

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017260.D
 Acq On : 06 Feb 2024 13:28
 Operator : SY/MD
 Sample : P1318-02RE
 Misc : 6.64g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CO-11-GRID-2RE

Quant Time: Feb 07 00:07:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

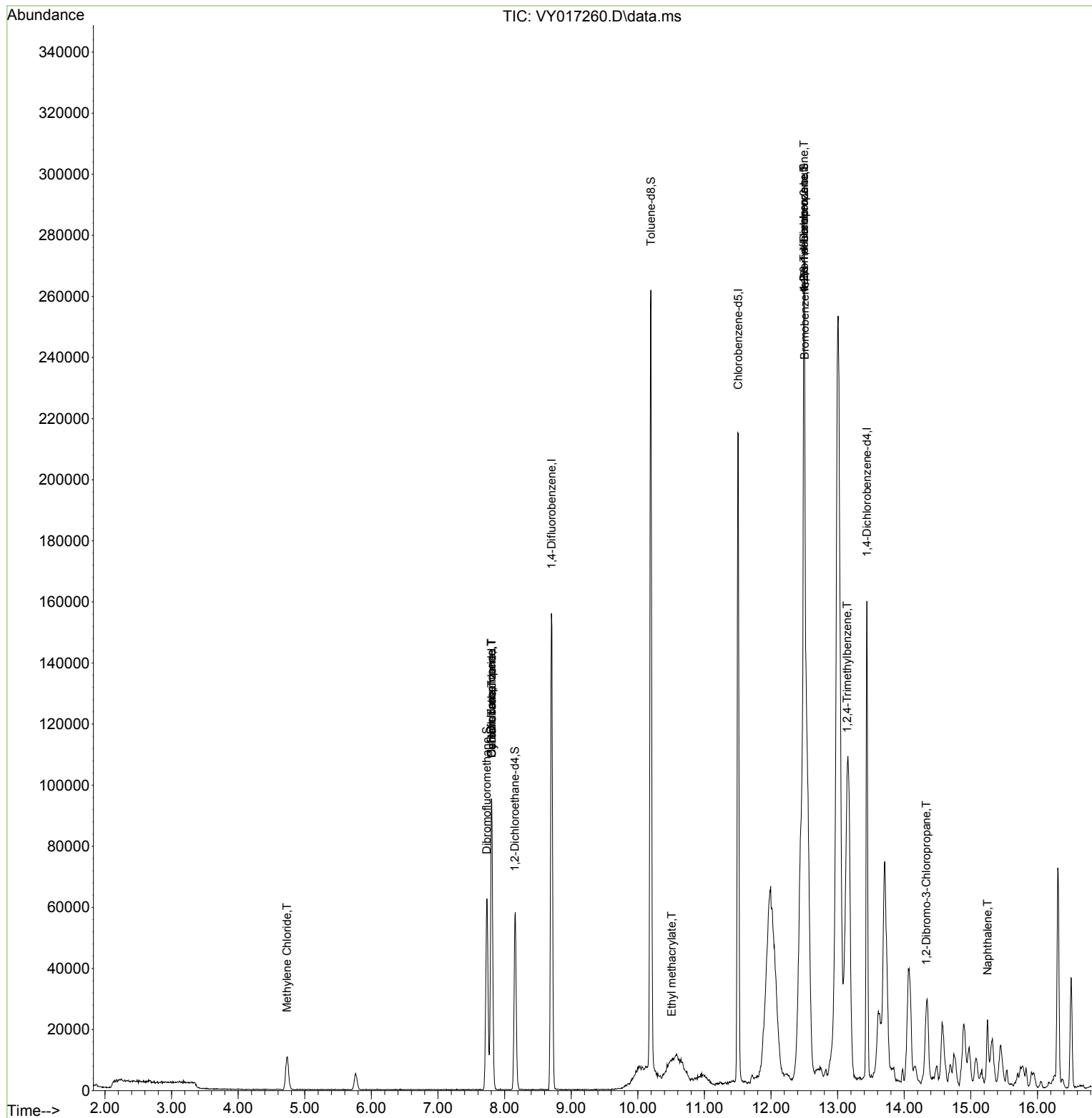
Internal Standards						
1) Pentafluorobenzene	7.807	168	72415	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	134968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	119692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	39444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	44911	69.424	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.840%	
35) Dibromofluoromethane	7.734	113	45210	62.038	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.080%	
50) Toluene-d8	10.197	98	169247	63.788	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 127.580%	
62) 4-Bromofluorobenzene	12.495	95	47194	54.298	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.600%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.735	84	8574	8.073	ug/l #	89
31) Cyclohexane	7.807	56	1683	1.291	ug/l #	11
36) 1,1-Dichloropropene	7.801	75	5974	4.752	ug/l #	49
38) Carbon Tetrachloride	7.807	117	7221	6.000	ug/l #	15
56) Ethyl methacrylate	10.508	69	107	3.120	ug/l #	69
76) 1,2,3-Trichloropropane	12.495	75	34933	95.953	ug/l #	100
77) Bromobenzene	12.508	156	253484	394.377	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.495	75	34934	199.384	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.142	105	2643	1.162	ug/l #	63
92) 1,2-Dibromo-3-Chloropr...	14.330	75	840	11.315	ug/l #	1
95) Naphthalene	15.251	128	13216	15.114	ug/l #	92

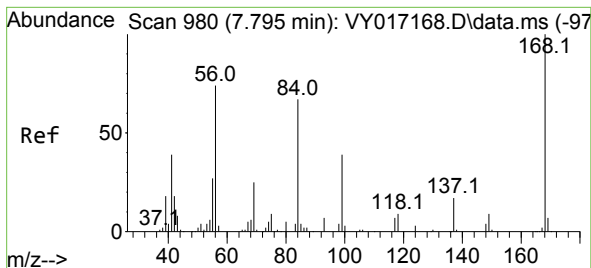
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.807 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY017260.D

