

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013649.D
 Acq On : 08 May 2023 15:12
 Operator : KP/MD
 Sample : 02652-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CLAY-LINER

Quant Time: May 09 04:57:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

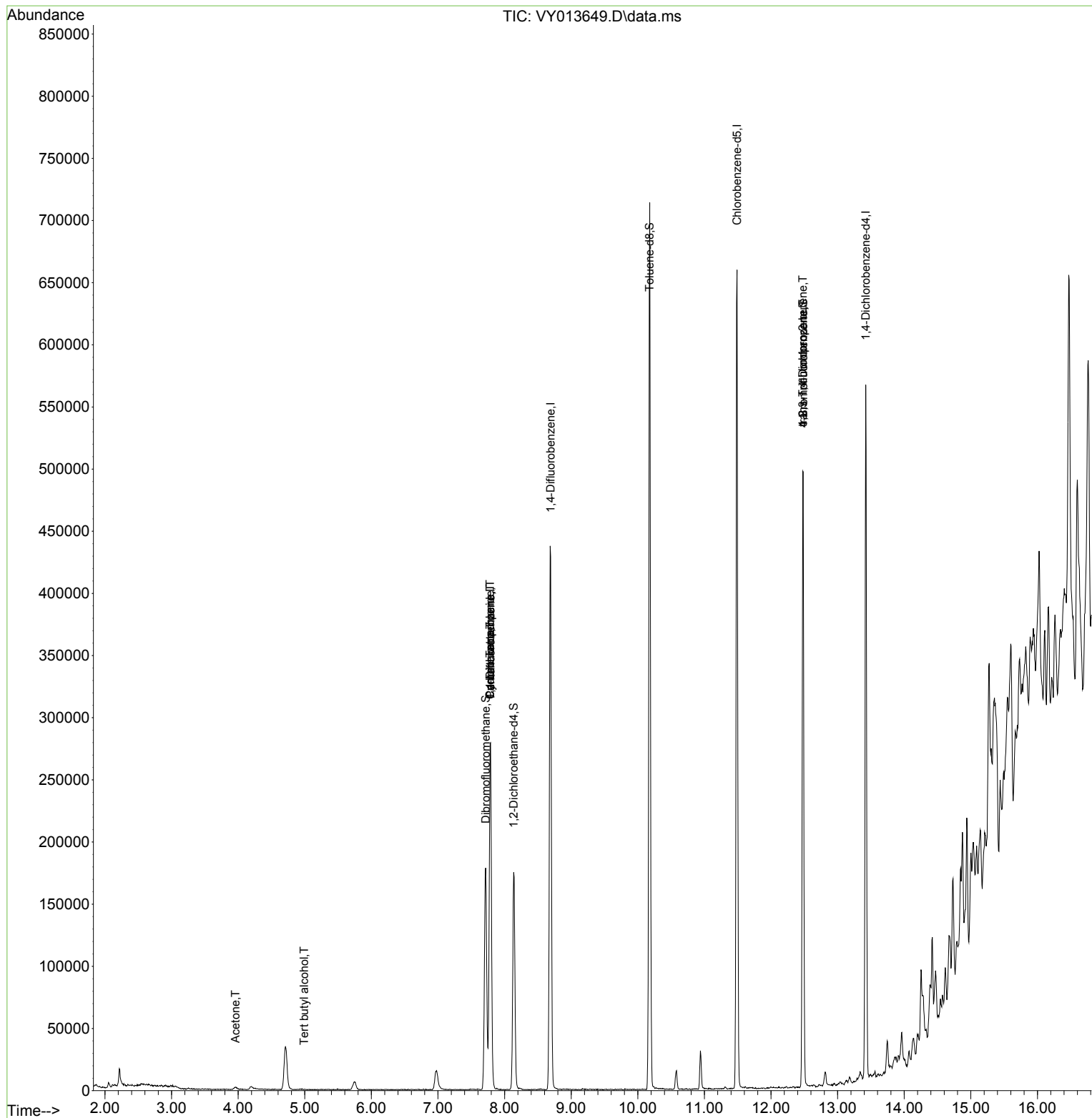
Internal Standards						
1) Pentafluorobenzene	7.789	168	220781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	373209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143327	59.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.440%	
35) Dibromofluoromethane	7.716	113	124361	52.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.960%	
50) Toluene-d8	10.179	98	453330	54.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.580%	
62) 4-Bromofluorobenzene	12.483	95	138803	49.306	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.991	59	270	1.638	ug/l #	89
13) Acrolein	3.503	56	42	Below Cal	#	16
16) Acetone	3.960	43	3802	3.989	ug/l #	87
31) Cyclohexane	7.783	56	5012	1.157	ug/l #	33
36) 1,1-Dichloropropene	7.783	75	17019	4.369	ug/l #	49
38) Carbon Tetrachloride	7.783	117	22492	5.508	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	76881	40.757	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	76881	83.371	ug/l #	13

