

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013248.D
 Acq On : 11 Apr 2023 17:23
 Operator : KP/MD
 Sample : 02257-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ELI-SOLID-0407

Quant Time: Apr 12 01:36:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

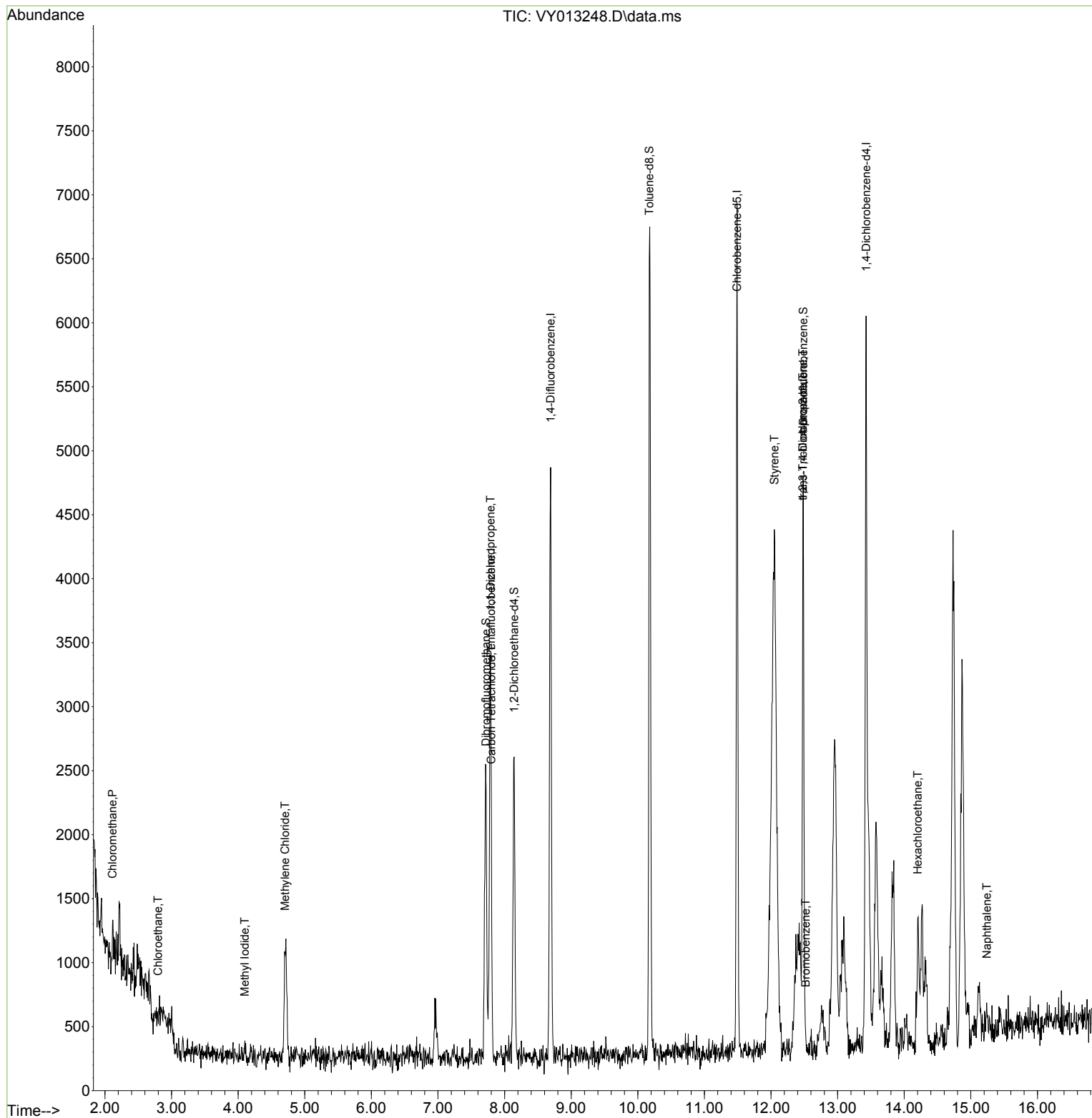
Internal Standards						
1) Pentafluorobenzene	7.795	168	2613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	3492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2052	69.833	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 139.660%		
35) Dibromofluoromethane	7.722	113	1599	65.054	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 130.100%		
50) Toluene-d8	10.173	98	4591	53.349	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 106.700%		
62) 4-Bromofluorobenzene	12.483	95	1222	39.765	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 79.540%		
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	342	13.167	ug/l	92
6) Chloroethane	2.796	64	174	10.631	ug/l #	43
10) Methyl Iodide	4.100	142	27	1.014	ug/l #	40
20) Methylene Chloride	4.704	84	665	17.778	ug/l #	80
36) 1,1-Dichloropropene	7.789	75	171	5.059	ug/l #	41
38) Carbon Tetrachloride	7.801	117	244	6.199	ug/l #	12
70) Styrene	12.050	104	339	4.758	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	684	44.778	ug/l #	100
77) Bromobenzene	12.520	156	82	4.091	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.477	75	684	92.342	ug/l #	13
90) Hexachloroethane	14.202	117	19	1.249	ug/l #	10
95) Naphthalene	15.239	128	71	1.413	ug/l #	69

