

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013401.D
 Acq On : 24 Apr 2023 15:24
 Operator : KP/MD
 Sample : VY0424SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBL01

Quant Time: Apr 25 03:11:35 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)

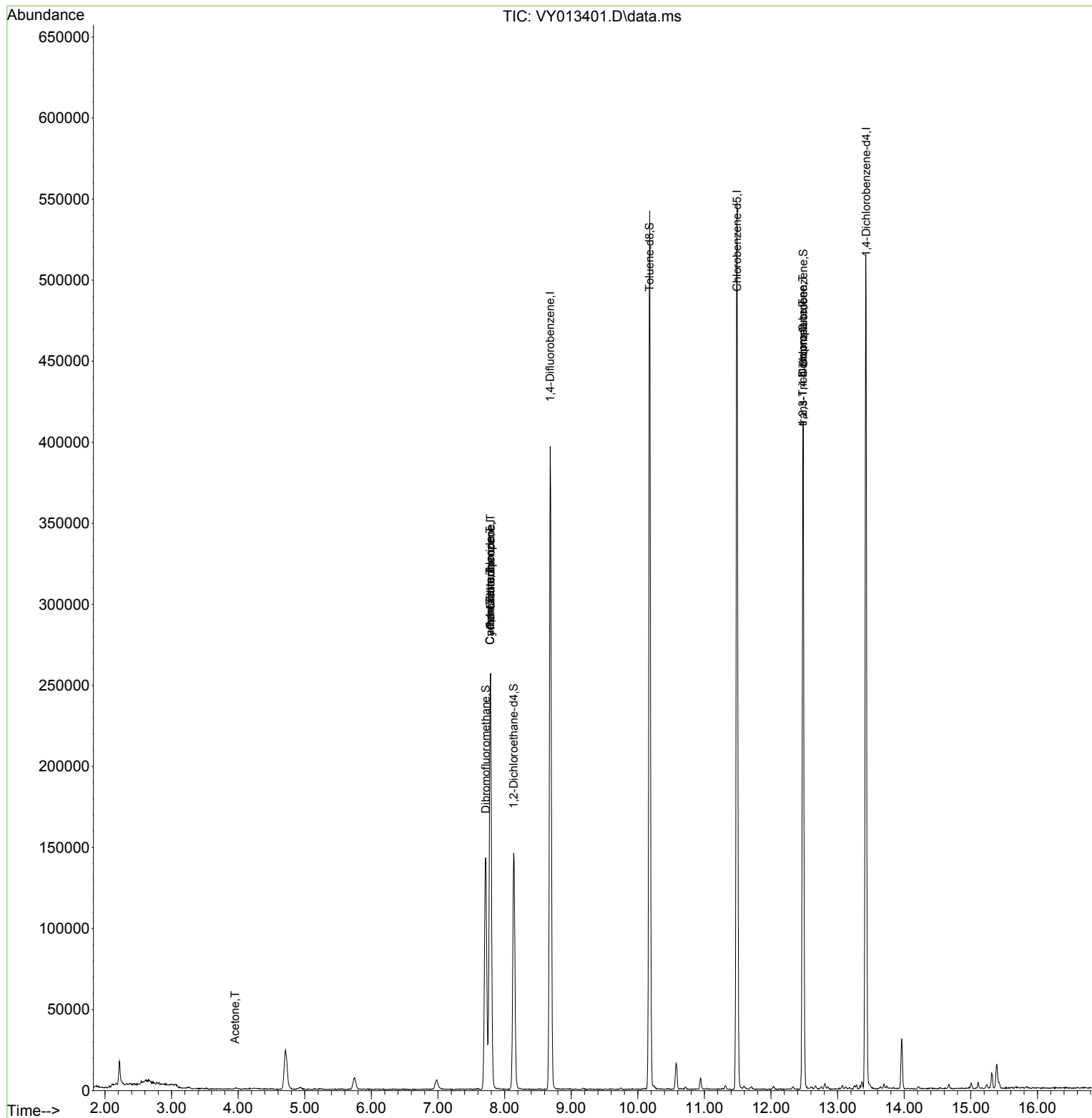
Internal Standards						
1) Pentafluorobenzene	7.789	168	193563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	323498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114684	54.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.100%	
35) Dibromofluoromethane	7.716	113	102454	50.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.700%	
50) Toluene-d8	10.179	98	338420	46.755	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.520%	
62) 4-Bromofluorobenzene	12.483	95	109698	44.956	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.920%	
Target Compounds						Qvalue
13) Acrolein	3.722	56	103	Below Cal		87
16) Acetone	3.954	43	1445	1.729 ug/l	#	77
20) Methylene Chloride	4.710	84	17185	Below Cal	#	87
31) Cyclohexane	7.783	56	5014	1.320 ug/l	#	52
36) 1,1-Dichloropropene	7.789	75	15271	4.522 ug/l	#	49
38) Carbon Tetrachloride	7.783	117	18515	5.231 ug/l	#	16
76) 1,2,3-Trichloropropane	12.477	75	58242	33.709 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58242	68.954 ug/l	#	13

