

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013462.D
 Acq On : 26 Apr 2023 10:49
 Operator : KP/MD
 Sample : VY0426SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBL01

Quant Time: Apr 27 01:28:12 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)

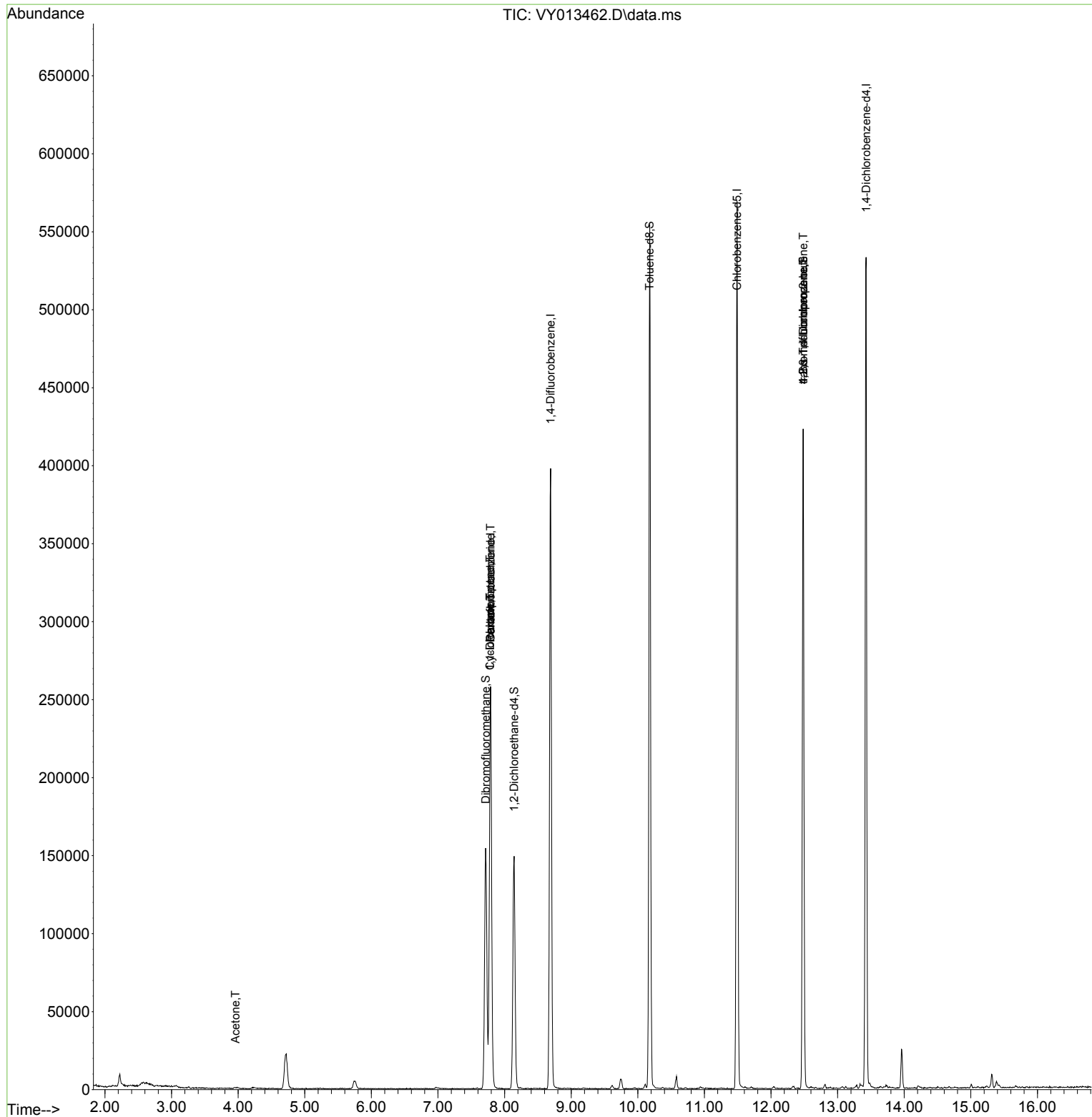
Internal Standards						
1) Pentafluorobenzene	7.789	168	200407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	327140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	294720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	119173	54.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.500%	
35) Dibromofluoromethane	7.716	113	108104	52.540	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.080%	
50) Toluene-d8	10.179	98	350923	47.943	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.880%	
62) 4-Bromofluorobenzene	12.483	95	109783	44.490	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.980%	
Target Compounds						
					Qvalue	
13) Acrolein	3.741	56	25	Below Cal	#	15
16) Acetone	3.960	43	1005	1.162	ug/l #	85
20) Methylene Chloride	4.710	84	16560	Below Cal	#	91
31) Cyclohexane	7.783	56	4664	1.186	ug/l #	22
36) 1,1-Dichloropropene	7.783	75	15348	4.495	ug/l #	50
38) Carbon Tetrachloride	7.789	117	19032	5.318	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	58327	31.571	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58327	64.580	ug/l #	13