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

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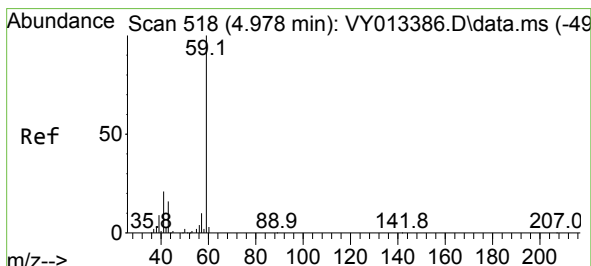
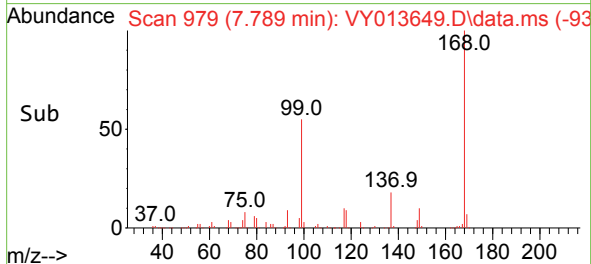
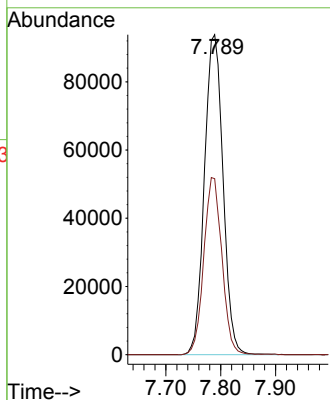
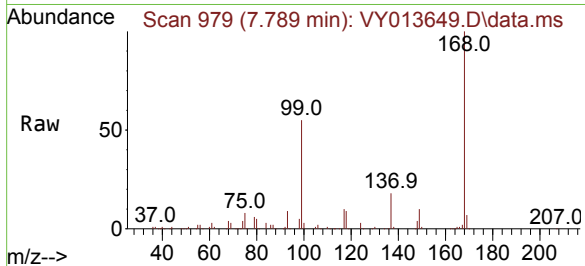




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

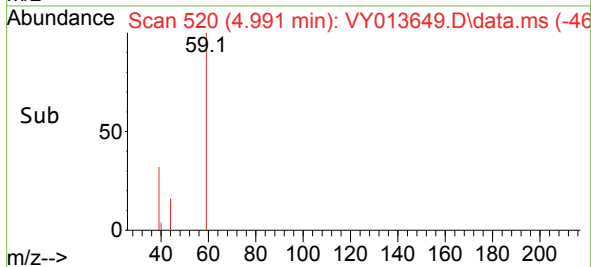
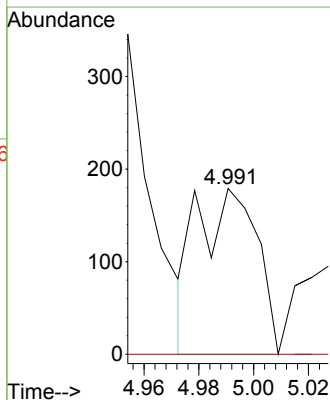
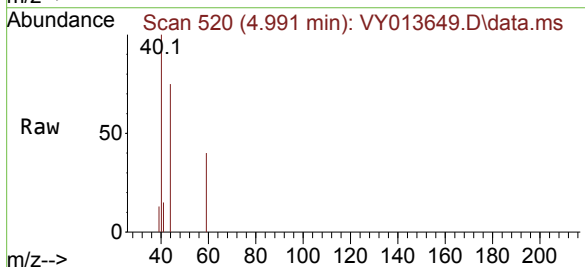
Instrument :
MSVOA_Y
ClientSampleId :
CLAY-LINER

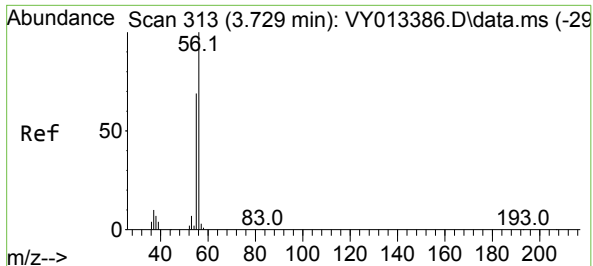
Tgt Ion:168 Resp: 220781
Ion Ratio Lower Upper
168 100
99 55.0 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.638 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.013 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

