

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009067.D
 Acq On : 24 May 2022 17:16
 Operator : KP/MD
 Sample : N2981-03
 Misc : 2.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15(0.5-1)

Quant Time: May 25 02:55:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

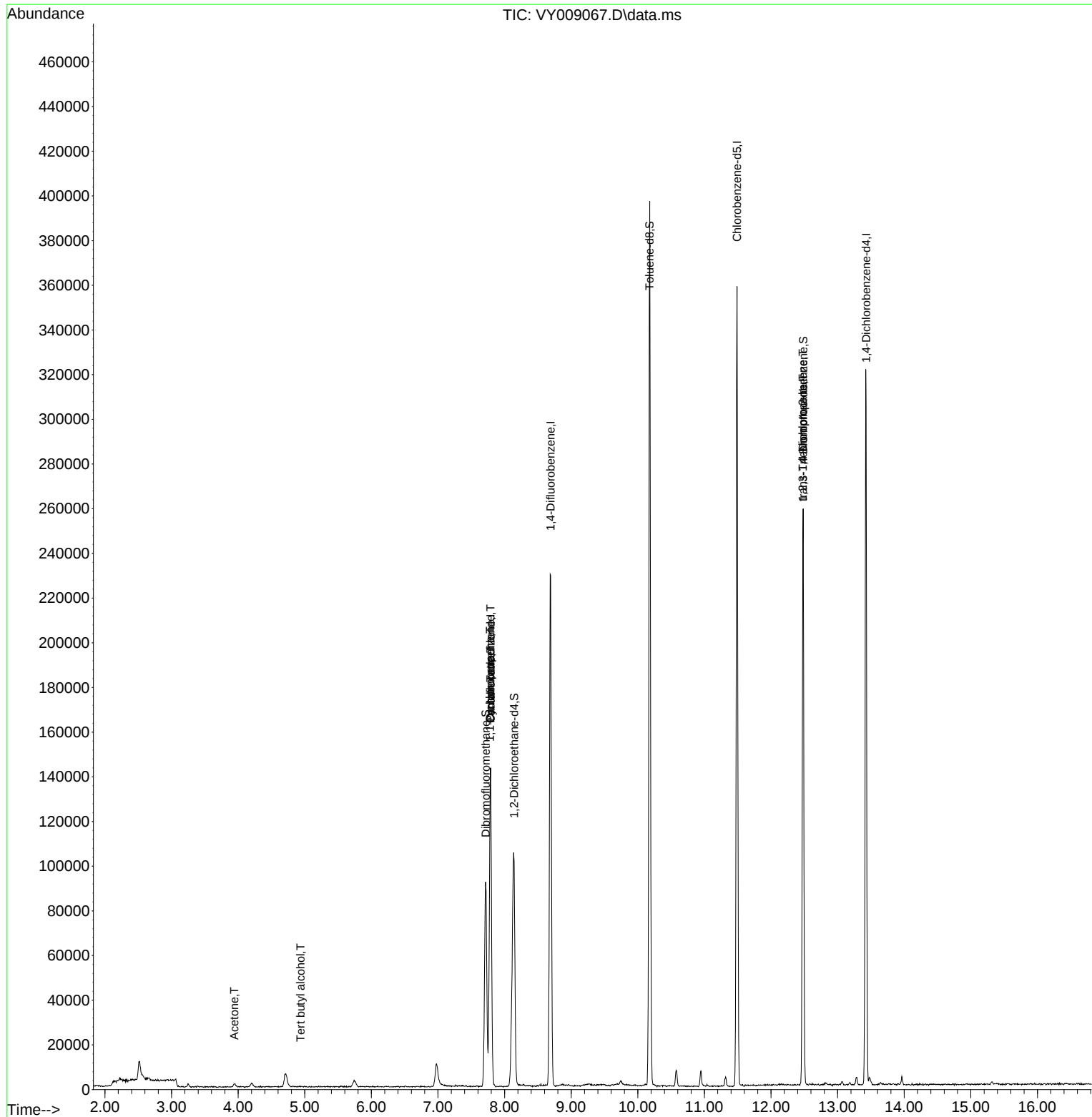
Internal Standards						
1) Pentafluorobenzene	7.789	168	107448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	66508	60.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.280%	
35) Dibromofluoromethane	7.716	113	61982	51.469	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.940%	
50) Toluene-d8	10.179	98	240979	54.241	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.480%	
62) 4-Bromofluorobenzene	12.483	95	69066	38.538	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	427	3.807	ug/l #	77
16) Acetone	3.942	43	2466	10.713	ug/l	92
20) Methylene Chloride	4.704	84	4433	Below Cal	#	74
31) Cyclohexane	7.789	56	2905	1.343	ug/l #	37
36) 1,1-Dichloropropene	7.783	75	9054	4.418	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10997	5.129	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	40036	49.466	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	40036	101.529	ug/l #	7

