

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008697.D
 Acq On : 11 May 2022 11:23
 Operator : KP/MD
 Sample : VY0511SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBL01

Quant Time: May 11 13:20:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

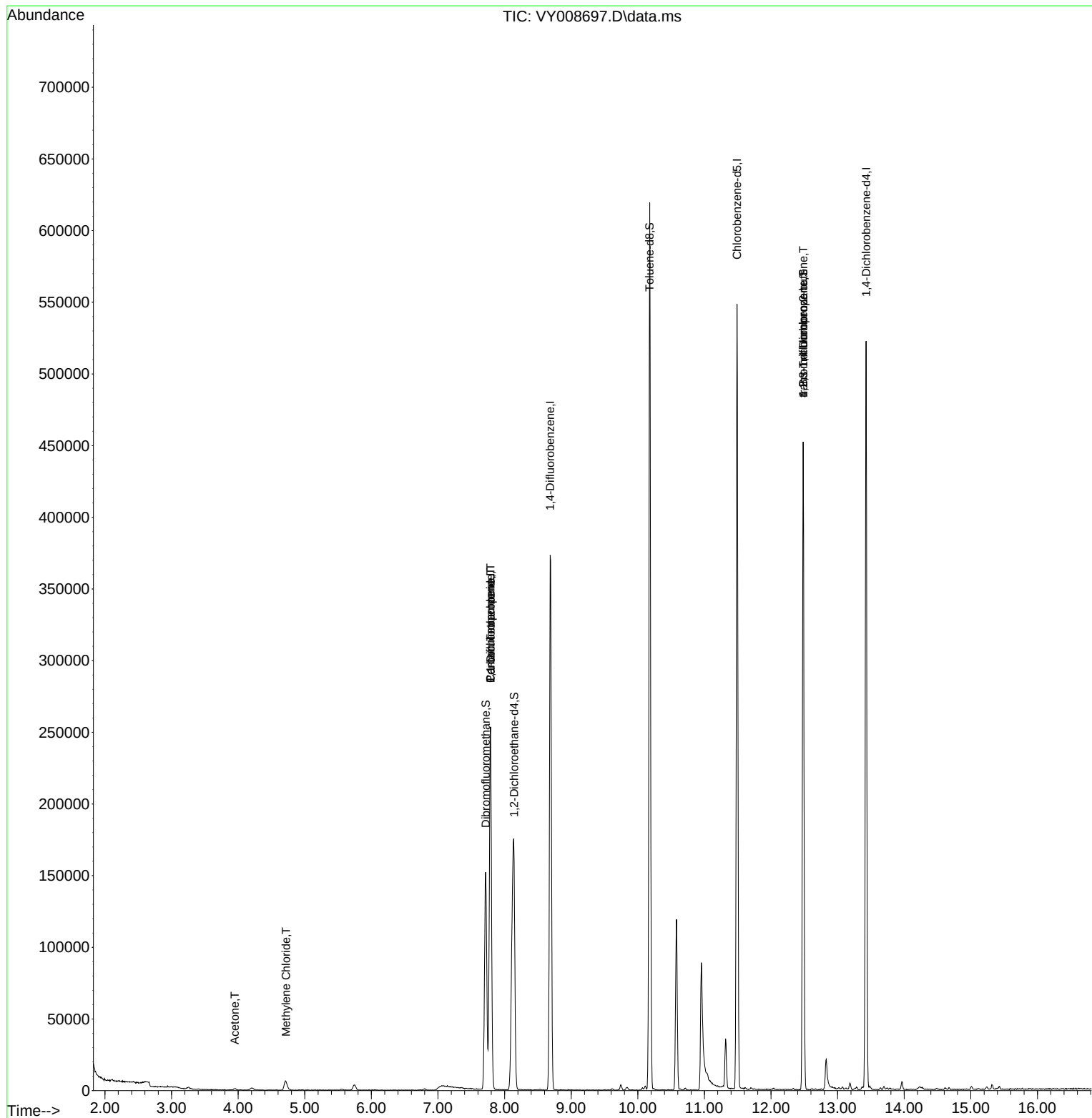
Internal Standards						
1) Pentafluorobenzene	7.789	168	216292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	350263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	322890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	99926	53.918	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.840%			
35) Dibromofluoromethane	7.716	113	108983	50.491	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.980%			
50) Toluene-d8	10.179	98	406593	53.454	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.900%			
62) 4-Bromofluorobenzene	12.483	95	127713	46.670	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.340%			
Target Compounds						
11) Tert butyl alcohol	4.954	59	324	Below Cal	#	77
16) Acetone	3.948	43	2069	4.732	ug/l	99
18) Methyl Acetate	4.460	43	77	Below Cal	#	56
20) Methylene Chloride	4.716	84	5541	2.087	ug/l	# 63
36) 1,1-Dichloropropene	7.789	75	13973	4.029	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	19281	5.497	ug/l	# 14
76) 1,2,3-Trichloropropane	12.483	75	60633	37.071	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	60633	73.755	ug/l	# 7

