

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017215.D
 Acq On : 03 Feb 2024 04:52
 Operator : SY/MD
 Sample : P1318-01
 Misc : 8.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CO-11-GRID-1

Quant Time: Feb 03 05:12:07 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)

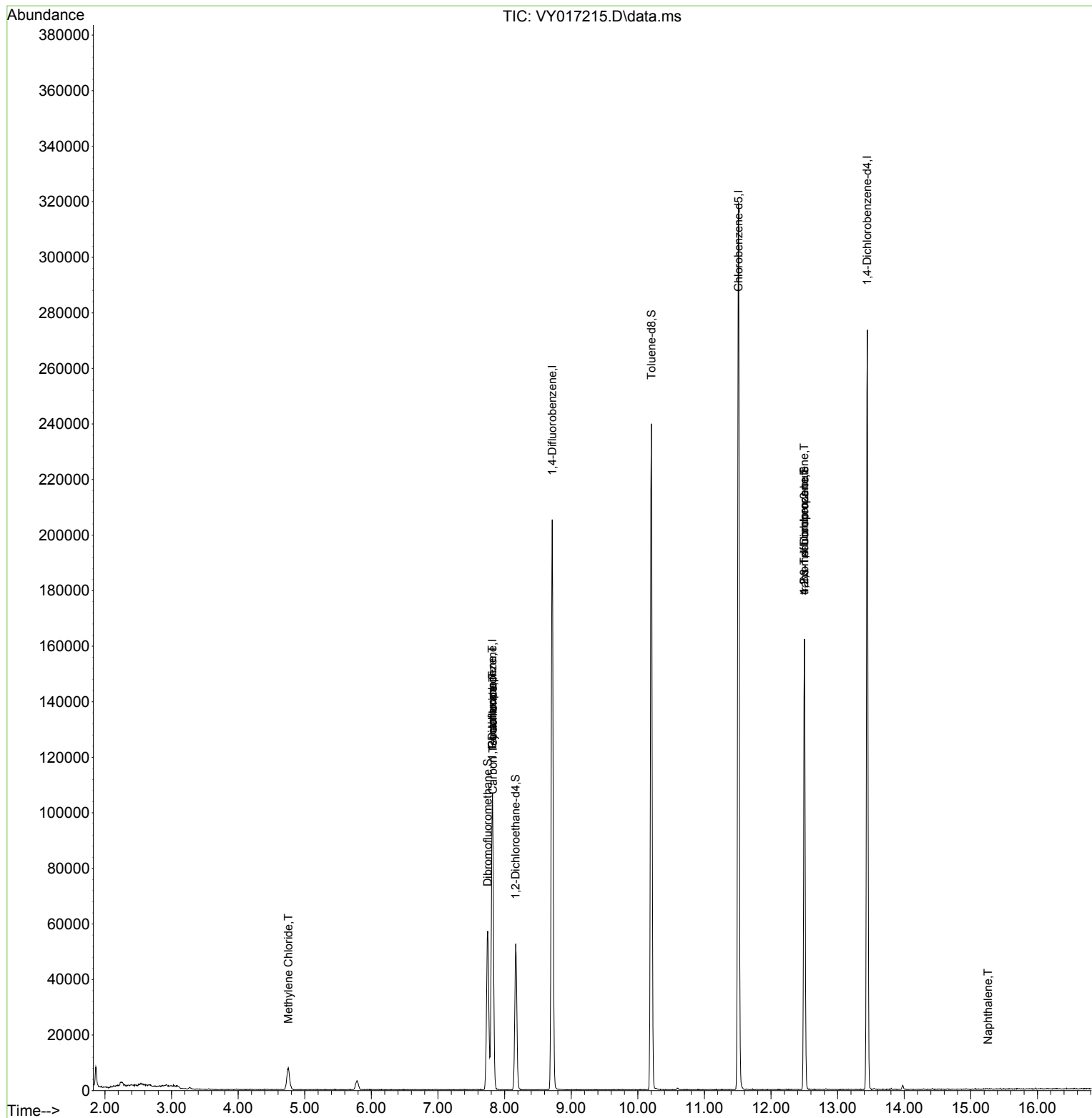
Internal Standards						
1) Pentafluorobenzene	7.819	168	81246	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	177363	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	176608	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	67836	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	40184	55.365	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.720%	
35) Dibromofluoromethane	7.746	113	42164	44.029	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.060%	
50) Toluene-d8	10.203	98	154968	44.445	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.900%	
62) 4-Bromofluorobenzene	12.501	95	49377	43.230	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.460%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.753	84	5996	3.613	ug/l	94
31) Cyclohexane	7.819	56	2064	1.411	ug/l #	13
36) 1,1-Dichloropropene	7.813	75	6907	4.181	ug/l #	49
38) Carbon Tetrachloride	7.825	117	8240	5.210	ug/l #	15
76) 1,2,3-Trichloropropane	12.501	75	26545	42.396	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	26545	88.094	ug/l #	12
95) Naphthalene	15.257	128	97	3.473	ug/l #	69

