

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012599.D
 Acq On : 14 Feb 2023 19:42
 Operator : KP/MD
 Sample : 01552-11
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-0-2.0

Quant Time: Feb 15 01:34:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

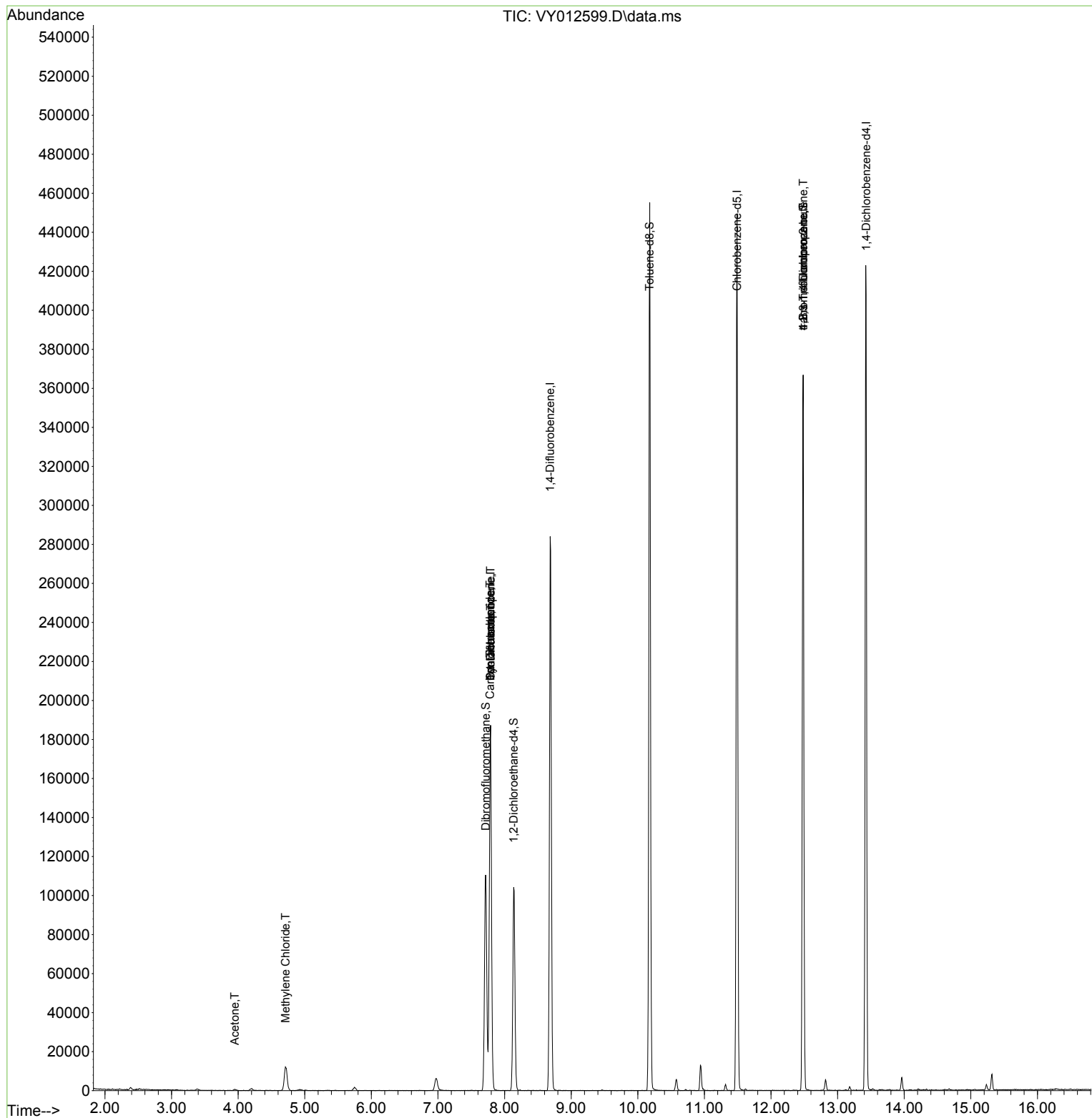
Internal Standards						
1) Pentafluorobenzene	7.789	168	149659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	252711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87236	45.839	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.680%		
35) Dibromofluoromethane	7.716	113	75302	40.906	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.820%		
50) Toluene-d8	10.179	98	302260	39.449	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	78.900%		
62) 4-Bromofluorobenzene	12.483	95	99972	37.407	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	74.820%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.924	59	327	Below Cal	#	75
16) Acetone	3.948	43	856	1.869	ug/l #	78
20) Methylene Chloride	4.710	84	10574	2.144	ug/l	94
31) Cyclohexane	7.789	56	2664	1.211	ug/l #	20
36) 1,1-Dichloropropene	7.789	75	9440	3.789	ug/l #	49
38) Carbon Tetrachloride	7.783	117	14145	4.230	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	52644	40.106	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52644	90.442	ug/l #	12