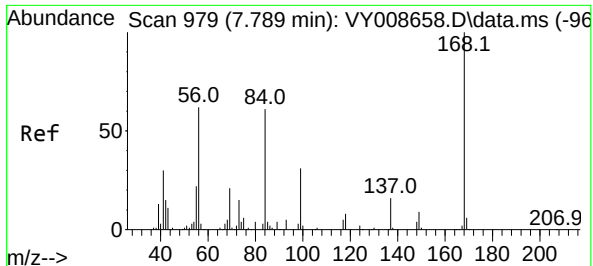
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
Data File : VY008697.D
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Sample : VY0511SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

Quant Time: May 11 13:20:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

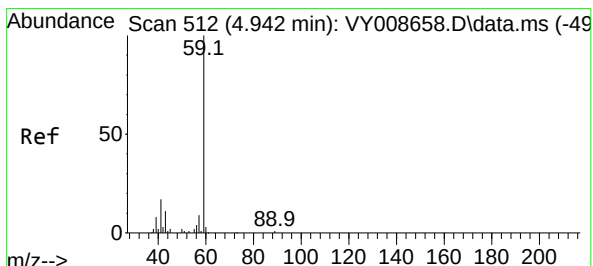
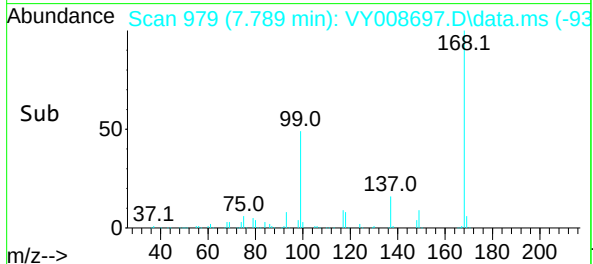
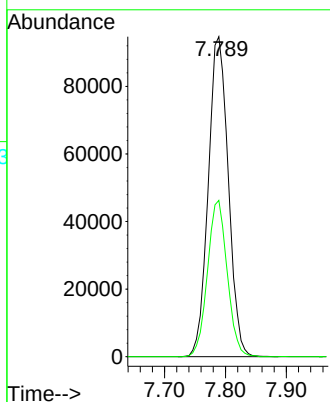
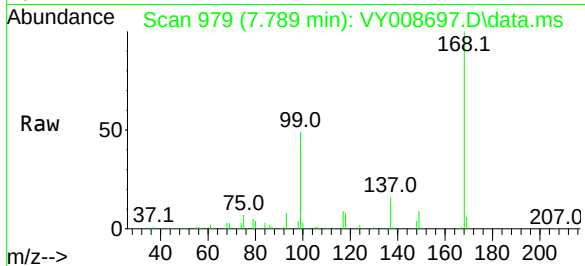




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008697.D
Acq: 11 May 2022 11:23

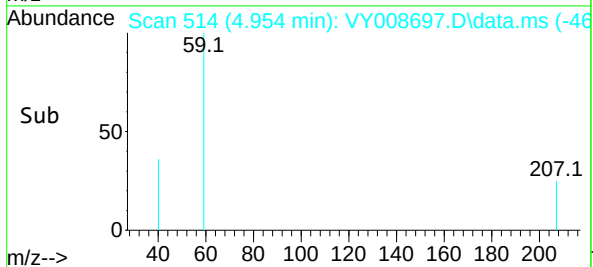
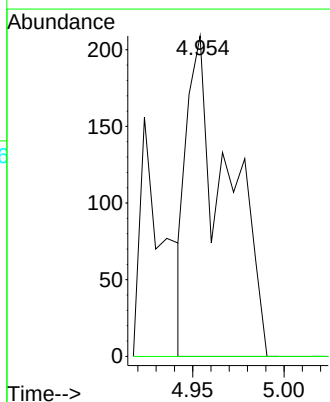
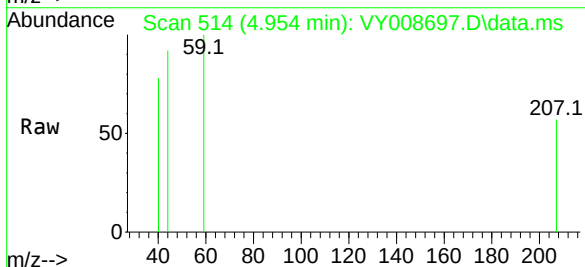
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

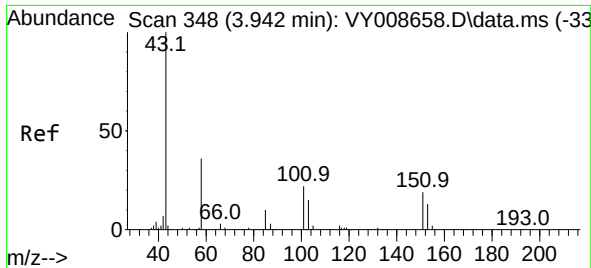
Tgt Ion:168 Resp: 216292
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY008697.D
Acq: 11 May 2022 11:23

