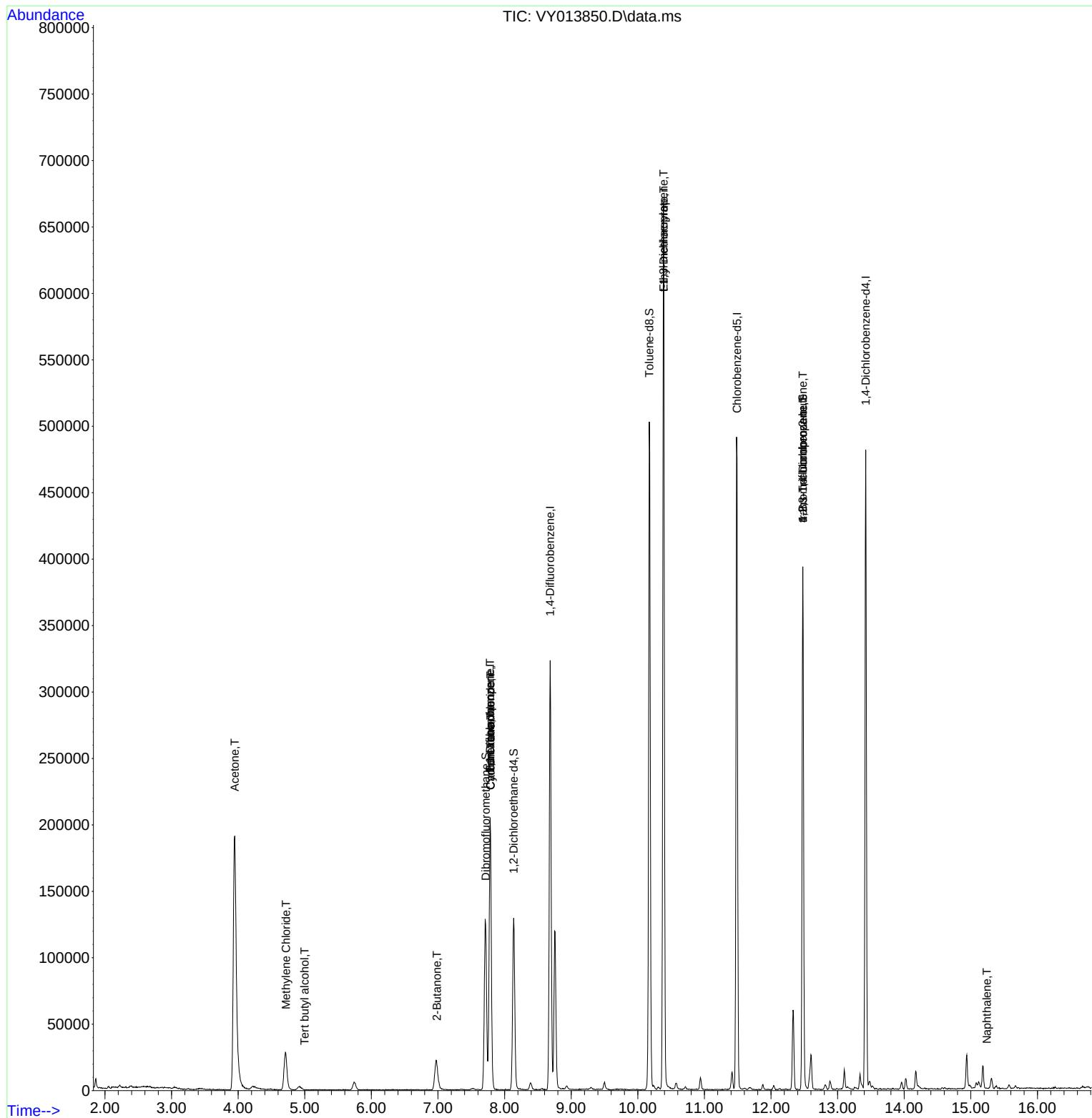
Internal Standards						
1) Pentafluorobenzene	7.783	168	156392	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	263256	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	262268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104303	57.648	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.300%	
35) Dibromofluoromethane	7.716	113	87494	51.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.920%	
50) Toluene-d8	10.173	98	322913	49.974	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	12.477	95	108207	50.379	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.997	59	174	1.255	ug/l #	73
16) Acetone	3.948	43	400369	745.567	ug/l	99
20) Methylene Chloride	4.716	84	20793	8.829	ug/l	95
25) 2-Butanone	6.984	43	6024	9.193	ug/l #	78
31) Cyclohexane	7.789	56	3701	1.331	ug/l #	52
36) 1,1-Dichloropropene	7.783	75	12036	4.648	ug/l #	49
38) Carbon Tetrachloride	7.789	117	15334	5.207	ug/l #	16
53) t-1,3-Dichloropropene	10.386	75	10114	3.736	ug/l #	44
56) Ethyl methacrylate	10.386	69	19315	9.856	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	60251	42.616	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	60251	92.506	ug/l #	10
95) Naphthalene	15.239	128	458	4.630	ug/l #	68

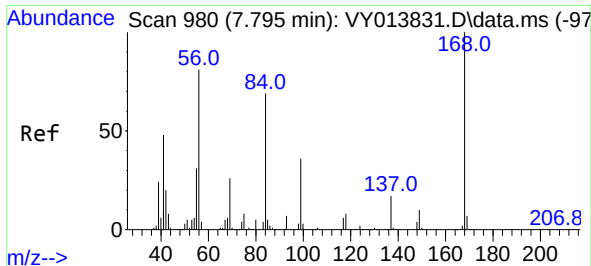
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
Data File : VY013850.D
Acq On : 24 May 2023 16:45
Operator : KP/MD
Sample : 02848-01
Misc : 4.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP4

Quant Time: May 25 07:09:16 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