Acq: 06 Feb 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

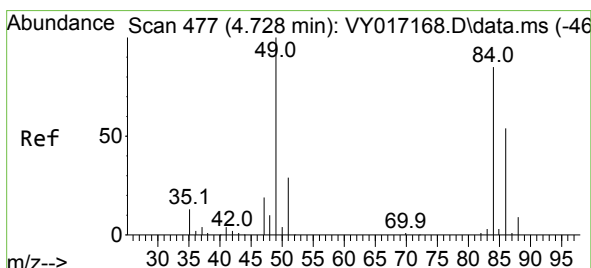
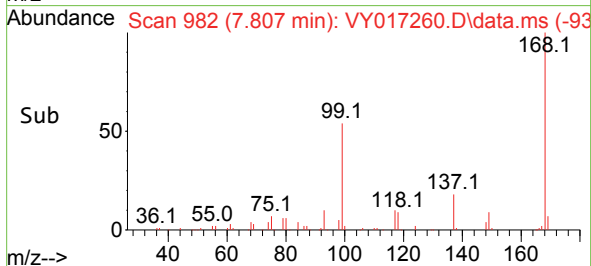
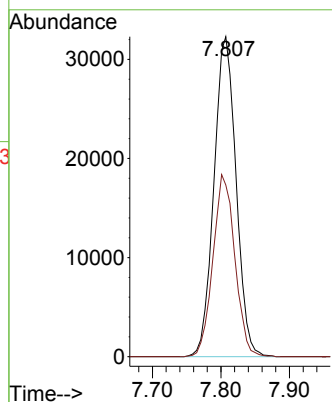
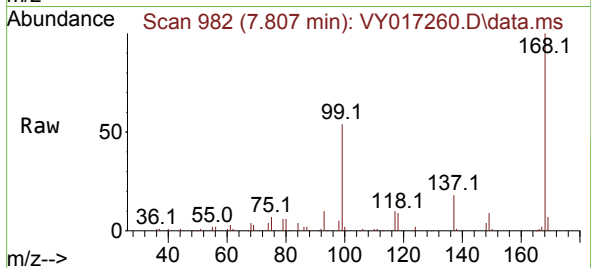
CO-11-GRID-2RE

Tgt Ion:168 Resp: 72415

Ion Ratio Lower Upper

168 100

99 53.7 44.2 66.4



#20

Methylene Chloride

Concen: 8.073 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.007 min

Lab File: VY017260.D

Acq: 06 Feb 2024 13:28

Tgt Ion: 84 Resp: 8574

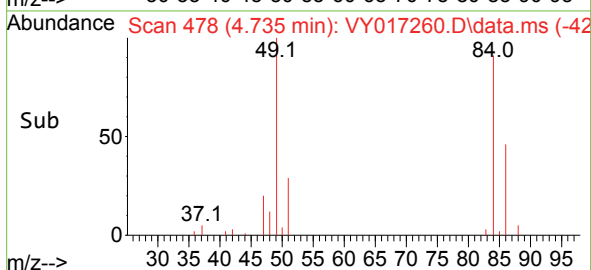
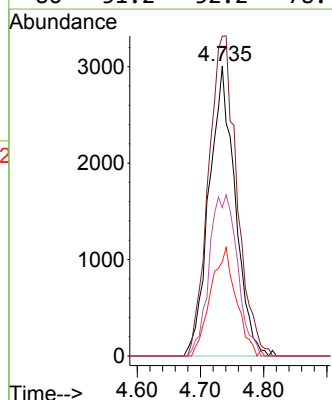
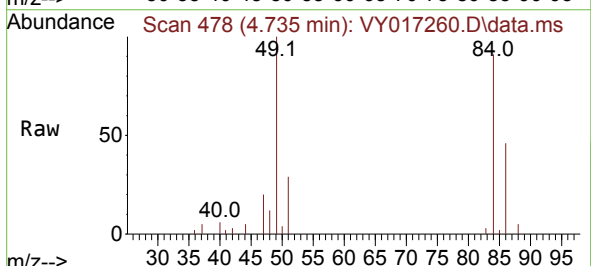
Ion Ratio Lower Upper

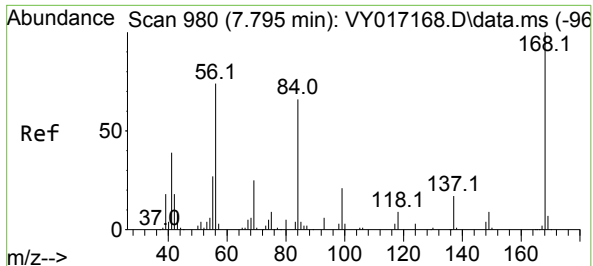
84 100

49 110.3 95.2 142.8

51 32.5 29.9 44.9

86 51.2 52.2 78.4#

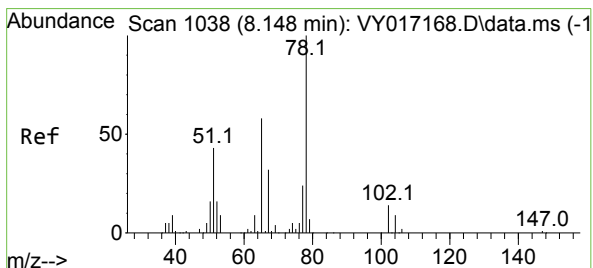
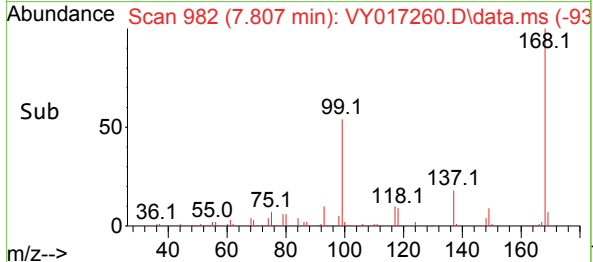
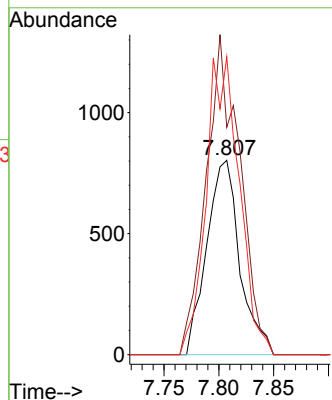
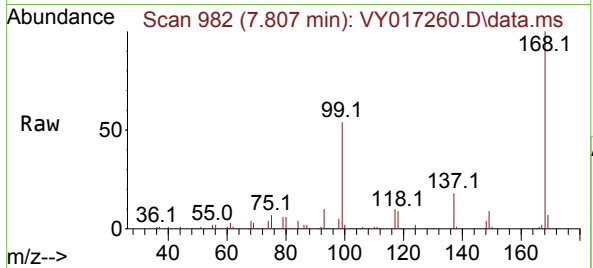