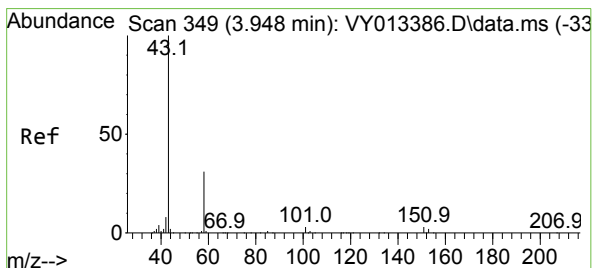
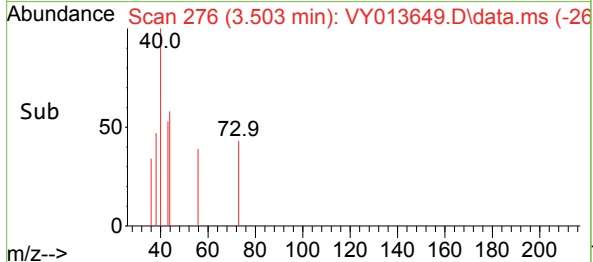
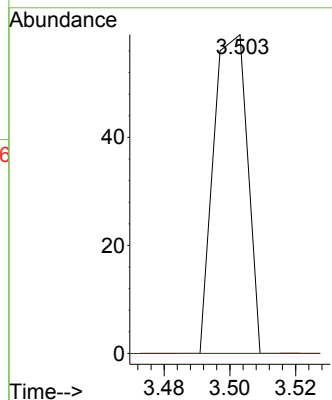
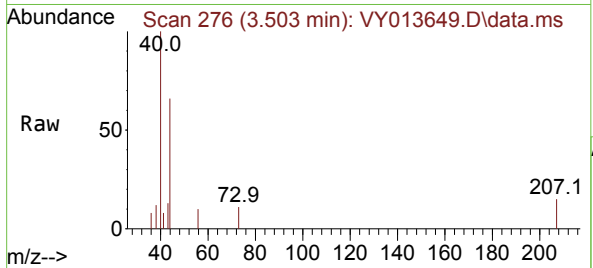




#13
Acrolein
Concen: Below Cal
RT: 3.503 min Scan# 21
Delta R.T. -0.226 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

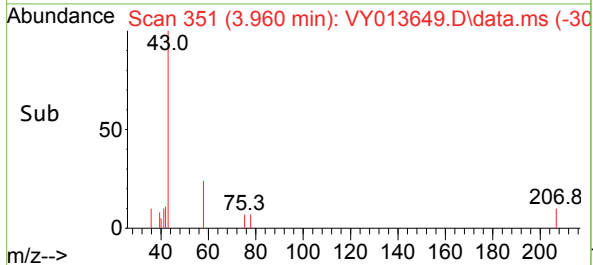
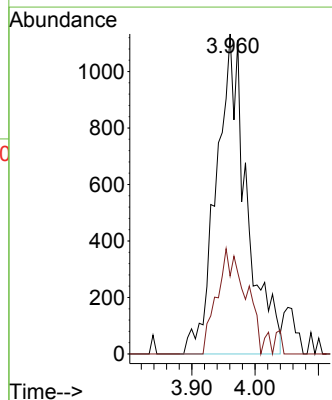
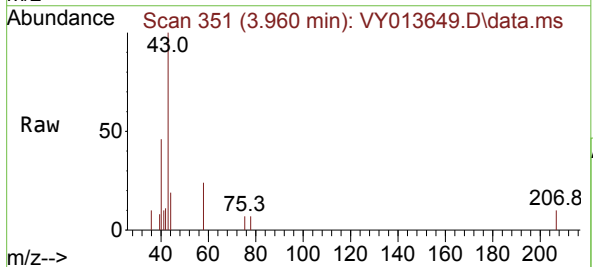
Instrument :
MSVOA_Y
ClientSampleId :
CLAY-LINER

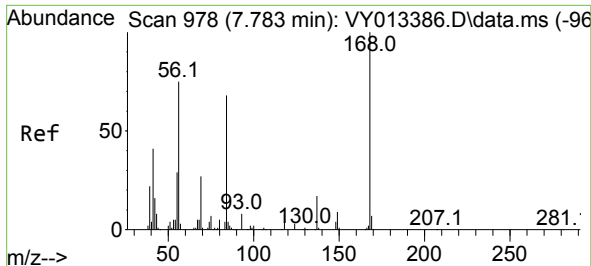
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#16
Acetone
Concen: 3.989 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