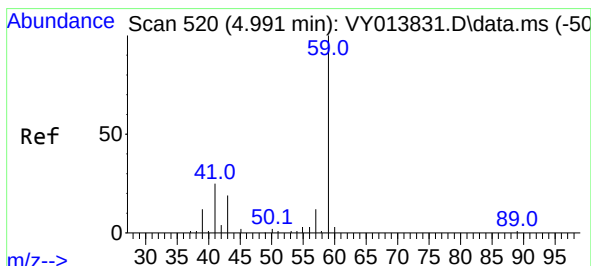
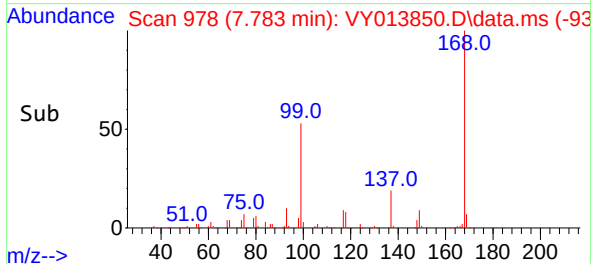
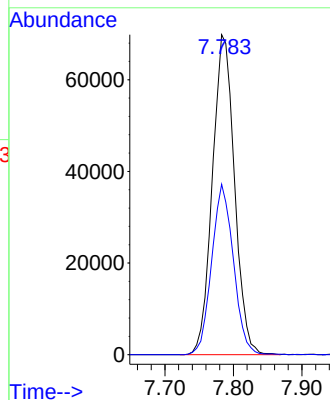
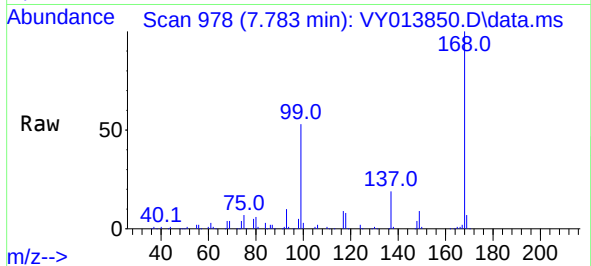




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

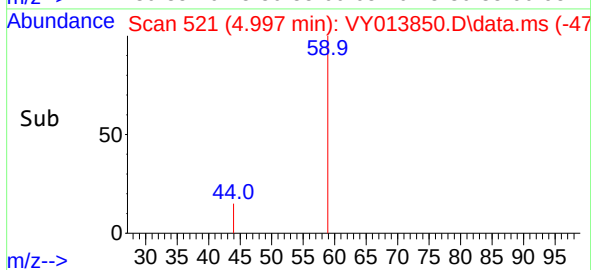
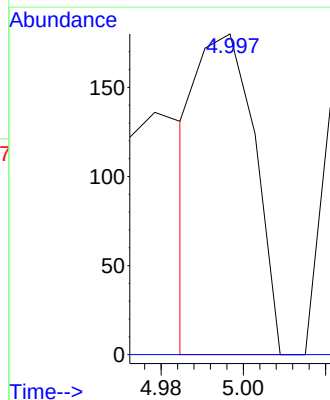
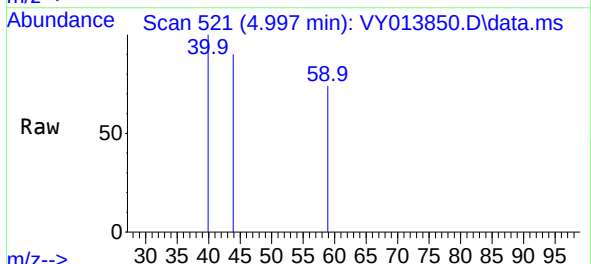
Instrument :
MSVOA_Y
ClientSampleId :
TP4

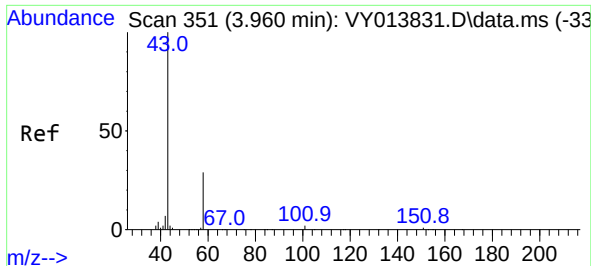
Tgt Ion:168 Resp: 156392
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.2



#11
Tert butyl alcohol
Concen: 1.255 ug/l
RT: 4.997 min Scan# 521
Delta R.T. 0.006 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

Tgt Ion: 59 Resp: 174
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

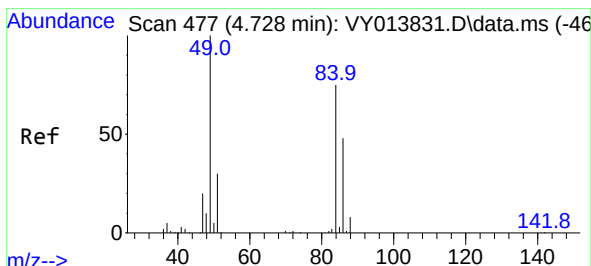
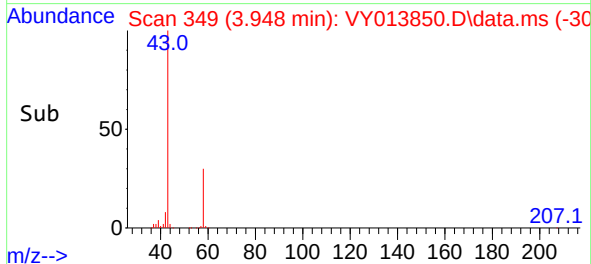
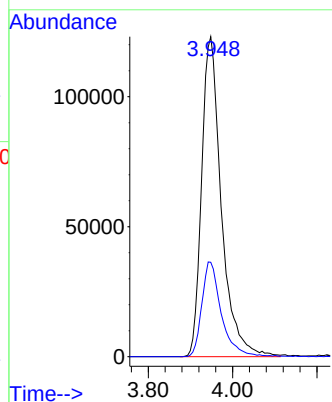
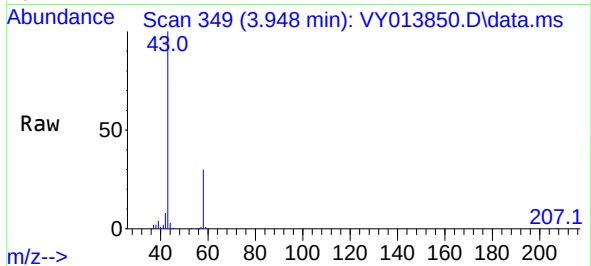




#16
Acetone
Concen: 745.567 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