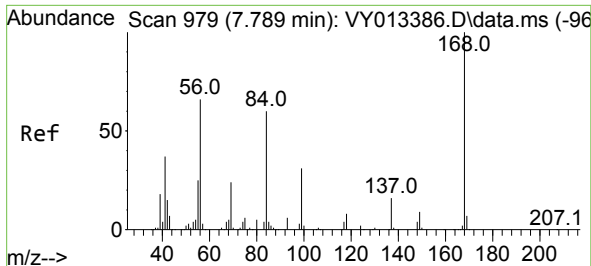
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
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Quant Time: Apr 25 03:11:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
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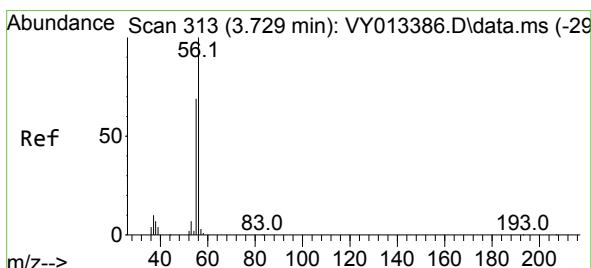
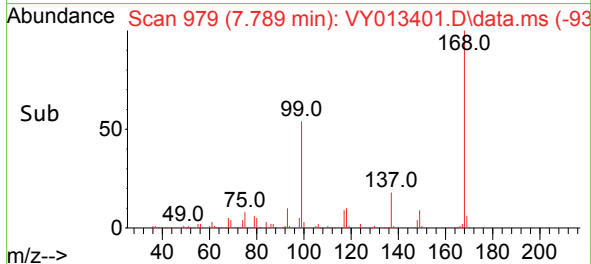
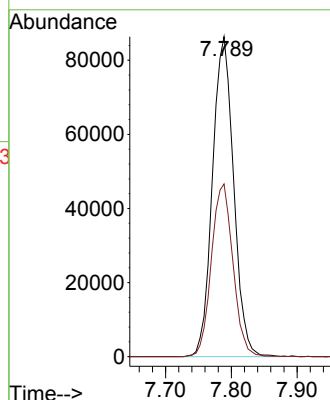
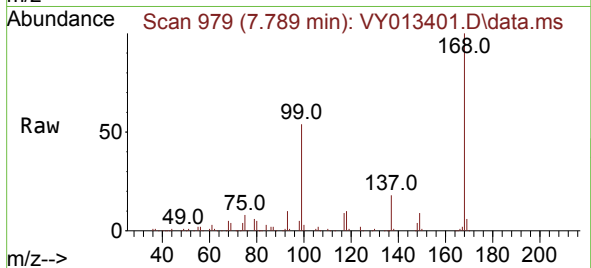




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013401.D
Acq: 24 Apr 2023 15:24

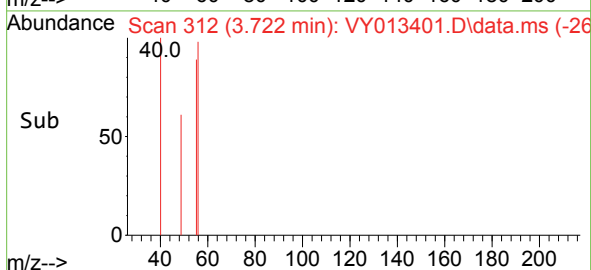
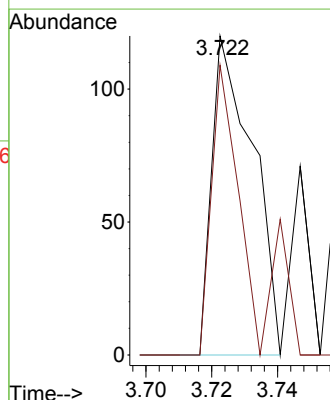
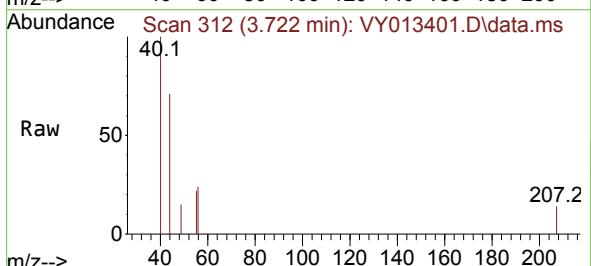
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL01

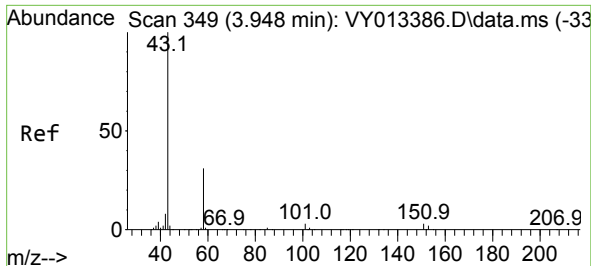
Tgt Ion:168 Resp: 193563
Ion Ratio Lower Upper
168 100
99 54.0 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.722 min Scan# 312
Delta R.T. -0.007 min
Lab File: VY013401.D
Acq: 24 Apr 2023 15:24