Tgt Ion: 43 Resp: 3802
Ion Ratio Lower Upper
43 100
58 24.4 25.4 38.0#

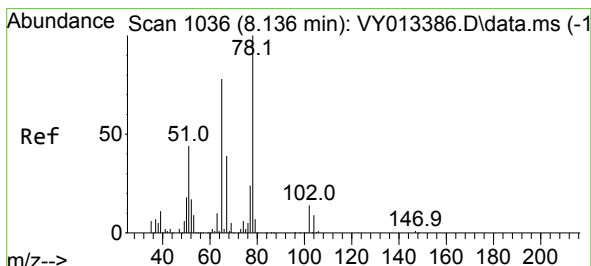
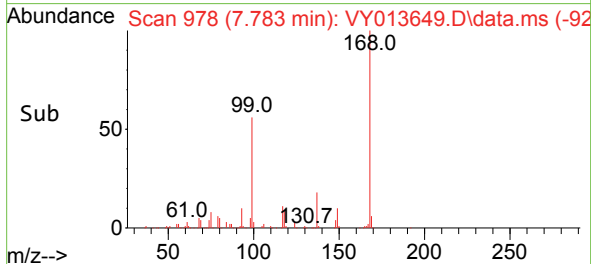
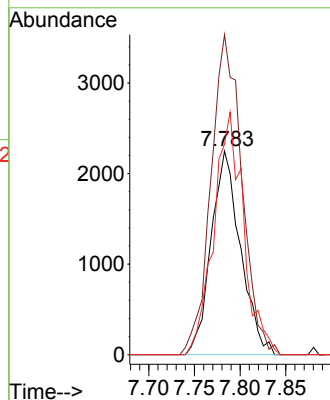
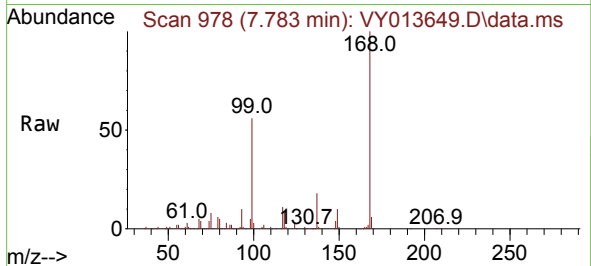




#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

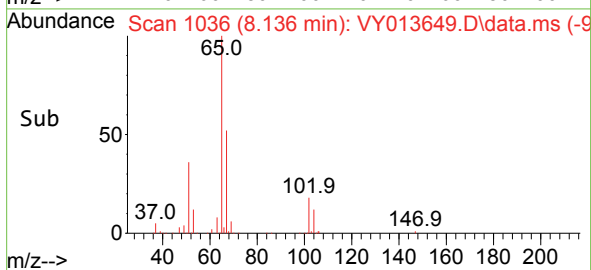
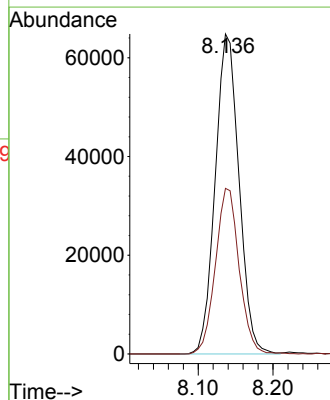
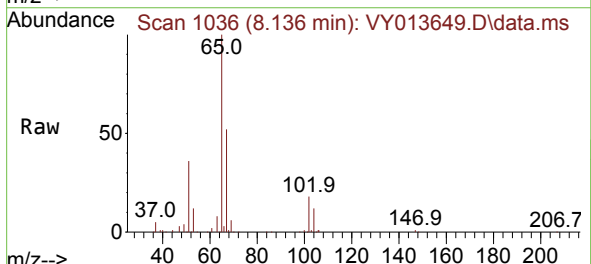
Instrument :
MSVOA_Y
ClientSampleId :
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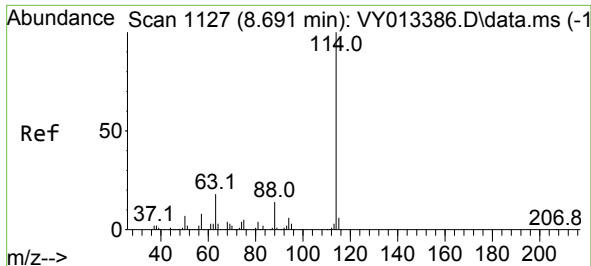
Tgt Ion: 56 Resp: 5012
Ion Ratio Lower Upper
56 100
69 157.1 29.2 43.8#
84 103.4 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 59.220 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