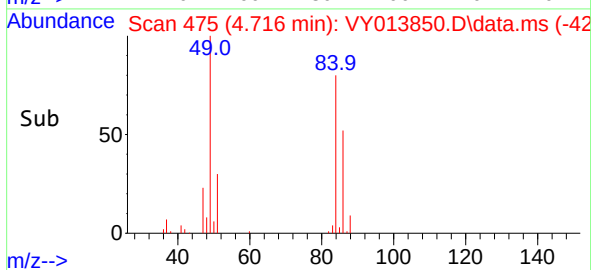
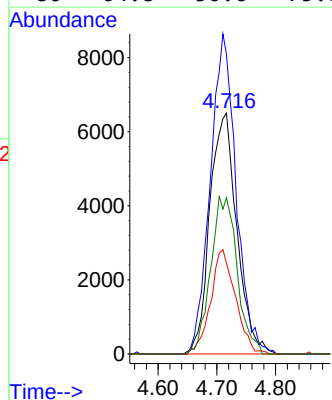
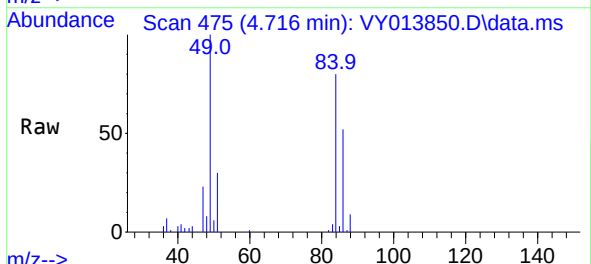
Instrument :
MSVOA_Y
ClientSampleId :
TP4

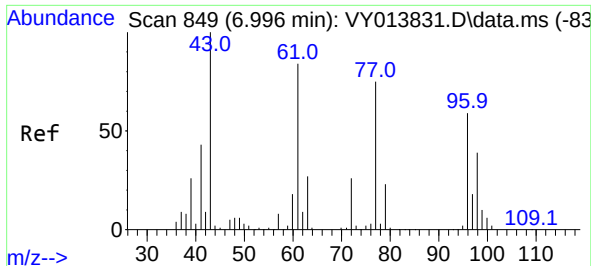
Tgt Ion: 43 Resp: 400369
Ion Ratio Lower Upper
43 100
58 29.5 23.3 34.9



#20
Methylene Chloride
Concen: 8.829 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

Tgt Ion: 84 Resp: 20793
Ion Ratio Lower Upper
84 100
49 124.5 106.2 159.2
51 37.7 31.4 47.0
86 64.8 50.6 75.8

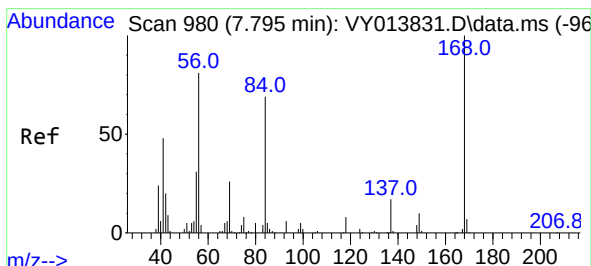
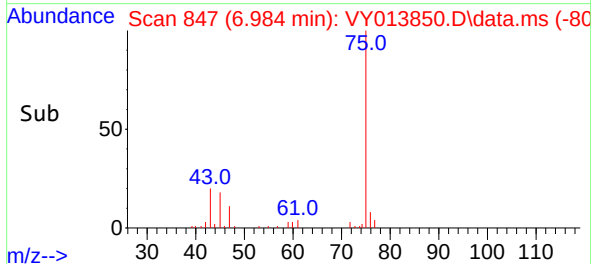
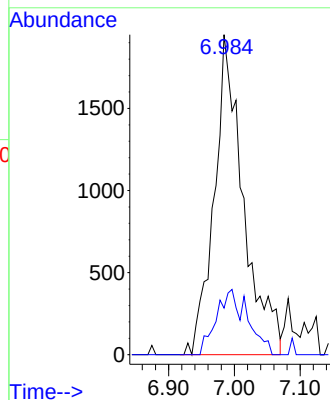
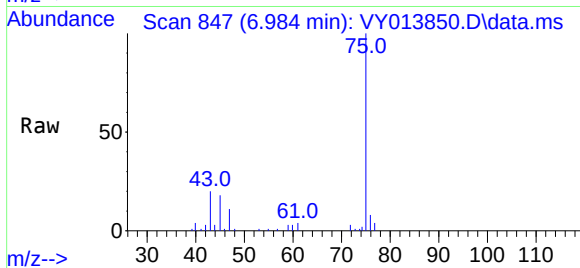




#25
2-Butanone
Concen: 9.193 ug/l
RT: 6.984 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

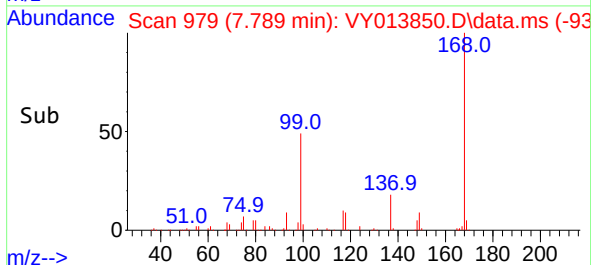
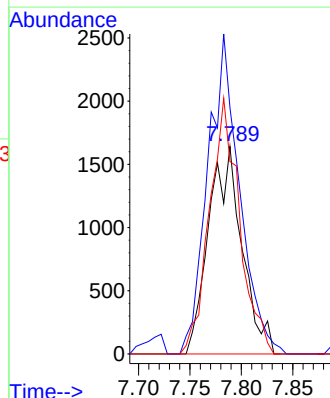
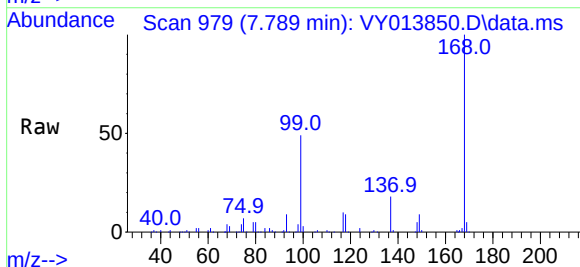
Instrument :
MSVOA_Y
ClientSampleId :
TP4