Tgt Ion: 56 Resp: 103
Ion Ratio Lower Upper
56 100
55 77.7 54.1 81.1





#16

Acetone

Concen: 1.729 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY013401.D

Acq: 24 Apr 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

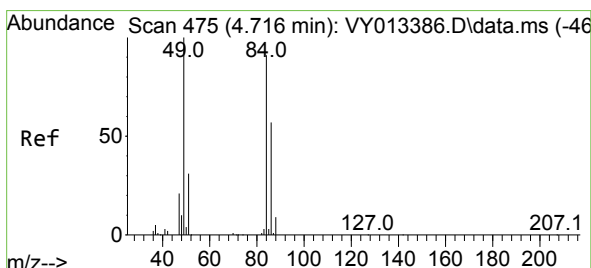
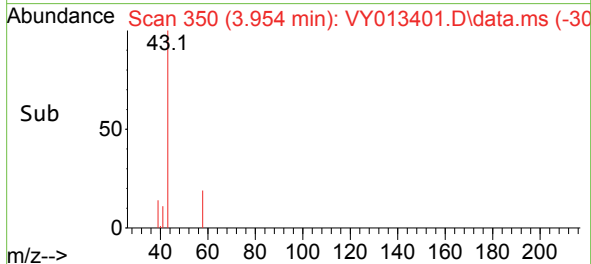
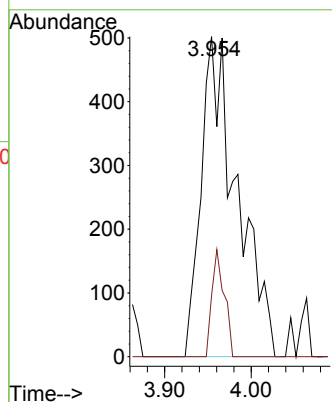
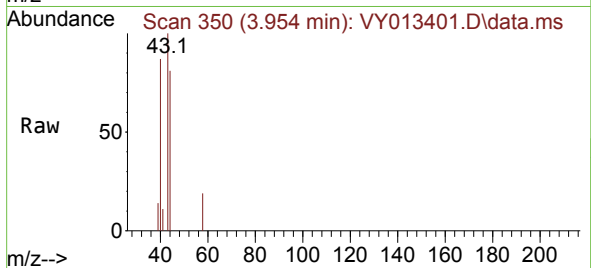
VY0424SBL01

Tgt Ion: 43 Resp: 1445

Ion Ratio Lower Upper

43 100

58 19.1 25.4 38.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013401.D

Acq: 24 Apr 2023 15:24

Tgt Ion: 84 Resp: 17185

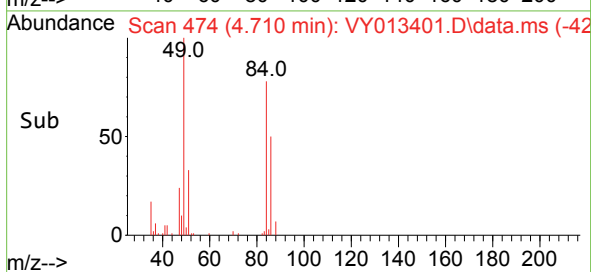
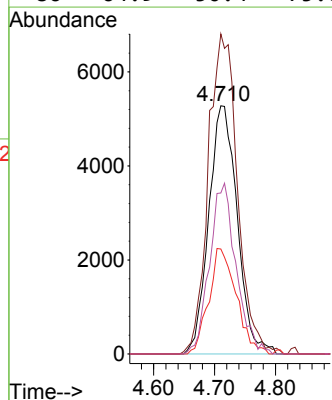
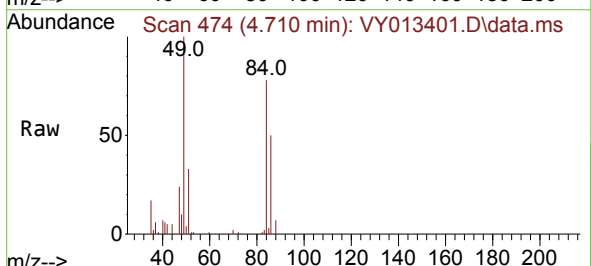
Ion Ratio Lower Upper