Tgt Ion: 65 Resp: 143327
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4

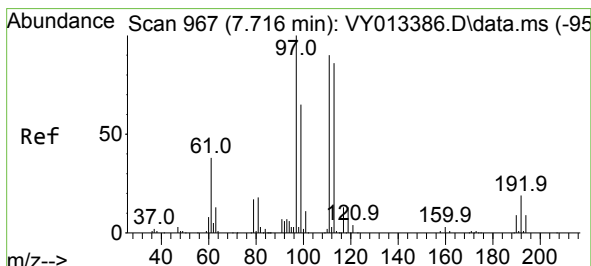
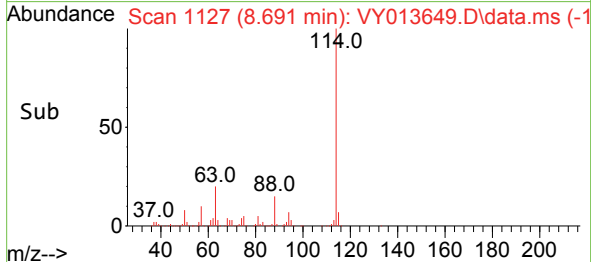
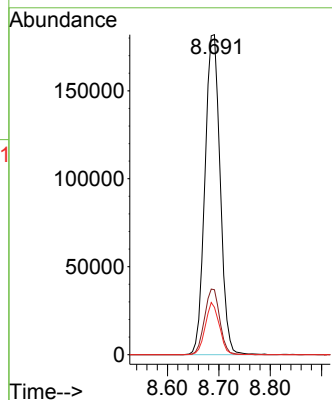
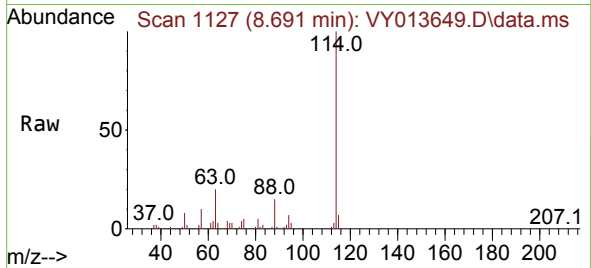




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

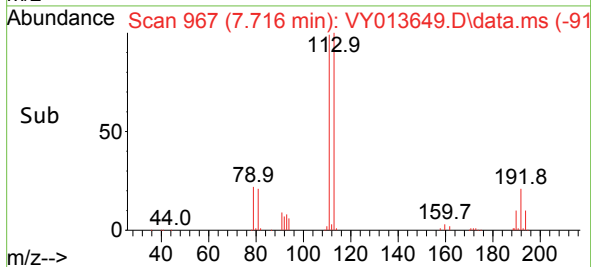
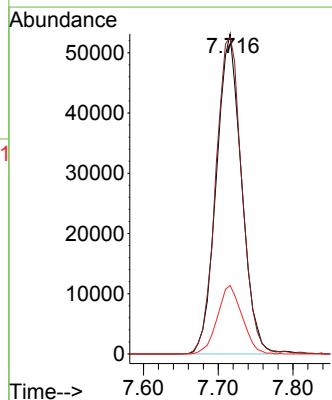
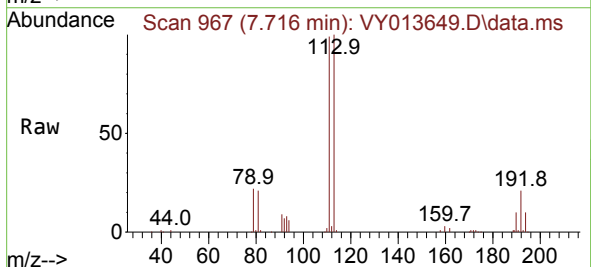
Instrument :
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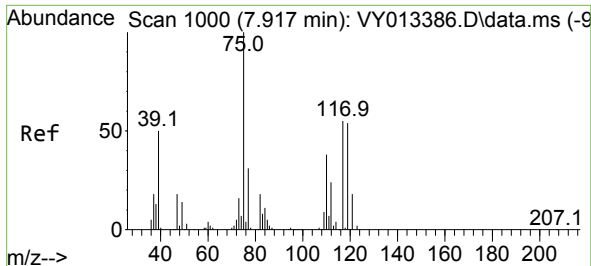
Tgt Ion:114 Resp: 373209
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.6
88 14.8 0.0 28.8



#35
Dibromofluoromethane
Concen: 52.980 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

Tgt Ion:113 Resp: 124361
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 21.0 16.7 25.1

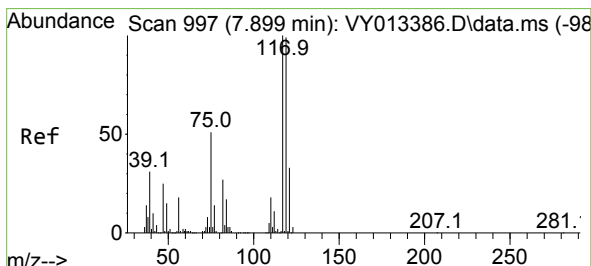
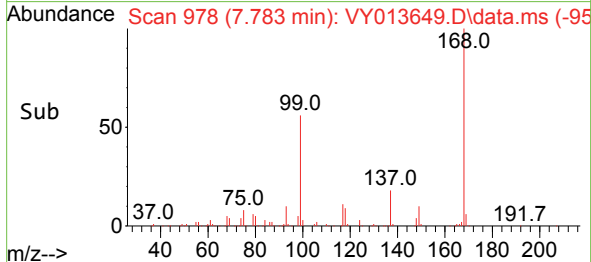
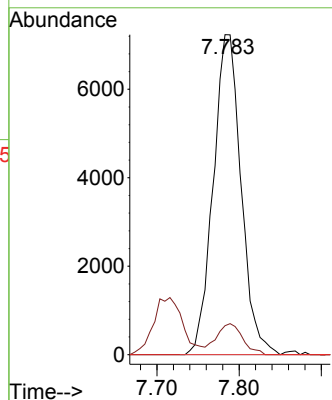
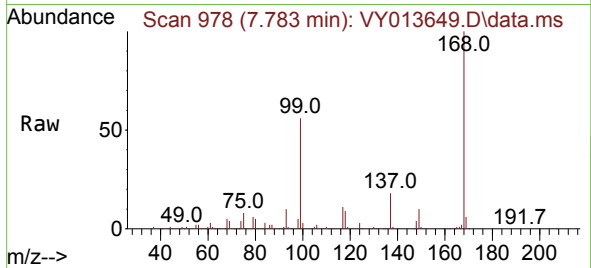