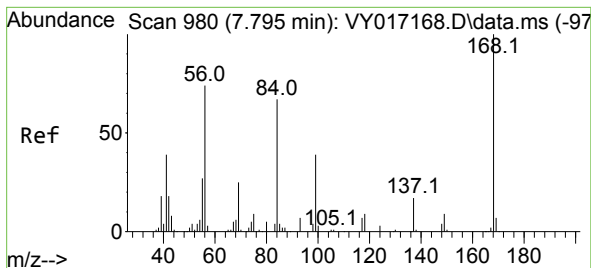
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.819 min Scan# 9

Delta R.T. 0.024 min

Lab File: VY017215.D

Acq: 03 Feb 2024 04:52

Instrument :

MSVOA_Y

ClientSampleId :

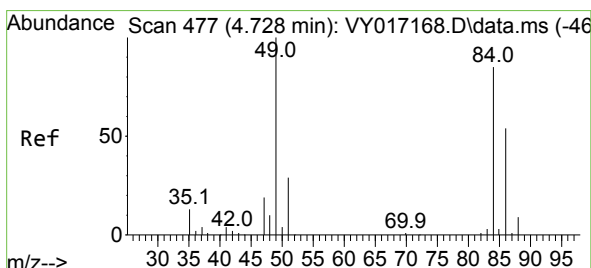
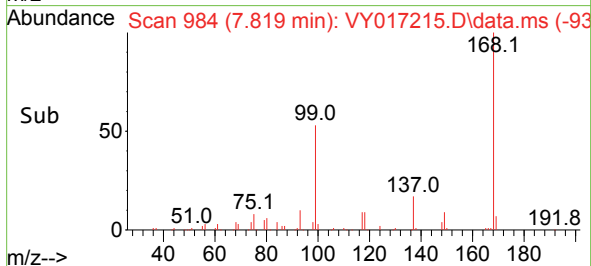
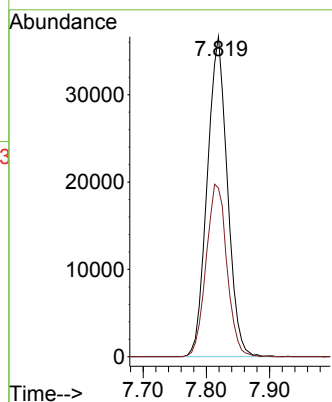
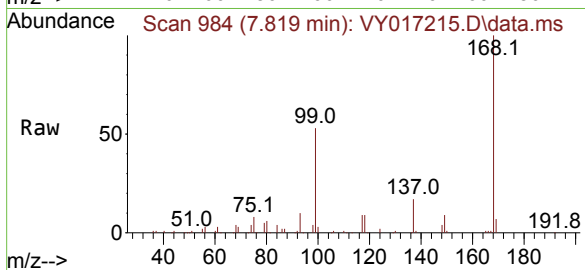
CO-11-GRID-1

Tgt Ion:168 Resp: 81246

Ion Ratio Lower Upper

168 100

99 52.7 44.2 66.4



#20

Methylene Chloride

Concen: 3.613 ug/l

RT: 4.753 min Scan# 481

Delta R.T. 0.025 min

Lab File: VY017215.D

Acq: 03 Feb 2024 04:52

Tgt Ion: 84 Resp: 5996

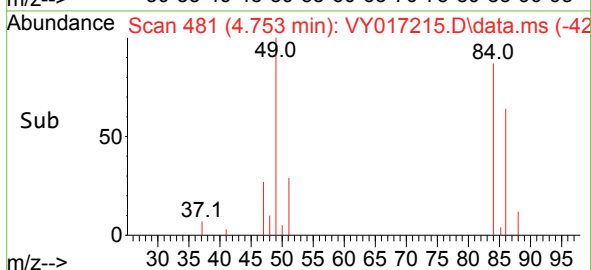
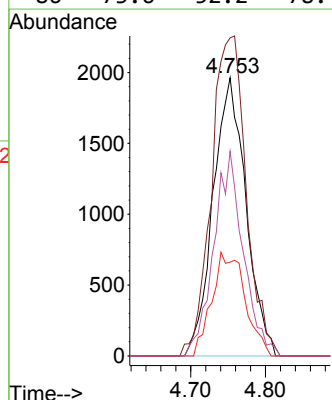
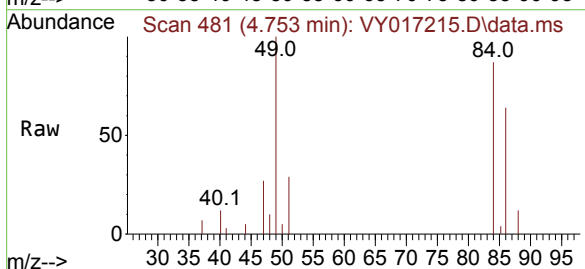
Ion Ratio Lower Upper