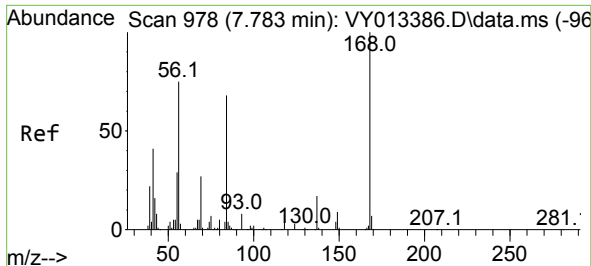
84 100

49 128.9 88.0 132.0

51 42.3 27.4 41.0#

86 64.9 50.4 75.6

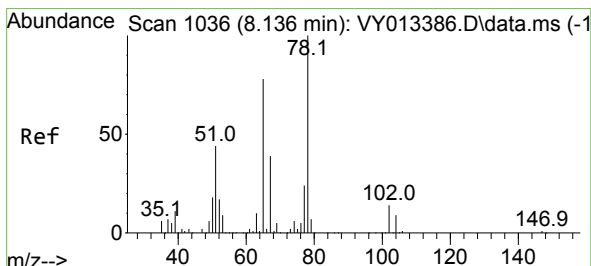
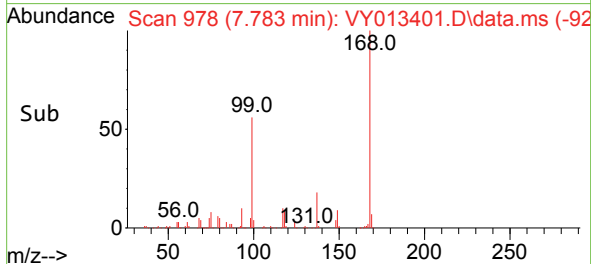
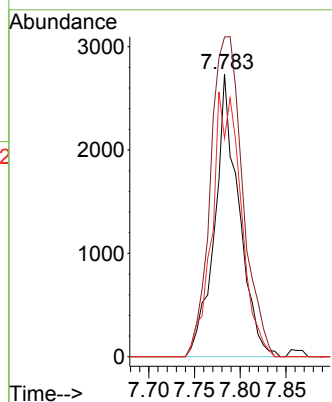
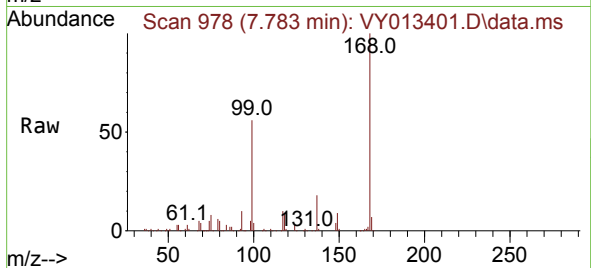




#31
Cyclohexane
Concen: 1.320 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013401.D
Acq: 24 Apr 2023 15:24

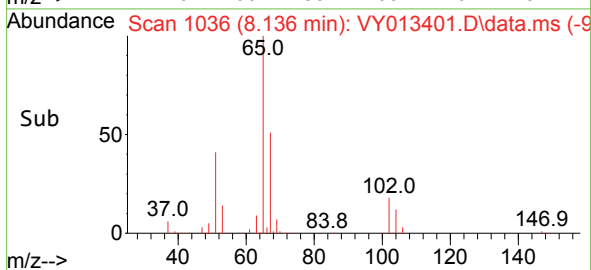
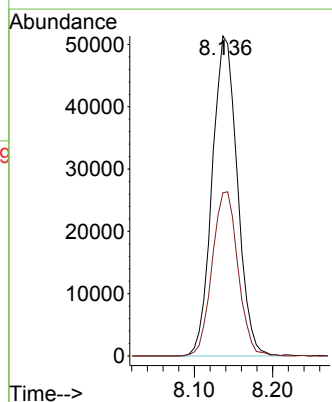
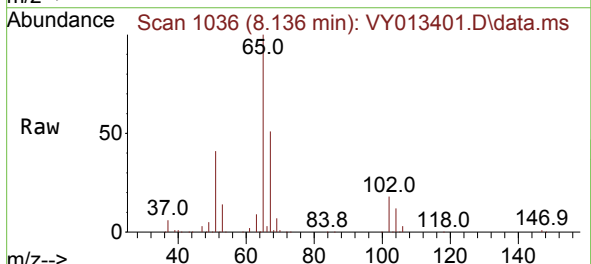
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL01

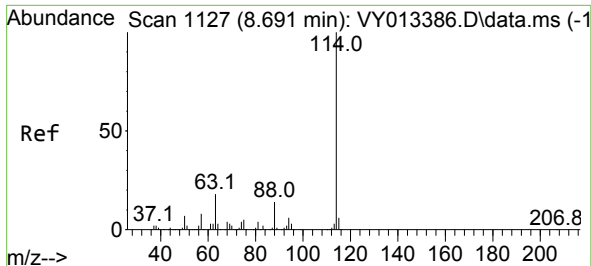
Tgt Ion: 56 Resp: 5014
Ion Ratio Lower Upper
56 100
69 113.1 29.2 43.8#
84 77.3 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 54.048 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013401.D
Acq: 24 Apr 2023 15:24

Tgt Ion: 65 Resp: 114684
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013401.D