Tgt Ion: 59 Resp: 324
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

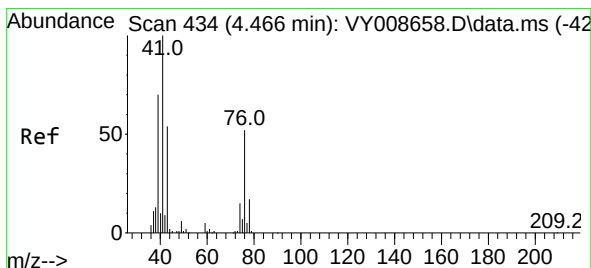
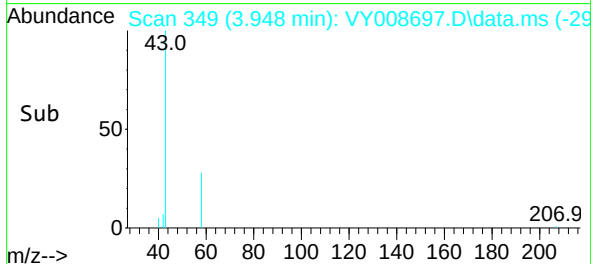
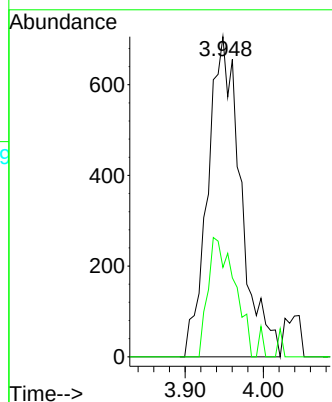
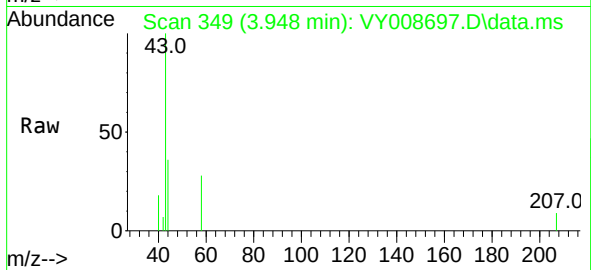




#16
Acetone
Concen: 4.732 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008697.D
Acq: 11 May 2022 11:23

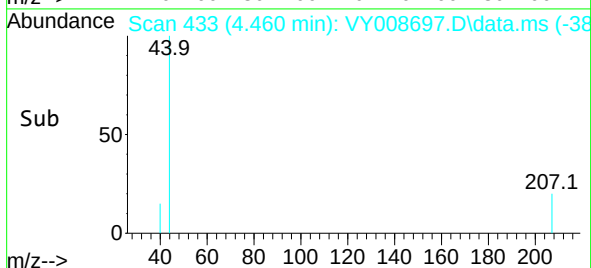
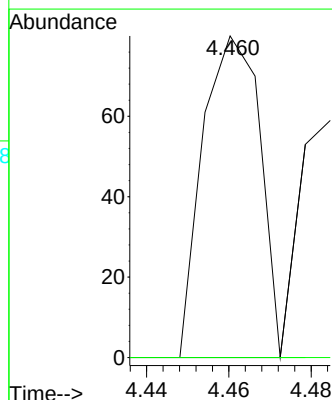
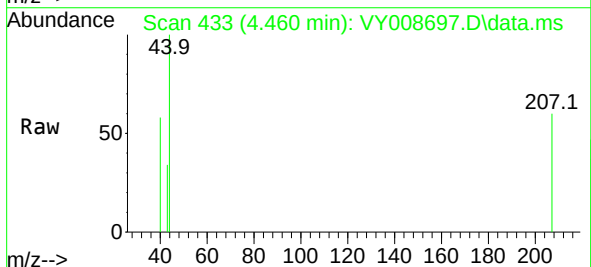
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

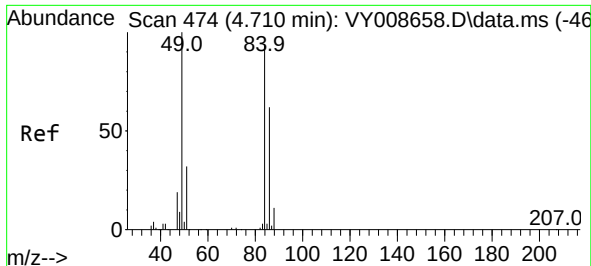
Tgt Ion: 43 Resp: 2069
Ion Ratio Lower Upper
43 100
58 27.9 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY008697.D
Acq: 11 May 2022 11:23

Tgt Ion: 43 Resp: 77
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: 2.087 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY008697.D