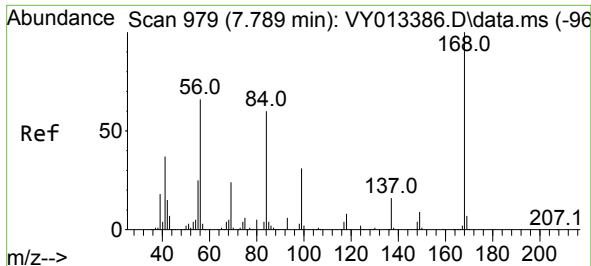
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
Data File : VY013462.D
Acq On : 26 Apr 2023 10:49
Operator : KP/MD
Sample : VY0426SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

Quant Time: Apr 27 01:28:12 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

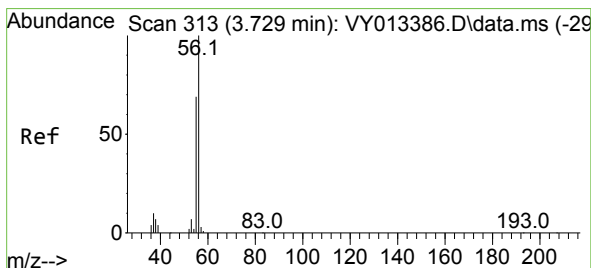
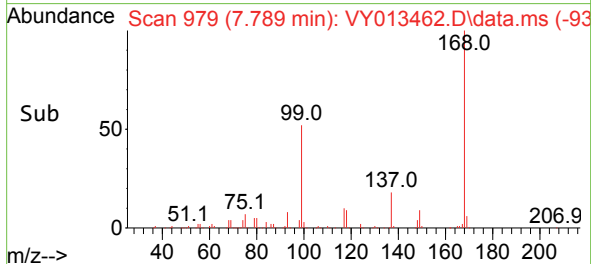
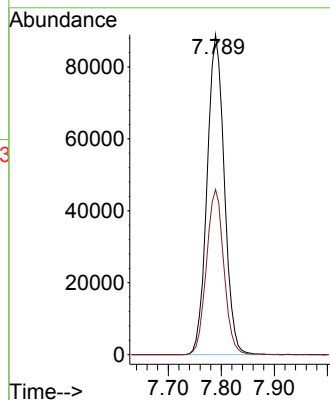
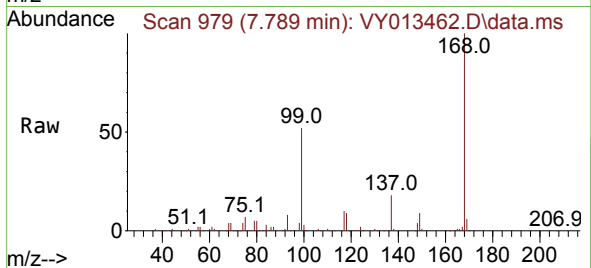




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

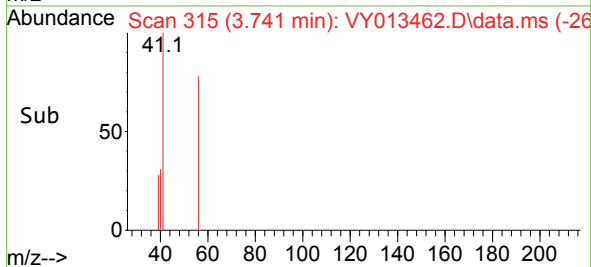
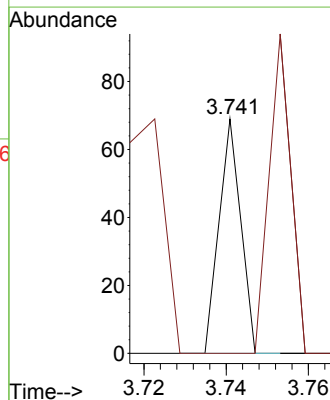
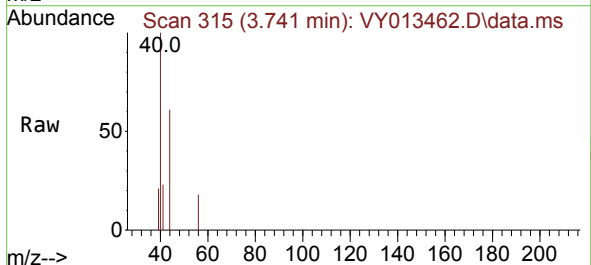
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

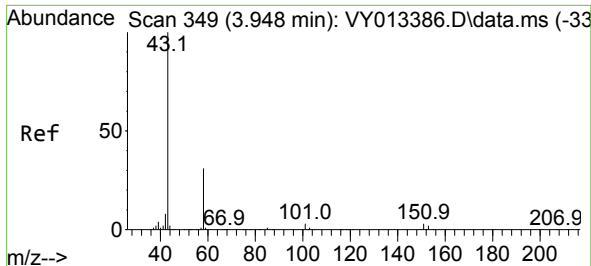
Tgt Ion:168 Resp: 200407
Ion Ratio Lower Upper
168 100
99 51.6 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 136.0 54.1 81.1#