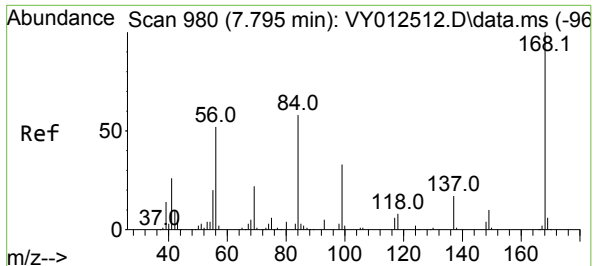
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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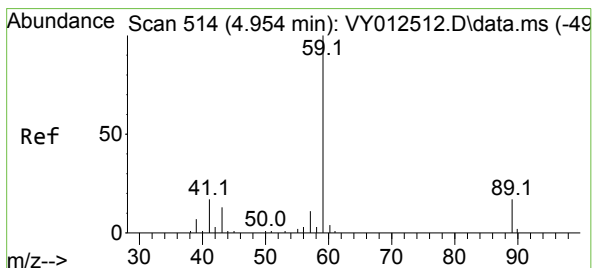
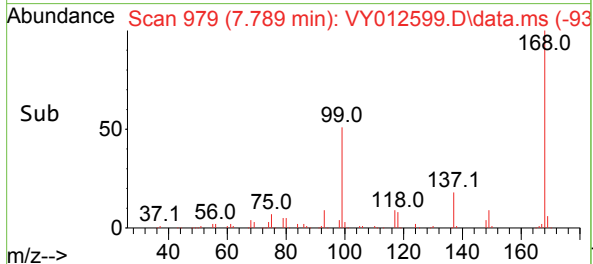
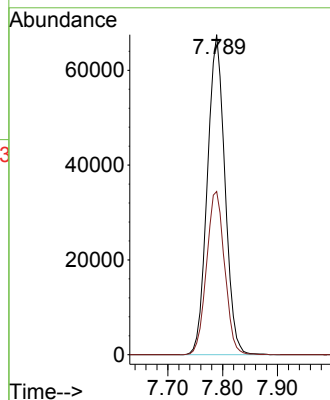
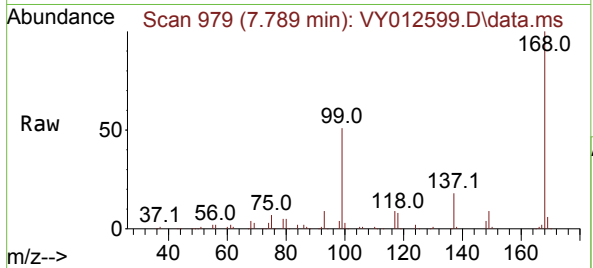




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012599.D
Acq: 14 Feb 2023 19:42

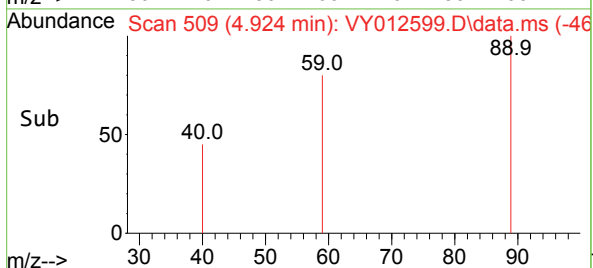
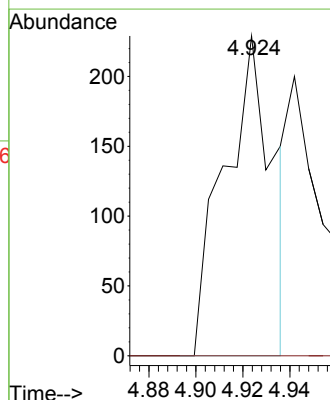
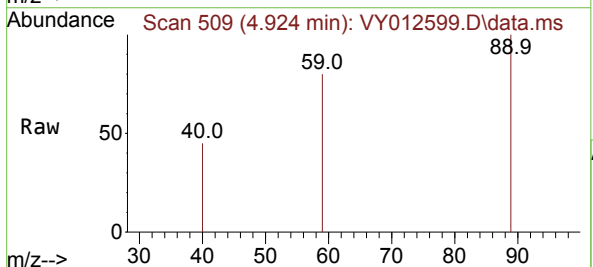
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0

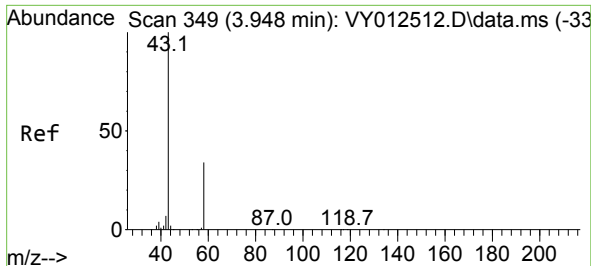
Tgt Ion:168 Resp: 149659
Ion Ratio Lower Upper
168 100
99 51.0 40.8 61.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY012599.D
Acq: 14 Feb 2023 19:42

Tgt Ion: 59 Resp: 327
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#16

Acetone

Concen: 1.869 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY012599.D

Acq: 14 Feb 2023 19:42

Instrument :

MSVOA_Y

ClientSampleId :