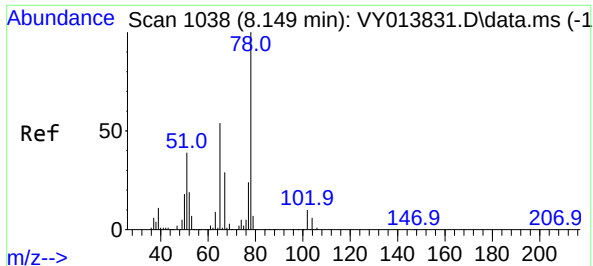
Tgt Ion: 43 Resp: 6024
Ion Ratio Lower Upper
43 100
72 14.6 20.5 30.7#



#31
Cyclohexane
Concen: 1.331 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

Tgt Ion: 56 Resp: 3701
Ion Ratio Lower Upper
56 100
69 118.7 25.8 38.8#
84 92.7 68.2 102.2





#33

1,2-Dichloroethane-d4

Concen: 57.648 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VY013850.D

Acq: 24 May 2023 16:45

Instrument :

MSVOA_Y

ClientSampleId :

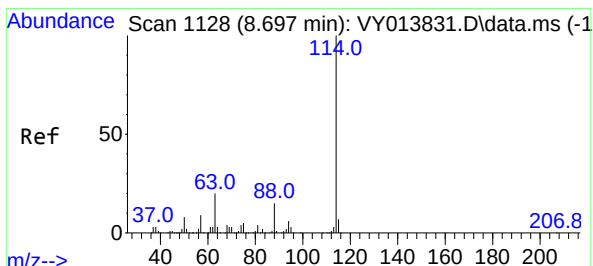
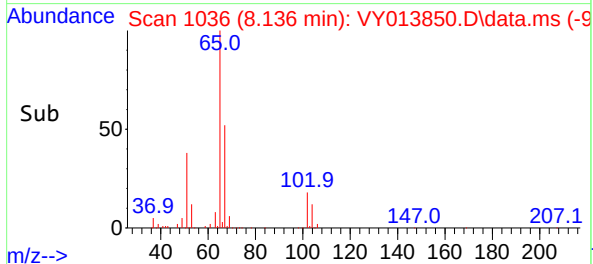
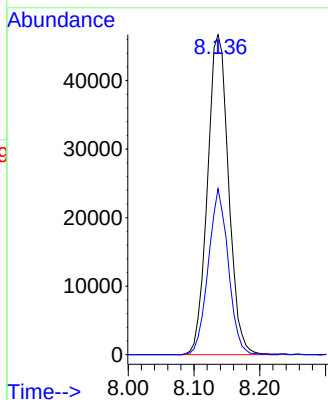
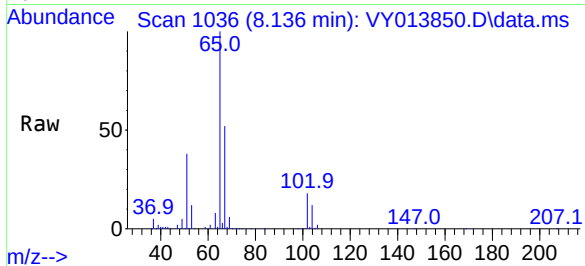
TP4

Tgt Ion: 65 Resp: 104303

Ion Ratio Lower Upper

65 100

67 49.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013850.D

Acq: 24 May 2023 16:45

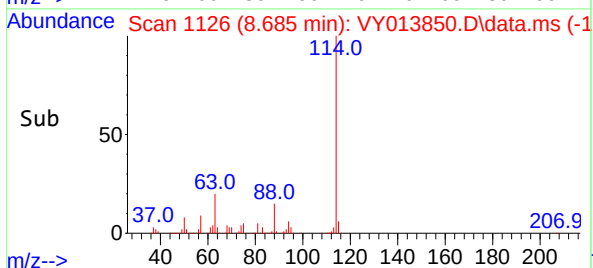
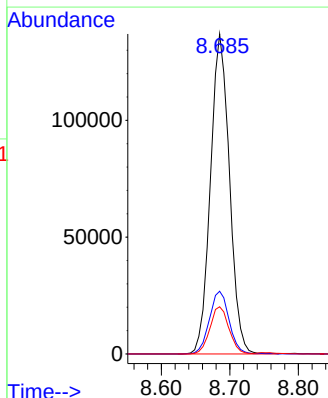
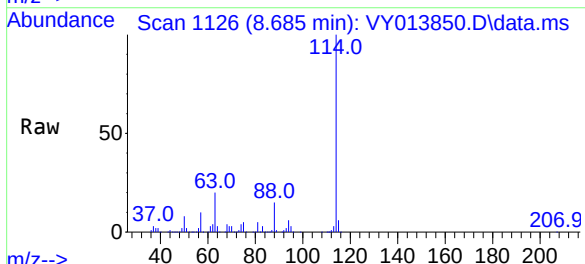
Tgt Ion:114 Resp: 263256

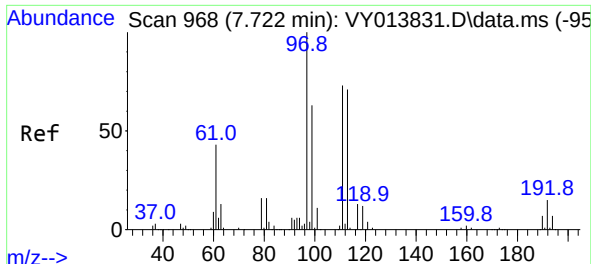
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 14.8 0.0 30.0