Acq: 24 Apr 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBL01

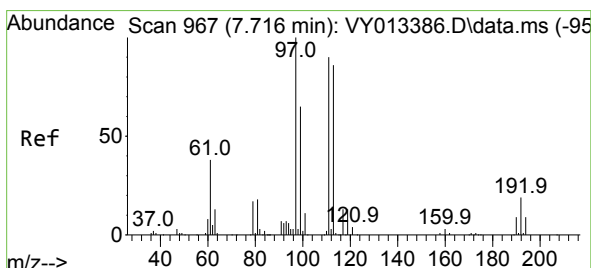
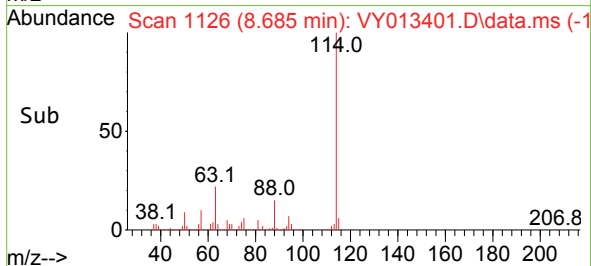
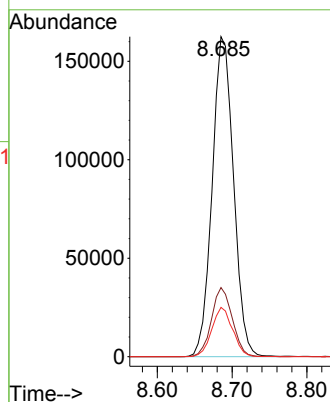
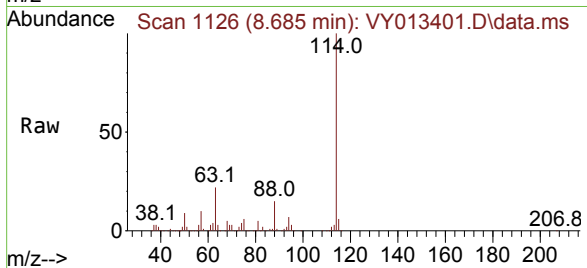
Tgt Ion:114 Resp: 323498

Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.6

88 15.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 50.354 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013401.D

Acq: 24 Apr 2023 15:24

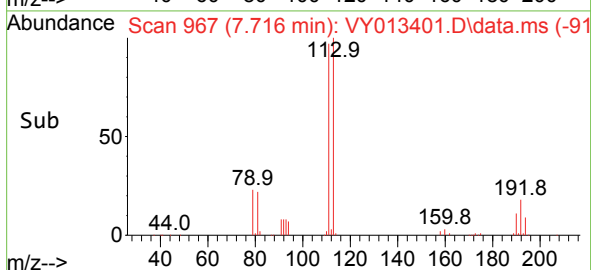
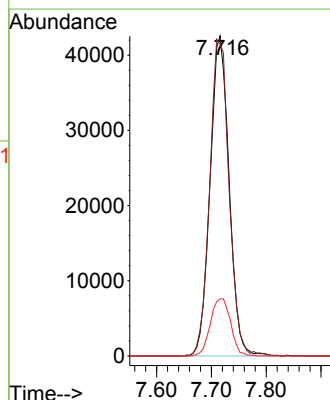
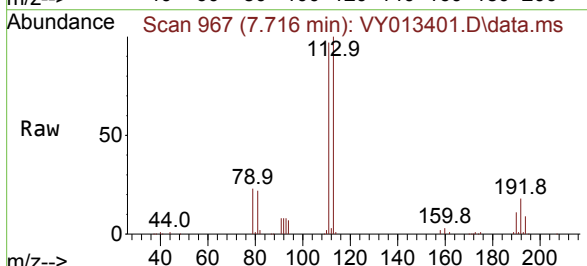
Tgt Ion:113 Resp: 102454

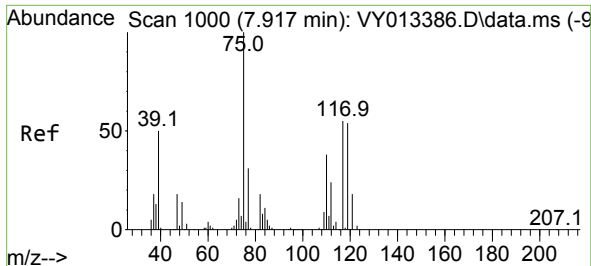
Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.2

192 19.0 16.7 25.1

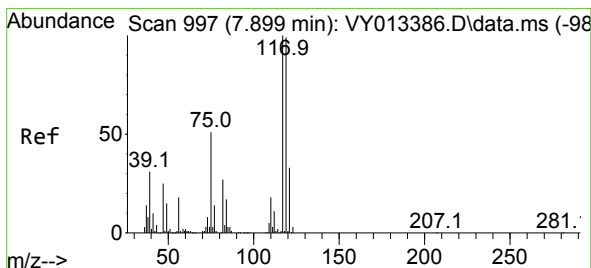
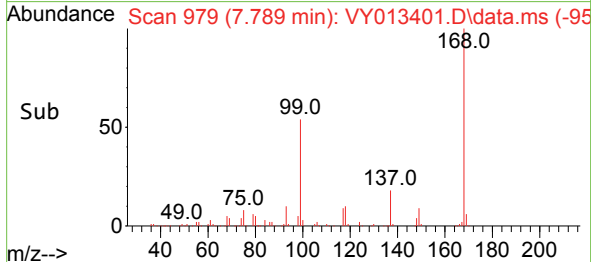
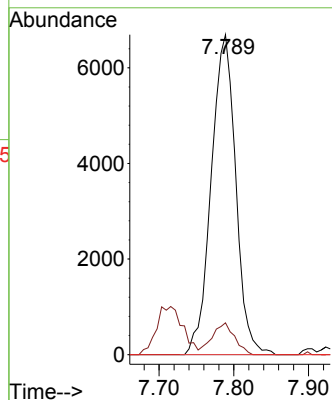
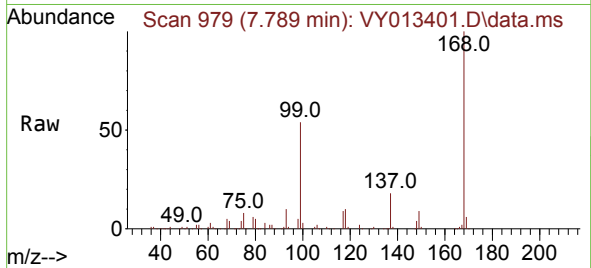