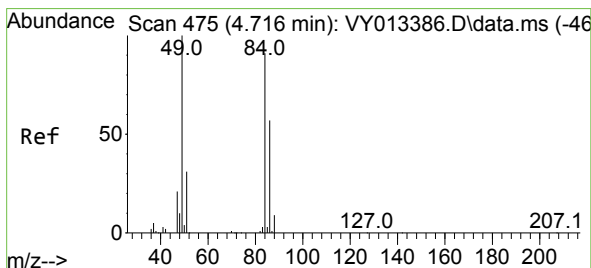
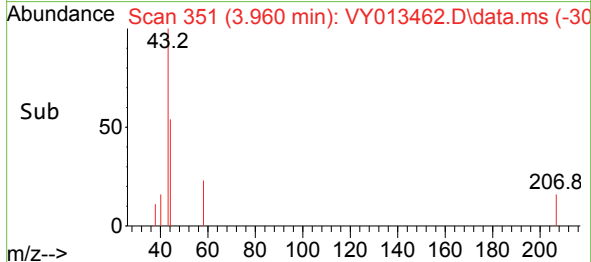
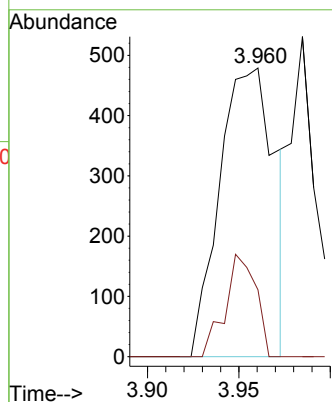
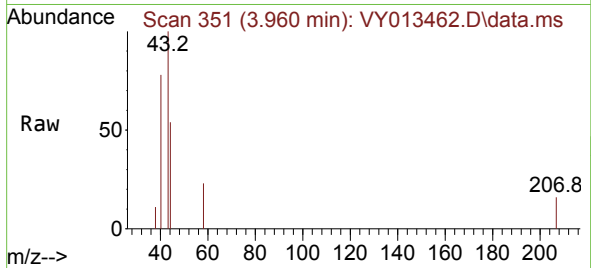




#16
Acetone
Concen: 1.162 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

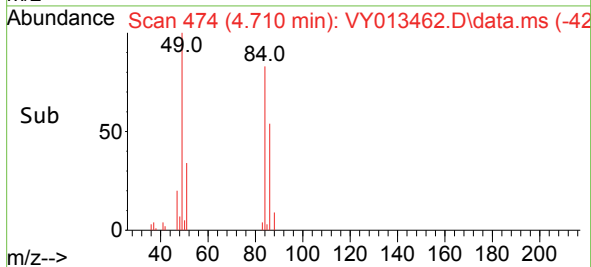
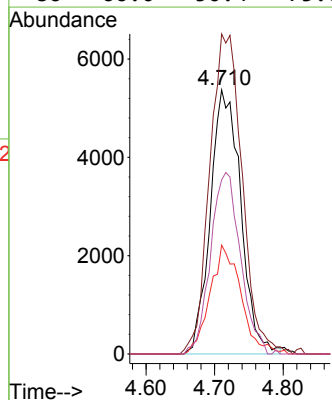
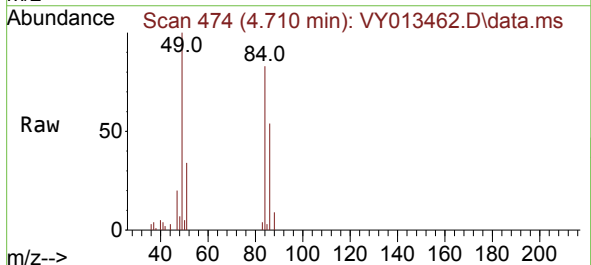
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

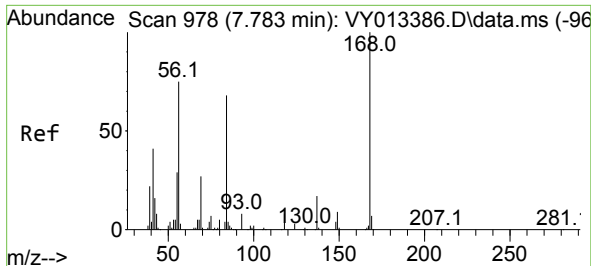
Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 23.2 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

Tgt Ion: 84 Resp: 16560
Ion Ratio Lower Upper
84 100
49 121.2 88.0 132.0
51 41.2 27.4 41.0#
86 66.0 50.4 75.6