#31
Cyclohexane
Concen: 1.291 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017260.D
Acq: 06 Feb 2024 13:28

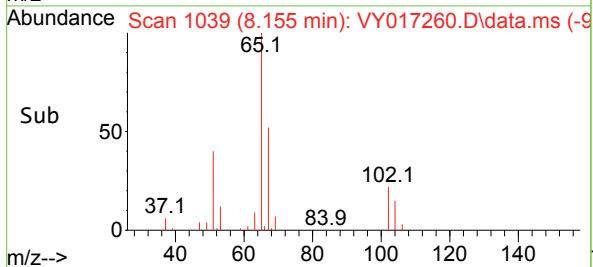
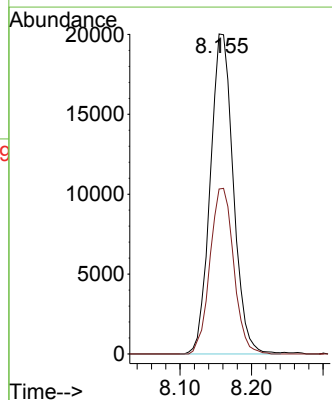
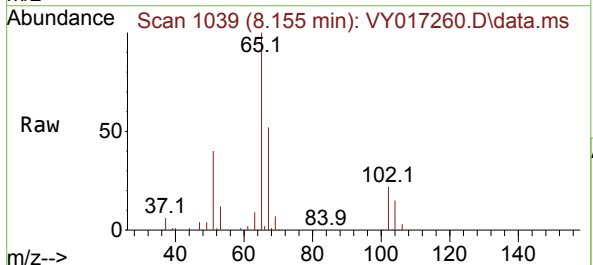
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MSVOA_Y
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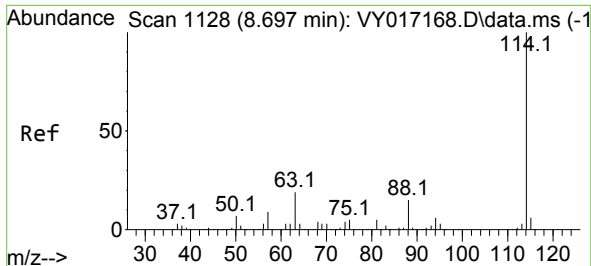
Tgt Ion: 56 Resp: 1683
Ion Ratio Lower Upper
56 100
69 116.9 27.0 40.6#
84 153.3 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 69.424 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY017260.D
Acq: 06 Feb 2024 13:28

Tgt Ion: 65 Resp: 44911
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.0

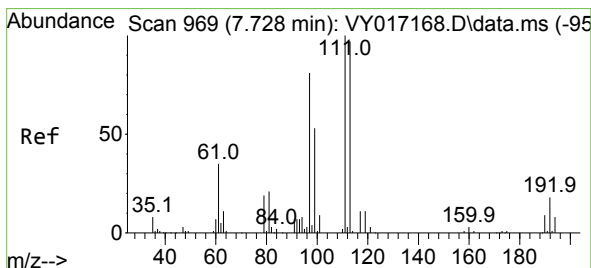
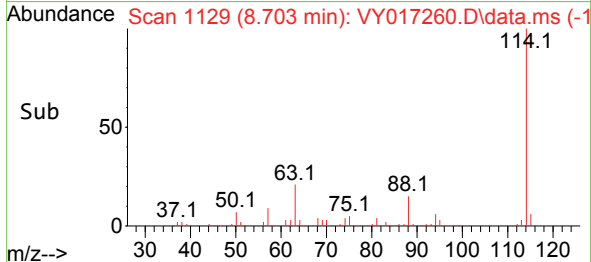
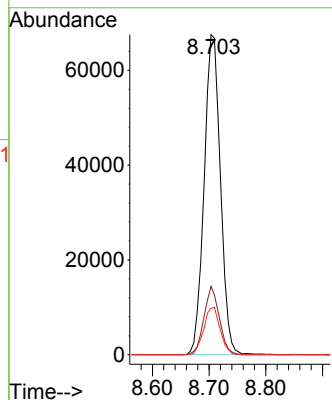
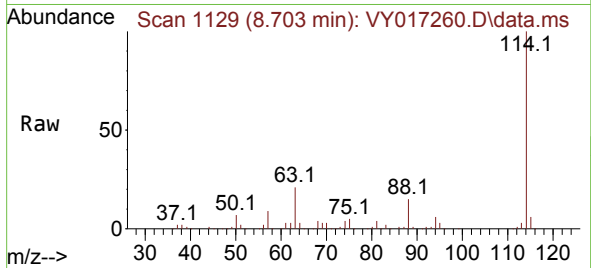




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY017260.D
Acq: 06 Feb 2024 13:28

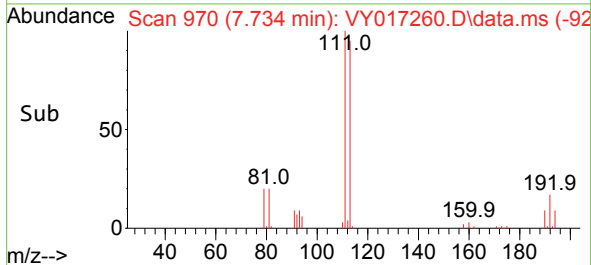
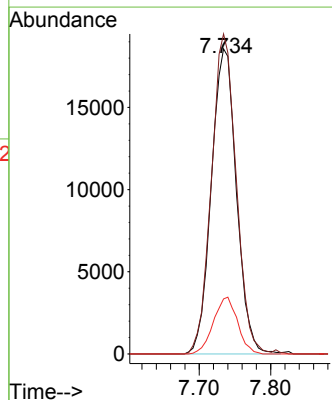
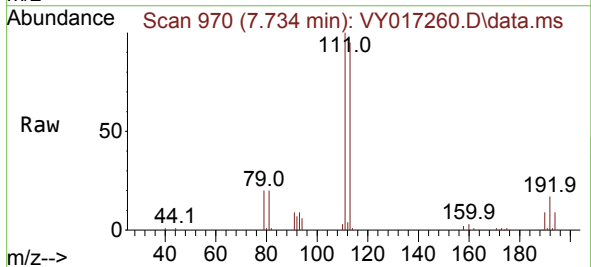
Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-2RE