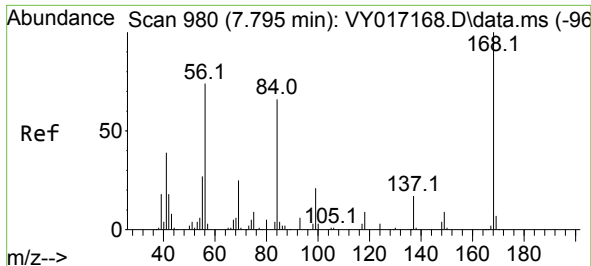
84 100

49 114.3 95.2 142.8

51 33.7 29.9 44.9

86 73.6 52.2 78.4

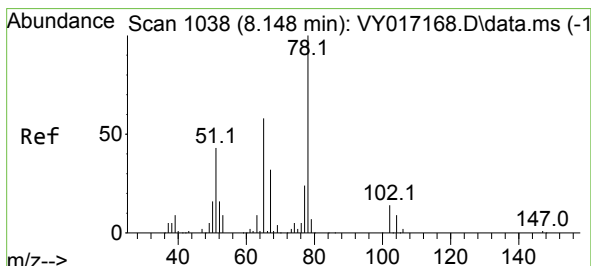
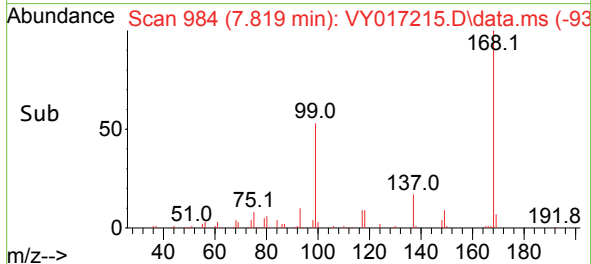
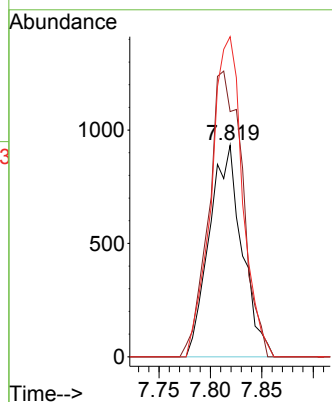
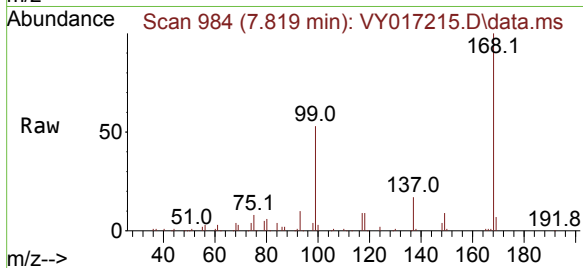




#31
Cyclohexane
Concen: 1.411 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017215.D
Acq: 03 Feb 2024 04:52

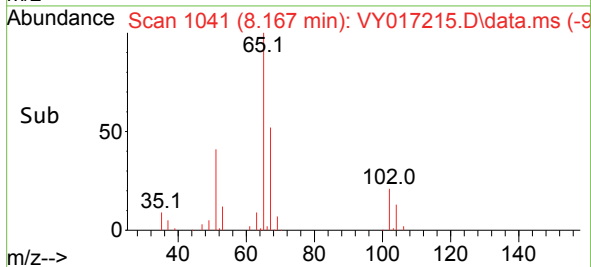
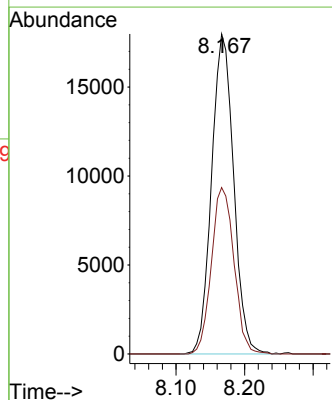
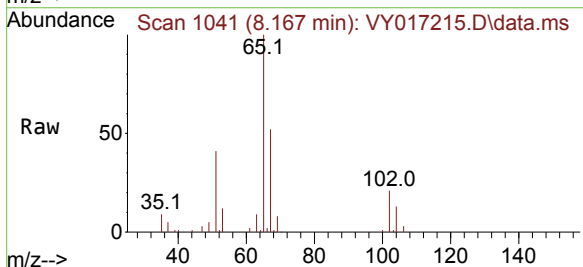
Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-1

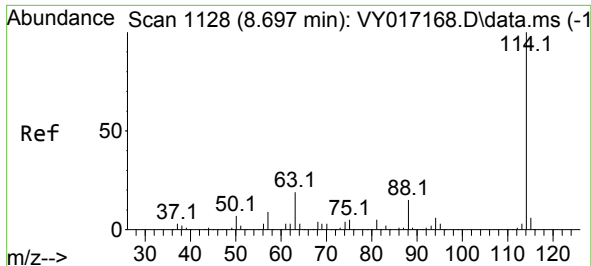
Tgt Ion: 56 Resp: 2064
Ion Ratio Lower Upper
56 100
69 116.0 27.0 40.6#
84 151.3 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 55.365 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.018 min
Lab File: VY017215.D
Acq: 03 Feb 2024 04:52