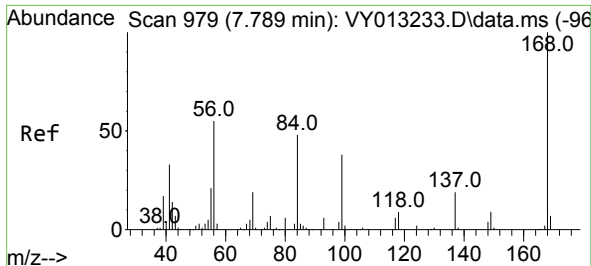
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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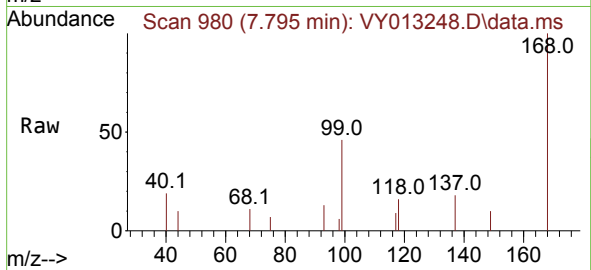
Quant Time: Apr 12 01:36:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 11 11:59:49 2023
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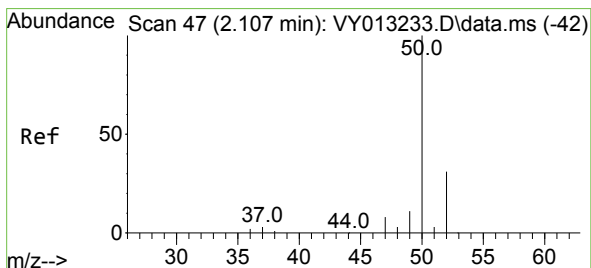
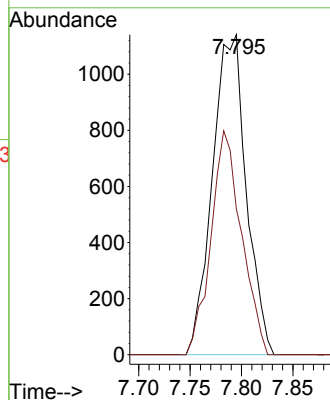
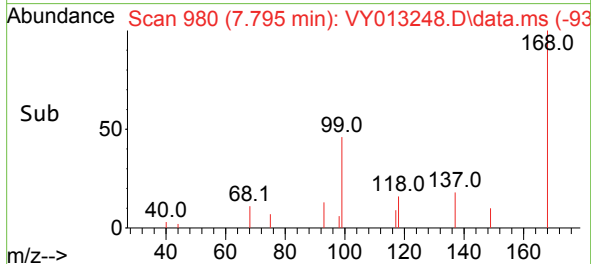


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

Instrument :
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ClientSampleId :
ELI-SOLID-0407

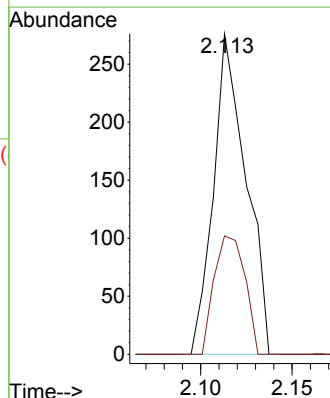
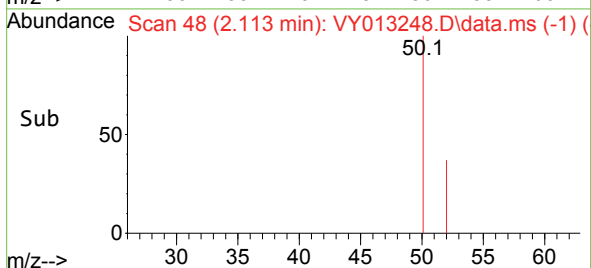
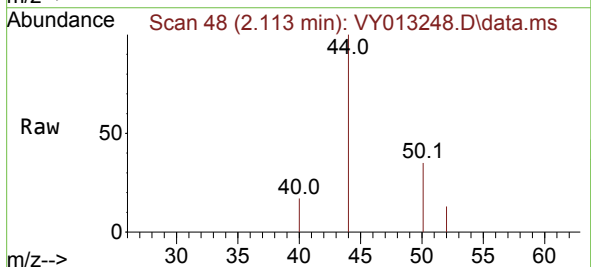


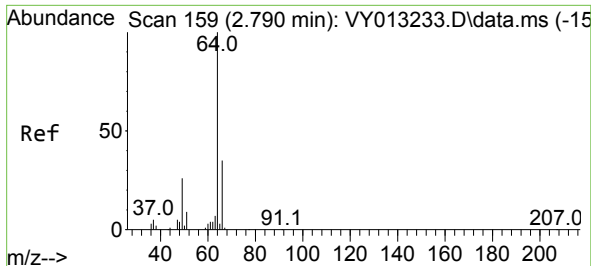
Tgt Ion:168 Resp: 2613
Ion Ratio Lower Upper
168 100
99 45.6 41.7 62.5



#3
Chloromethane
Concen: 13.167 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

Tgt Ion: 50 Resp: 342
Ion Ratio Lower Upper
50 100
52 37.0 26.0 39.0

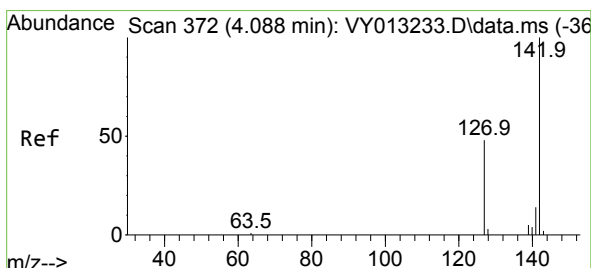
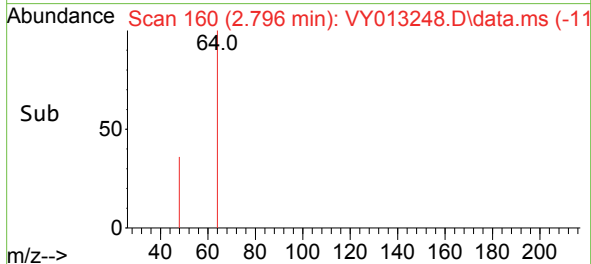
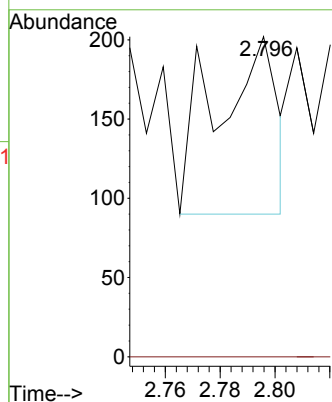
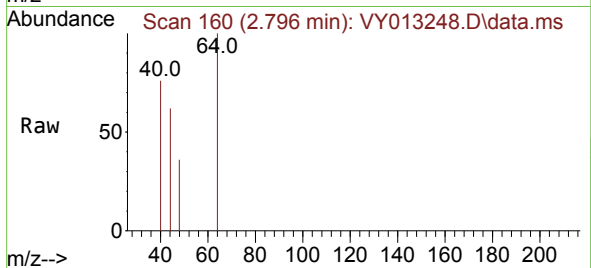




