

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031424\
 Data File : VY017657.D
 Acq On : 14 Mar 2024 11:06
 Operator : SY/MD
 Sample : VY0314SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBL02

Quant Time: Mar 15 03:55:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

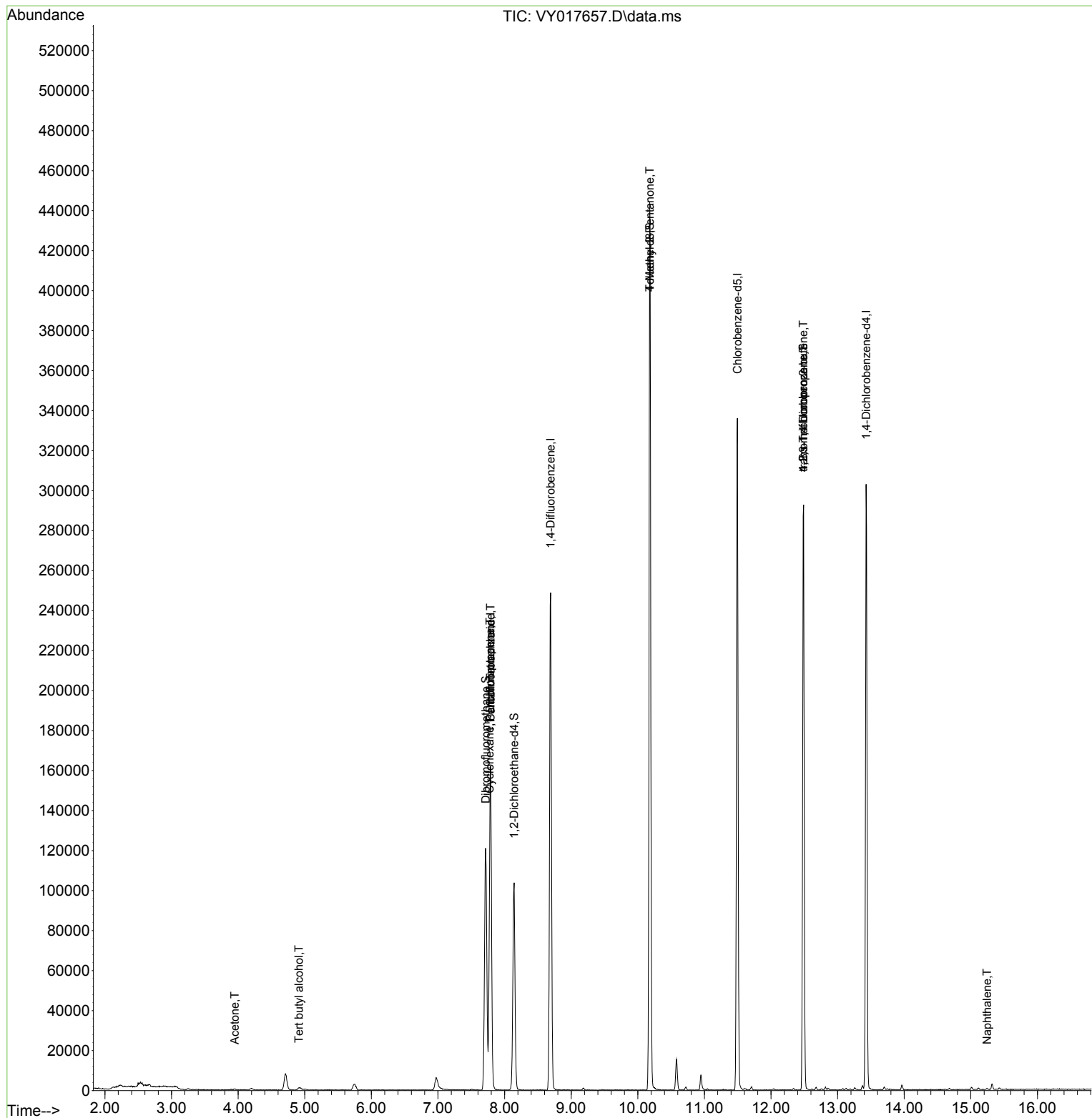
Internal Standards						
1) Pentafluorobenzene	7.789	168	135243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	198675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	75820	59.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.300%
35) Dibromofluoromethane	7.716	113	89299	55.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.120%
50) Toluene-d8	10.179	98	307666	54.749	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.500%
62) 4-Bromofluorobenzene	12.483	95	87432	49.506	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	694	6.374	ug/l #	88
16) Acetone	3.948	43	786	3.162	ug/l	94
20) Methylene Chloride	4.710	84	6434	Below Cal		96
31) Cyclohexane	7.777	56	2467	1.183	ug/l #	17
36) 1,1-Dichloropropene	7.783	75	9346	4.310	ug/l #	47
38) Carbon Tetrachloride	7.789	117	12671	5.830	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1066	1.271	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	44230	56.182	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44230	129.094	ug/l #	16
95) Naphthalene	15.245	128	723	4.171	ug/l #	69

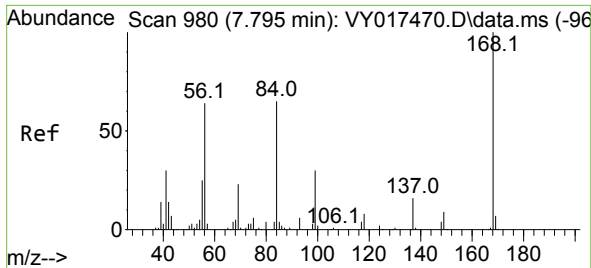
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031424\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL02