Acq: 11 May 2022 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBL01

Tgt Ion: 84 Resp: 5541

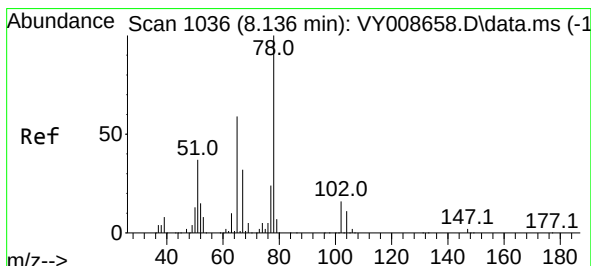
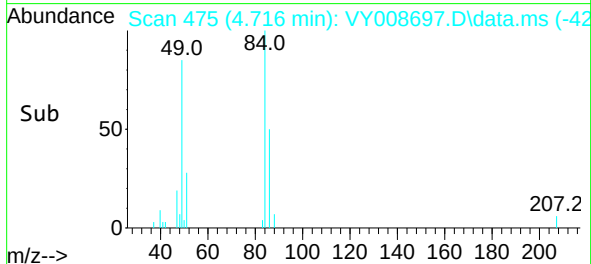
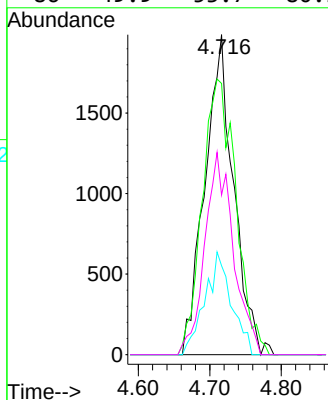
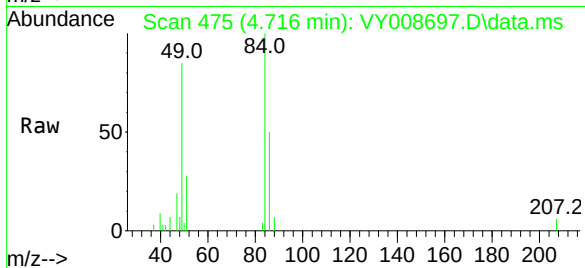
Ion Ratio Lower Upper

84 100

49 84.8 114.4 171.6#

51 27.8 35.3 52.9#

86 49.9 53.7 80.5#



#33

1,2-Dichloroethane-d4

Concen: 53.918 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY008697.D

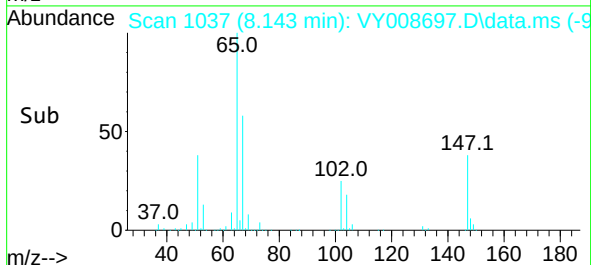
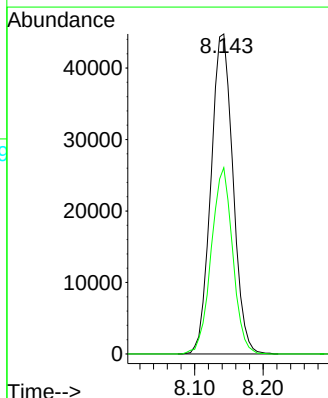
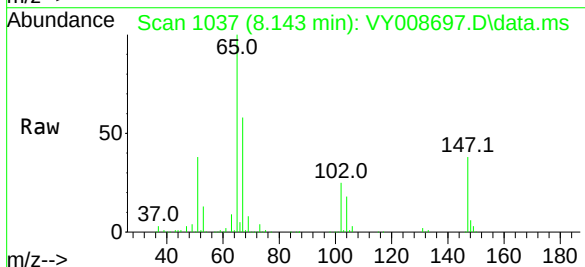
Acq: 11 May 2022 11:23