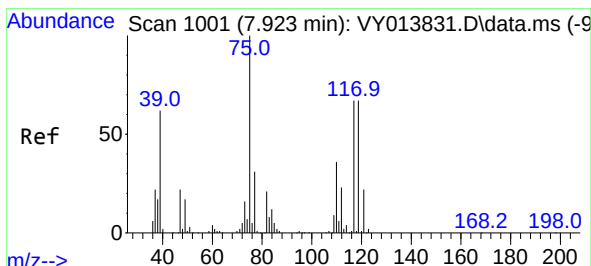
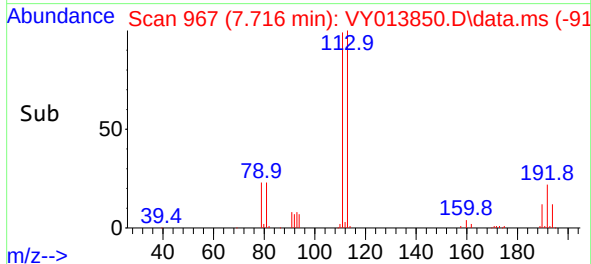
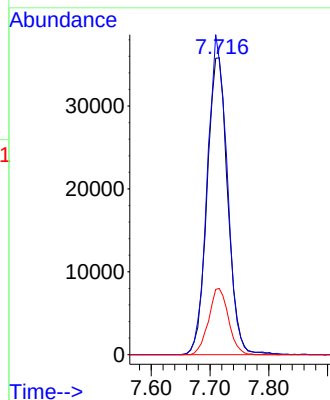
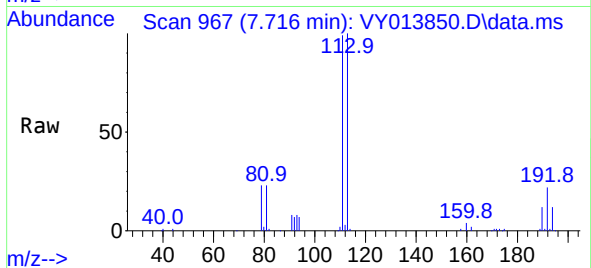




#35
Dibromofluoromethane
Concen: 51.463 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

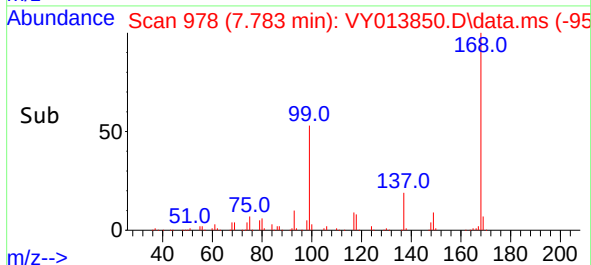
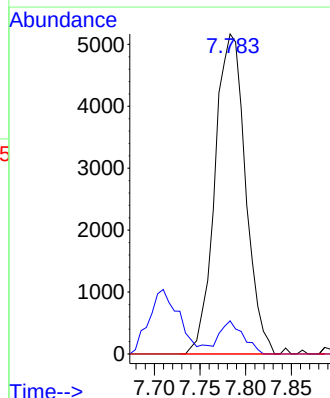
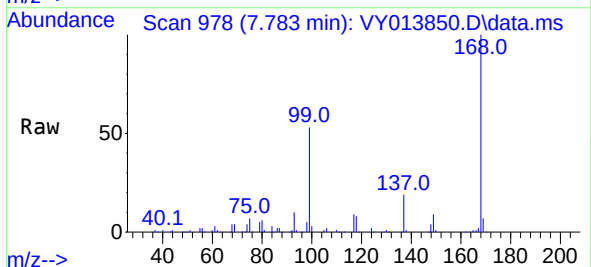
Instrument :
MSVOA_Y
ClientSampleId :
TP4

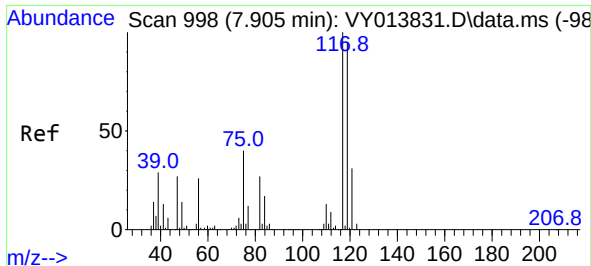
Tgt Ion:113 Resp: 87494
Ion Ratio Lower Upper
113 100
111 103.4 80.4 120.6
192 21.4 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.648 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

Tgt Ion: 75 Resp: 12036
Ion Ratio Lower Upper
75 100
110 8.1 17.5 52.6#
77 0.0 24.4 36.6#

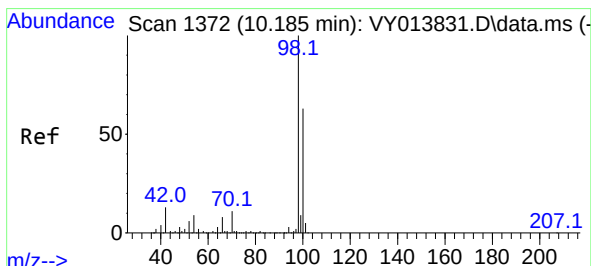
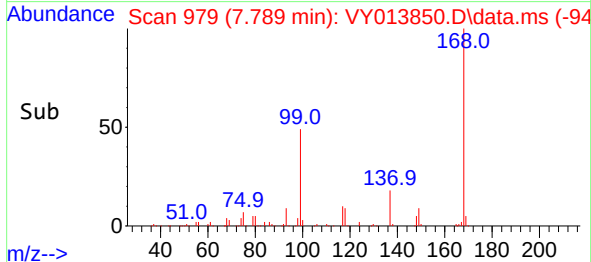
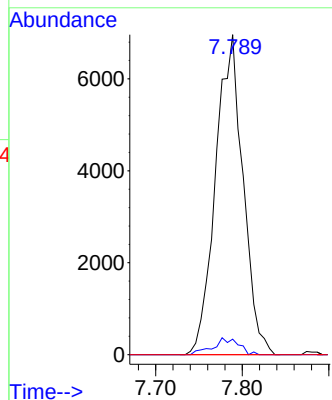
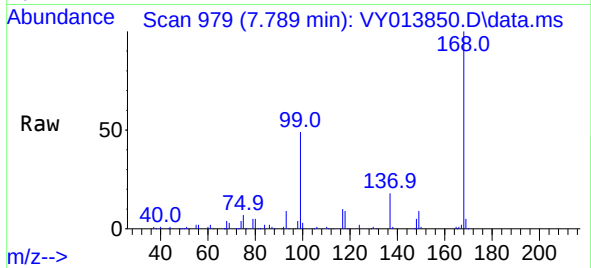




#38
Carbon Tetrachloride
Concen: 5.207 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