Quant Time: Mar 15 03:55:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

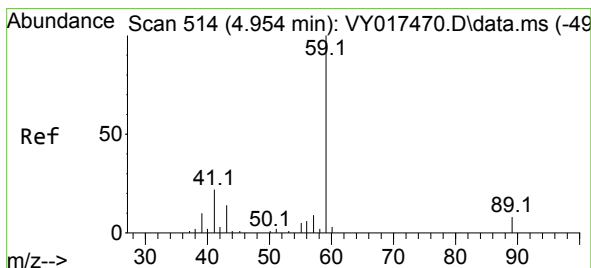
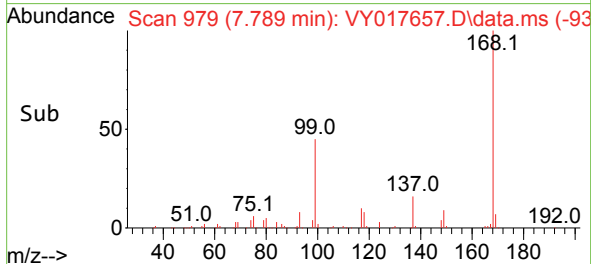
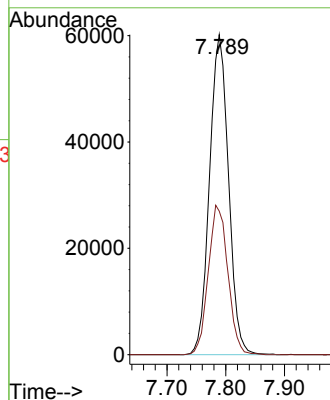
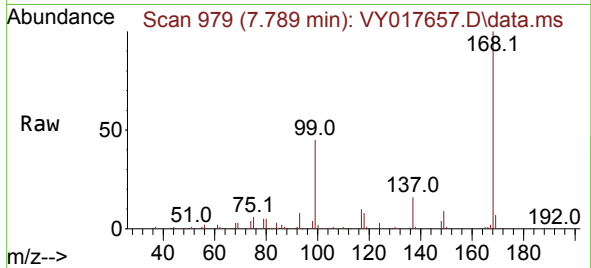




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017657.D
Acq: 14 Mar 2024 11:06

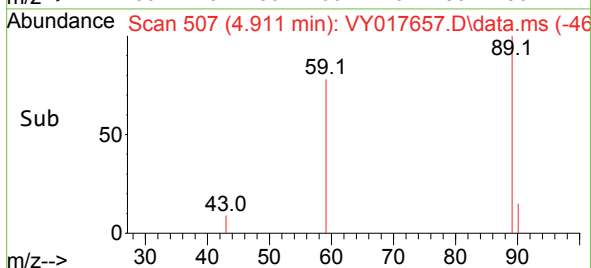
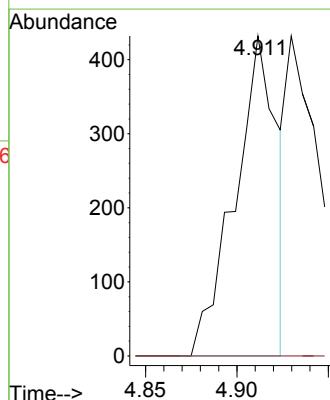
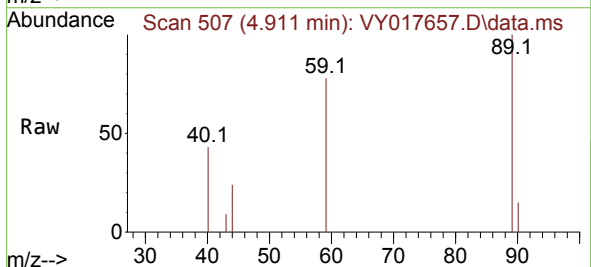
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL02

Tgt Ion:168 Resp: 135243
Ion Ratio Lower Upper
168 100
99 44.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 6.374 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.043 min
Lab File: VY017657.D
Acq: 14 Mar 2024 11:06

Tgt Ion: 59 Resp: 694
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 3.162 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY017657.D

Acq: 14 Mar 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

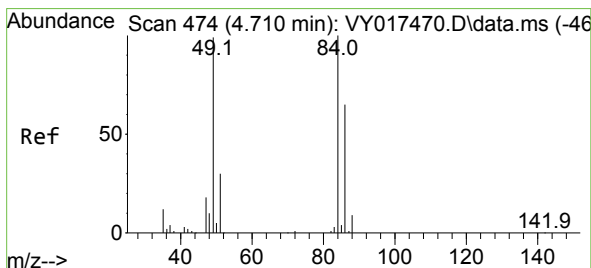
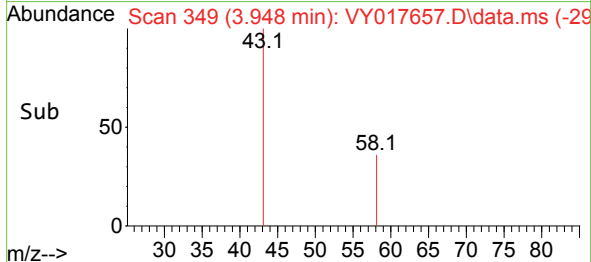
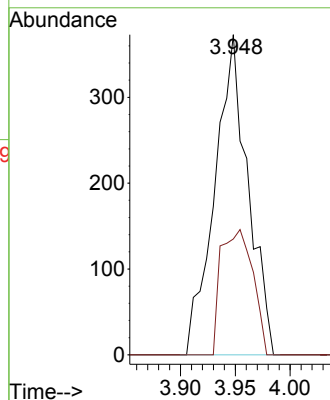
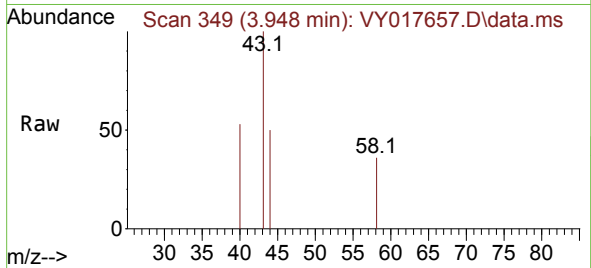
VY0314SBL02