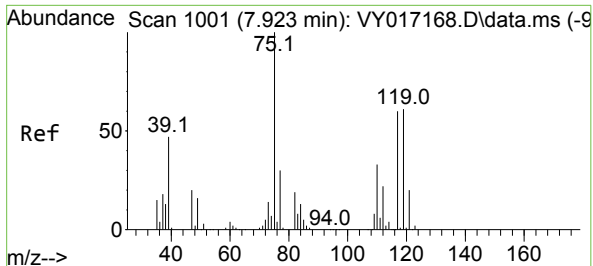
Tgt Ion:114 Resp: 134968
Ion Ratio Lower Upper
114 100
63 21.3 0.0 37.4
88 14.5 0.0 29.0



#35
Dibromofluoromethane
Concen: 62.038 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY017260.D
Acq: 06 Feb 2024 13:28

Tgt Ion:113 Resp: 45210
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 17.9 14.5 21.7

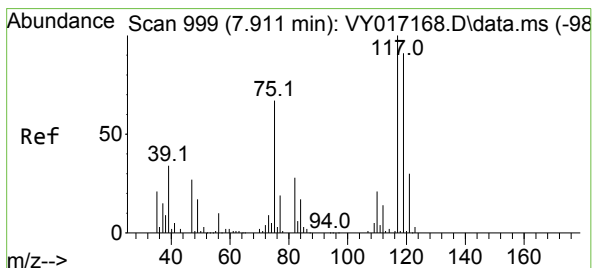
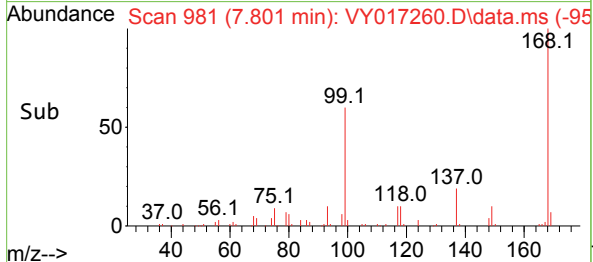
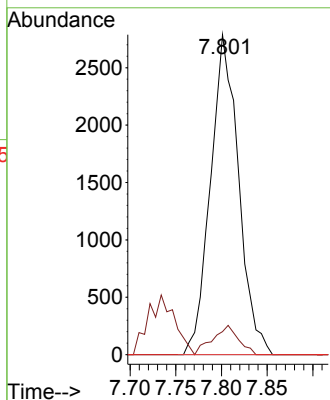
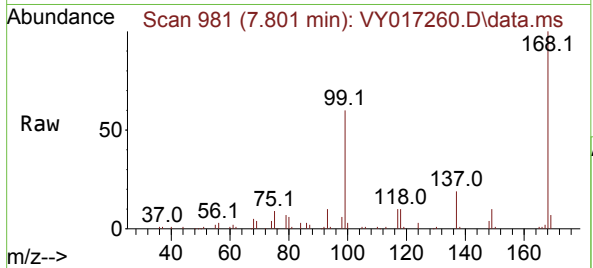




#36
1,1-Dichloropropene
Concen: 4.752 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY017260.D
Acq: 06 Feb 2024 13:28

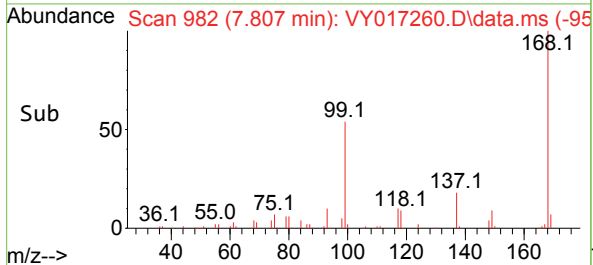
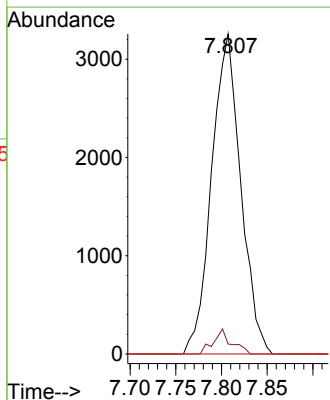
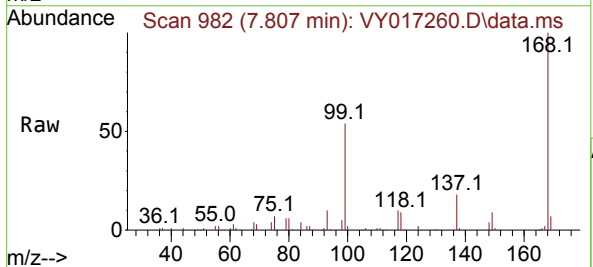
Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-2RE

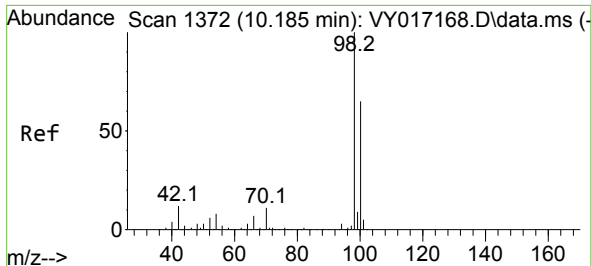
Tgt Ion: 75 Resp: 5974
Ion Ratio Lower Upper
75 100
110 8.4 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.000 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.103 min
Lab File: VY017260.D
Acq: 06 Feb 2024 13:28