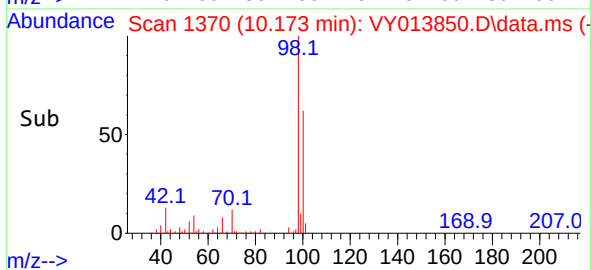
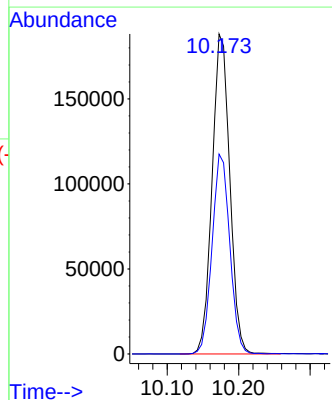
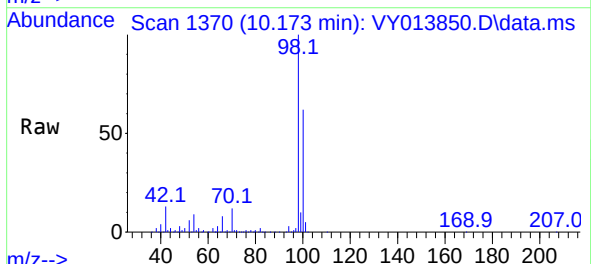
Instrument :
MSVOA_Y
ClientSampleId :
TP4

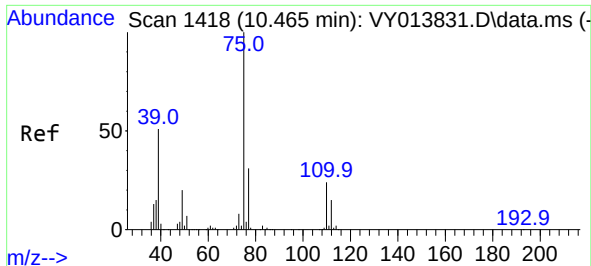
Tgt Ion:117 Resp: 15334
Ion Ratio Lower Upper
117 100
119 4.8 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.974 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.012 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

Tgt Ion: 98 Resp: 322913
Ion Ratio Lower Upper
98 100
100 62.4 50.8 76.2

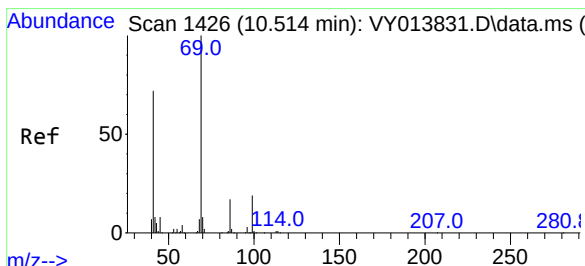
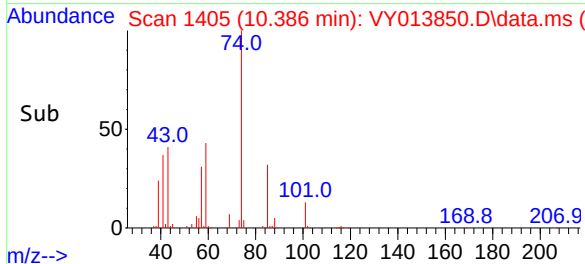
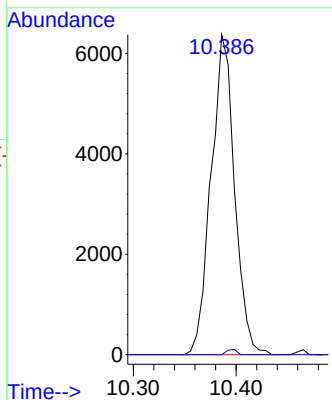
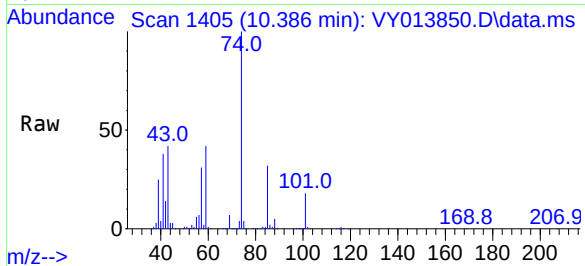




#53
t-1,3-Dichloropropene
Concen: 3.736 ug/l
RT: 10.386 min Scan# 1405
Delta R.T. -0.079 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

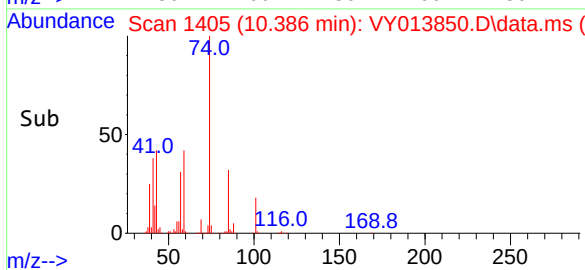
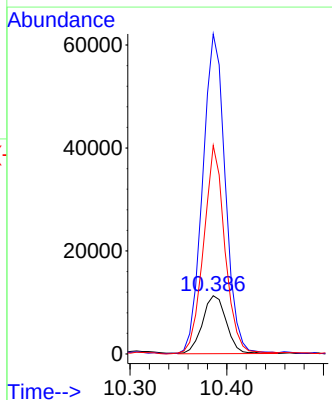
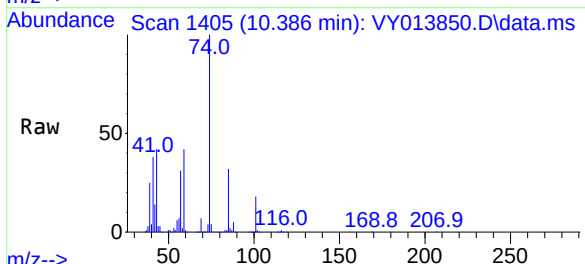
Instrument : MSVOA_Y
ClientSampleId : TP4