#6
Chloroethane
Concen: 10.631 ug/l
RT: 2.796 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

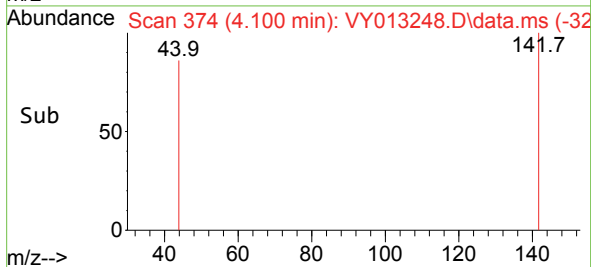
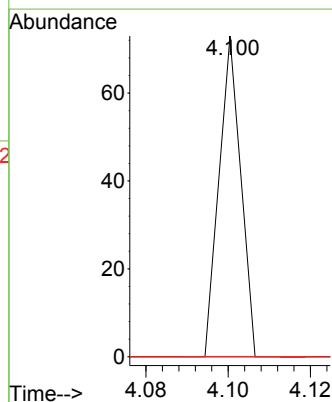
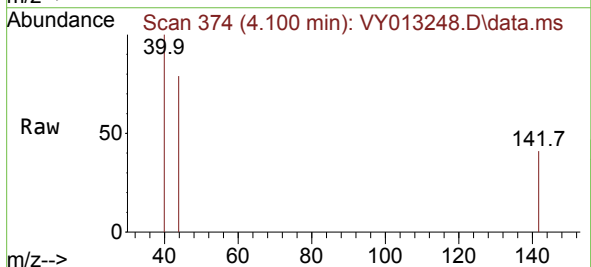
Instrument :
MSVOA_Y
ClientSampleId :
ELI-SOLID-0407

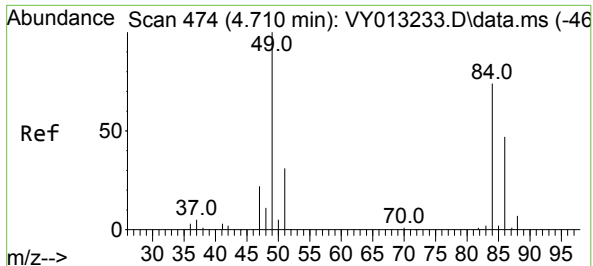
Tgt Ion: 64 Resp: 174
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#10
Methyl Iodide
Concen: 1.014 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

Tgt Ion: 142 Resp: 27
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.2#
141 0.0 11.3 16.9#

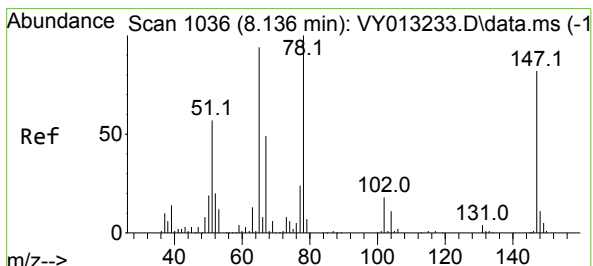
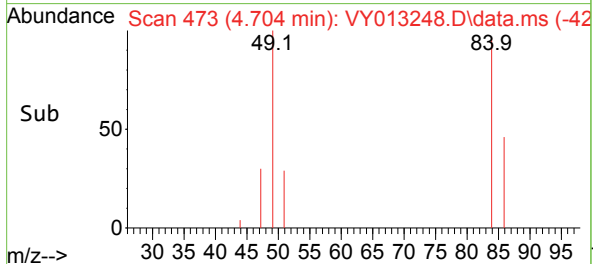
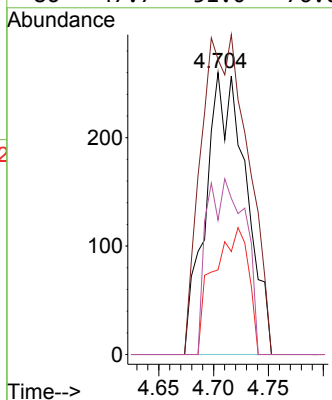
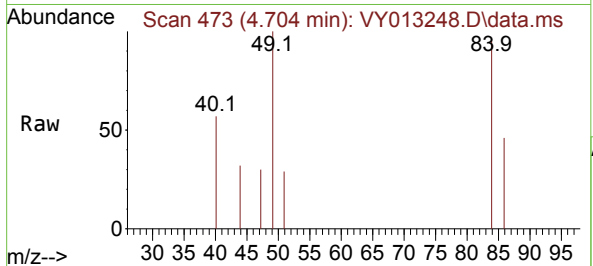




#20
Methylene Chloride
Concen: 17.778 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

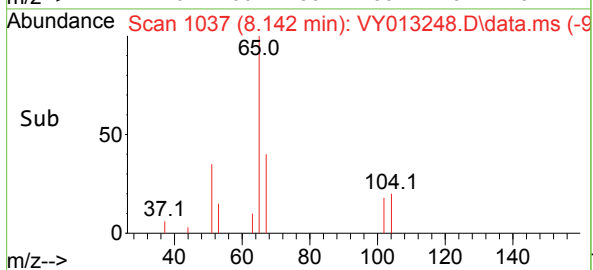
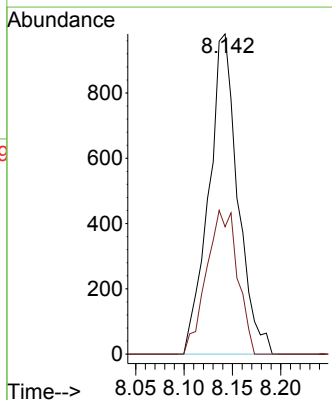
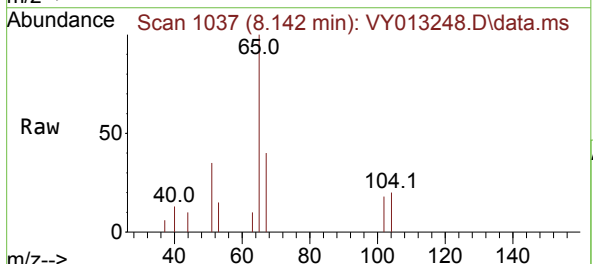
Instrument :
MSVOA_Y
ClientSampleId :
ELI-SOLID-0407