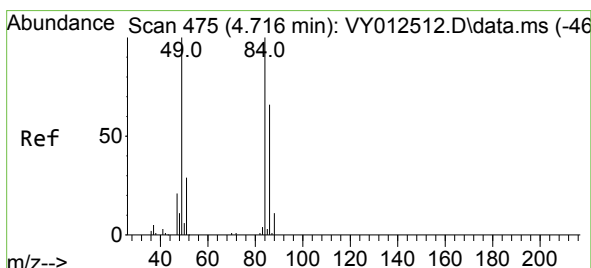
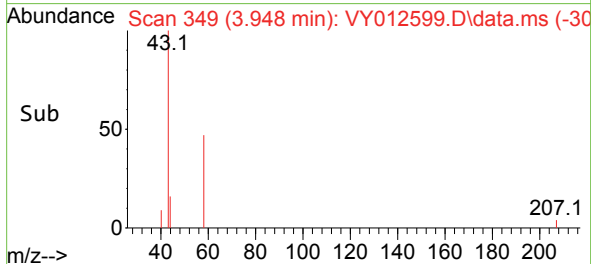
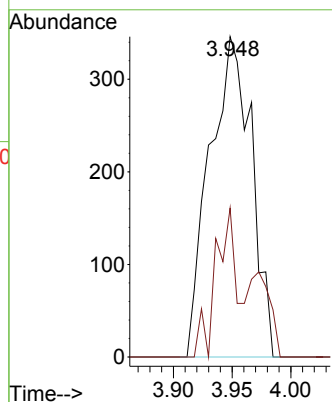
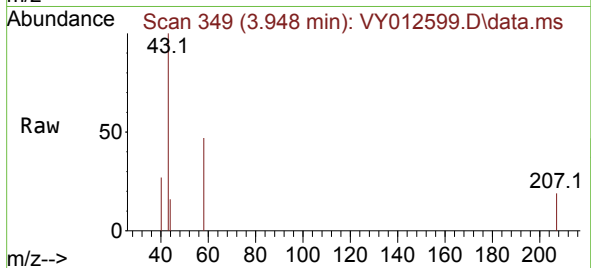
SB-06-0-2.0

Tgt Ion: 43 Resp: 856

Ion Ratio Lower Upper

43 100

58 46.5 27.1 40.7#



#20

Methylene Chloride

Concen: 2.144 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012599.D

Acq: 14 Feb 2023 19:42

Tgt Ion: 84 Resp: 10574

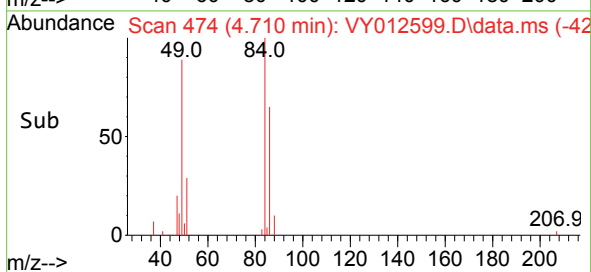
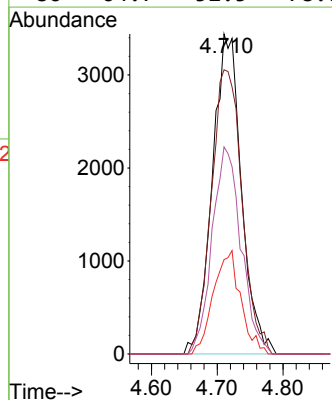
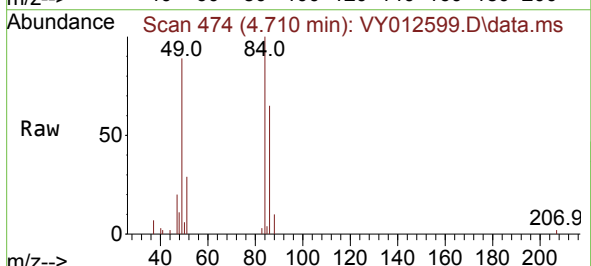
Ion Ratio Lower Upper