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

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SB-15(0.5-1)

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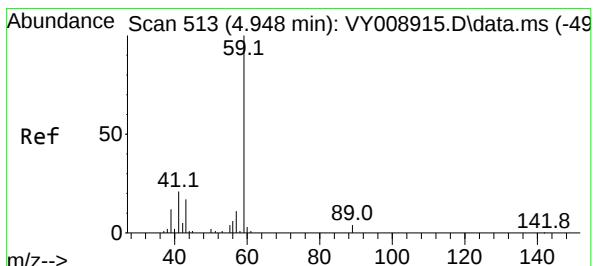
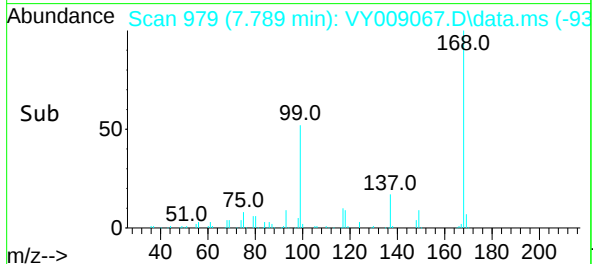
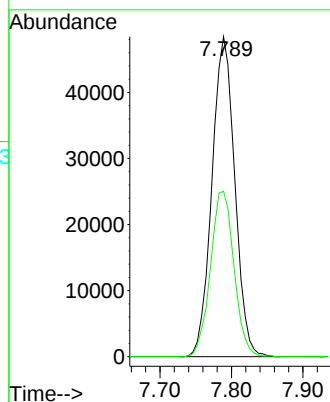
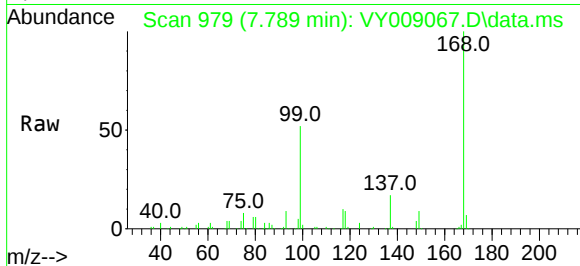




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009067.D
Acq: 24 May 2022 17:16

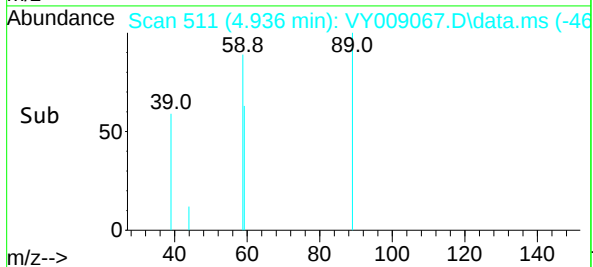
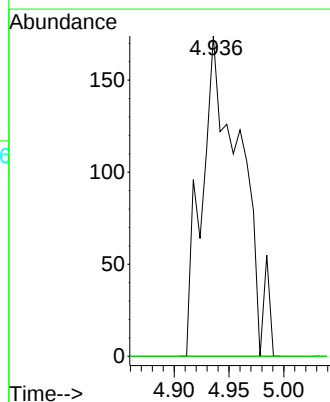
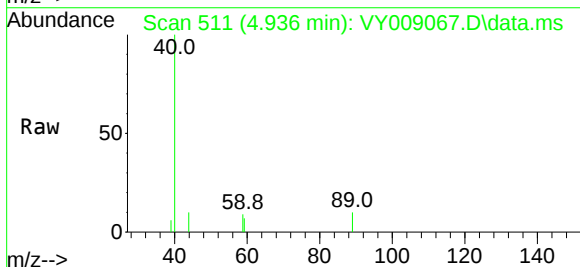
Instrument :
MSVOA_Y
ClientSampleId :
SB-15(0.5-1)

Tgt Ion:168 Resp: 107448
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.807 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009067.D
Acq: 24 May 2022 17:16