Tgt Ion: 43 Resp: 786

Ion Ratio Lower Upper

43 100

58 36.2 31.7 47.5



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY017657.D

Acq: 14 Mar 2024 11:06

Tgt Ion: 84 Resp: 6434

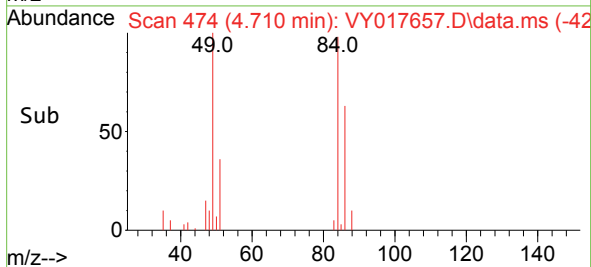
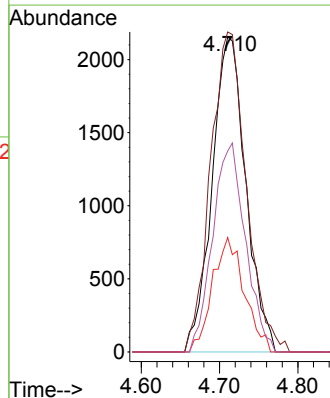
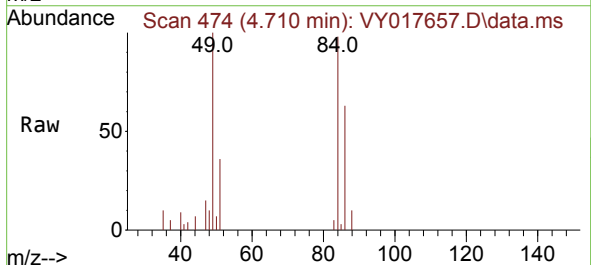
Ion Ratio Lower Upper

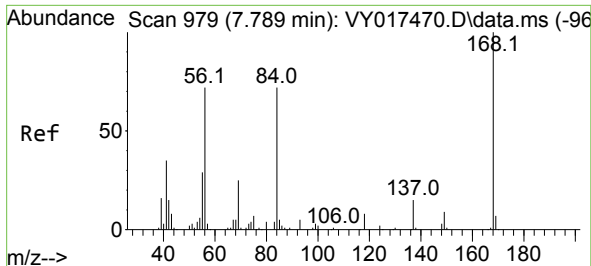
84 100

49 101.6 84.4 126.6

51 36.3 26.0 39.0

86 63.8 49.5 74.3

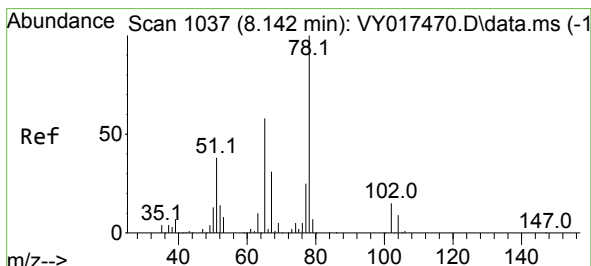
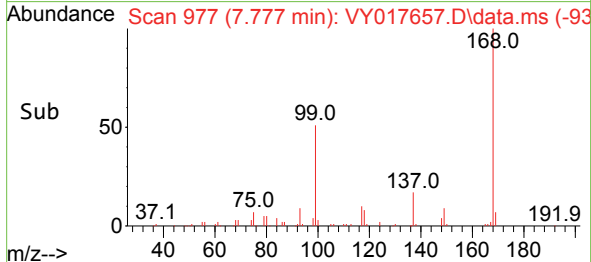
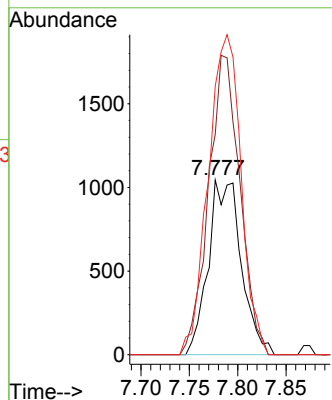
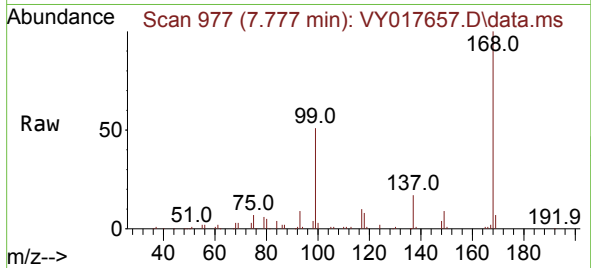




#31
Cyclohexane
Concen: 1.183 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017657.D
Acq: 14 Mar 2024 11:06