Tgt Ion: 117 Resp: 7221
Ion Ratio Lower Upper
117 100
119 3.1 76.0 114.0#
121 0.0 24.2 36.2#

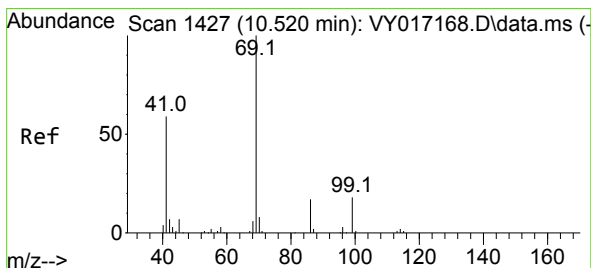
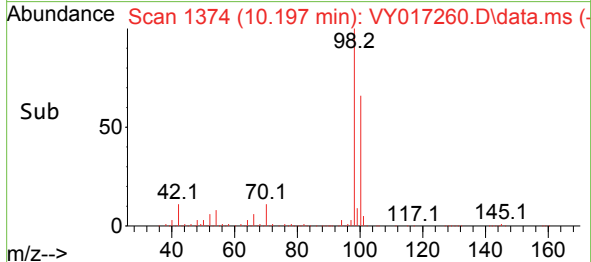
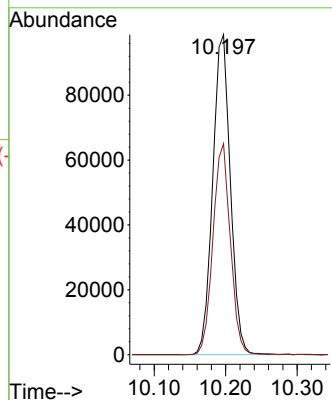
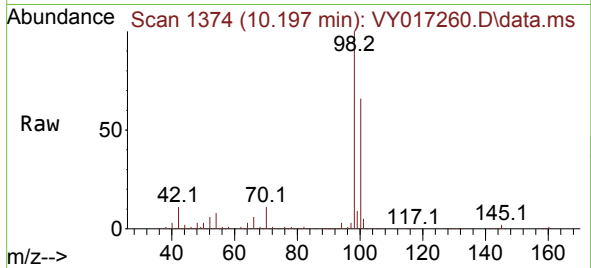




#50
Toluene-d8
Concen: 63.788 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017260.D
Acq: 06 Feb 2024 13:28

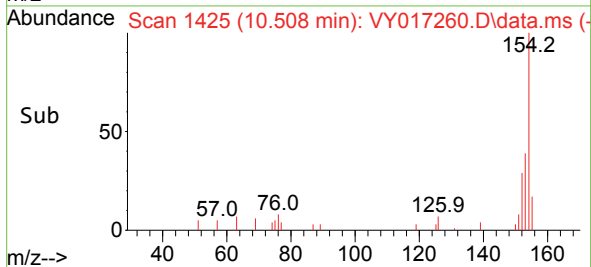
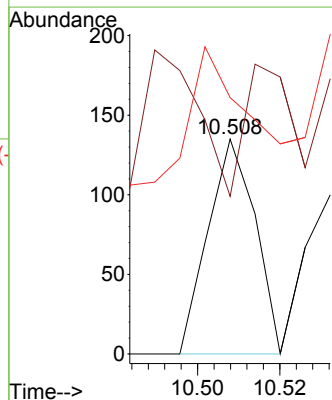
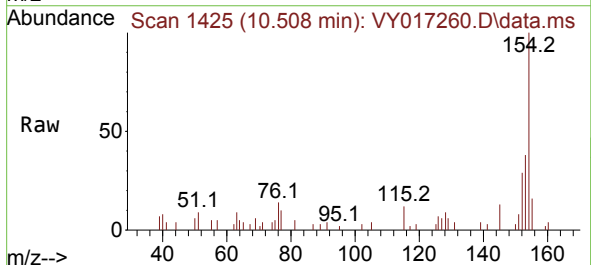
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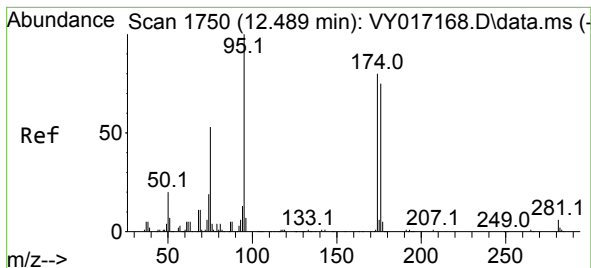
Tgt Ion: 98 Resp: 169247
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#56
Ethyl methacrylate
Concen: 3.120 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.012 min
Lab File: VY017260.D
Acq: 06 Feb 2024 13:28

Tgt Ion: 69 Resp: 107
Ion Ratio Lower Upper
69 100
41 65.4 49.2 73.8
39 77.6 26.8 40.2#

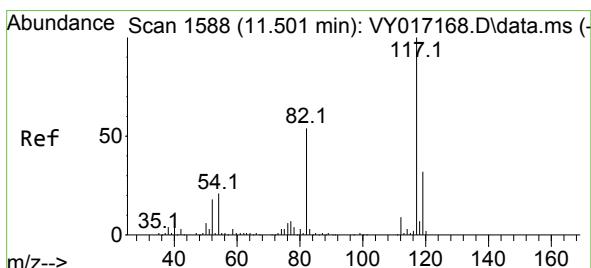
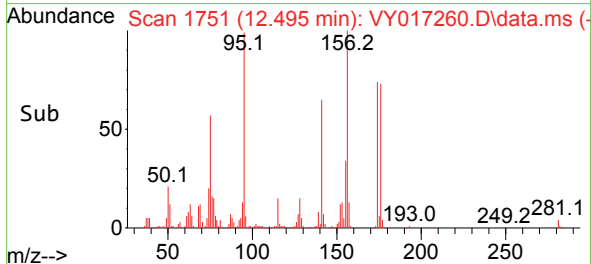
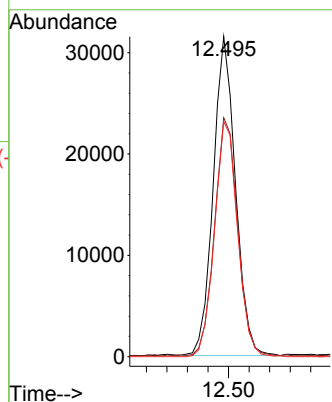
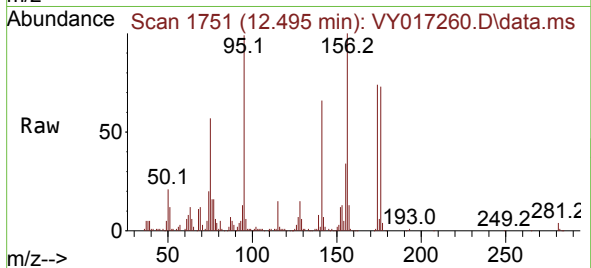