#36
1,1-Dichloropropene
Concen: 4.369 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

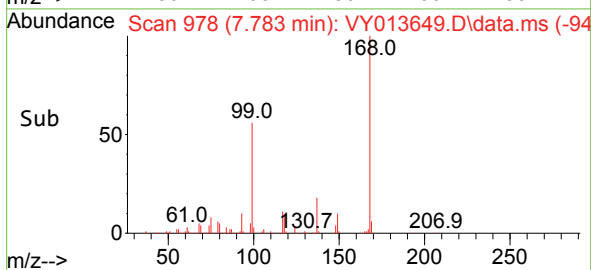
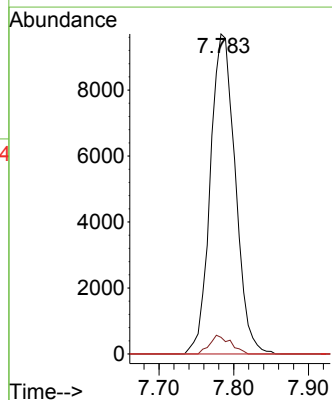
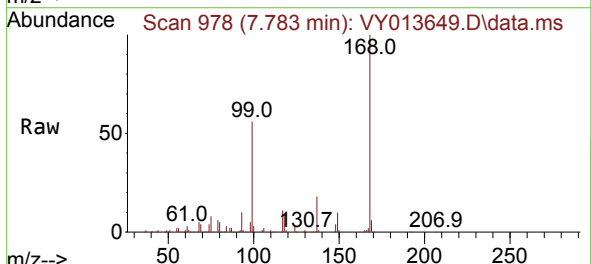
Instrument :
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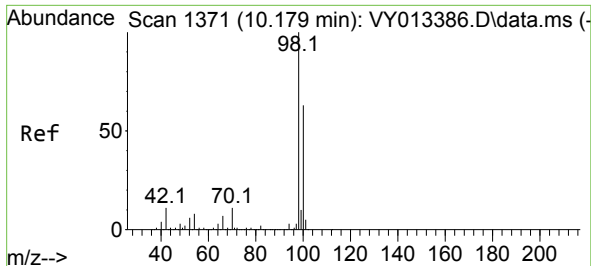
Tgt Ion: 75 Resp: 17019
Ion Ratio Lower Upper
75 100
110 9.0 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.508 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

Tgt Ion: 117 Resp: 22492
Ion Ratio Lower Upper
117 100
119 5.2 79.0 118.6#
121 0.0 26.6 40.0#

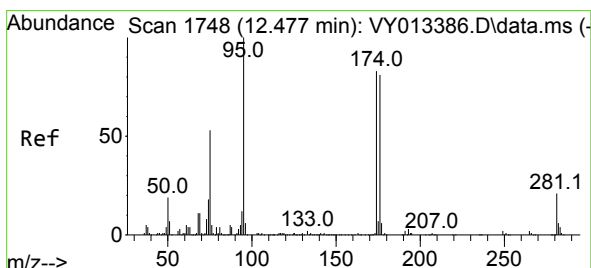
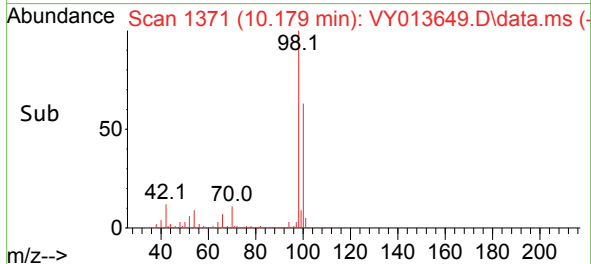
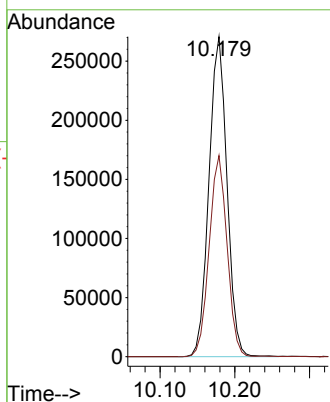
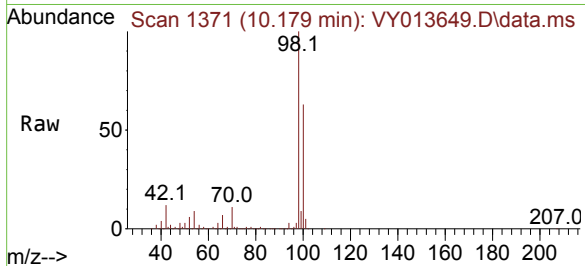