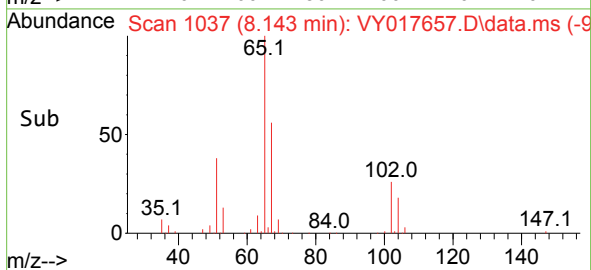
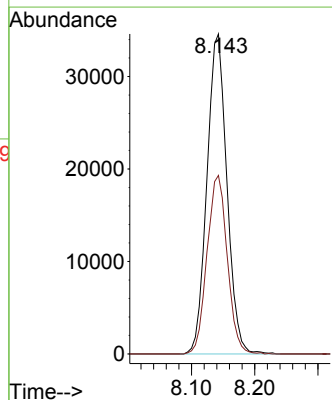
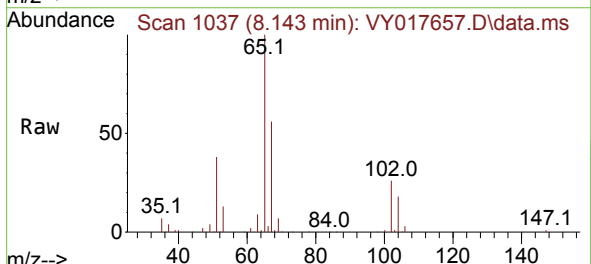
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL02

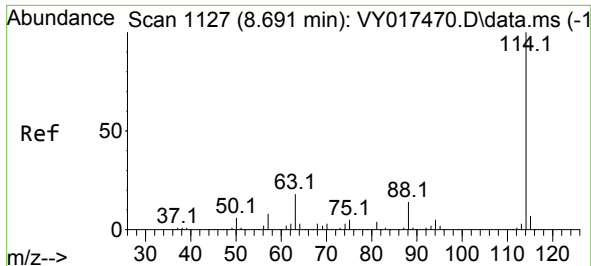
Tgt Ion: 56 Resp: 2467
Ion Ratio Lower Upper
56 100
69 126.0 28.7 43.1#
84 153.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 59.154 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017657.D
Acq: 14 Mar 2024 11:06

Tgt Ion: 65 Resp: 75820
Ion Ratio Lower Upper
65 100
67 56.6 0.0 109.6

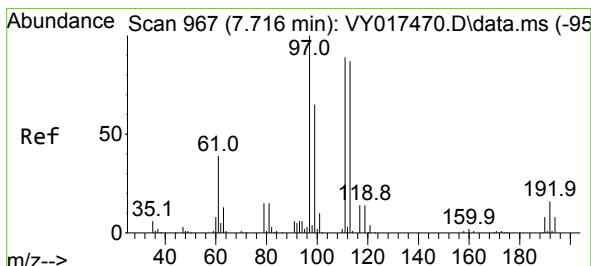
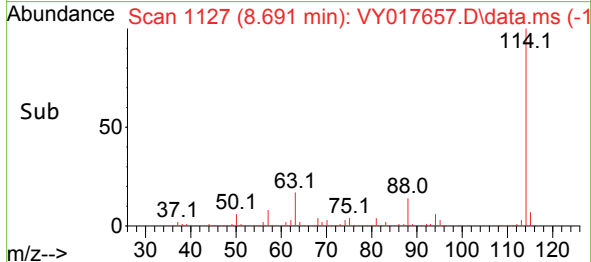
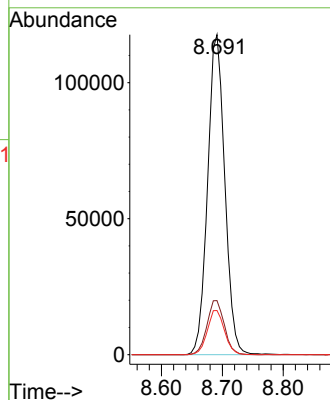
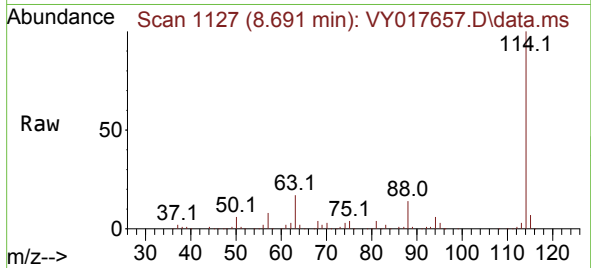




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017657.D
Acq: 14 Mar 2024 11:06

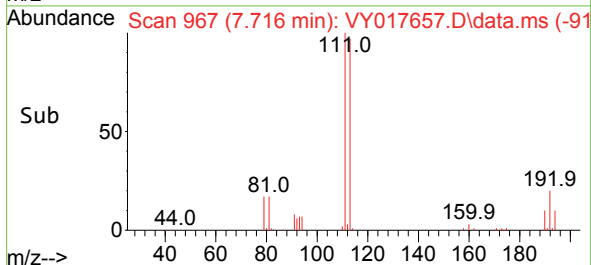
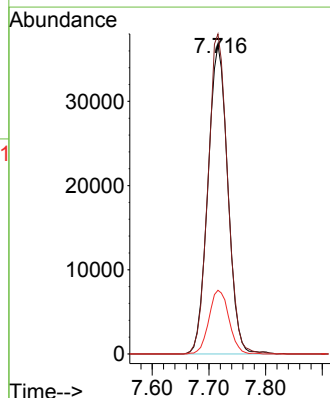
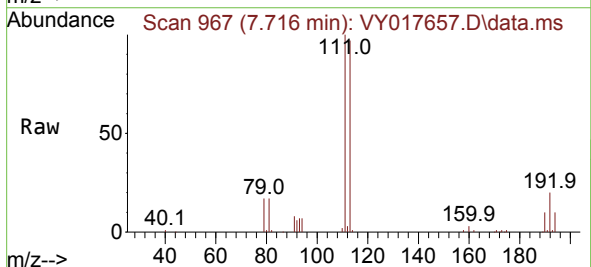
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL02