#36
1,1-Dichloropropene
Concen: 4.522 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013401.D
Acq: 24 Apr 2023 15:24

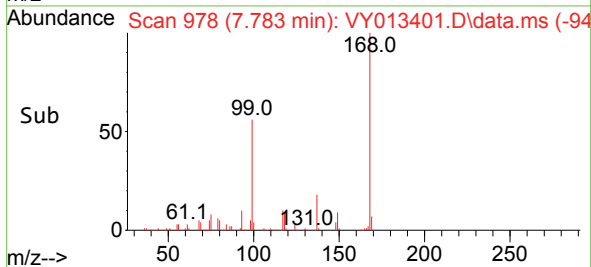
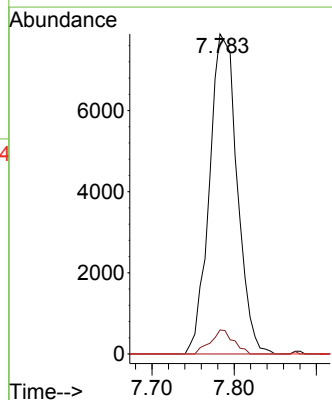
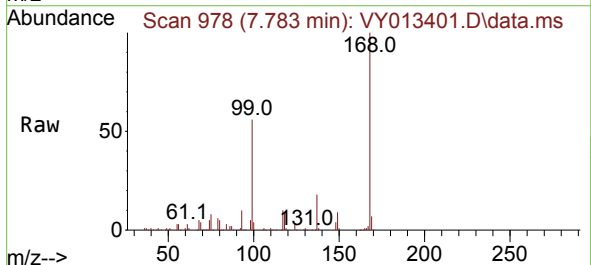
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL01

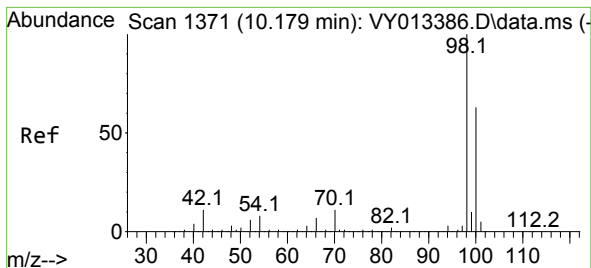
Tgt Ion: 75 Resp: 15271
Ion Ratio Lower Upper
75 100
110 9.2 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.231 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013401.D
Acq: 24 Apr 2023 15:24

Tgt Ion: 117 Resp: 18515
Ion Ratio Lower Upper
117 100
119 7.5 79.0 118.6#
121 0.0 26.6 40.0#





#50

Toluene-d8

Concen: 46.755 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013401.D

Acq: 24 Apr 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

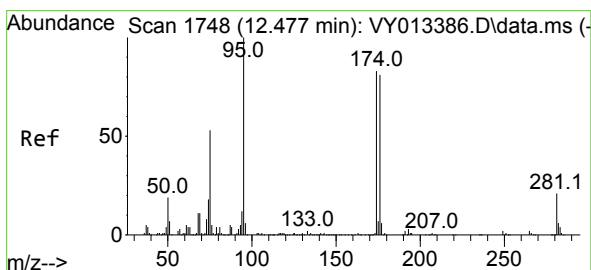
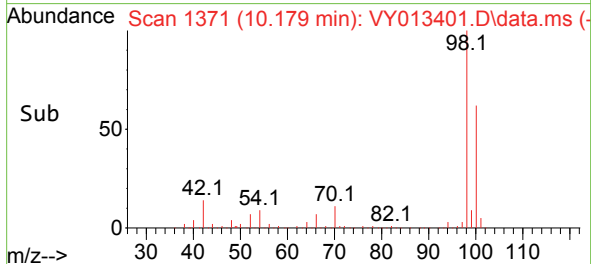
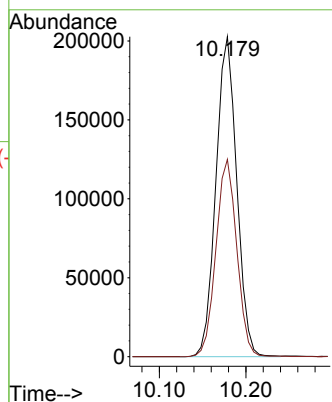
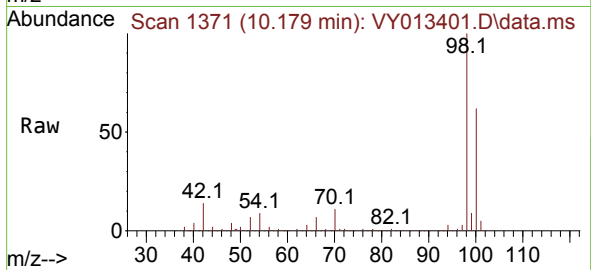
VY0424SBL01