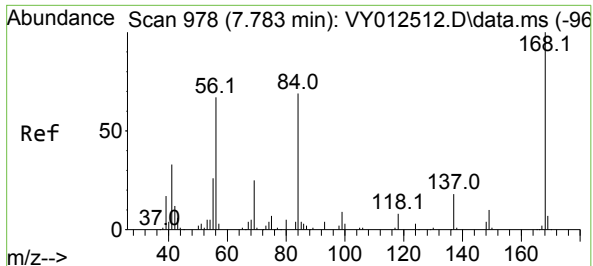
84 100

49 88.8 79.8 119.6

51 29.5 23.4 35.2

86 64.7 52.5 78.7

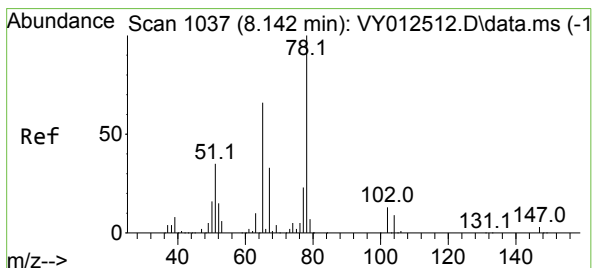
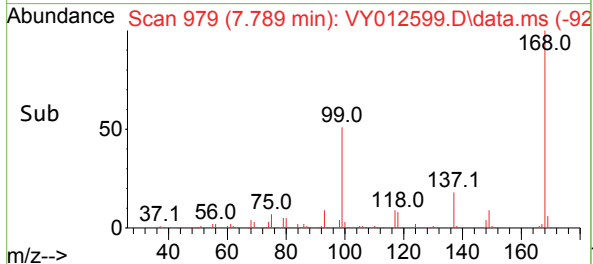
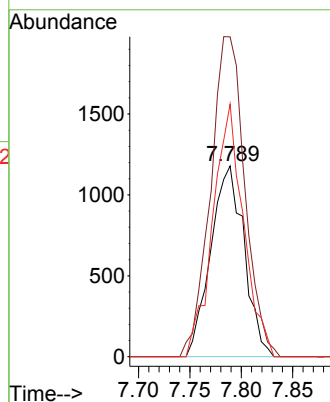
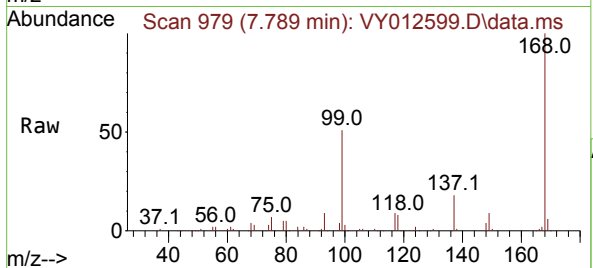




#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012599.D
Acq: 14 Feb 2023 19:42

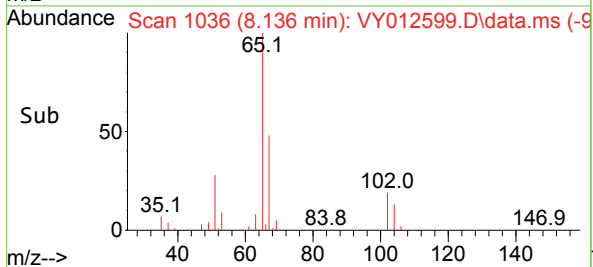
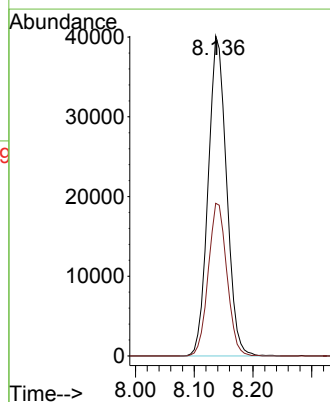
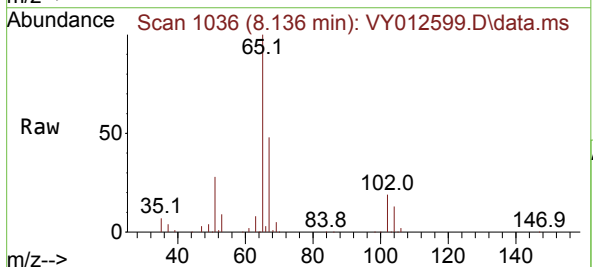
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0

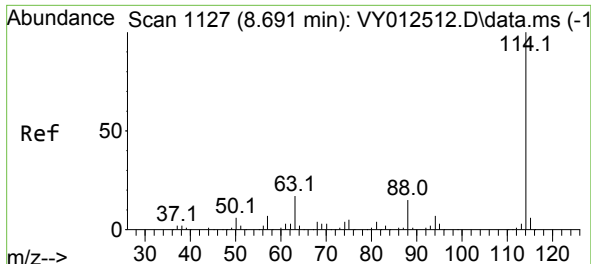
Tgt Ion: 56 Resp: 2664
Ion Ratio Lower Upper
56 100
69 167.7 29.5 44.3#
84 132.5 81.9 122.9#



#33
1,2-Dichloroethane-d4
Concen: 45.839 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012599.D
Acq: 14 Feb 2023 19:42