Tgt Ion: 65 Resp: 40184
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1128

Delta R.T. 0.018 min

Lab File: VY017215.D

Acq: 03 Feb 2024 04:52

Instrument :

MSVOA_Y

ClientSampleId :

CO-11-GRID-1

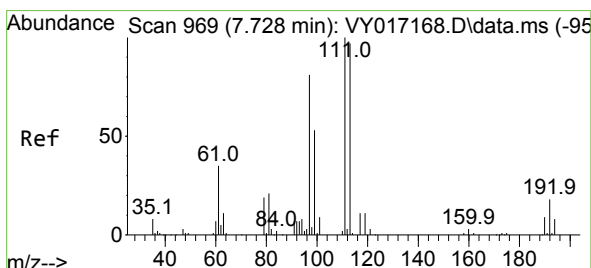
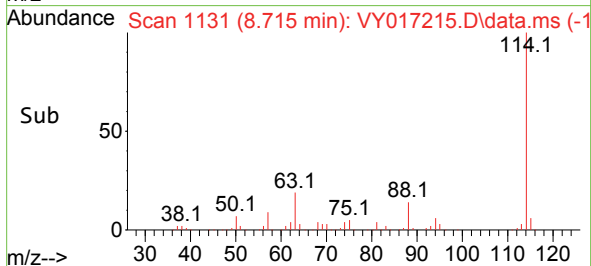
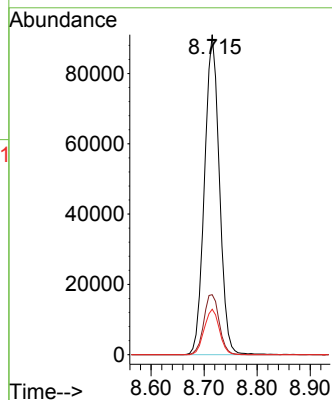
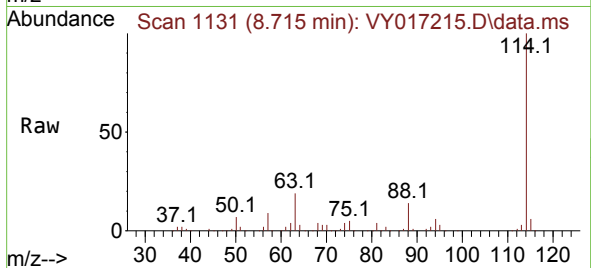
Tgt Ion:114 Resp: 177363

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 14.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.029 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY017215.D

Acq: 03 Feb 2024 04:52

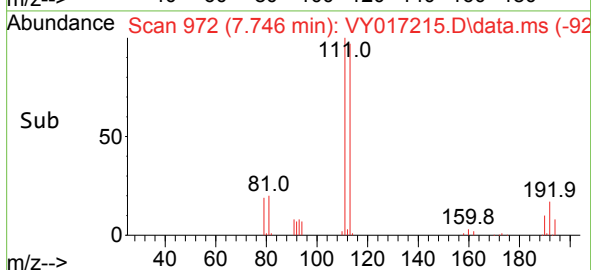
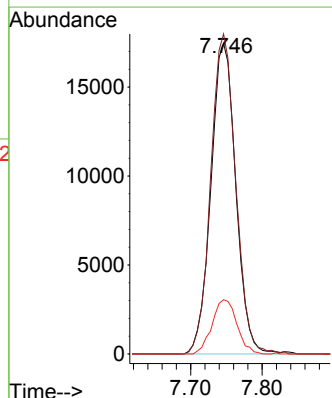
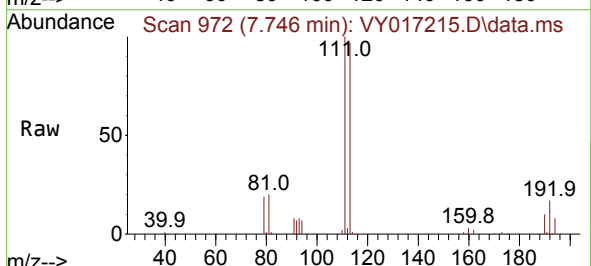
Tgt Ion:113 Resp: 42164

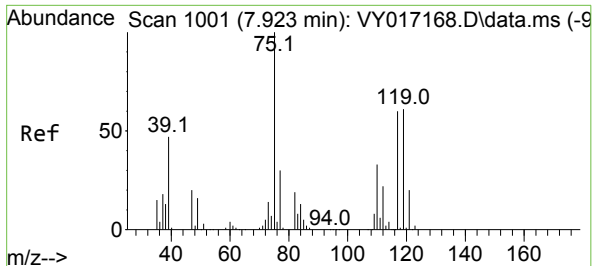
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 17.4 14.5 21.7