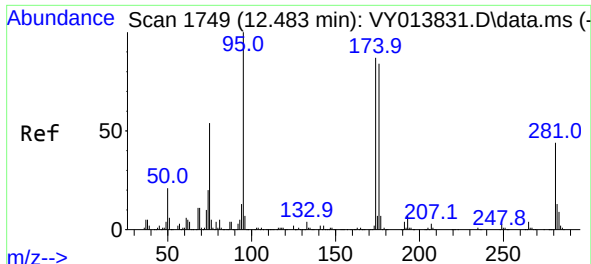
Tgt Ion: 75 Resp: 10114
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#



#56
Ethyl methacrylate
Concen: 9.856 ug/l
RT: 10.386 min Scan# 1405
Delta R.T. -0.128 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

Tgt Ion: 69 Resp: 19315
Ion Ratio Lower Upper
69 100
41 523.2 57.8 86.6#
39 326.0 33.9 50.9#

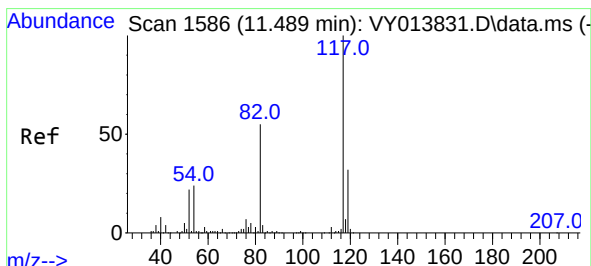
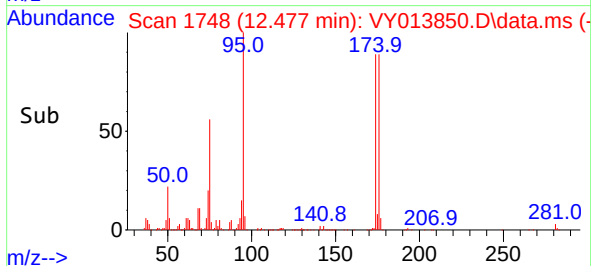
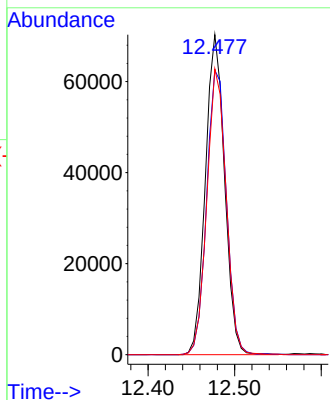
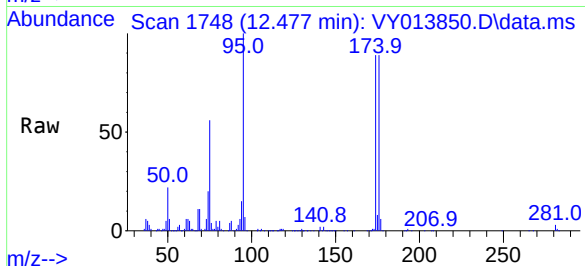




#62
4-Bromofluorobenzene
Concen: 50.379 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

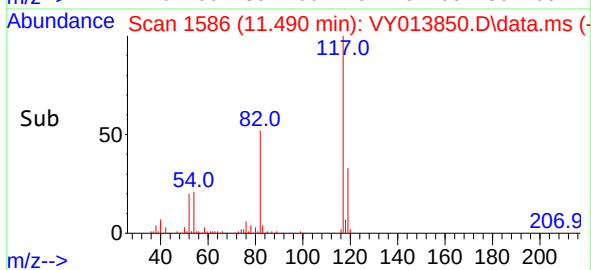
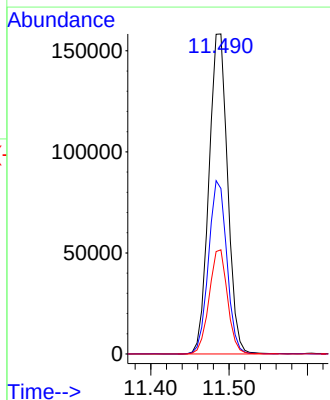
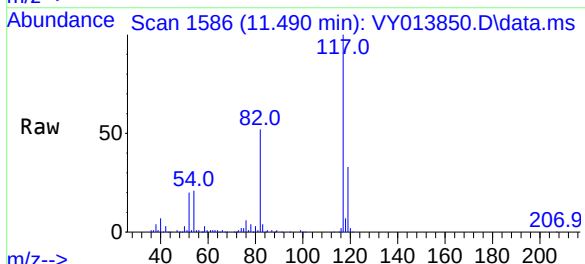
Instrument :
MSVOA_Y
ClientSampleId :
TP4

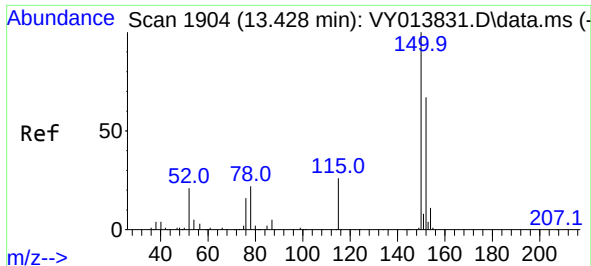
Tgt Ion: 95 Resp: 108207
Ion Ratio Lower Upper
95 100
174 91.5 0.0 176.0
176 89.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

Tgt Ion: 117 Resp: 262268
Ion Ratio Lower Upper
117 100
82 51.7 44.2 66.4
119 32.6 25.7 38.5