Tgt Ion: 59 Resp: 427
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

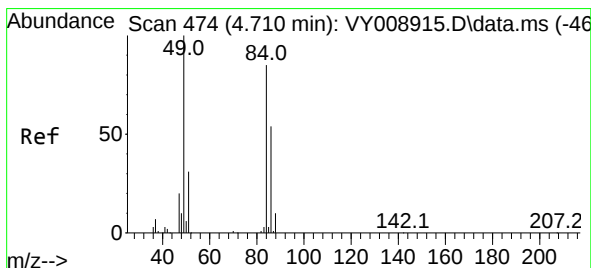
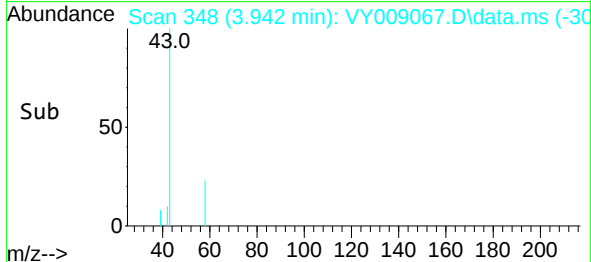
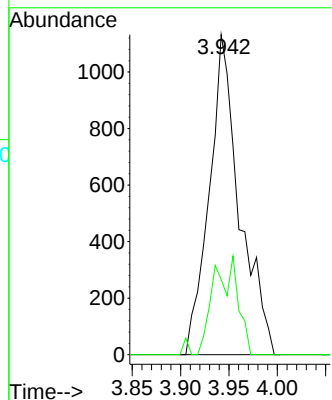
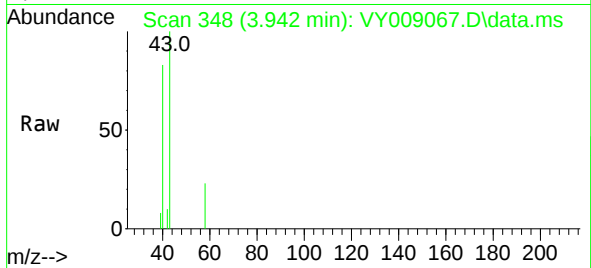




#16
Acetone
Concen: 10.713 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY009067.D
Acq: 24 May 2022 17:16

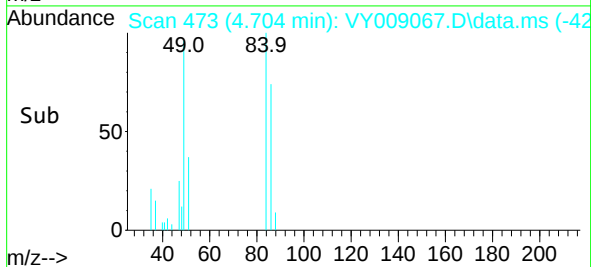
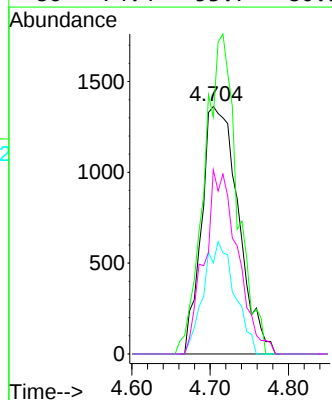
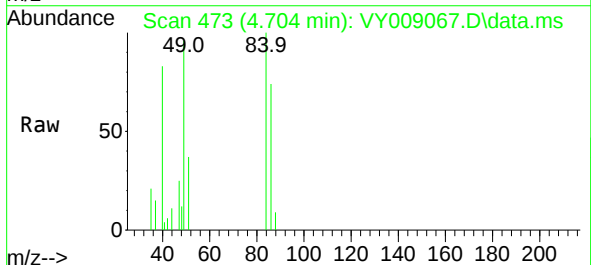
Instrument :
MSVOA_Y
ClientSampleId :
SB-15(0.5-1)

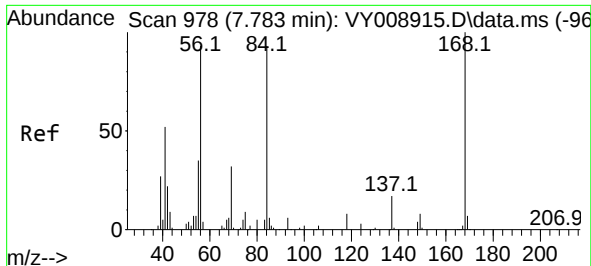
Tgt Ion: 43 Resp: 2466
Ion Ratio Lower Upper
43 100
58 23.5 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009067.D
Acq: 24 May 2022 17:16

Tgt Ion: 84 Resp: 4433
Ion Ratio Lower Upper
84 100
49 95.7 114.4 171.6#
51 36.7 35.3 52.9
86 74.4 53.7 80.5