Tgt Ion: 65 Resp: 87236
Ion Ratio Lower Upper
65 100
67 48.3 0.0 98.6

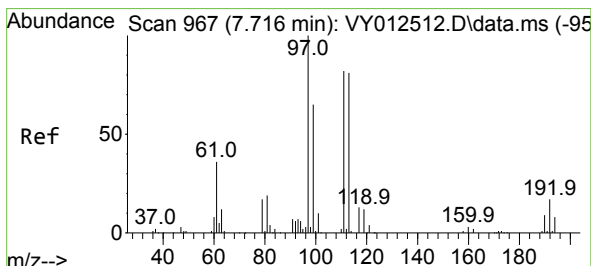
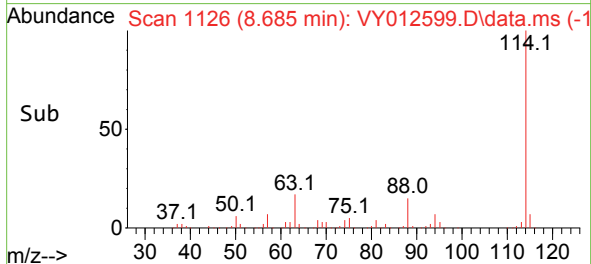
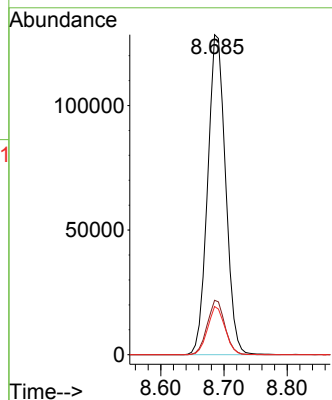
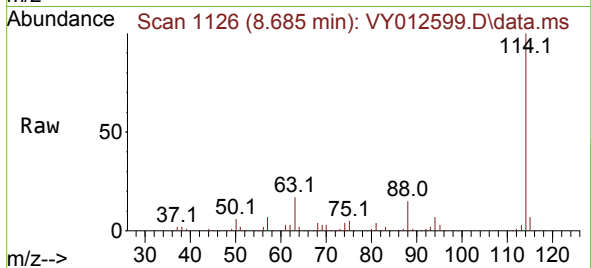




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY012599.D
Acq: 14 Feb 2023 19:42

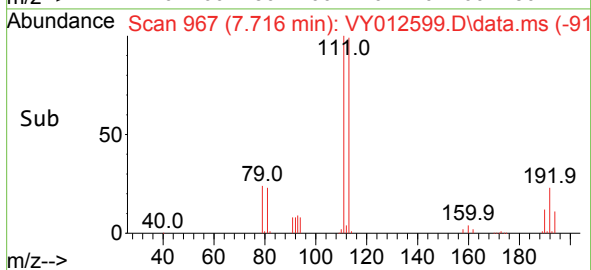
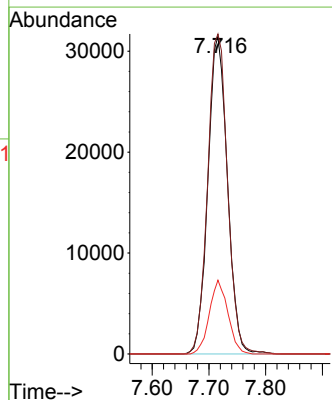
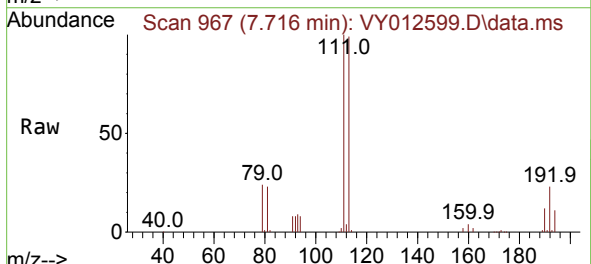
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0

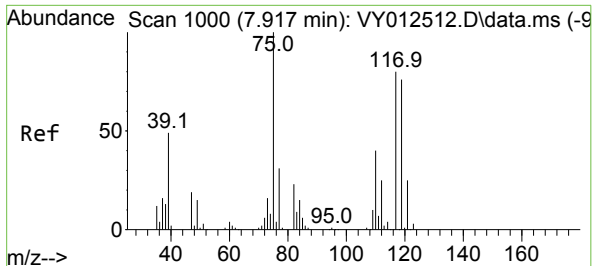
Tgt Ion:114 Resp: 252772
Ion Ratio Lower Upper
114 100
63 17.0 0.0 33.6
88 15.1 0.0 29.8



#35
Dibromofluoromethane
Concen: 40.906 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012599.D
Acq: 14 Feb 2023 19:42

Tgt Ion:113 Resp: 75302
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 22.1 17.5 26.3





#36

1,1-Dichloropropene

Concen: 3.789 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012599.D

Acq: 14 Feb 2023 19:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-06-0-2.0

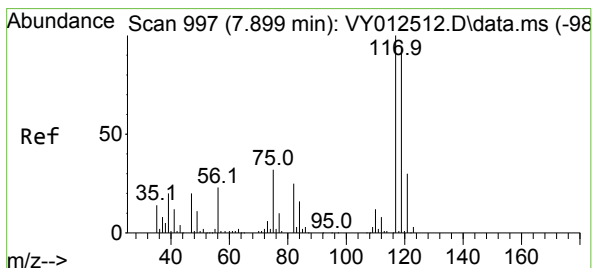
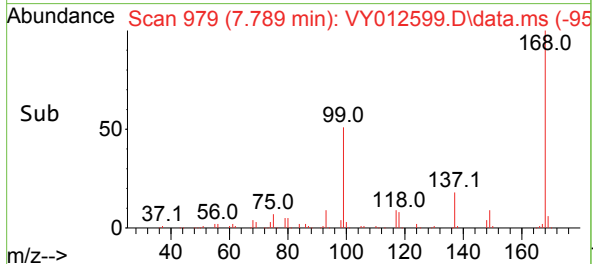
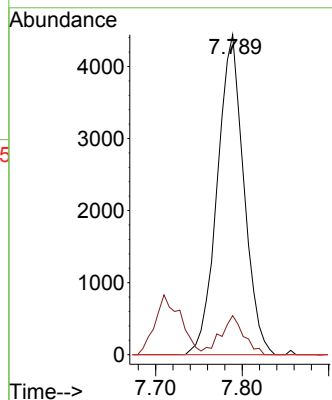
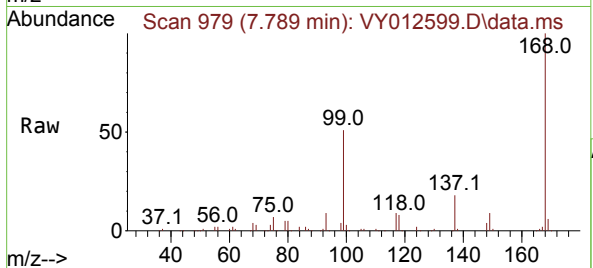
Tgt Ion: 75 Resp: 9440