#50
Toluene-d8
Concen: 54.289 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

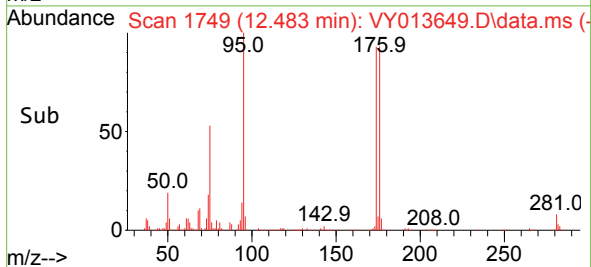
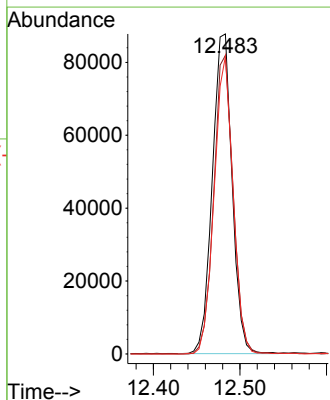
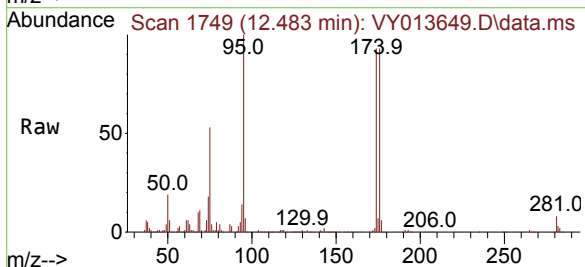
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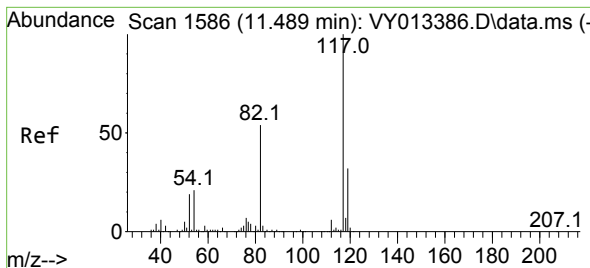
Tgt Ion: 98 Resp: 453330
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 49.306 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

Tgt Ion: 95 Resp: 138803
Ion Ratio Lower Upper
95 100
174 91.8 0.0 182.0
176 89.2 0.0 175.4

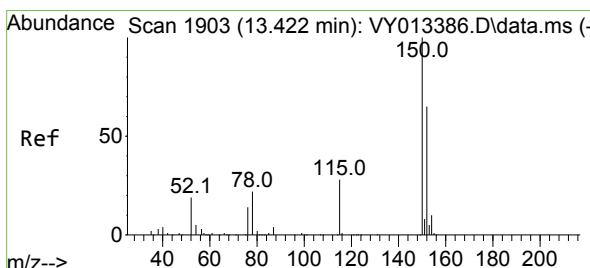
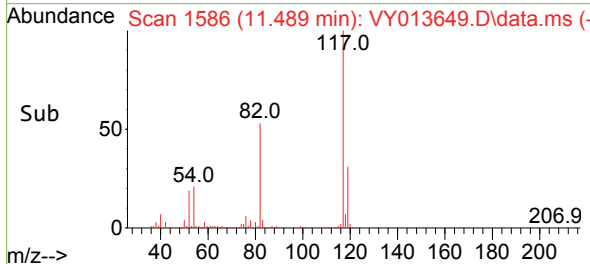
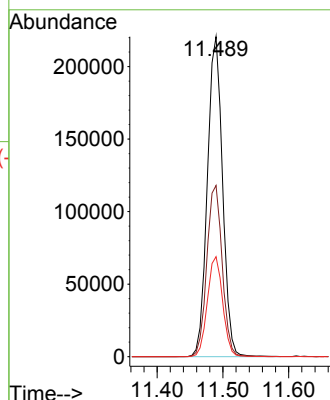
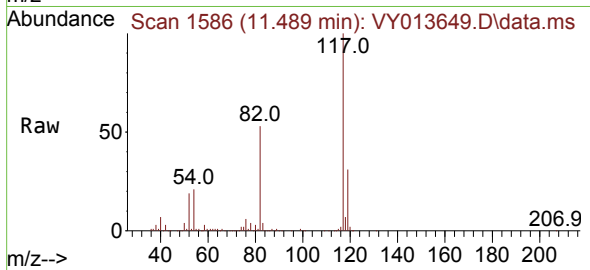