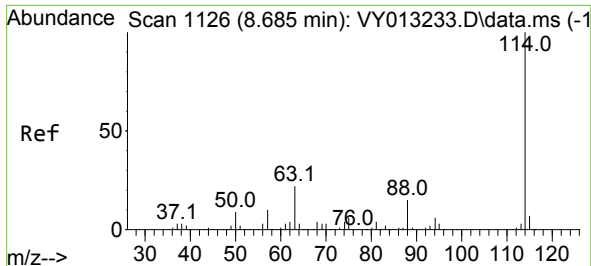
Tgt Ion: 84 Resp: 665
Ion Ratio Lower Upper
84 100
49 104.6 102.6 154.0
51 30.0 31.9 47.9#
86 47.7 51.0 76.6#



#33
1,2-Dichloroethane-d4
Concen: 69.833 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

Tgt Ion: 65 Resp: 2052
Ion Ratio Lower Upper
65 100
67 48.0 0.0 104.0

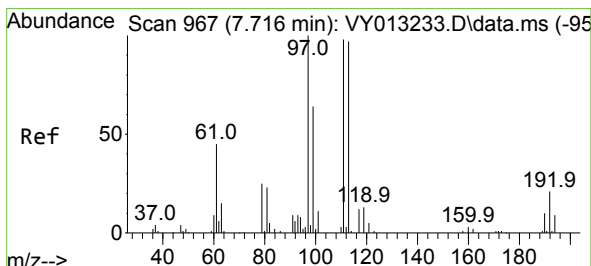
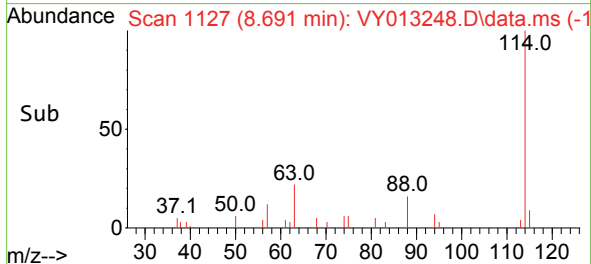
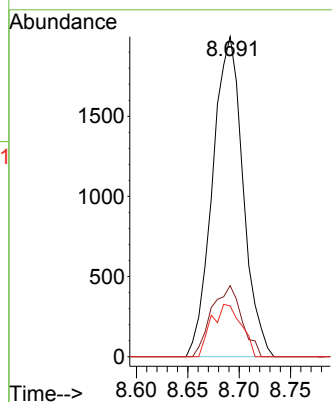
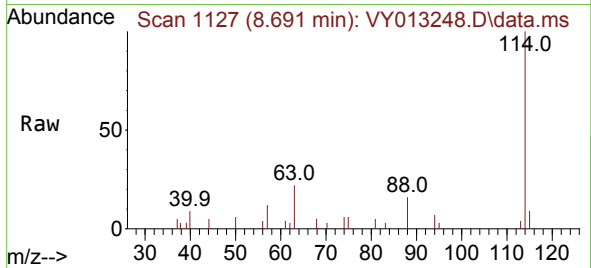




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

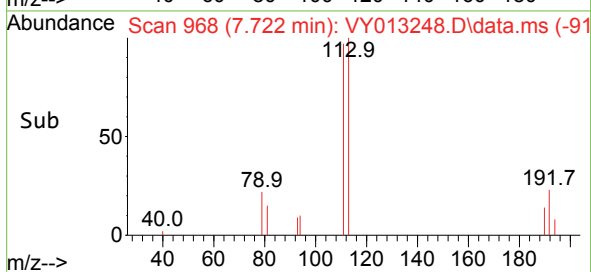
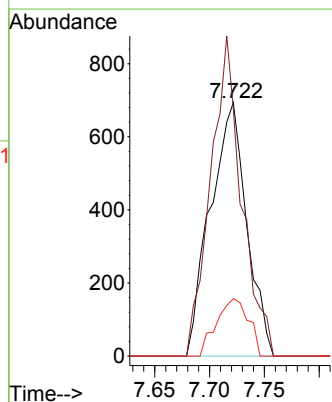
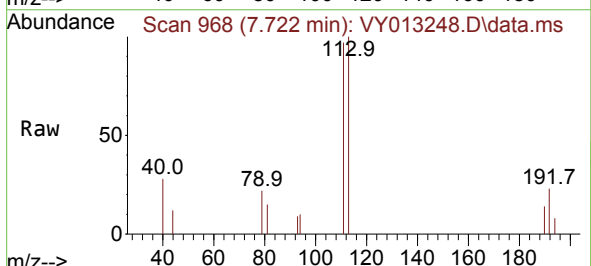
Instrument :
MSVOA_Y
ClientSampleId :
ELI-SOLID-0407

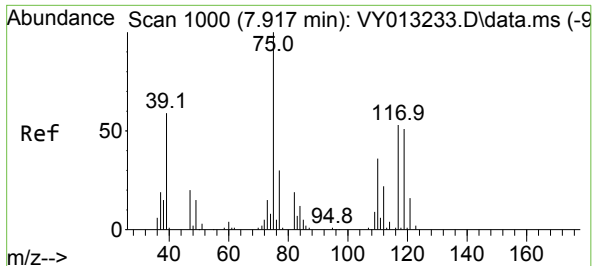
Tgt Ion:114 Resp: 4112
Ion Ratio Lower Upper
114 100
63 22.2 0.0 37.4
88 15.8 0.0 28.6



#35
Dibromofluoromethane
Concen: 65.054 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

Tgt Ion:113 Resp: 1599
Ion Ratio Lower Upper
113 100
111 108.0 82.2 123.2
192 19.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.059 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013248.D

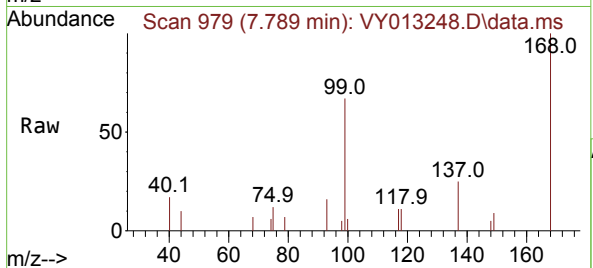
Acq: 11 Apr 2023 17:23

Instrument :