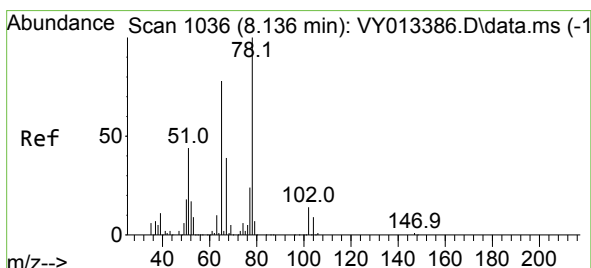
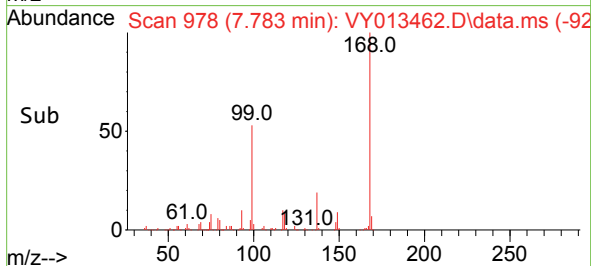
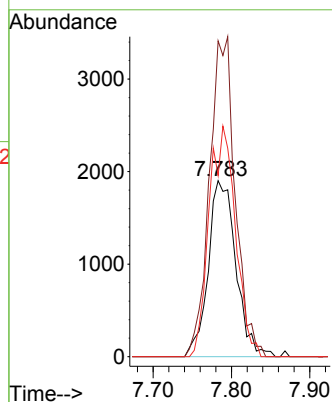
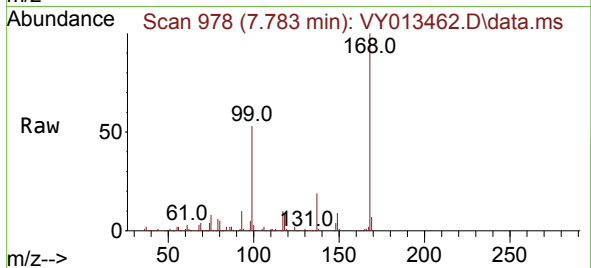




#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

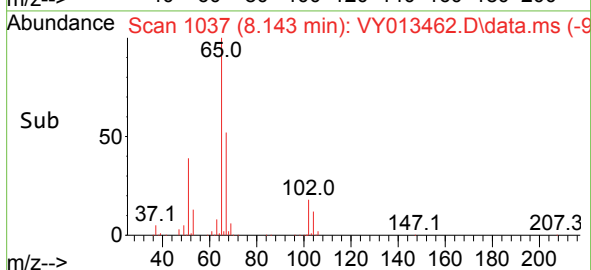
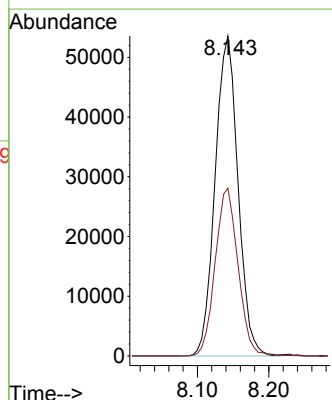
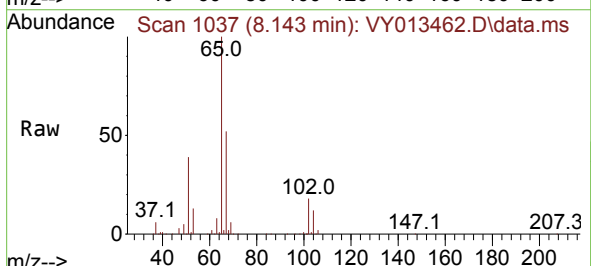
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

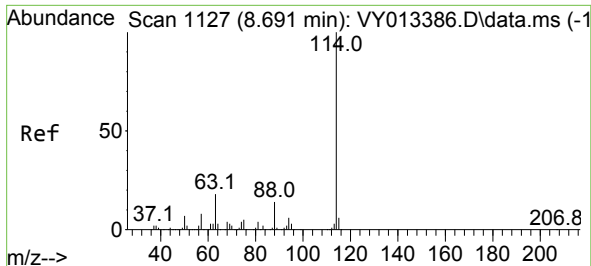
Tgt Ion: 56 Resp: 4664
Ion Ratio Lower Upper
56 100
69 179.4 29.2 43.8#
84 102.9 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 54.246 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