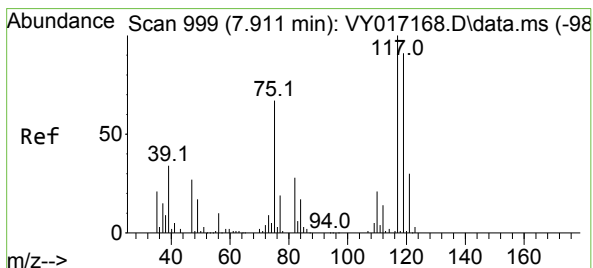
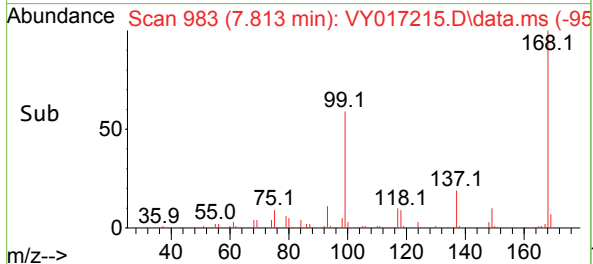
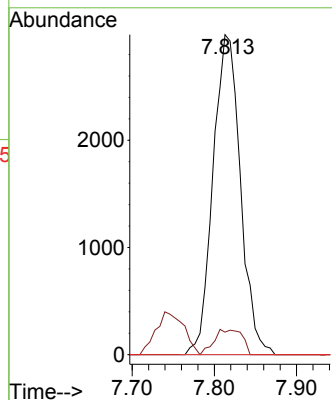
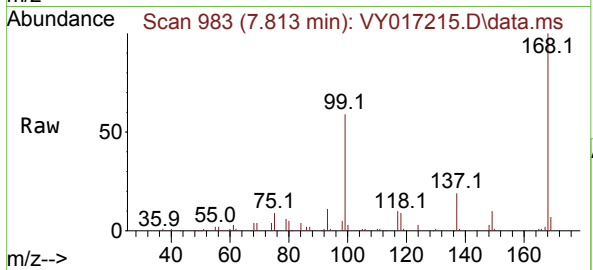




#36
1,1-Dichloropropene
Concen: 4.181 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017215.D
Acq: 03 Feb 2024 04:52

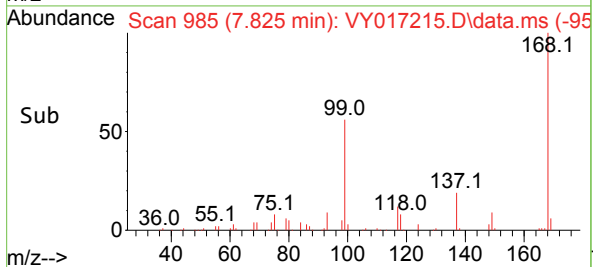
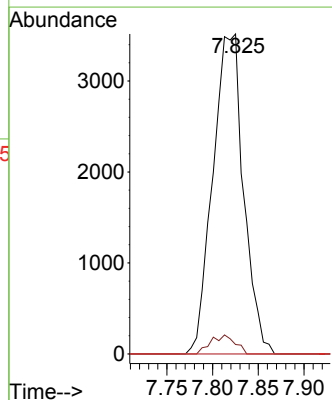
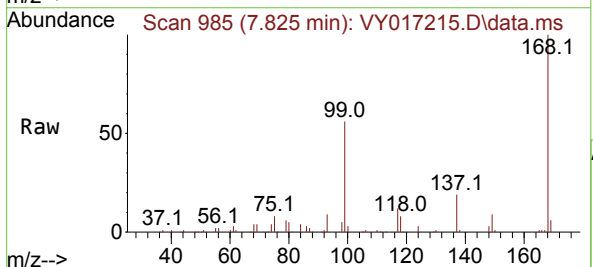
Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-1

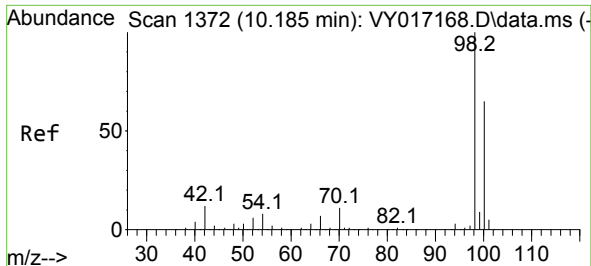
Tgt Ion: 75 Resp: 6907
Ion Ratio Lower Upper
75 100
110 8.0 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.210 ug/l
RT: 7.825 min Scan# 985
Delta R.T. -0.085 min
Lab File: VY017215.D
Acq: 03 Feb 2024 04:52