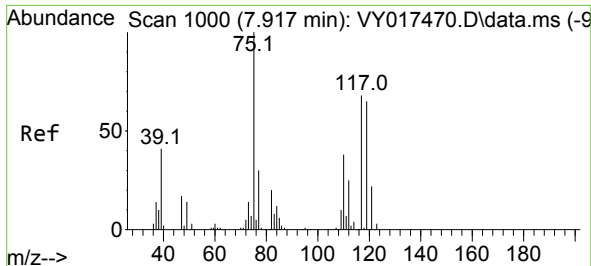
Tgt Ion:114 Resp: 230654
Ion Ratio Lower Upper
114 100
63 16.9 0.0 35.0
88 13.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.559 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017657.D
Acq: 14 Mar 2024 11:06

Tgt Ion:113 Resp: 89299
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 20.8 15.9 23.9

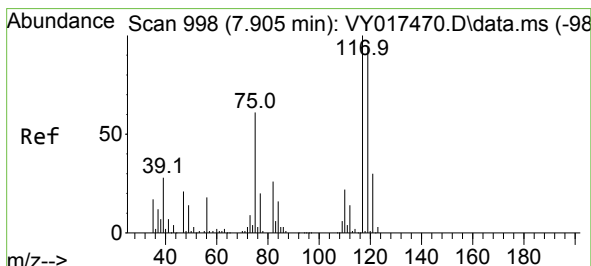
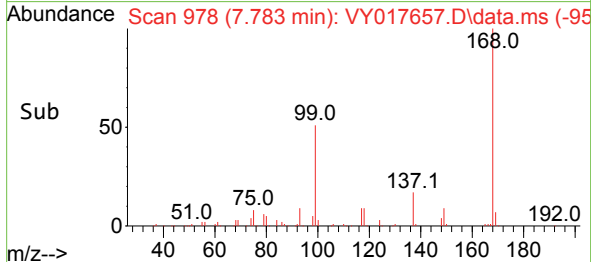
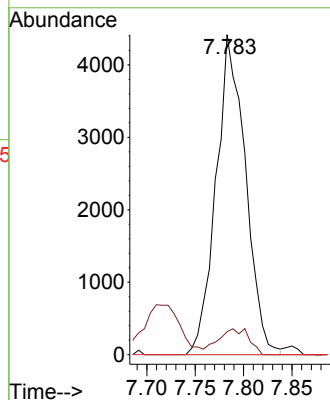
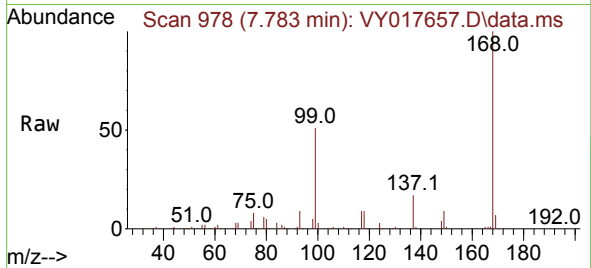




#36
1,1-Dichloropropene
Concen: 4.310 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017657.D
Acq: 14 Mar 2024 11:06

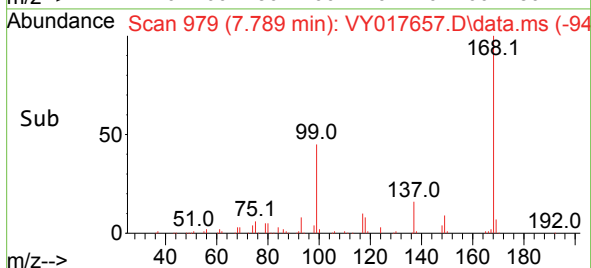
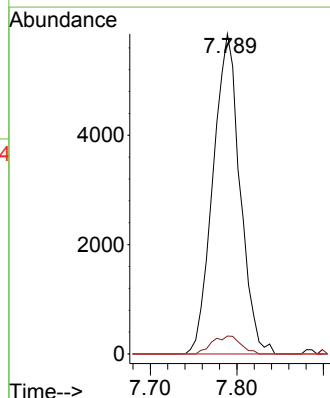
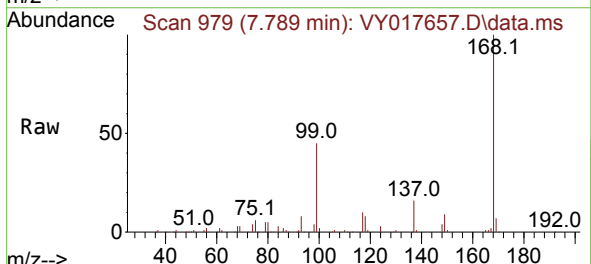
Instrument :
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ClientSampleId :
VY0314SBL02