Tgt Ion: 65 Resp: 119173
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4

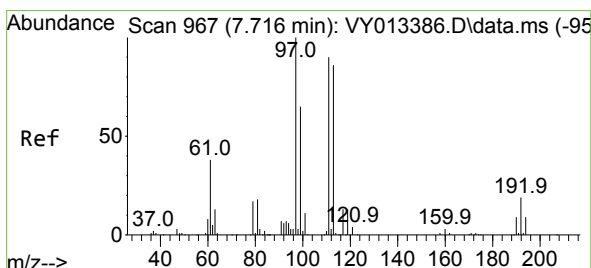
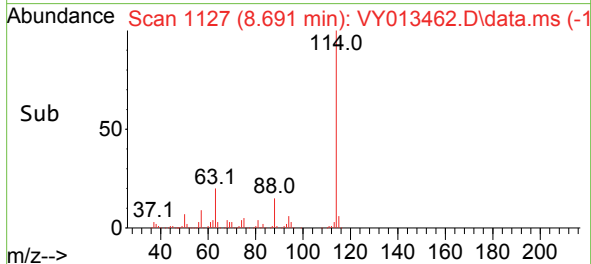
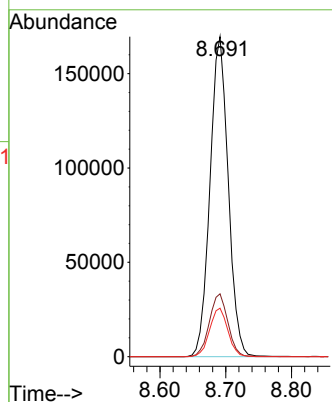
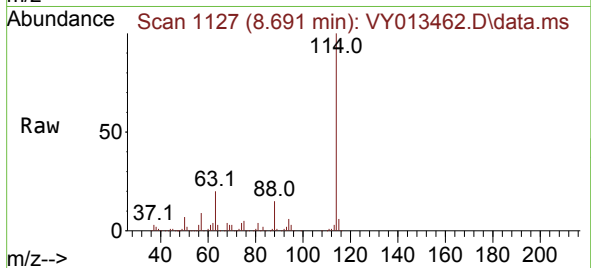




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

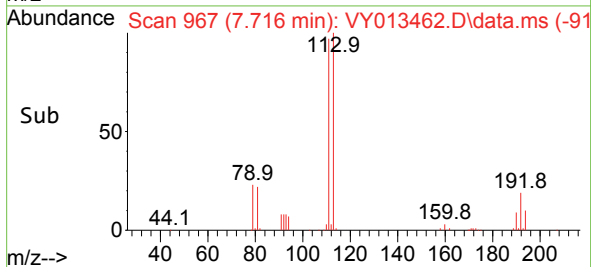
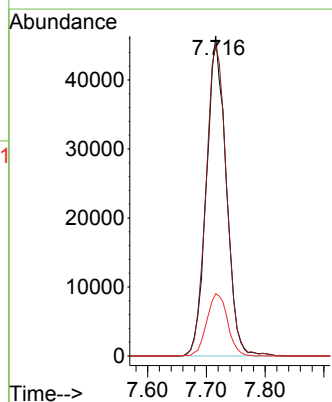
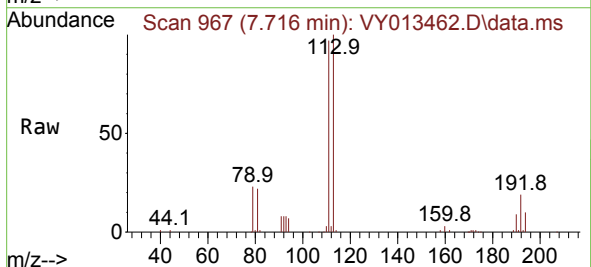
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

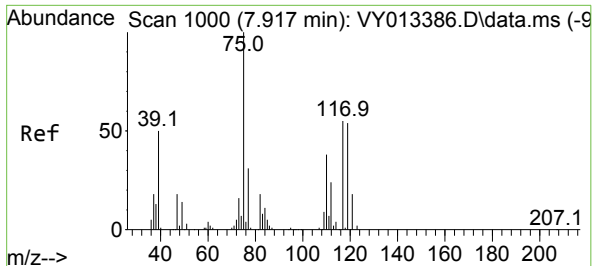
Tgt Ion:114 Resp: 327140
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.6
88 15.1 0.0 28.8



#35
Dibromofluoromethane
Concen: 52.540 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

Tgt Ion:113 Resp: 108104
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 20.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.495 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY013462.D

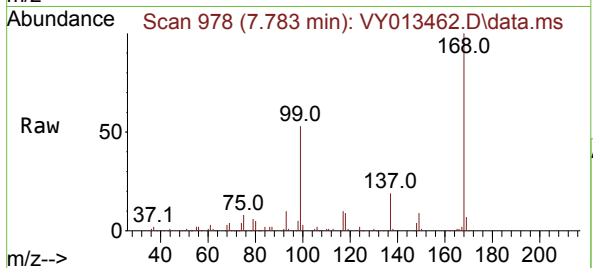
Acq: 26 Apr 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBL01