Tgt Ion: 98 Resp: 338420

Ion Ratio Lower Upper

98 100

100 61.8 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 44.956 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013401.D

Acq: 24 Apr 2023 15:24

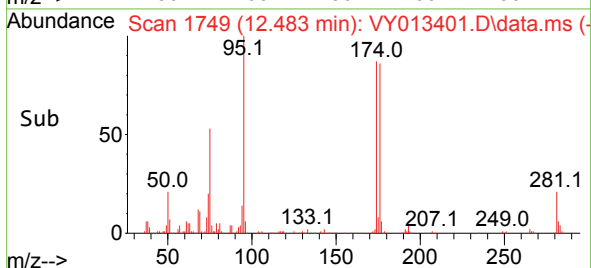
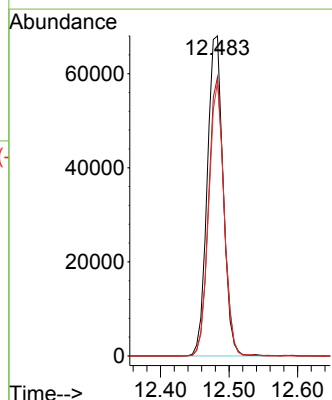
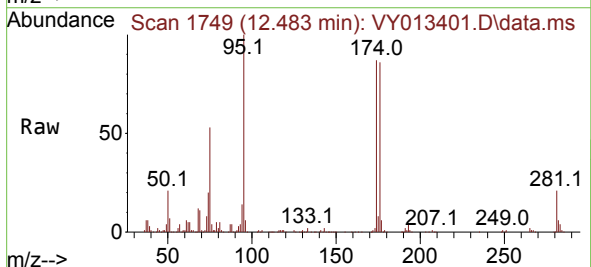
Tgt Ion: 95 Resp: 109698

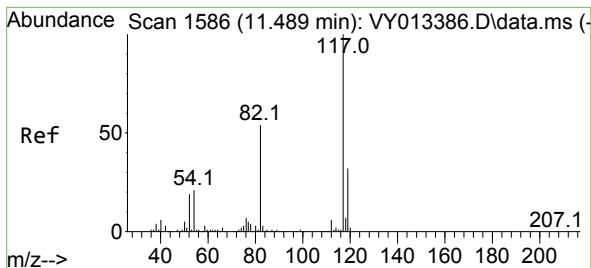
Ion Ratio Lower Upper

95 100

174 84.9 0.0 182.0

176 82.5 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013401.D

Acq: 24 Apr 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBL01

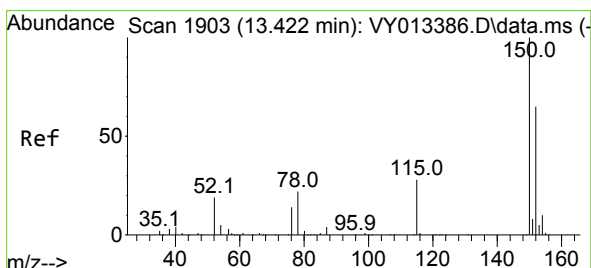
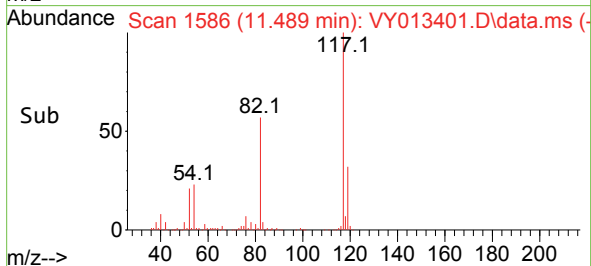
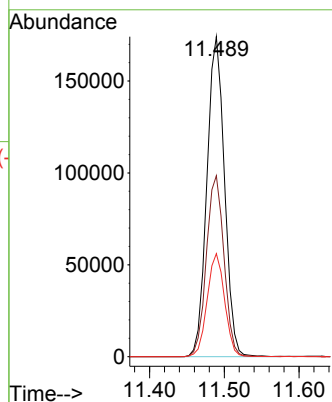
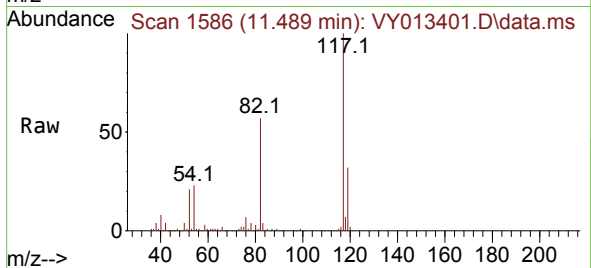
Tgt Ion:117 Resp: 284411