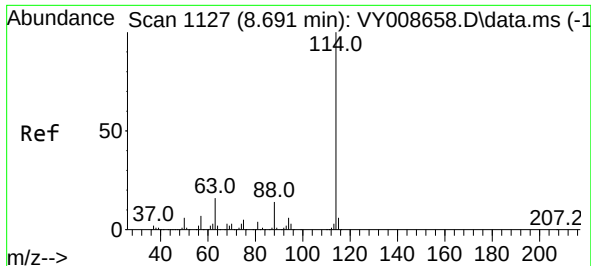
Tgt Ion: 65 Resp: 99926

Ion Ratio Lower Upper

65 100

67 56.7 0.0 99.4

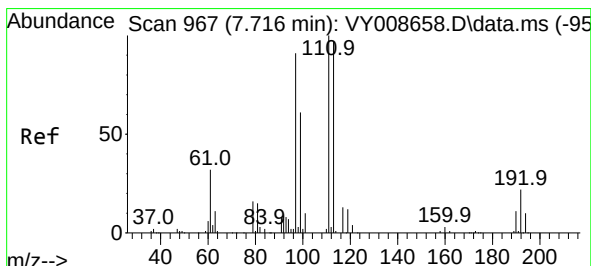
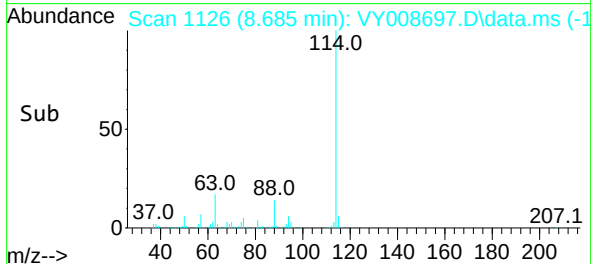
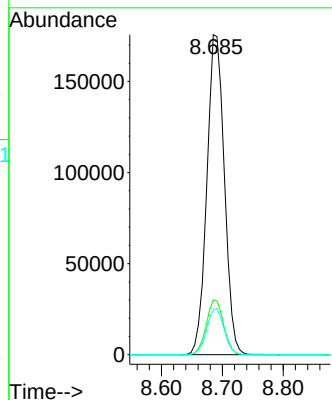
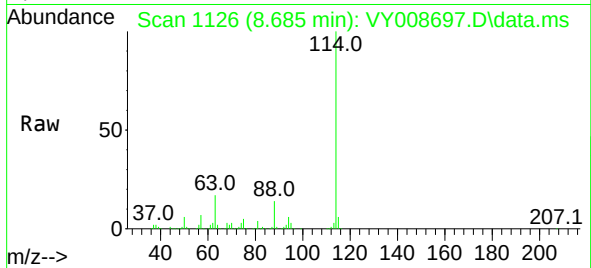




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY008697.D
Acq: 11 May 2022 11:23

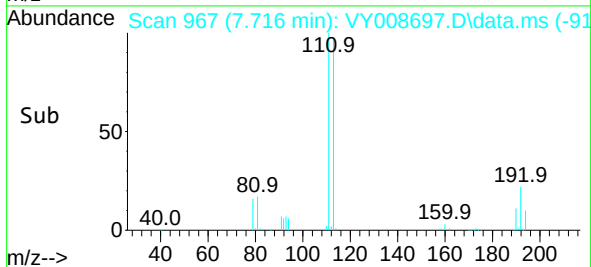
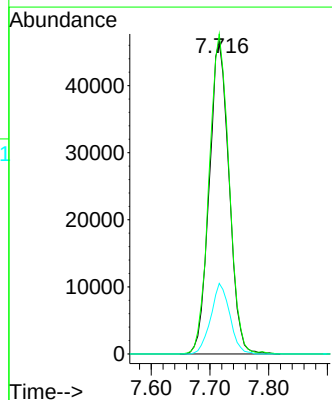
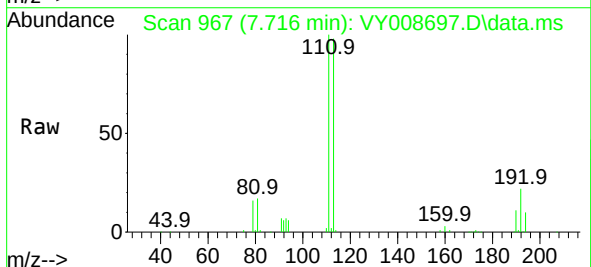
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

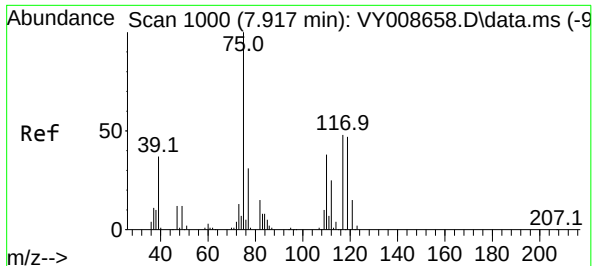
Tgt Ion:114 Resp: 350263
Ion Ratio Lower Upper
114 100
63 17.1 0.0 43.2
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.491 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008697.D
Acq: 11 May 2022 11:23

Tgt Ion:113 Resp: 108983
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 21.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.029 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008697.D