Tgt Ion: 117 Resp: 8240
Ion Ratio Lower Upper
117 100
119 2.9 76.0 114.0#
121 0.0 24.2 36.2#

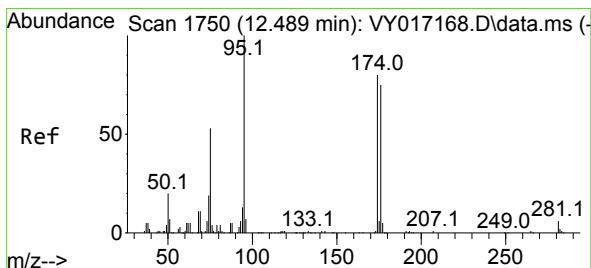
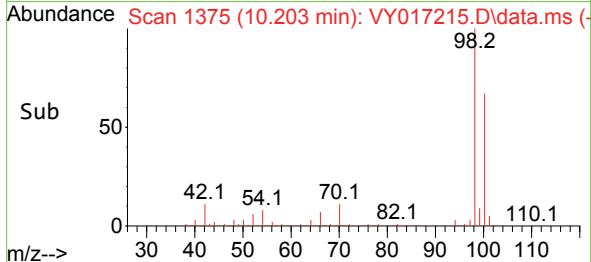
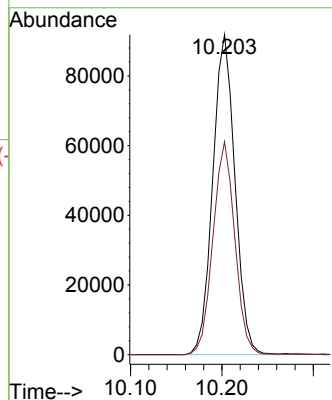
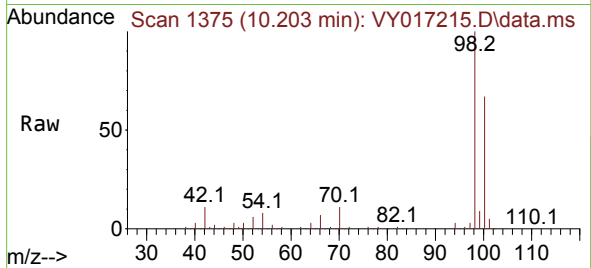




#50
Toluene-d8
Concen: 44.445 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017215.D
Acq: 03 Feb 2024 04:52

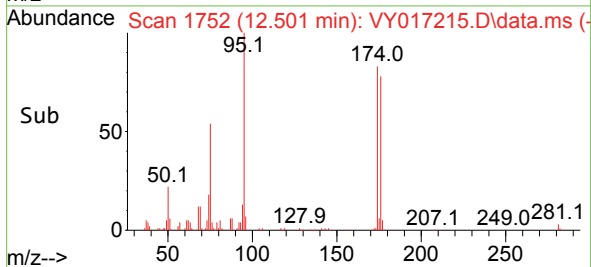
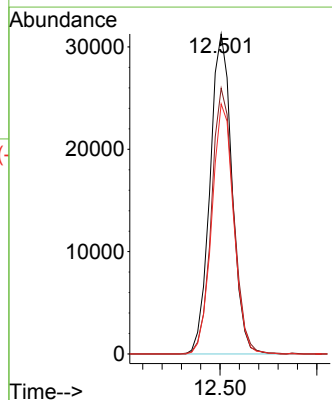
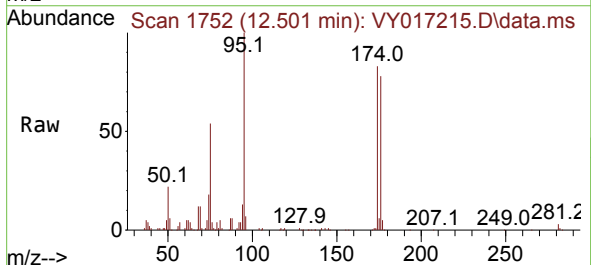
Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-1

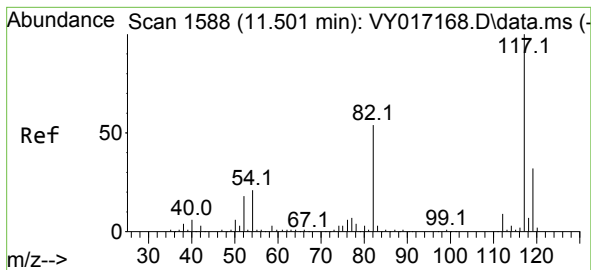
Tgt Ion: 98 Resp: 154968
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 43.230 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017215.D
Acq: 03 Feb 2024 04:52

Tgt Ion: 95 Resp: 49377
Ion Ratio Lower Upper
95 100
174 83.7 0.0 160.0
176 77.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017215.D

Acq: 03 Feb 2024 04:52

Instrument :

MSVOA_Y

ClientSampleId :