Ion Ratio Lower Upper

75 100

110 10.7 19.5 58.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.230 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY012599.D

Acq: 14 Feb 2023 19:42

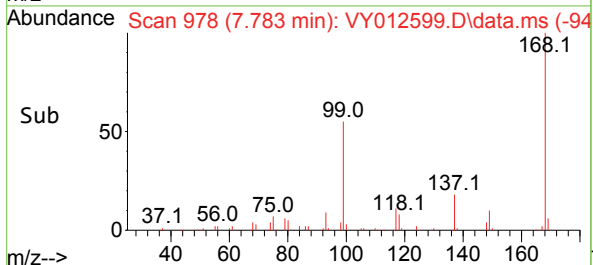
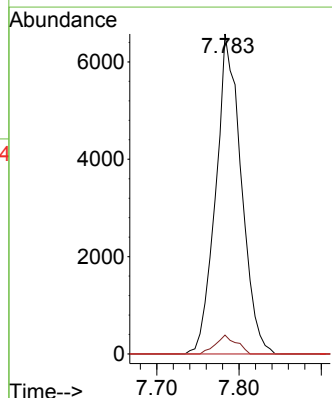
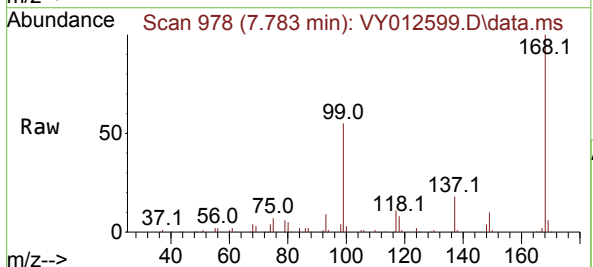
Tgt Ion: 117 Resp: 14145

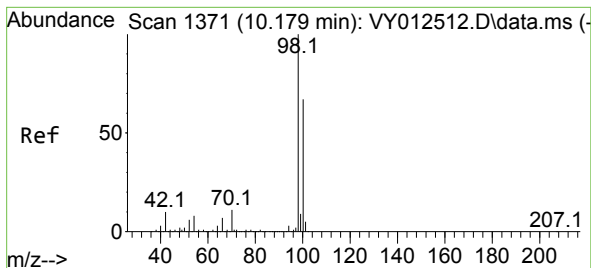
Ion Ratio Lower Upper

117 100

119 5.9 75.1 112.7#

121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 39.449 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012599.D

Acq: 14 Feb 2023 19:42

Instrument :

MSVOA_Y

ClientSampleId :

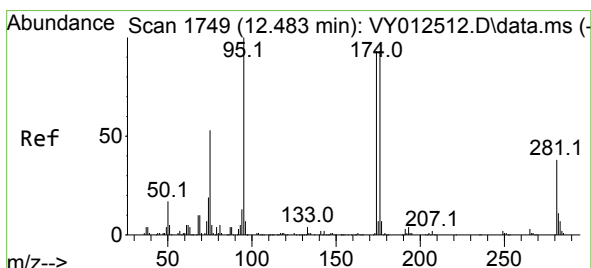
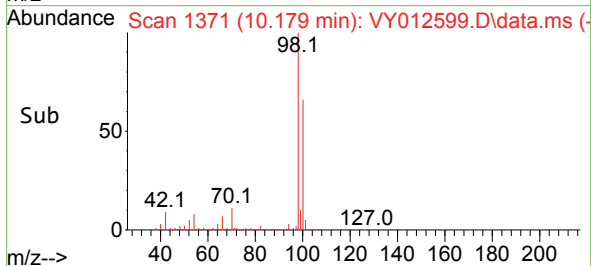
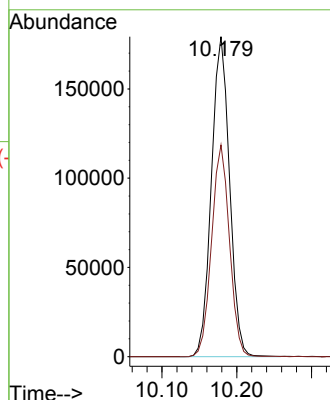
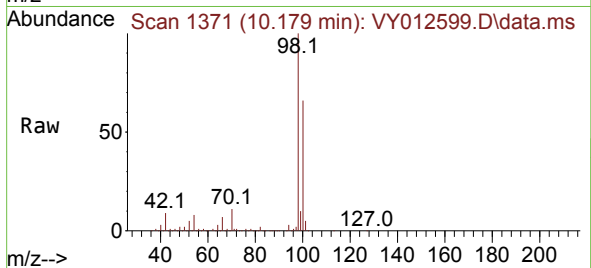
SB-06-0-2.0