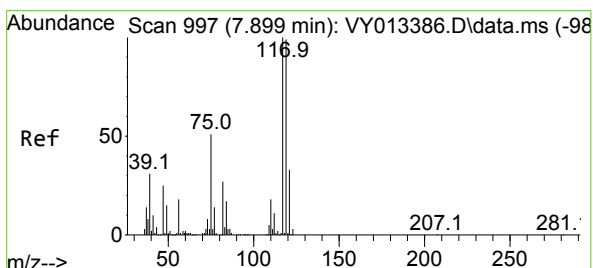
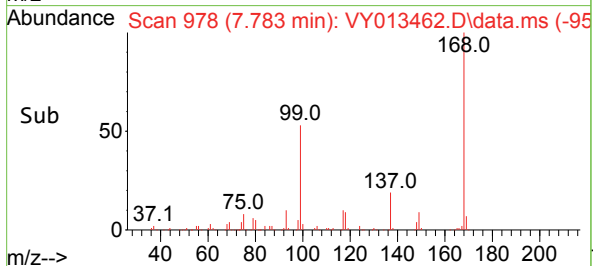
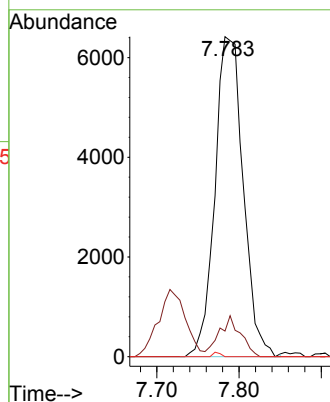
Tgt Ion: 75 Resp: 15348

Ion Ratio Lower Upper

75 100

110 9.6 18.7 56.1#

77 0.4 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.318 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013462.D

Acq: 26 Apr 2023 10:49

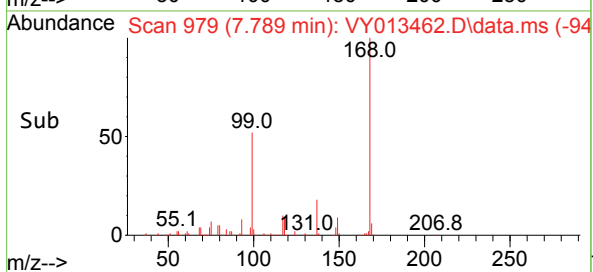
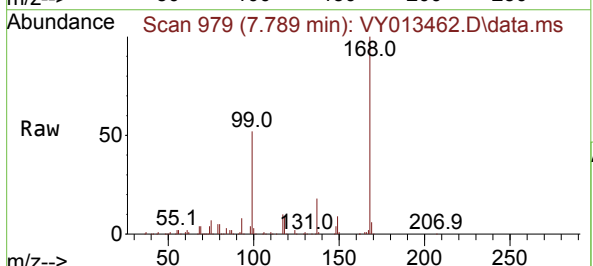
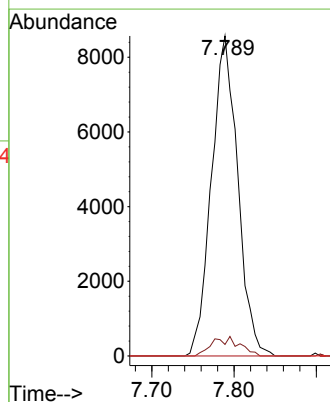
Tgt Ion: 117 Resp: 19032

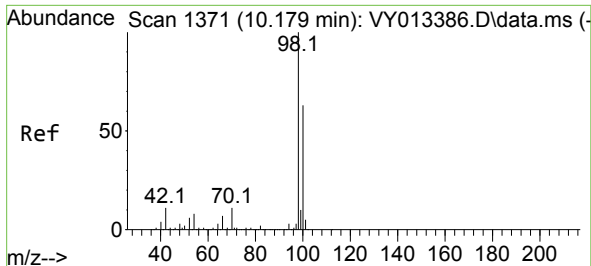
Ion Ratio Lower Upper

117 100

119 3.6 79.0 118.6#

121 0.0 26.6 40.0#

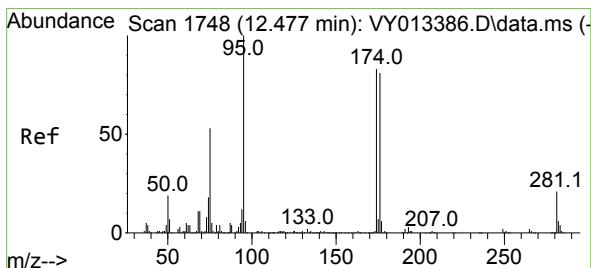
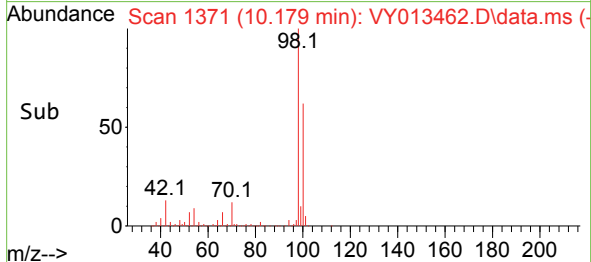
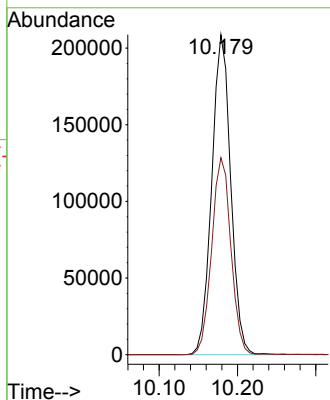
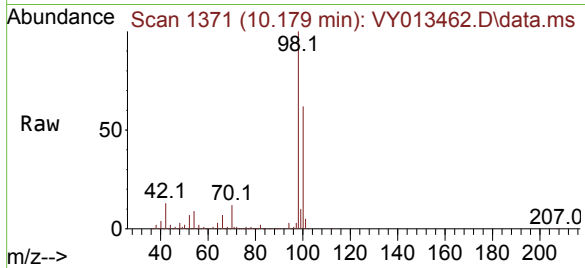