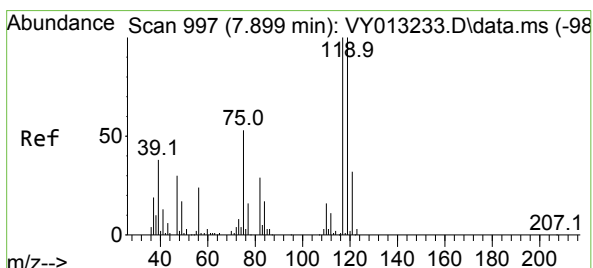
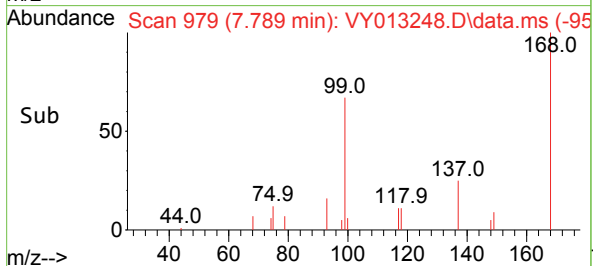
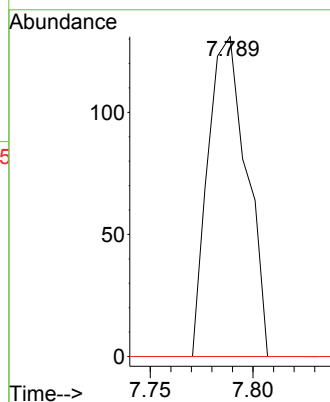
MSVOA_Y

ClientSampleId :

ELI-SOLID-0407



Tgt Ion: 75	Resp: 171
Ion Ratio	Lower Upper
75 100	
110 0.0	17.8 53.3#
77 0.0	25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.199 ug/l

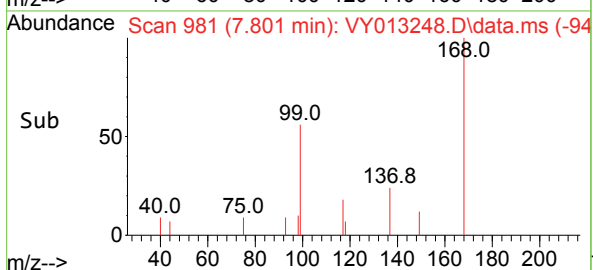
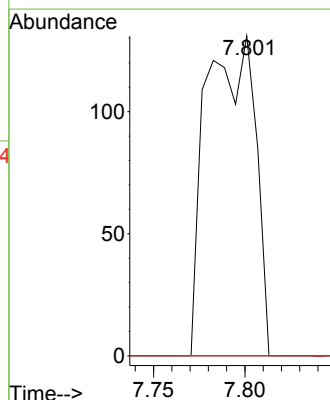
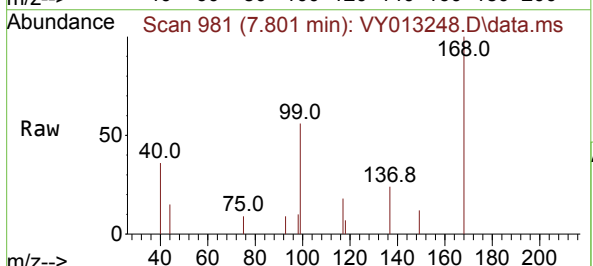
RT: 7.801 min Scan# 981

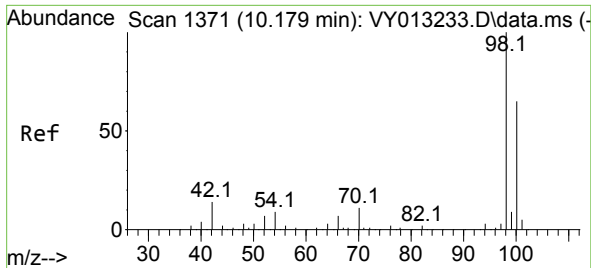
Delta R.T. -0.098 min

Lab File: VY013248.D

Acq: 11 Apr 2023 17:23

Tgt Ion: 117	Resp: 244
Ion Ratio	Lower Upper
117 100	
119 0.0	77.2 115.8#
121 0.0	24.7 37.1#

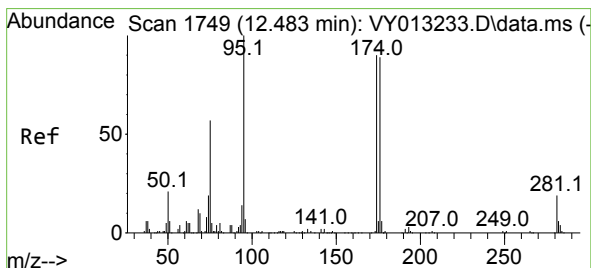
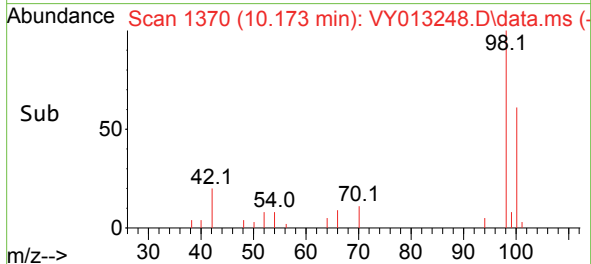
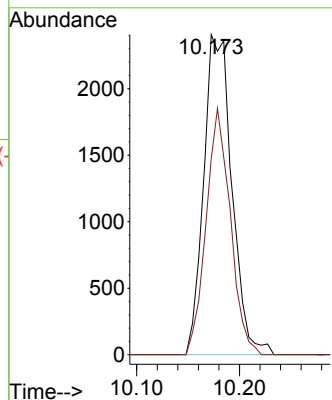
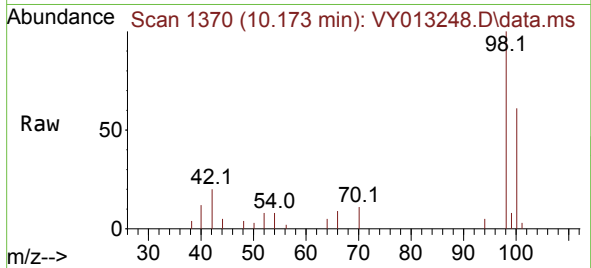