#62
4-Bromofluorobenzene
Concen: 54.298 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017260.D
Acq: 06 Feb 2024 13:28

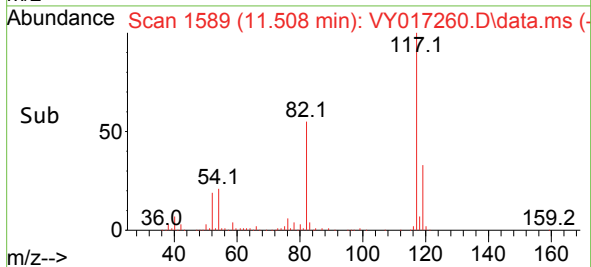
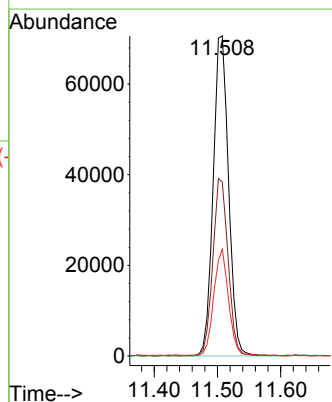
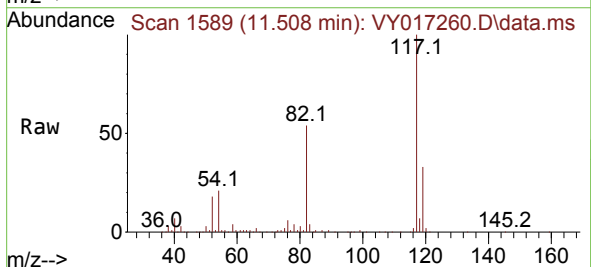
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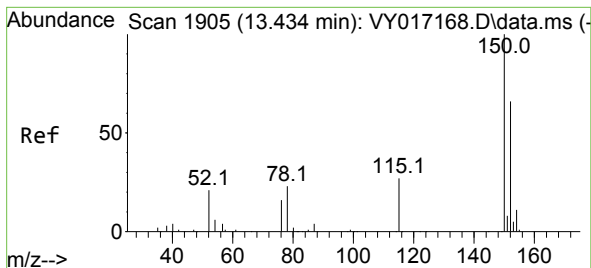
Tgt Ion:	95	Resp:	47194
Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	160.0
176	76.2	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017260.D
Acq: 06 Feb 2024 13:28

Tgt Ion:	117	Resp:	119692
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.8	65.8
119	33.2	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017260.D

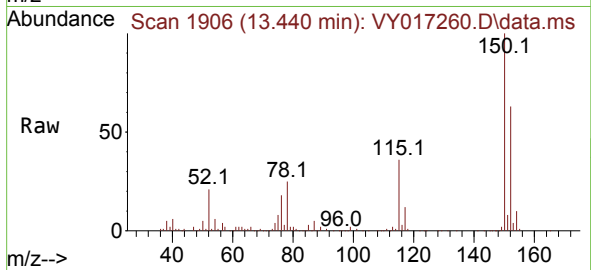
Acq: 06 Feb 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

CO-11-GRID-2RE



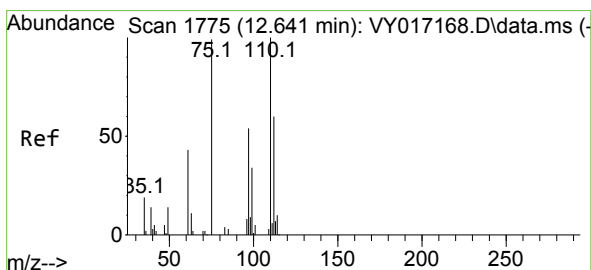
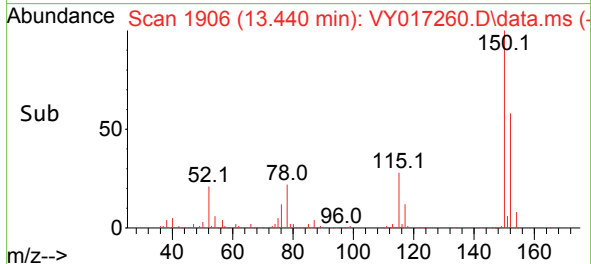
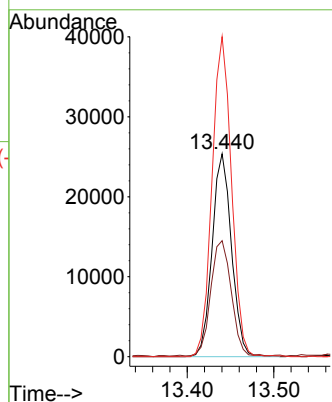
Tgt Ion:152 Resp: 39444

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 158.0 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 95.953 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.146 min