#50
Toluene-d8
Concen: 47.943 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

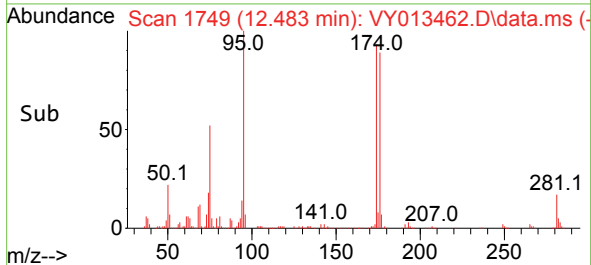
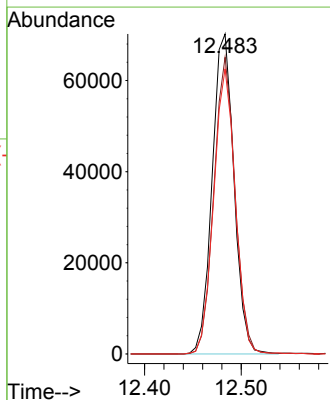
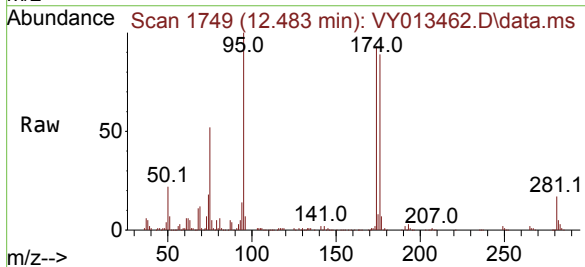
Instrument :
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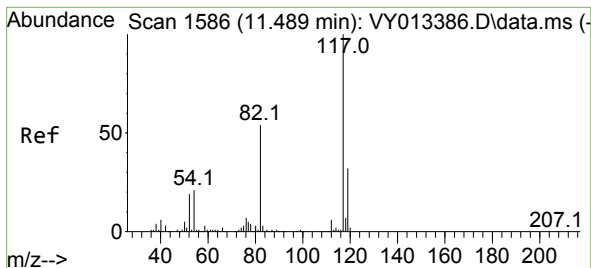
Tgt Ion: 98 Resp: 350923
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.490 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

Tgt Ion: 95 Resp: 109783
Ion Ratio Lower Upper
95 100
174 90.8 0.0 182.0
176 88.3 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013462.D

Acq: 26 Apr 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBL01

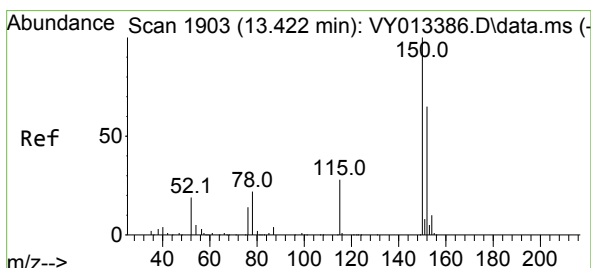
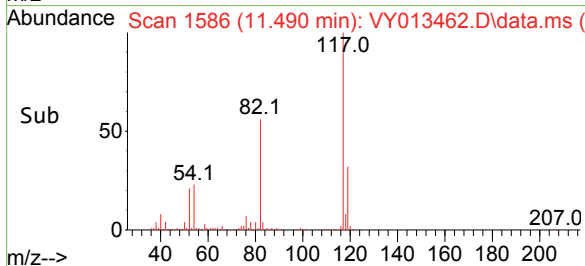
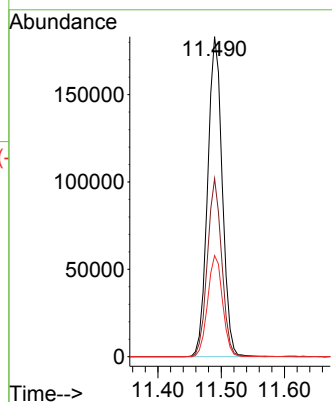
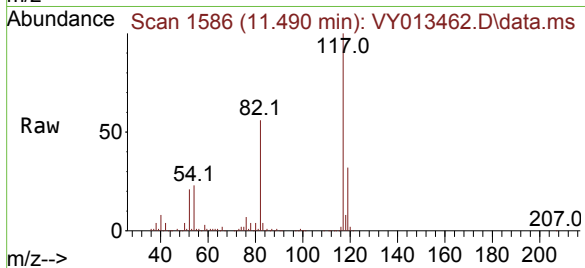
Tgt Ion:117 Resp: 294720