CO-11-GRID-1

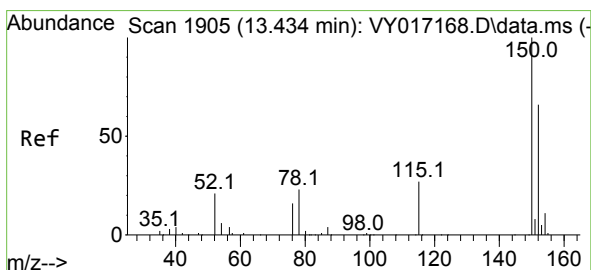
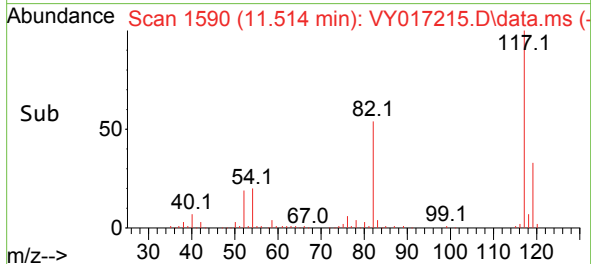
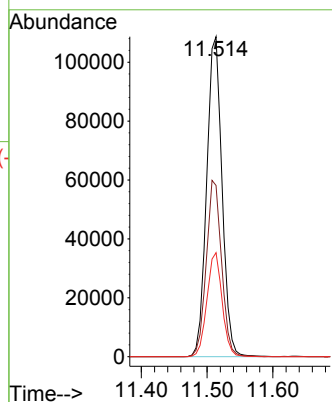
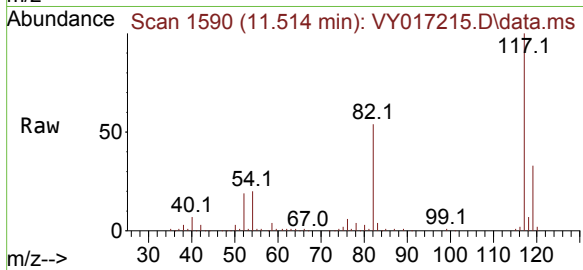
Tgt Ion:117 Resp: 176608

Ion Ratio Lower Upper

117 100

82 53.5 43.8 65.8

119 32.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017215.D

Acq: 03 Feb 2024 04:52

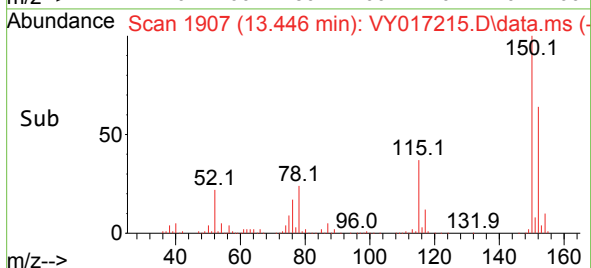
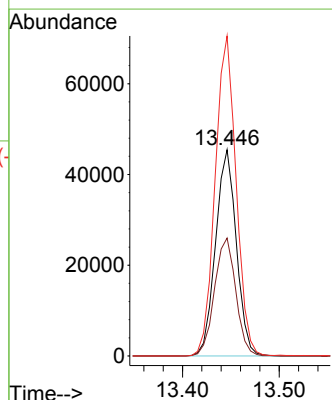
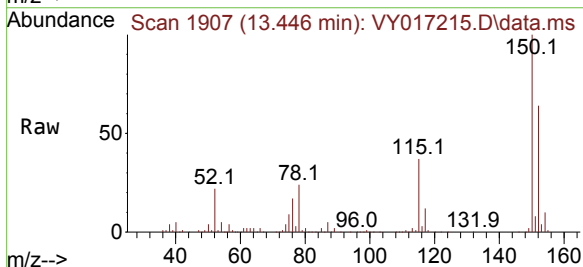
Tgt Ion:152 Resp: 67836

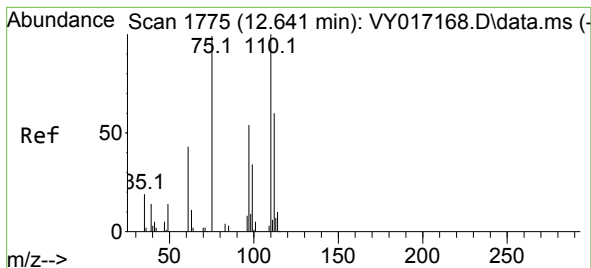
Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 156.6 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 42.396 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. -0.140 min

Lab File: VY017215.D

Acq: 03 Feb 2024 04:52

Instrument :

MSVOA_Y

ClientSampleId :