Acq: 11 May 2022 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBL01

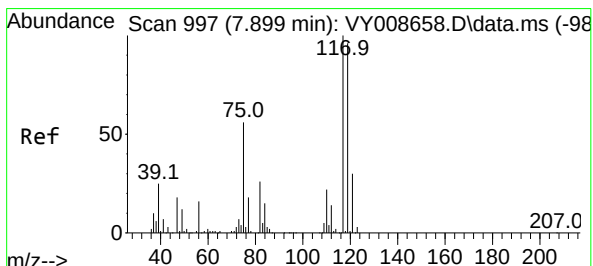
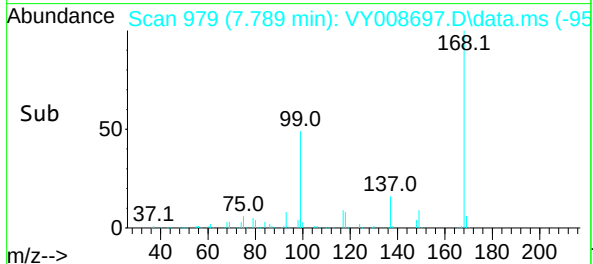
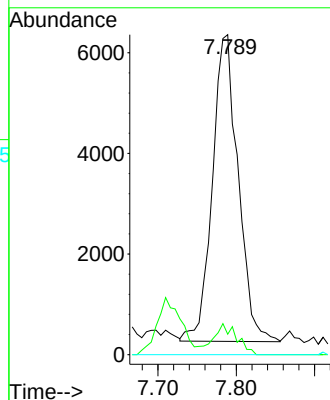
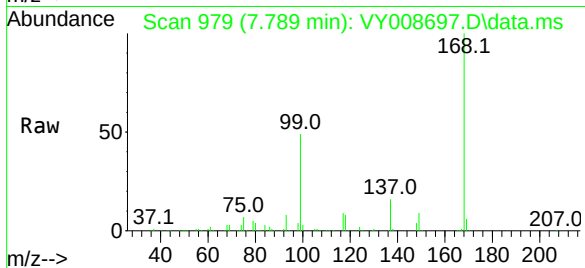
Tgt Ion: 75 Resp: 13973

Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.497 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008697.D

Acq: 11 May 2022 11:23

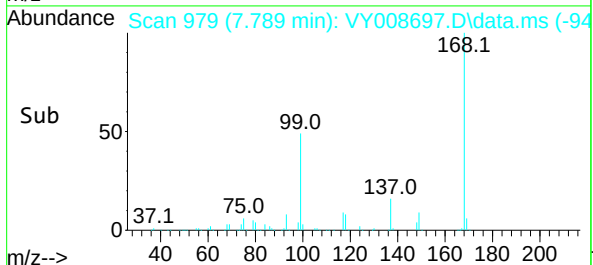
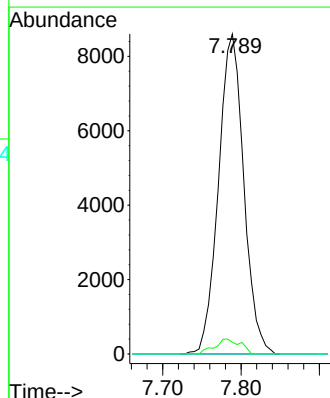
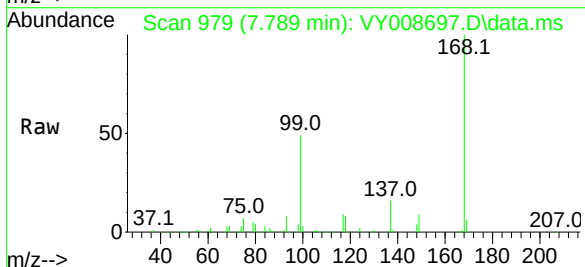
Tgt Ion: 117 Resp: 19281

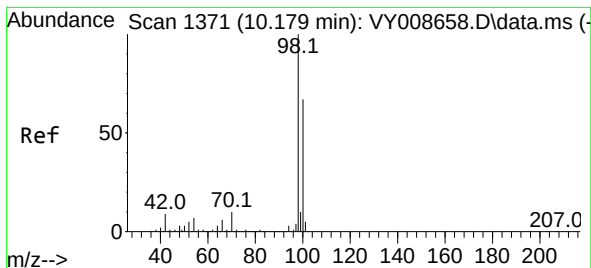
Ion Ratio Lower Upper

117 100

119 3.7 77.9 116.9#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 53.454 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008697.D

Acq: 11 May 2022 11:23

Instrument :

MSVOA_Y

ClientSampleId :

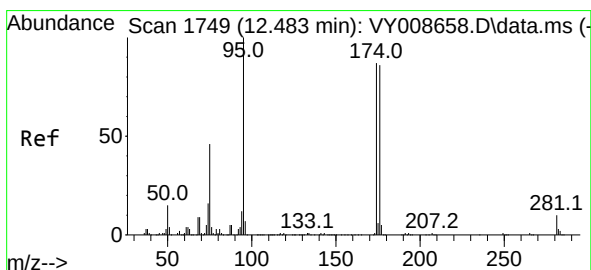
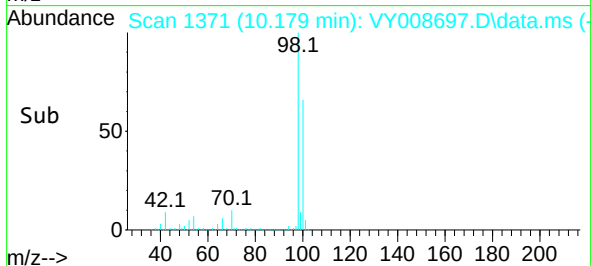
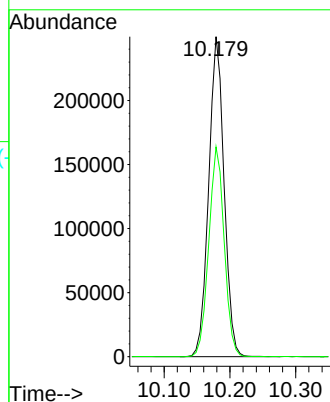
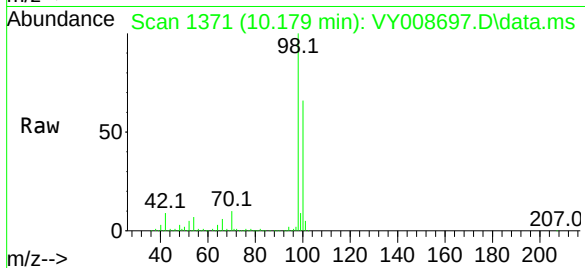
VY0511SBL01