#50
Toluene-d8
Concen: 53.349 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

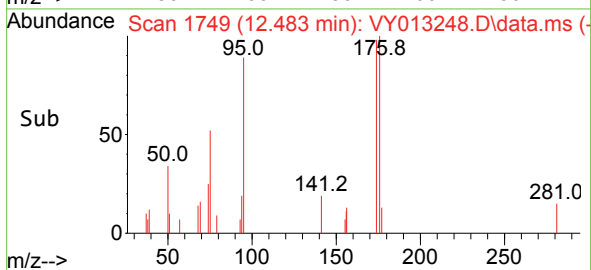
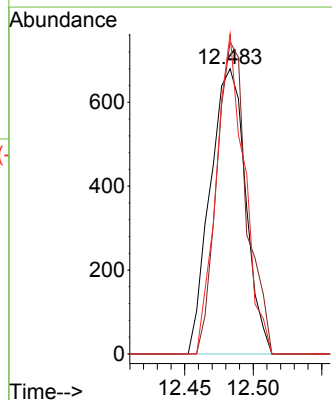
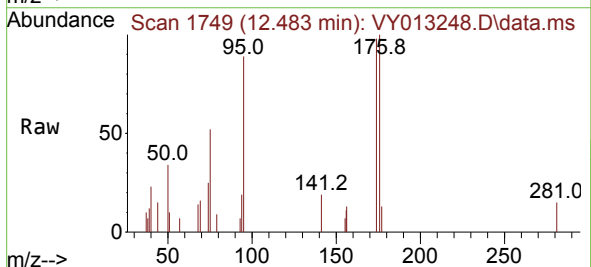
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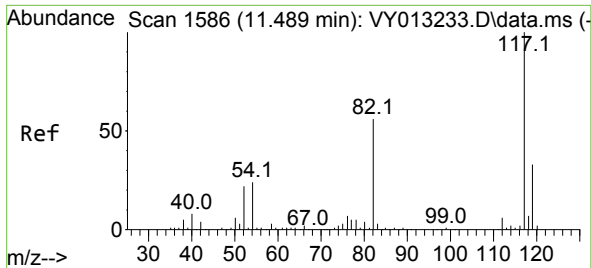
Tgt Ion: 98 Resp: 4591
Ion Ratio Lower Upper
98 100
100 66.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 39.765 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

Tgt Ion: 95 Resp: 1222
Ion Ratio Lower Upper
95 100
174 92.8 0.0 176.6
176 89.3 0.0 170.2

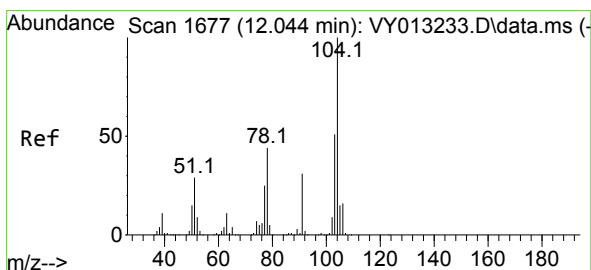
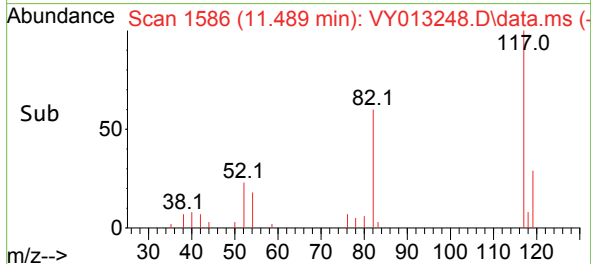
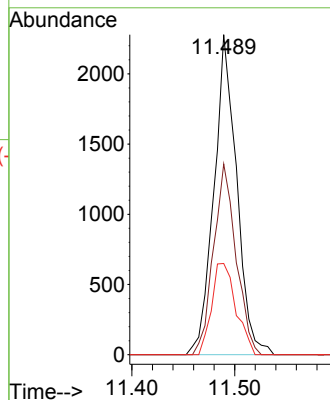
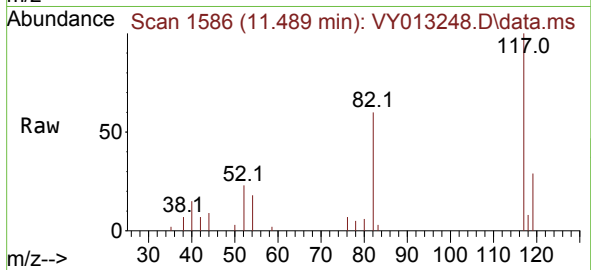




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

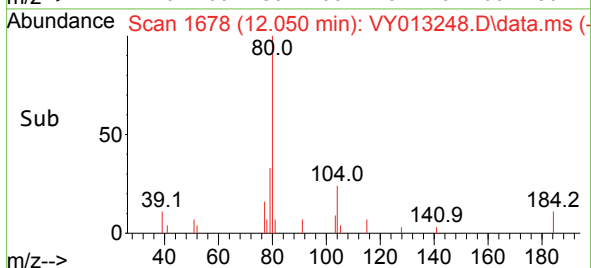
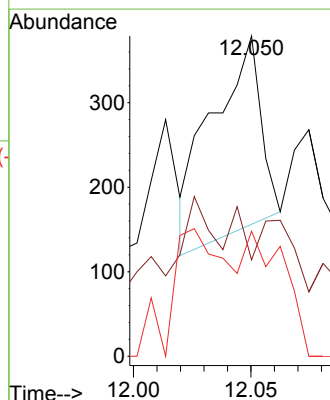
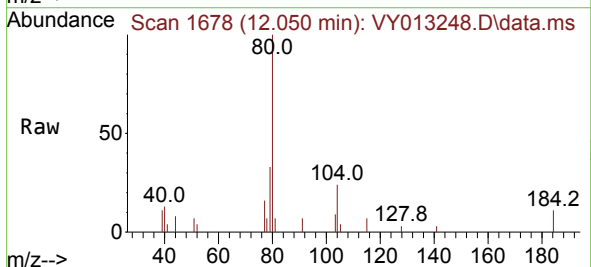
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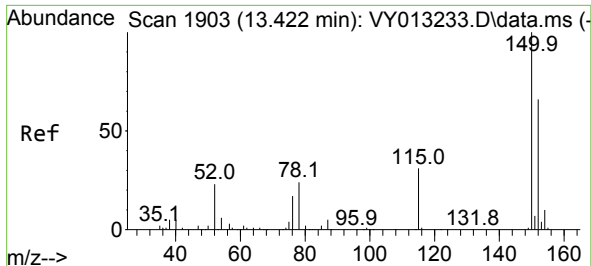
Tgt Ion:117 Resp: 3492
Ion Ratio Lower Upper
117 100
82 59.6 45.4 68.0
119 28.5 25.6 38.4