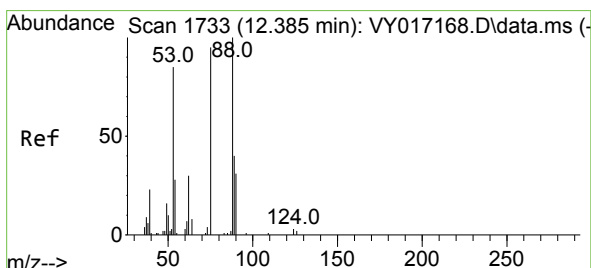
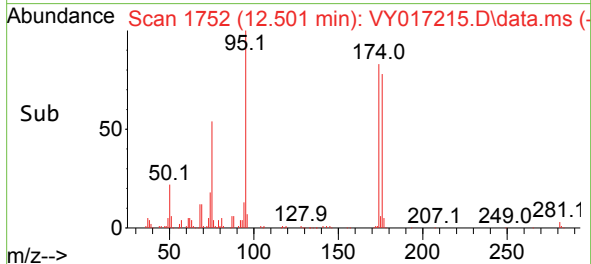
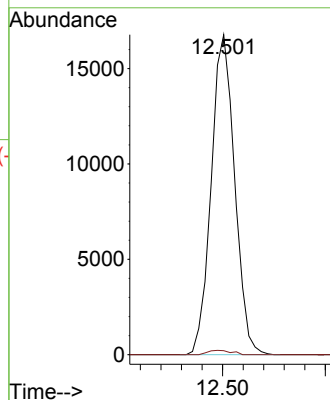
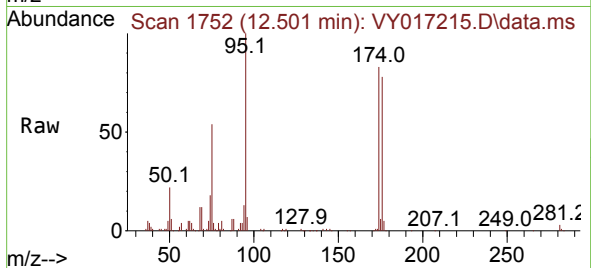
CO-11-GRID-1

Tgt Ion: 75 Resp: 26545

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.094 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.116 min

Lab File: VY017215.D

Acq: 03 Feb 2024 04:52

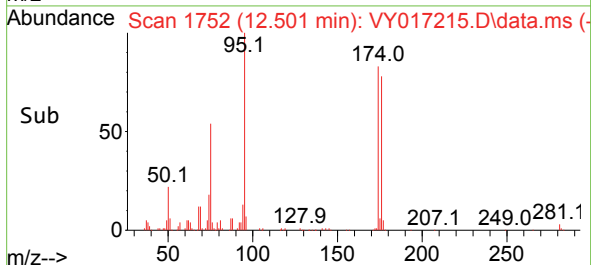
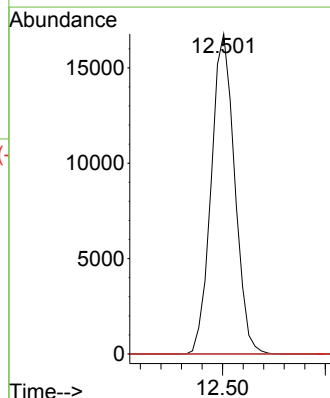
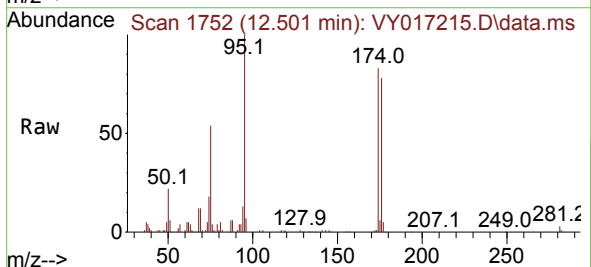
Tgt Ion: 75 Resp: 26545

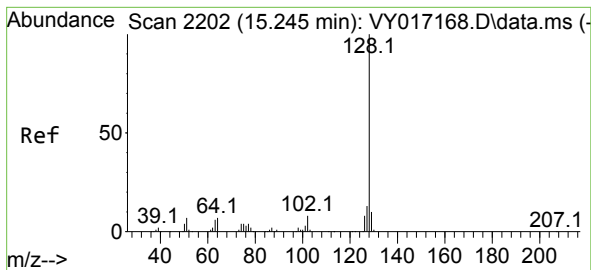
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

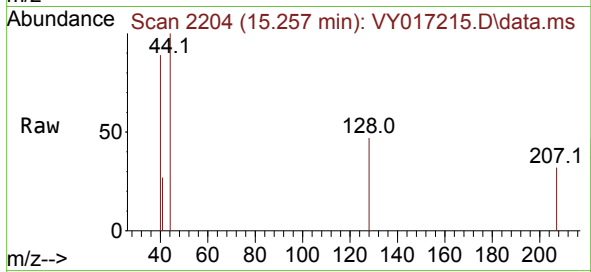
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.473 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY017215.D
Acq: 03 Feb 2024 04:52

Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-1



Tgt Ion:128 Resp: 97
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