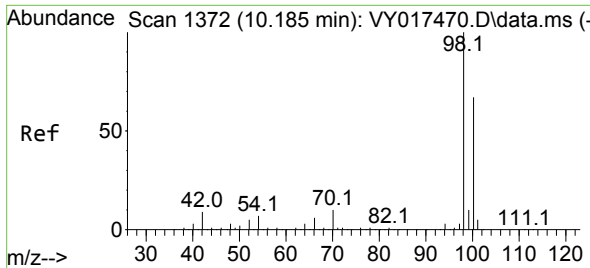
Tgt Ion: 75 Resp: 9346
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.830 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY017657.D
Acq: 14 Mar 2024 11:06

Tgt Ion: 117 Resp: 12671
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.0 36.0#

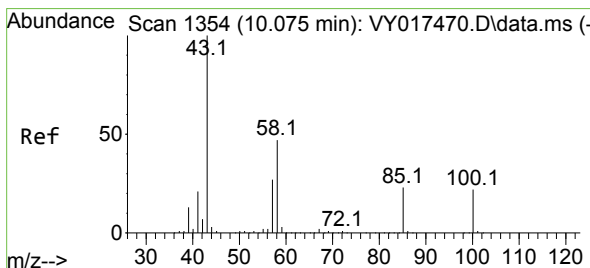
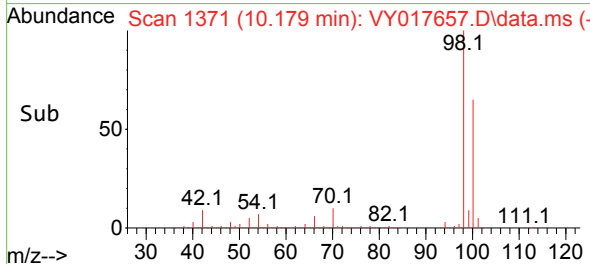
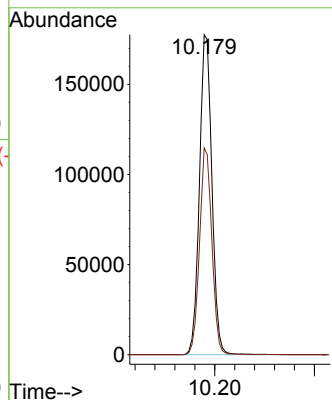
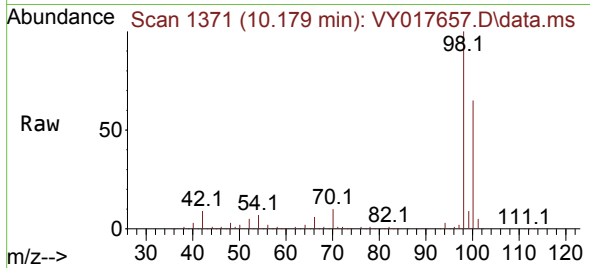




#50
Toluene-d8
Concen: 54.749 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017657.D
Acq: 14 Mar 2024 11:06

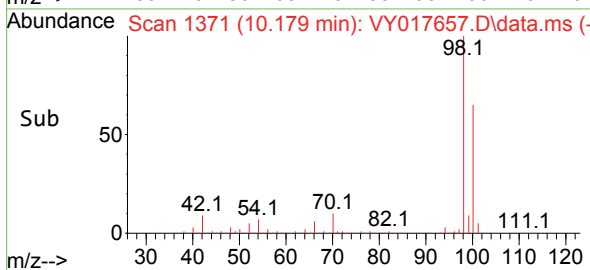
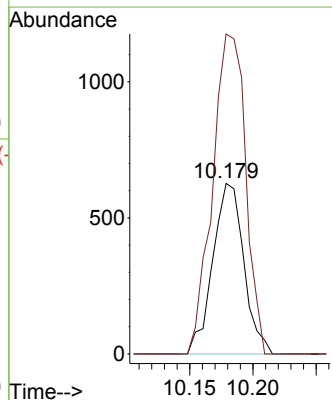
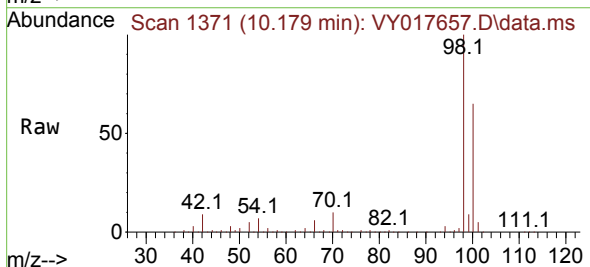
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL02

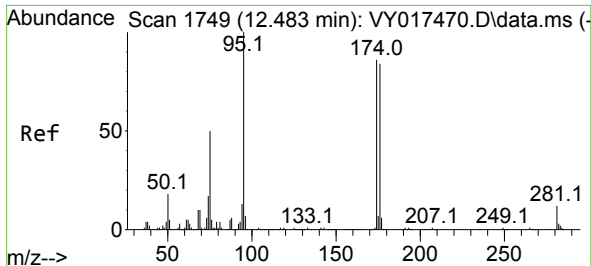
Tgt Ion: 98 Resp: 307666
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.271 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY017657.D
Acq: 14 Mar 2024 11:06

Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
58 200.4 35.7 53.5#

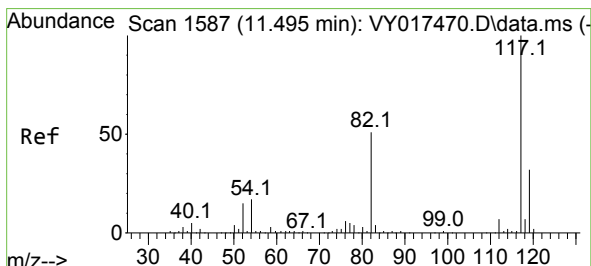
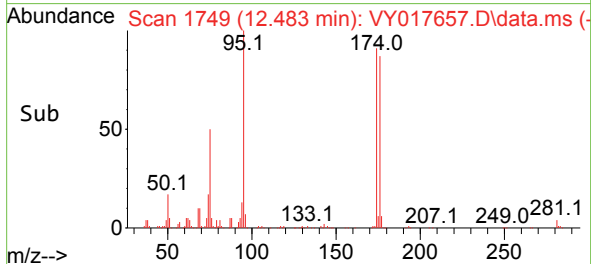
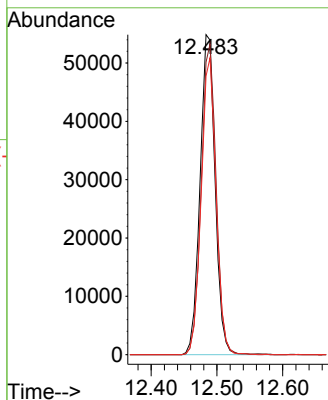
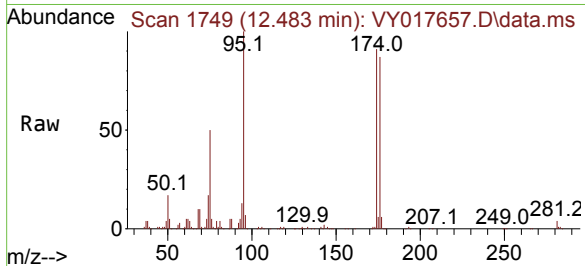




#62
4-Bromofluorobenzene
Concen: 49.506 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017657.D
Acq: 14 Mar 2024 11:06

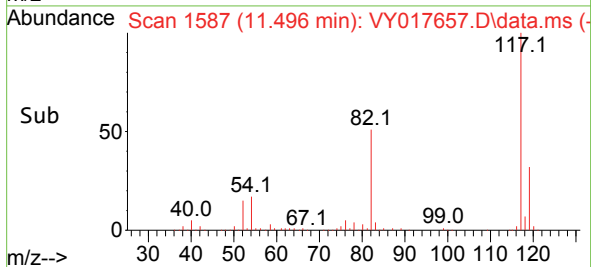
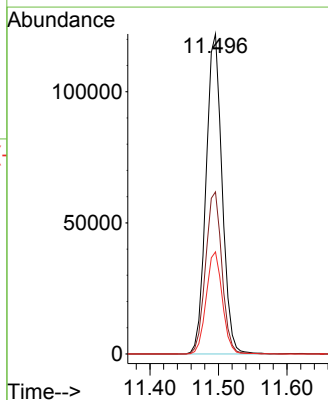
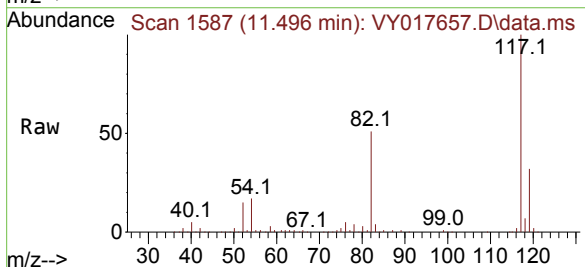
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL02

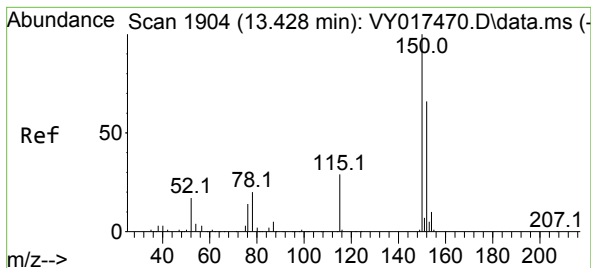
Tgt Ion: 95 Resp: 87432
Ion Ratio Lower Upper
95 100
174 96.0 0.0 175.6
176 91.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017657.D
Acq: 14 Mar 2024 11:06

Tgt Ion: 117 Resp: 198675
Ion Ratio Lower Upper
117 100
82 50.6 42.4 63.6
119 31.9 25.9 38.9

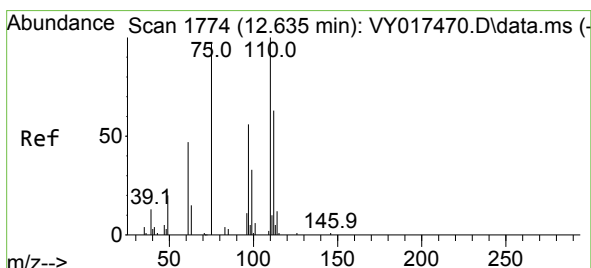
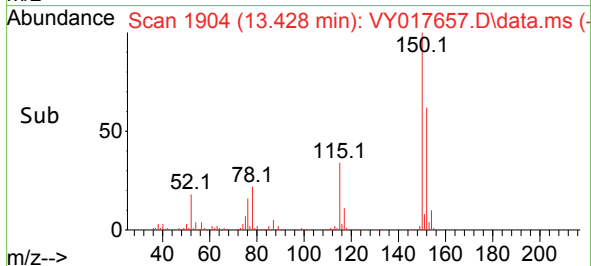
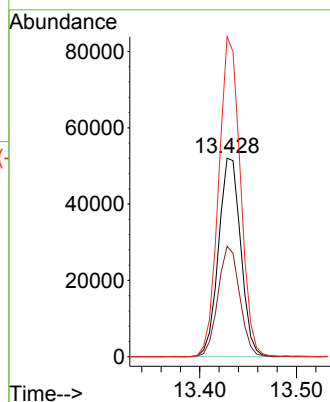
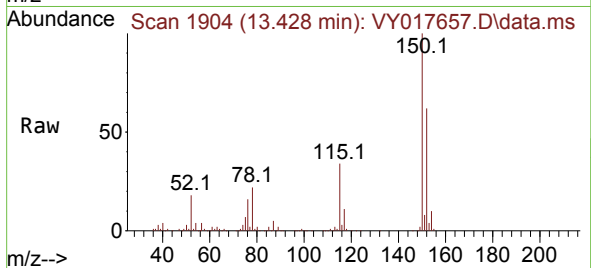