Lab File: VY017260.D

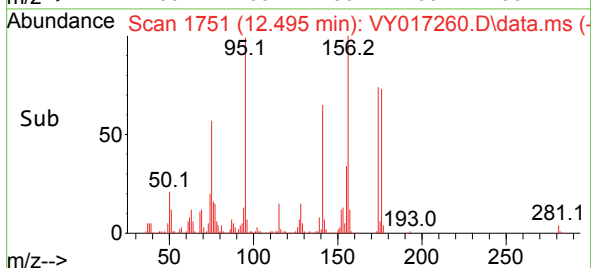
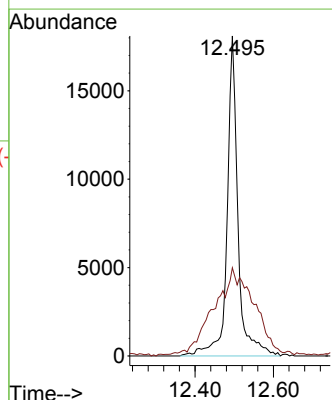
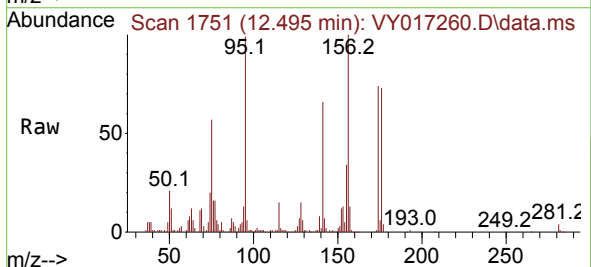
Acq: 06 Feb 2024 13:28

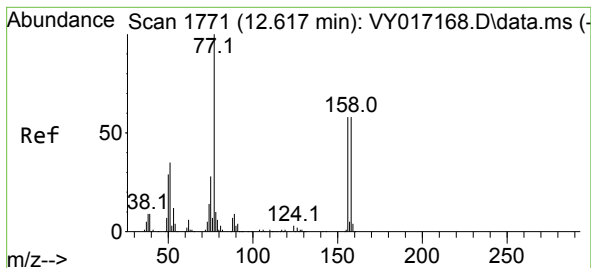
Tgt Ion: 75 Resp: 34933

Ion Ratio Lower Upper

75 100

77 94.1 0.0 0.0#





#77

Bromobenzene

Concen: 394.377 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. -0.109 min

Lab File: VY017260.D

Acq: 06 Feb 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

CO-11-GRID-2RE

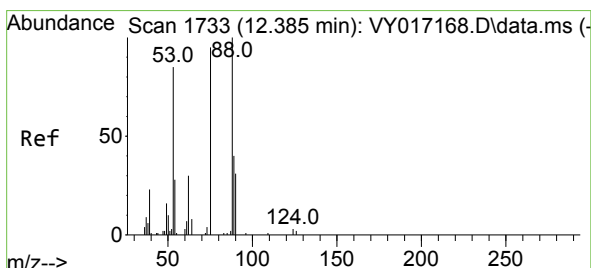
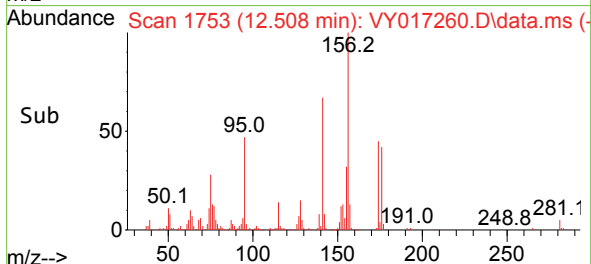
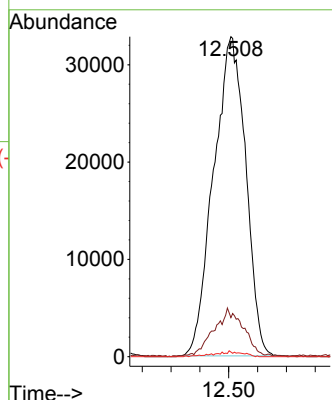
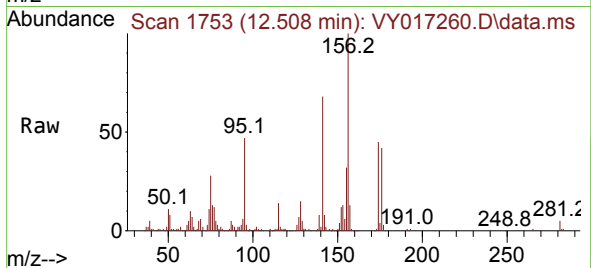
Tgt Ion:156 Resp: 253484

Ion Ratio Lower Upper

156 100

77 13.4 97.3 291.8#

158 0.1 48.4 145.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 199.384 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.110 min

Lab File: VY017260.D

Acq: 06 Feb 2024 13:28

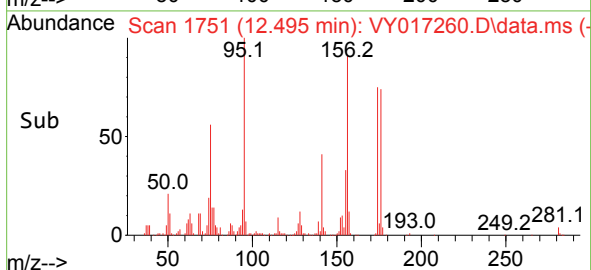
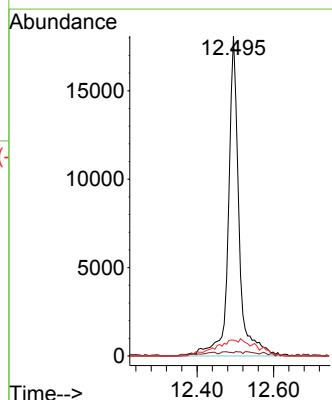
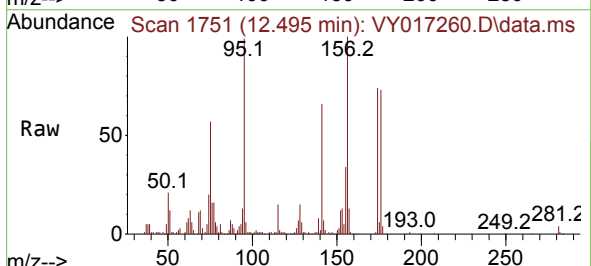
Tgt Ion: 75 Resp: 34934