Tgt Ion: 98 Resp: 406593

Ion Ratio Lower Upper

98 100

100 65.8 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 46.670 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008697.D

Acq: 11 May 2022 11:23

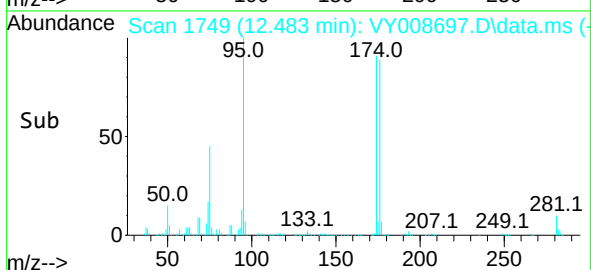
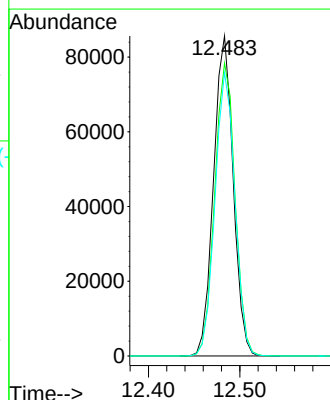
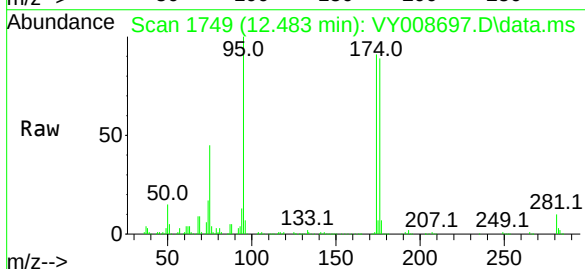
Tgt Ion: 95 Resp: 127713

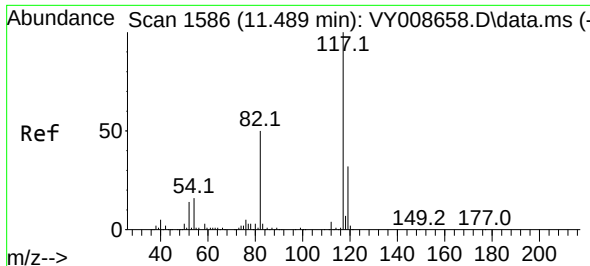
Ion Ratio Lower Upper

95 100

174 94.7 0.0 177.0

176 90.0 0.0 175.8

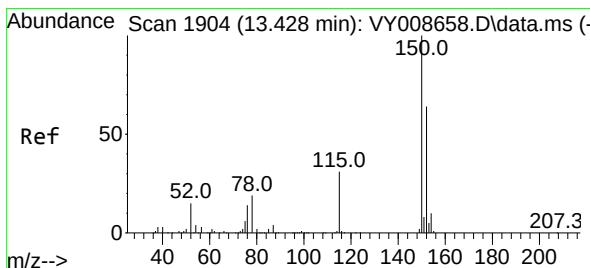
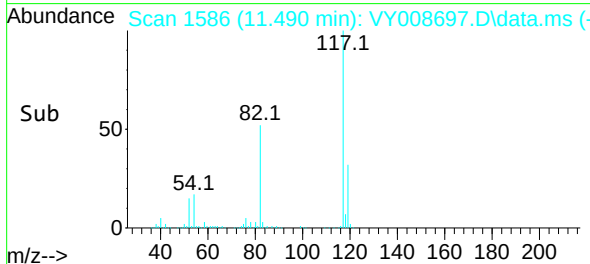
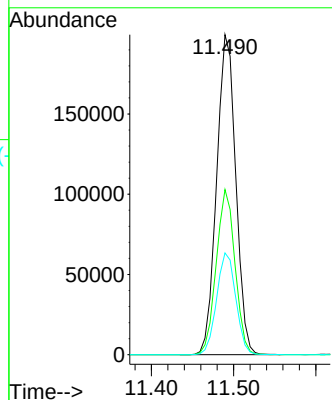
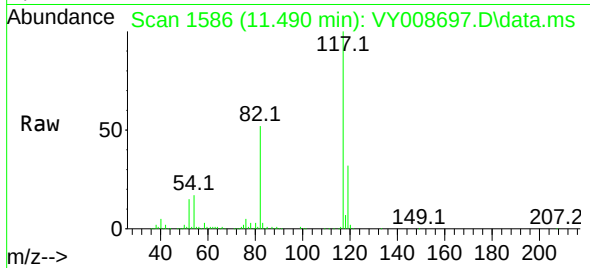