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017657.D
 Acq: 14 Mar 2024 11:06

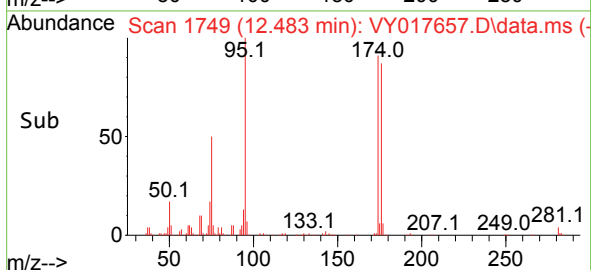
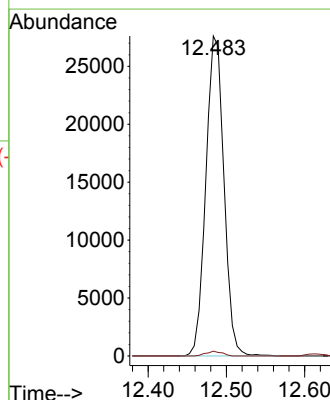
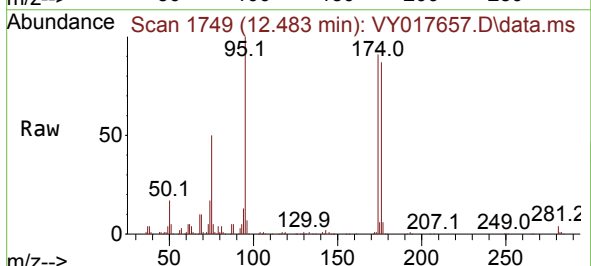
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBL02

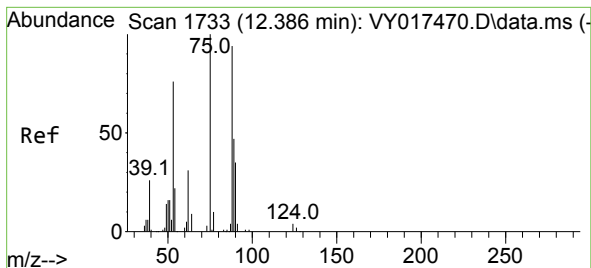
Tgt Ion:152 Resp: 82856
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.2 84.7
 150 158.1 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 56.182 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY017657.D
 Acq: 14 Mar 2024 11:06

Tgt Ion: 75 Resp: 44230
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

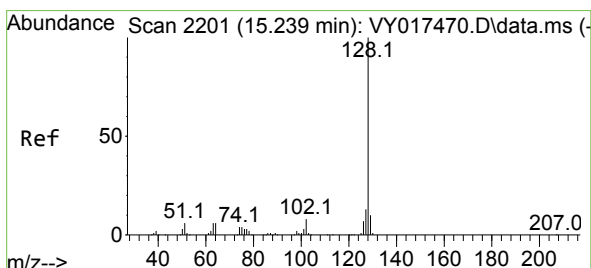
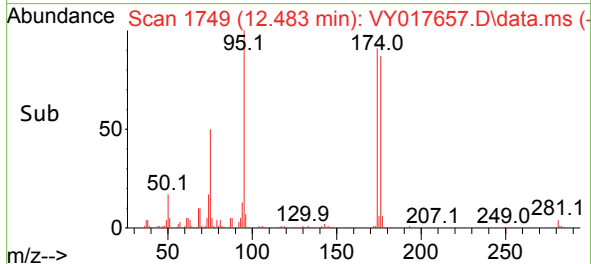
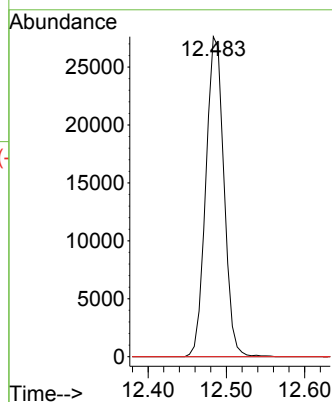
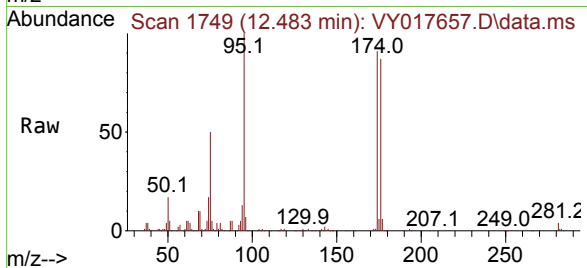




#81
trans-1,4-Dichloro-2-butene
Concen: 129.094 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017657.D
Acq: 14 Mar 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL02

Tgt Ion: 75 Resp: 44230
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.171 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY017657.D
Acq: 14 Mar 2024 11:06

Tgt Ion: 128 Resp: 723
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