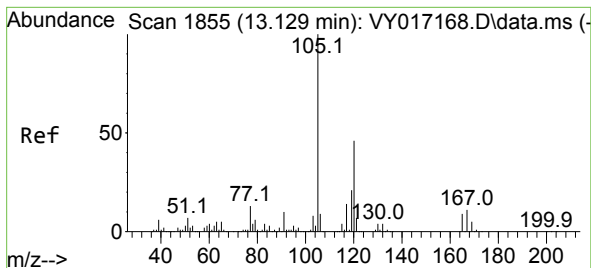
Ion Ratio Lower Upper

75 100

53 0.9 74.0 111.0#

89 11.1 36.5 54.7#





#84

1,2,4-Trimethylbenzene

Concen: 1.162 ug/l

RT: 13.142 min Scan# 1855

Delta R.T. 0.012 min

Lab File: VY017260.D

Acq: 06 Feb 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

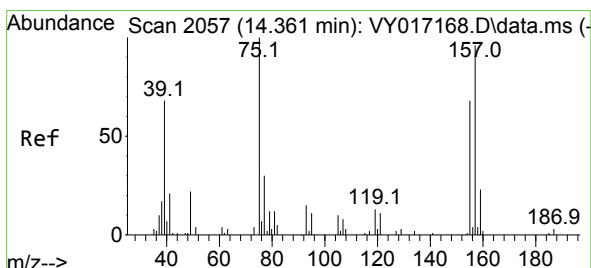
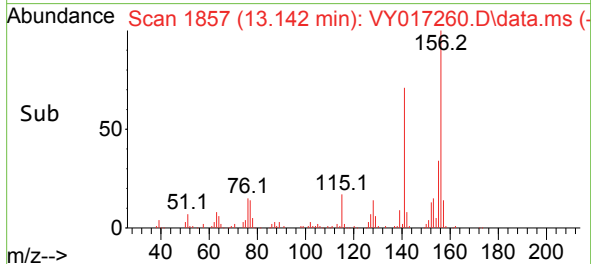
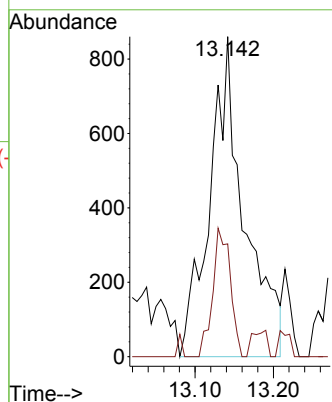
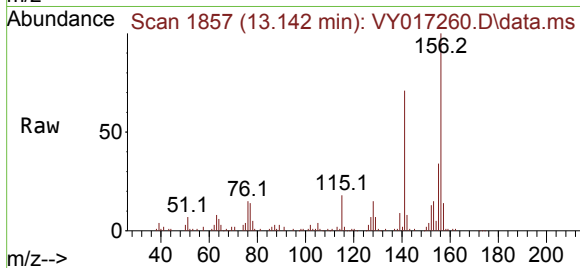
CO-11-GRID-2RE

Tgt Ion:105 Resp: 2643

Ion Ratio Lower Upper

105 100

120 20.4 22.1 66.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 11.315 ug/l

RT: 14.330 min Scan# 2052

Delta R.T. -0.030 min

Lab File: VY017260.D

Acq: 06 Feb 2024 13:28

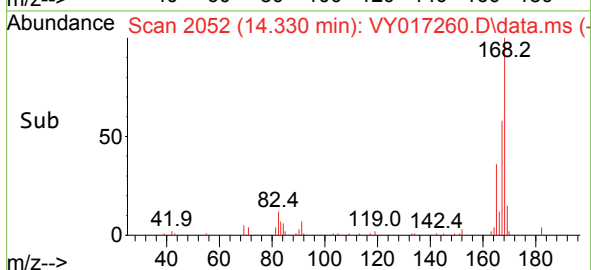
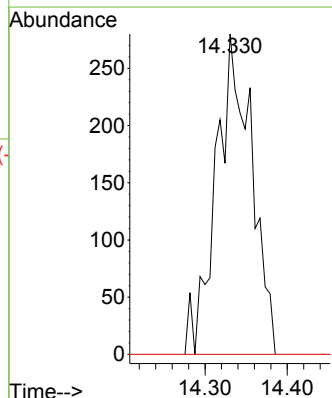
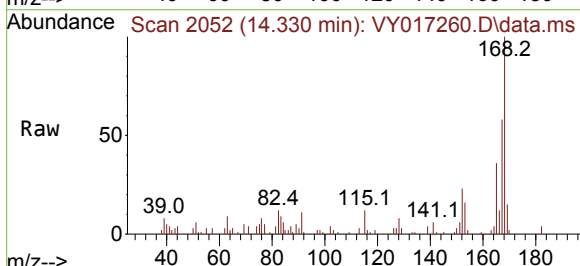
Tgt Ion: 75 Resp: 840

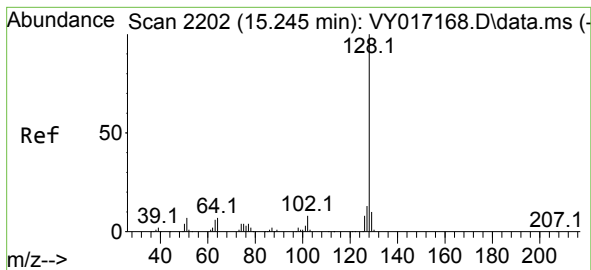
Ion Ratio Lower Upper

75 100

155 0.0 42.1 126.3#

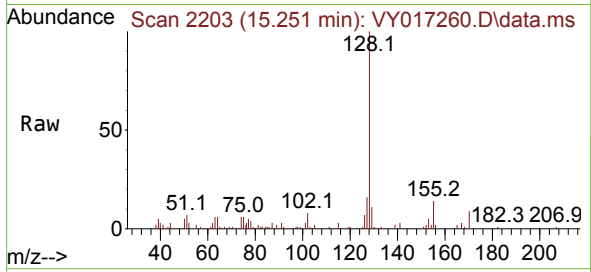
157 0.0 55.8 167.4#





#95
Naphthalene
Concen: 15.114 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017260.D
Acq: 06 Feb 2024 13:28

Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-2RE



Tgt Ion:128 Resp: 13216
Ion Ratio Lower Upper
128 100
127 15.7 10.2 15.4#
129 14.4 8.6 12.8#