Ion Ratio Lower Upper

117 100

82 55.6 43.0 64.6

119 31.6 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: VY013462.D

Acq: 26 Apr 2023 10:49

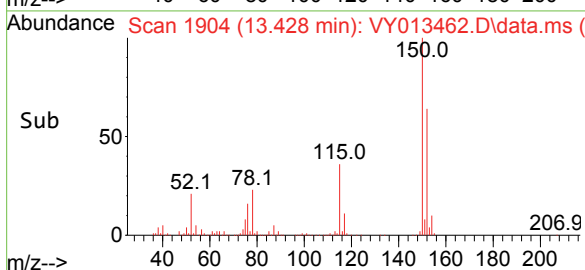
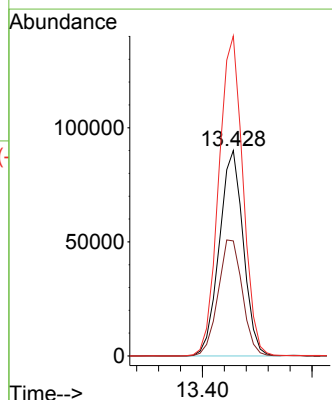
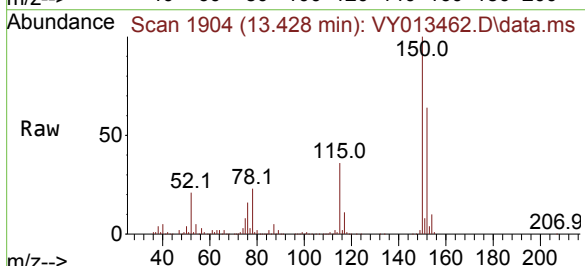
Tgt Ion:152 Resp: 136992

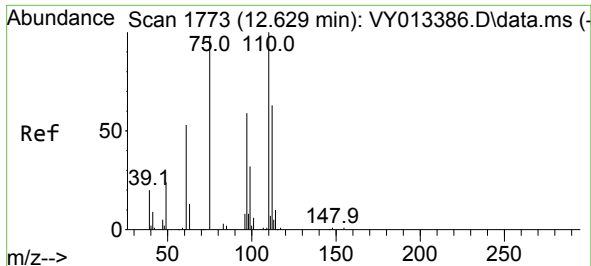
Ion Ratio Lower Upper

152 100

115 57.2 28.1 84.2

150 156.7 0.0 352.0

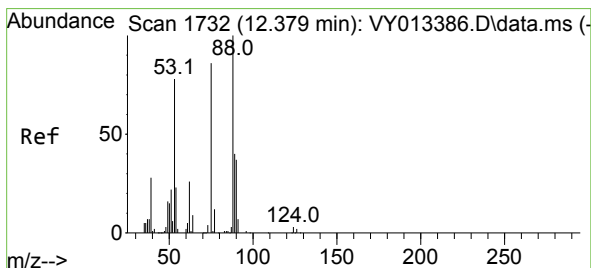
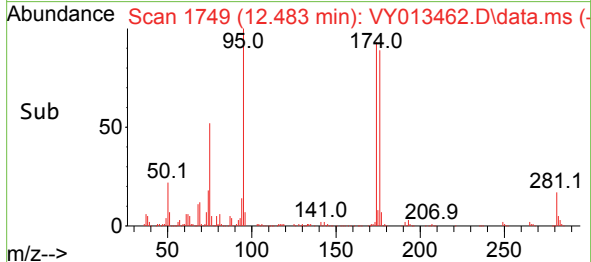
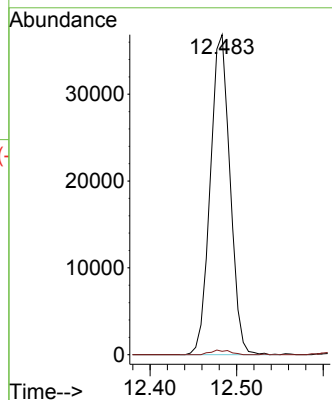
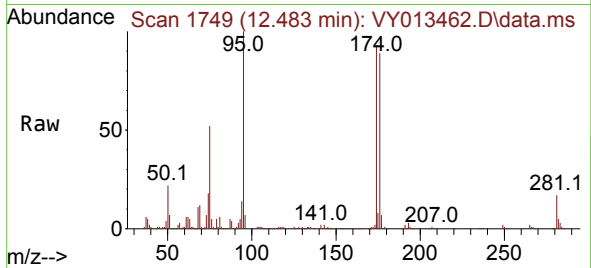




#76
1,2,3-Trichloropropane
Concen: 31.571 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

Tgt Ion: 75 Resp: 58327
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.580 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

Tgt Ion: 75 Resp: 58327
Ion Ratio Lower Upper
75 100
53 0.4 73.2 109.8#
89 0.2 38.0 57.0#