Tgt Ion: 98 Resp: 302260

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 37.407 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012599.D

Acq: 14 Feb 2023 19:42

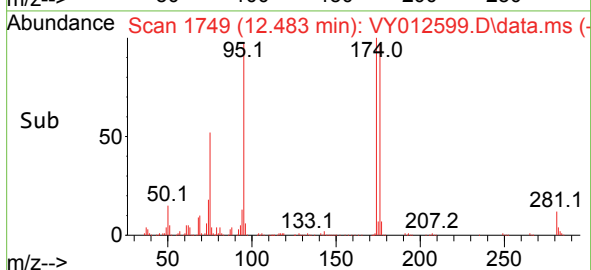
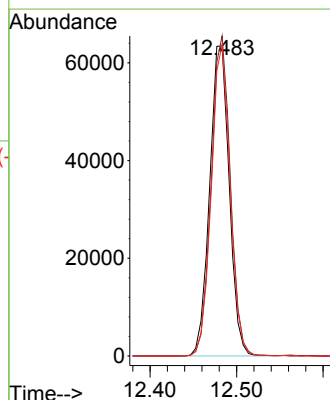
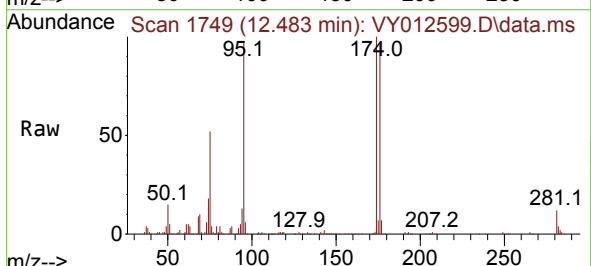
Tgt Ion: 95 Resp: 99972

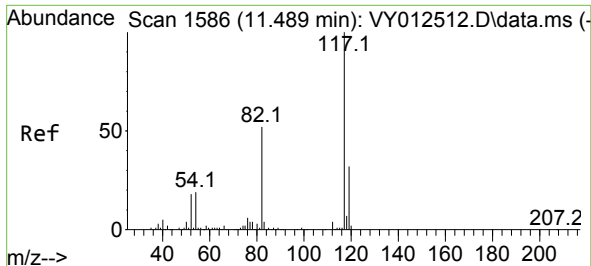
Ion Ratio Lower Upper

95 100

174 100.5 0.0 188.0

176 96.2 0.0 183.6

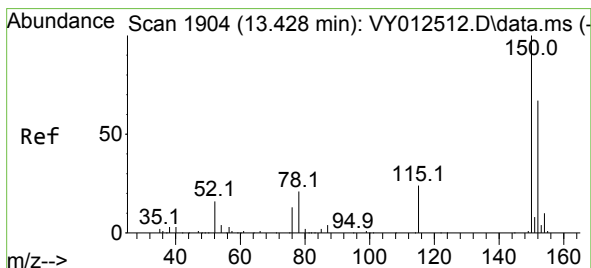
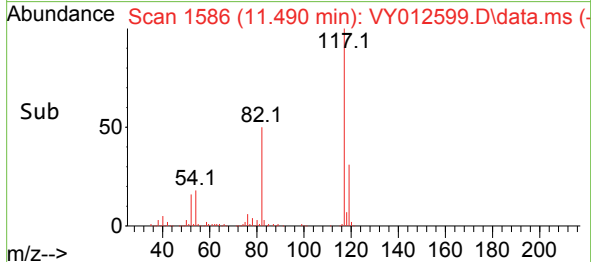
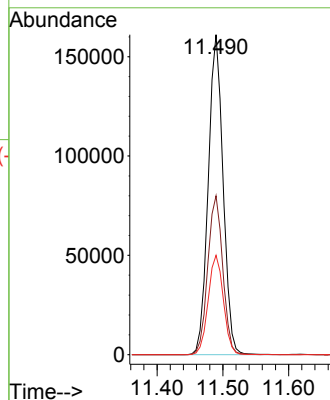
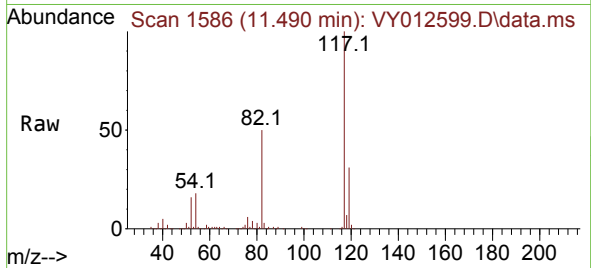