#70
Styrene
Concen: 4.758 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

Tgt Ion:104 Resp: 339
Ion Ratio Lower Upper
104 100
78 0.0 39.2 58.8#
103 0.0 43.7 65.5#

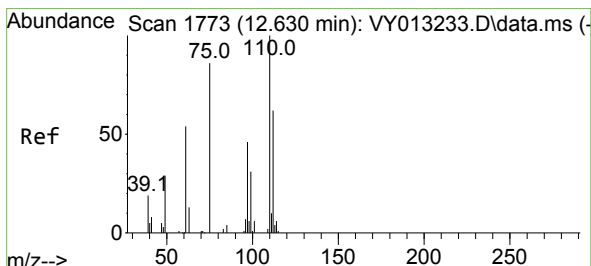
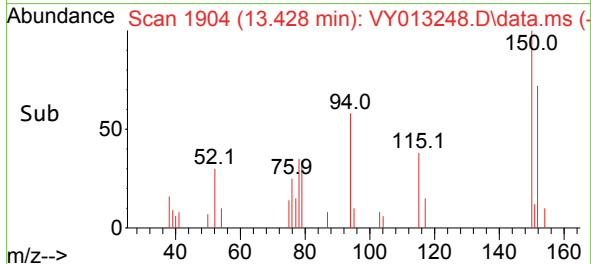
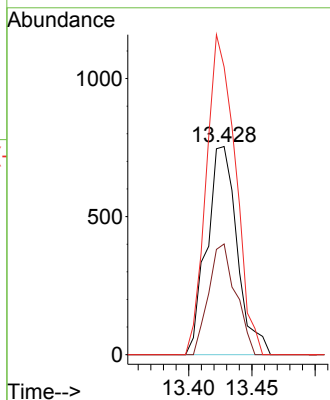
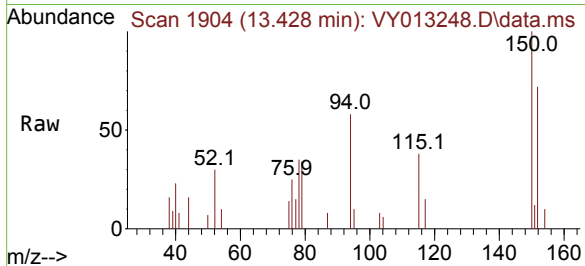




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY013248.D
 Acq: 11 Apr 2023 17:23

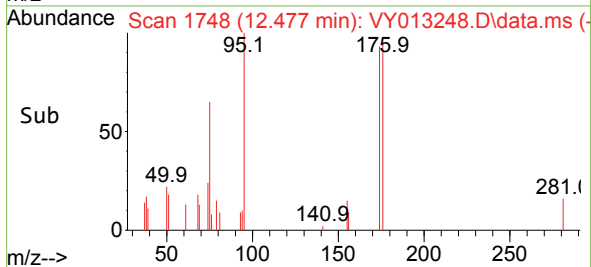
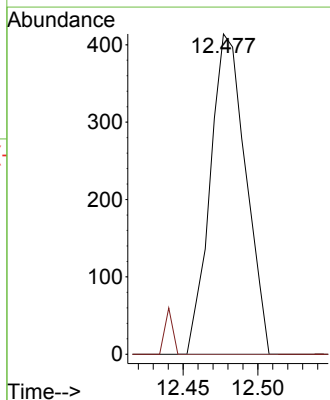
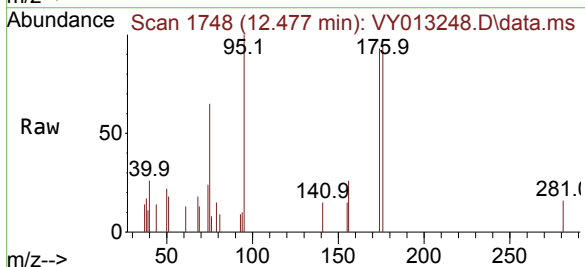
Instrument :
 MSVOA_Y
 ClientSampleId :
 ELI-SOLID-0407

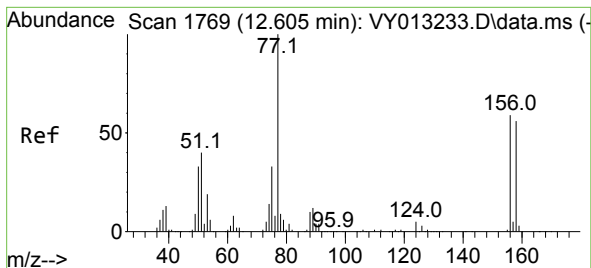
Tgt Ion:152 Resp: 1255
 Ion Ratio Lower Upper
 152 100
 115 47.6 27.1 81.3
 150 147.9 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 44.778 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY013248.D
 Acq: 11 Apr 2023 17:23

Tgt Ion: 75 Resp: 684
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.091 ug/l