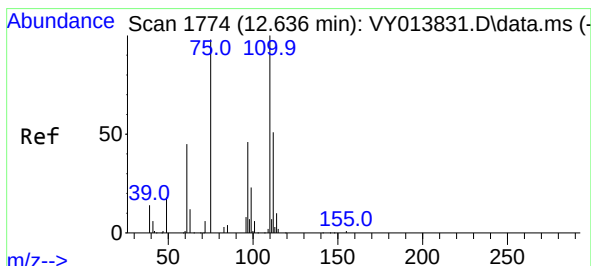
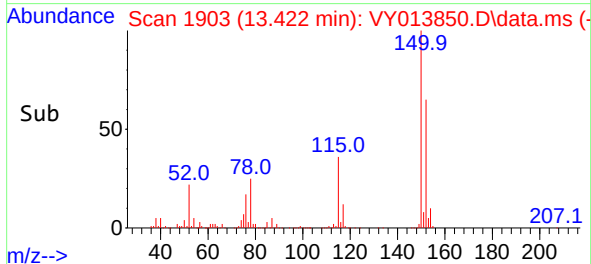
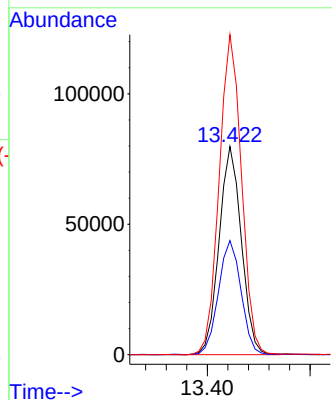
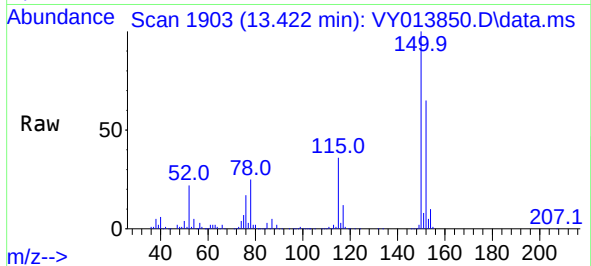




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

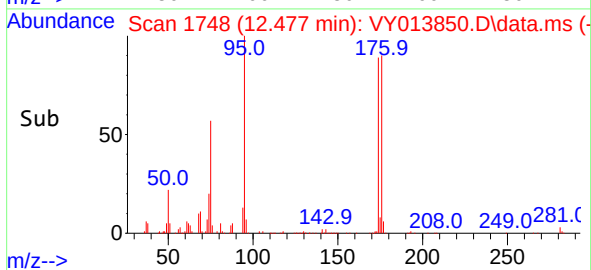
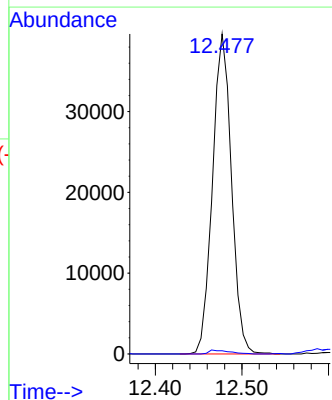
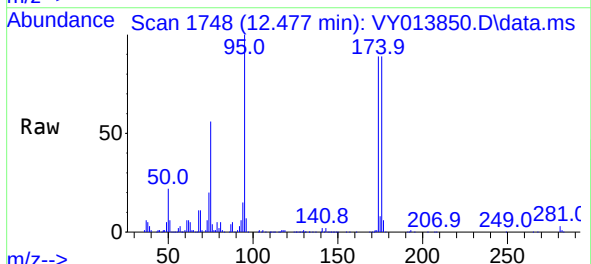
Instrument :
MSVOA_Y
ClientSampleId :
TP4

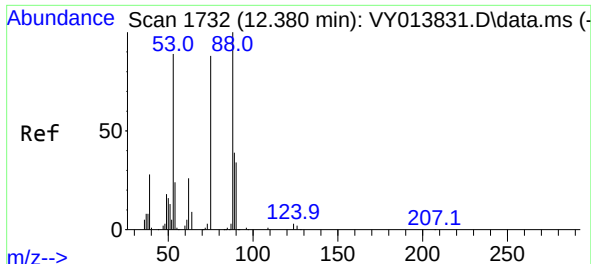
Tgt Ion:152 Resp: 119903
Ion Ratio Lower Upper
152 100
115 55.7 28.8 86.5
150 154.2 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 42.616 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

Tgt Ion: 75 Resp: 60251
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

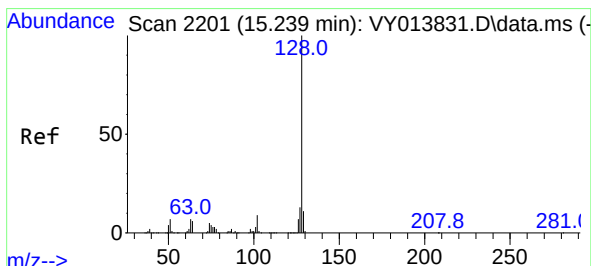
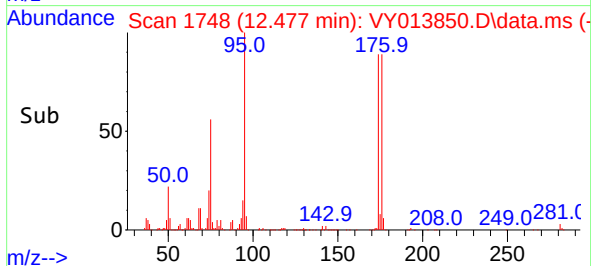
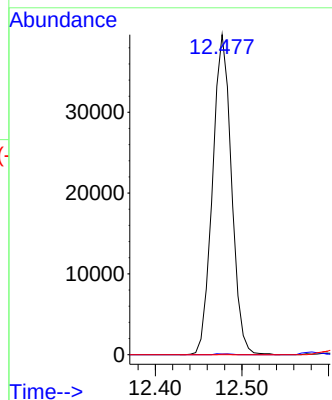
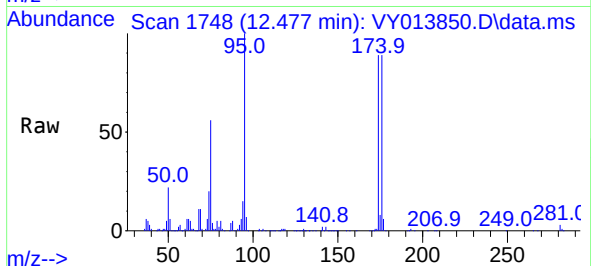




#81
trans-1,4-Dichloro-2-butene
Concen: 92.506 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

Instrument :
MSVOA_Y
ClientSampleId :
TP4

Tgt Ion: 75 Resp: 60251
Ion Ratio Lower Upper
75 100
53 0.2 79.7 119.5#
89 0.1 36.4 54.6#



#95
Naphthalene
Concen: 4.630 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013850.D
Acq: 24 May 2023 16:45

Tgt Ion: 128 Resp: 458
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