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008697.D
Acq: 11 May 2022 11:23

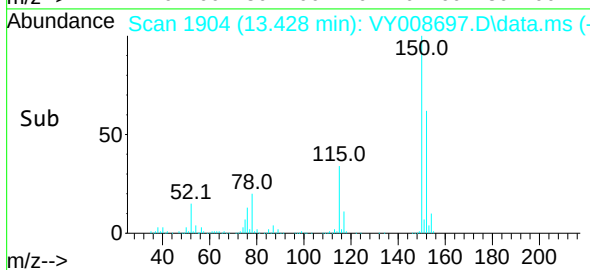
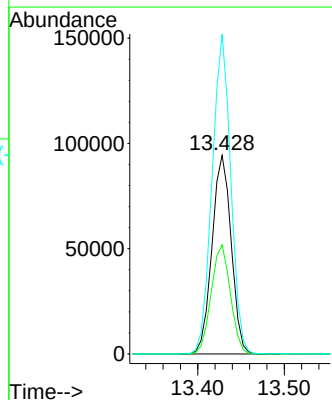
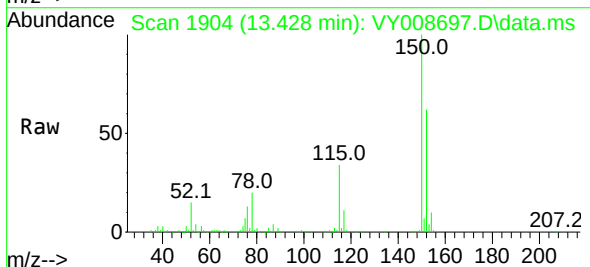
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

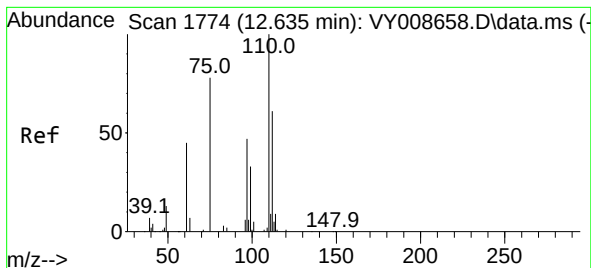
Tgt Ion:117 Resp: 322890
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008697.D
Acq: 11 May 2022 11:23

Tgt Ion:152 Resp: 145093
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 156.8 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 37.071 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008697.D

Acq: 11 May 2022 11:23

Instrument :

MSVOA_Y

ClientSampleId :

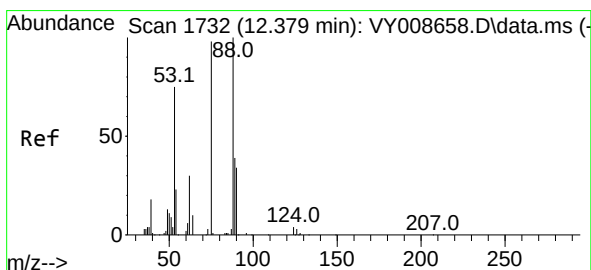
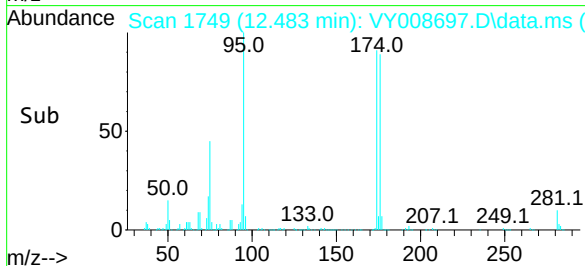
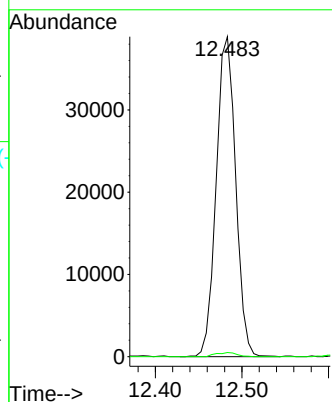
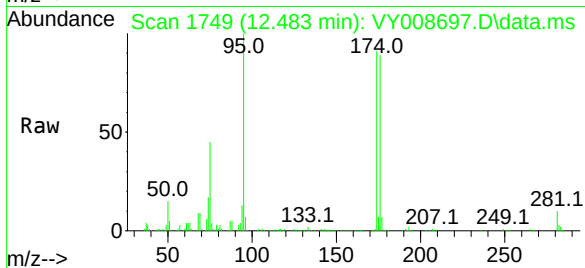
VY0511SBL01

Tgt Ion: 75 Resp: 60633

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.755 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY008697.D

Acq: 11 May 2022 11:23

Tgt Ion: 75 Resp: 60633

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 0.1 37.0 55.4#