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012599.D
Acq: 14 Feb 2023 19:42

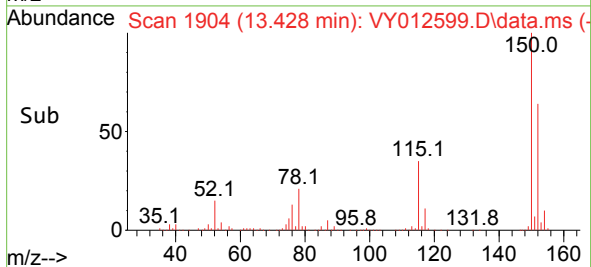
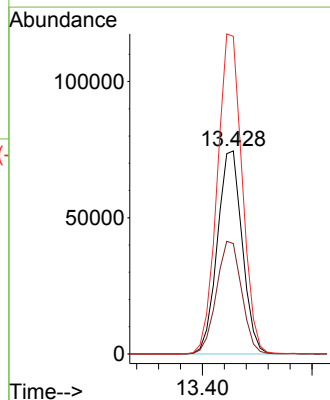
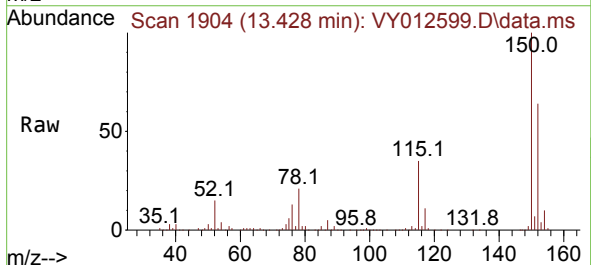
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0

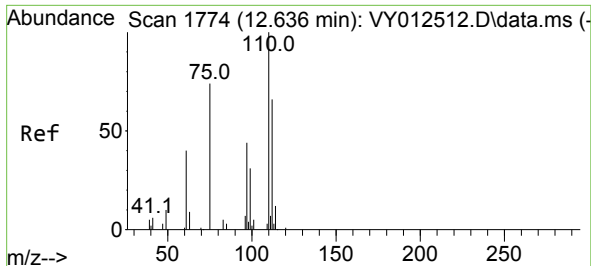
Tgt Ion:117 Resp: 252711
Ion Ratio Lower Upper
117 100
82 49.6 41.7 62.5
119 31.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012599.D
Acq: 14 Feb 2023 19:42

Tgt Ion:152 Resp: 117487
Ion Ratio Lower Upper
152 100
115 56.4 28.1 84.3
150 158.2 0.0 351.0

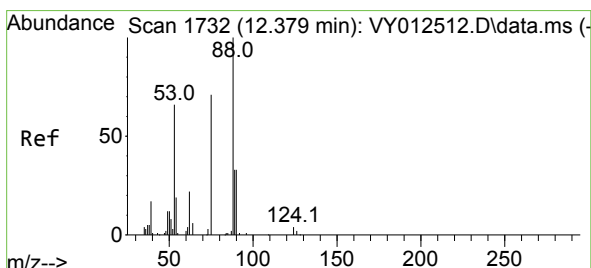
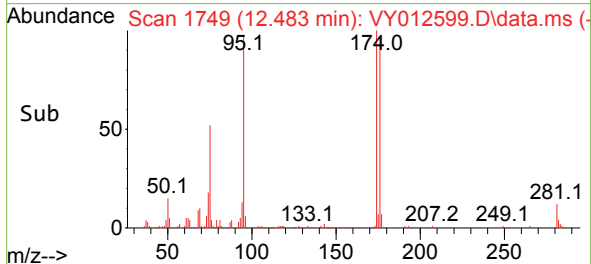
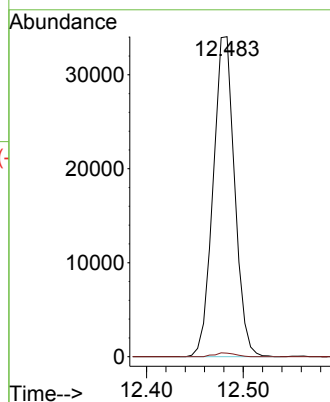
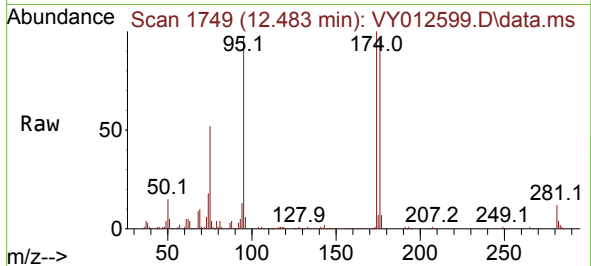




#76
1,2,3-Trichloropropane
Concen: 40.106 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012599.D
Acq: 14 Feb 2023 19:42

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0

Tgt Ion: 75 Resp: 52644
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.442 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012599.D
Acq: 14 Feb 2023 19:42

Tgt Ion: 75 Resp: 52644
Ion Ratio Lower Upper
75 100
53 0.0 73.1 109.7#
89 0.0 39.9 59.9#