RT: 12.520 min Scan# 11

Delta R.T. -0.085 min

Lab File: VY013248.D

Acq: 11 Apr 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

ELI-SOLID-0407

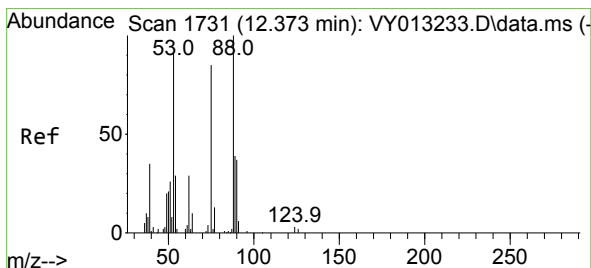
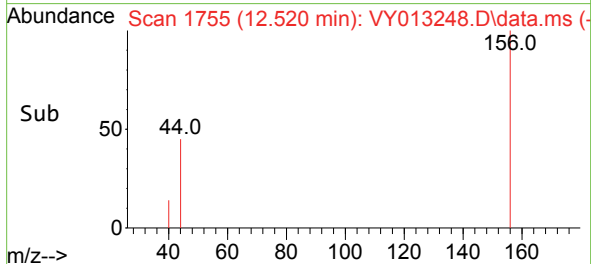
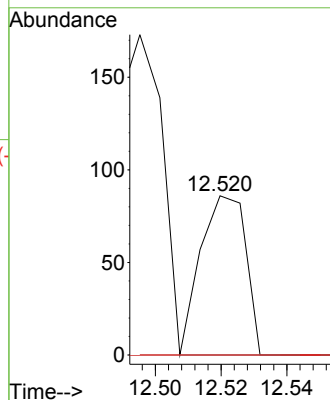
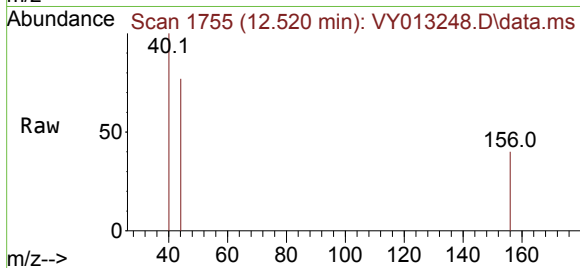
Tgt Ion:156 Resp: 82

Ion Ratio Lower Upper

156 100

77 0.0 94.0 282.1#

158 0.0 48.1 144.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.342 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY013248.D

Acq: 11 Apr 2023 17:23

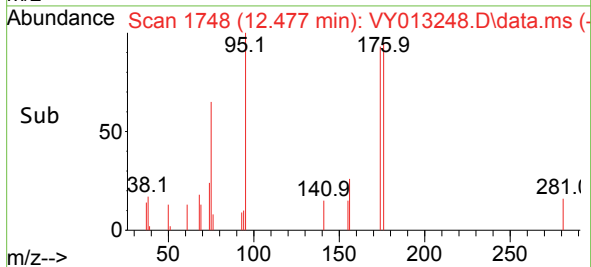
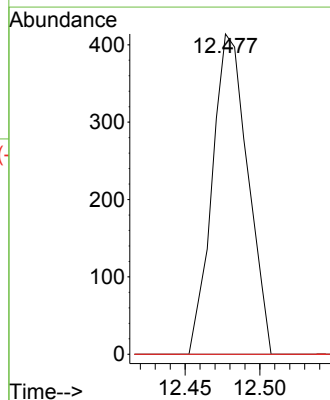
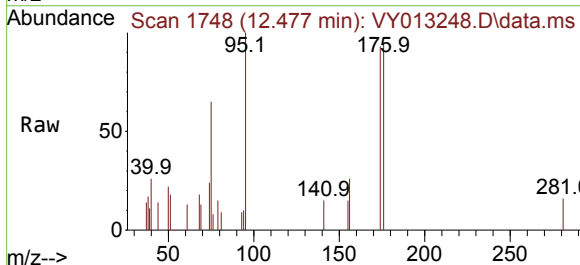
Tgt Ion: 75 Resp: 684

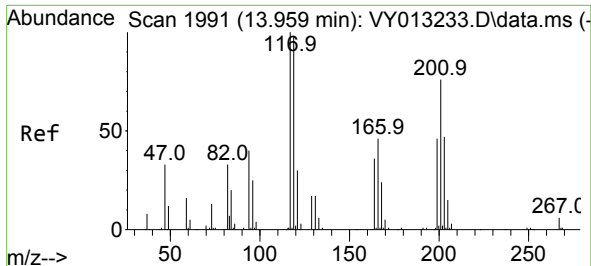
Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.0#

89 0.0 36.6 55.0#

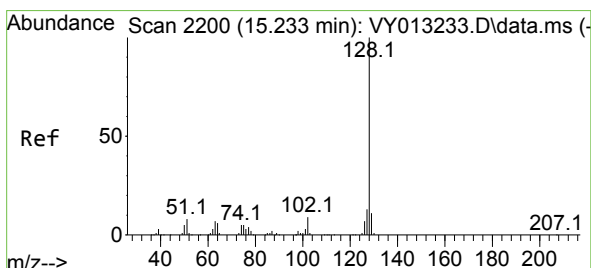
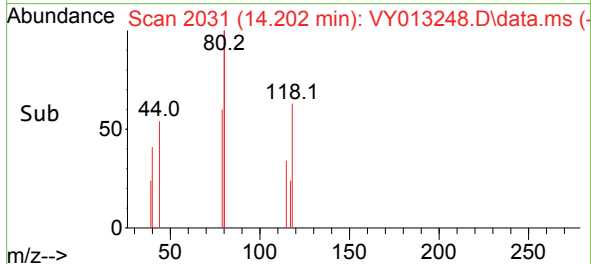
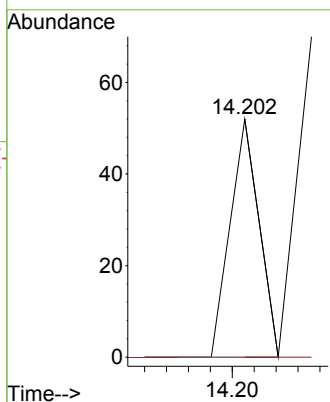
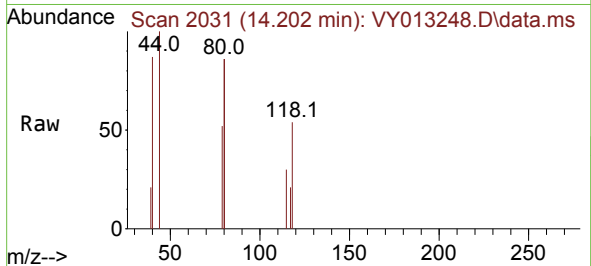




#90
Hexachloroethane
Concen: 1.249 ug/l
RT: 14.202 min Scan# 201
Delta R.T. 0.243 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
ELI-SOLID-0407

Tgt Ion:117 Resp: 19
Ion Ratio Lower Upper
117 100
201 0.0 39.4 118.1#



#95
Naphthalene
Concen: 1.413 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

Tgt Ion:128 Resp: 71
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