Ion Ratio Lower Upper

117 100

82 56.6 43.0 64.6

119 32.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013401.D

Acq: 24 Apr 2023 15:24

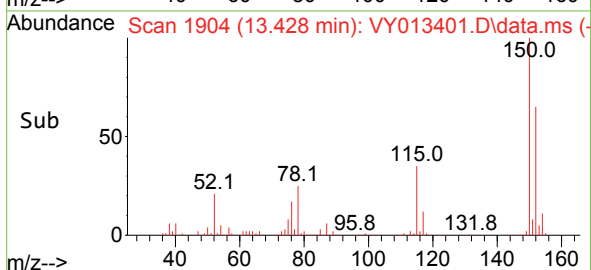
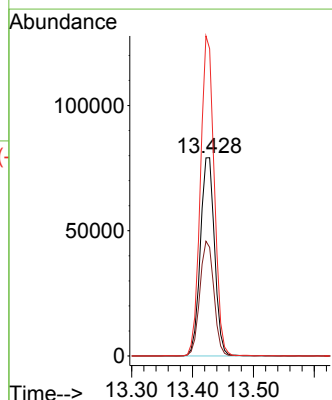
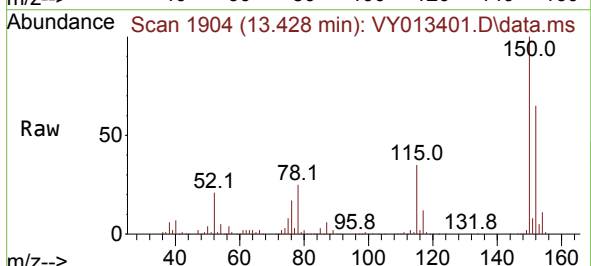
Tgt Ion:152 Resp: 128115

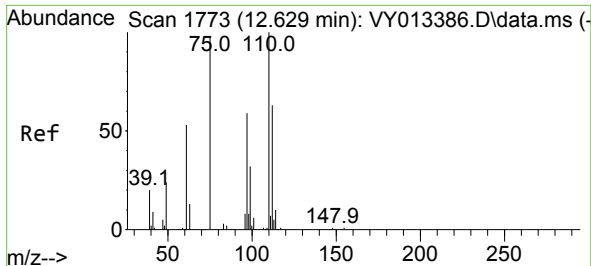
Ion Ratio Lower Upper

152 100

115 57.4 28.1 84.2

150 156.9 0.0 352.0

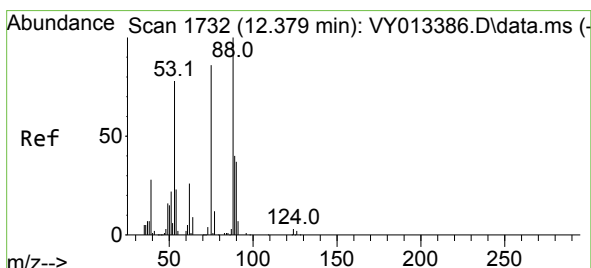
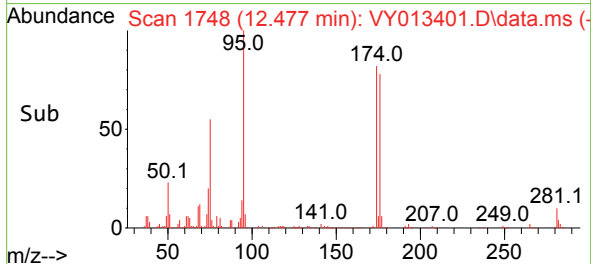
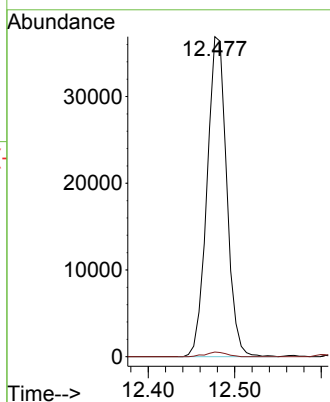
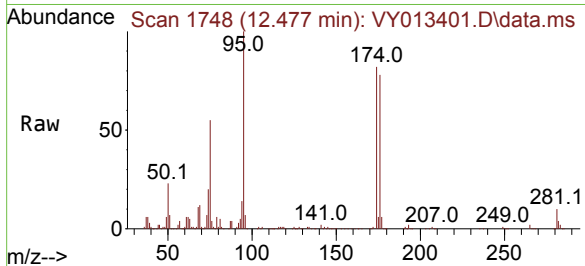




#76
1,2,3-Trichloropropane
Concen: 33.709 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013401.D
Acq: 24 Apr 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL01

Tgt Ion: 75 Resp: 58242
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.954 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013401.D
Acq: 24 Apr 2023 15:24

Tgt Ion: 75 Resp: 58242
Ion Ratio Lower Upper
75 100
53 0.3 73.2 109.8#
89 0.2 38.0 57.0#