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

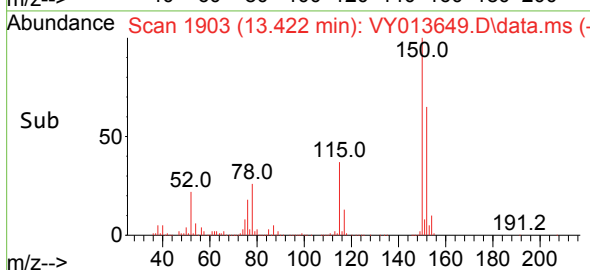
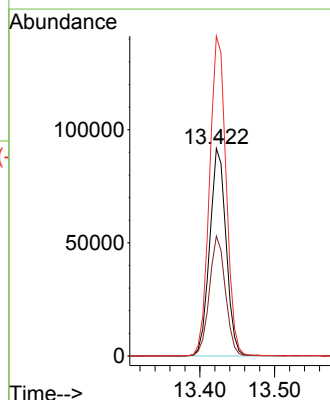
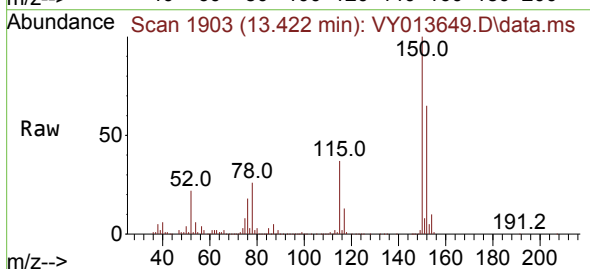
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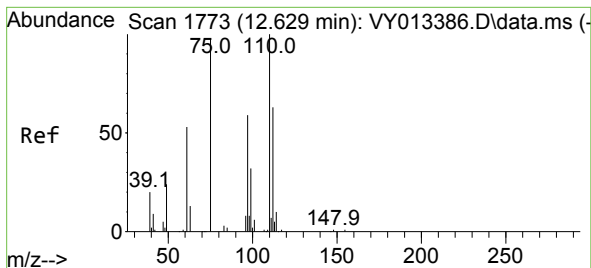
Tgt Ion:117 Resp: 354300
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.6
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

Tgt Ion:152 Resp: 139871
Ion Ratio Lower Upper
152 100
115 56.6 28.1 84.2
150 156.1 0.0 352.0

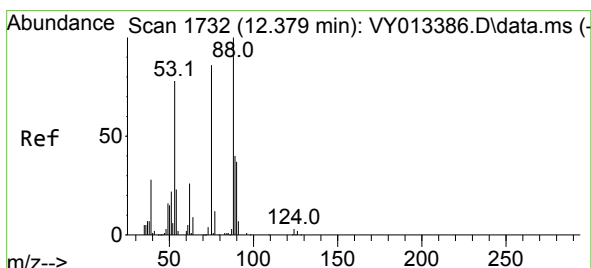
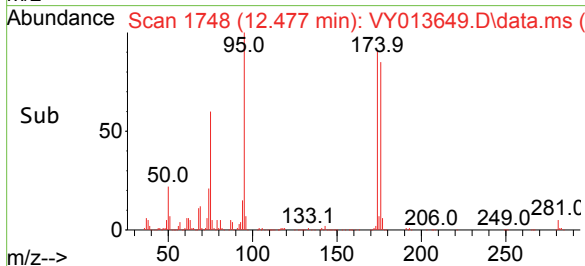
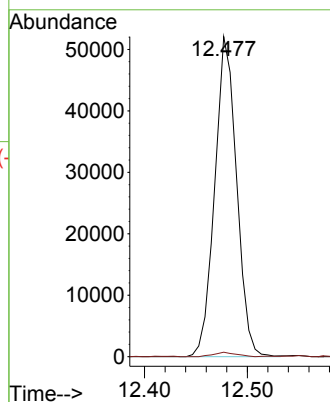
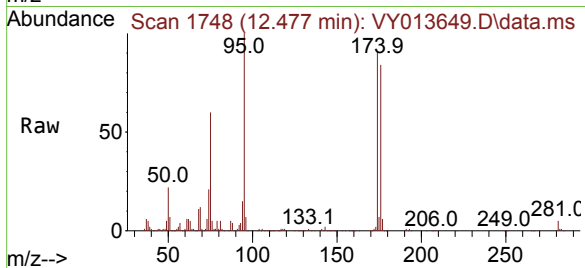




#76
1,2,3-Trichloropropane
Concen: 40.757 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

Instrument :
MSVOA_Y
ClientSampleId :
CLAY-LINER

Tgt Ion: 75 Resp: 76881
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.371 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013649.D
Acq: 08 May 2023 15:12

Tgt Ion: 75 Resp: 76881
Ion Ratio Lower Upper
75 100
53 0.2 73.2 109.8#
89 0.1 38.0 57.0#