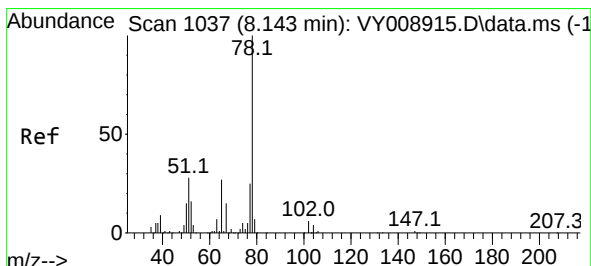
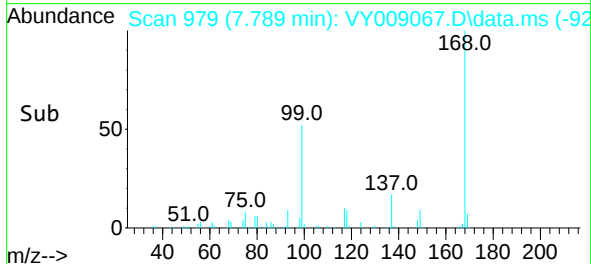
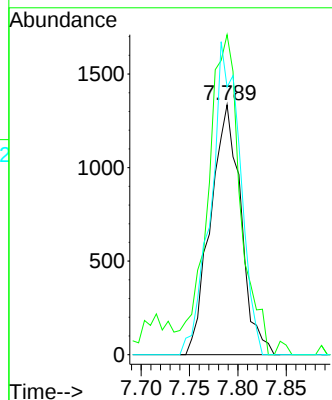
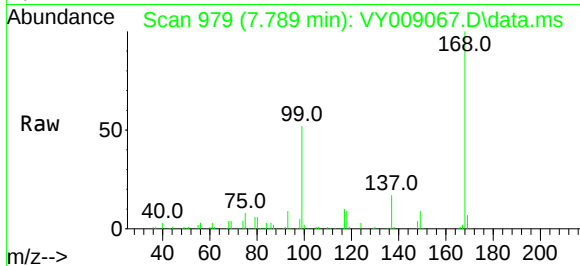




#31
Cyclohexane
Concen: 1.343 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009067.D
Acq: 24 May 2022 17:16

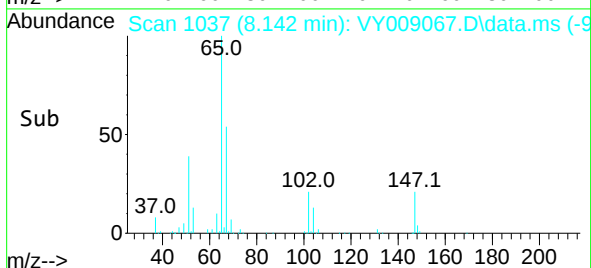
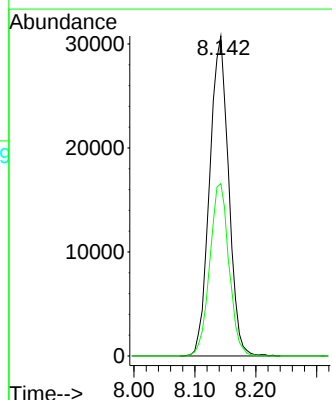
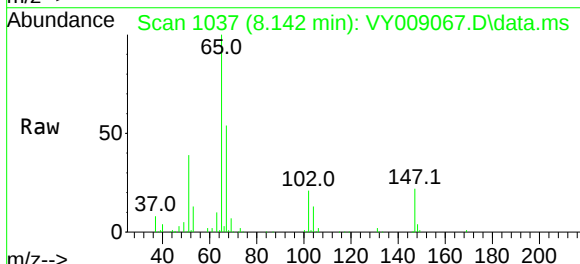
Instrument :
MSVOA_Y
ClientSampleId :
SB-15(0.5-1)

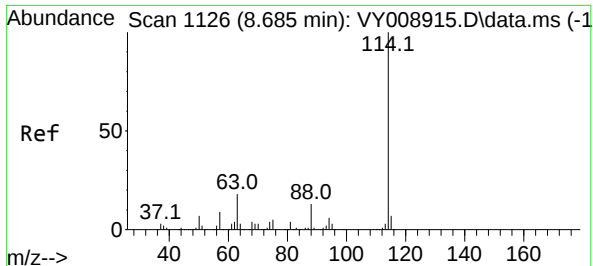
Tgt Ion: 56 Resp: 2905
Ion Ratio Lower Upper
56 100
69 122.6 26.7 40.1#
84 107.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.143 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY009067.D
Acq: 24 May 2022 17:16

Tgt Ion: 65 Resp: 66508
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009067.D

Acq: 24 May 2022 17:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-15(0.5-1)

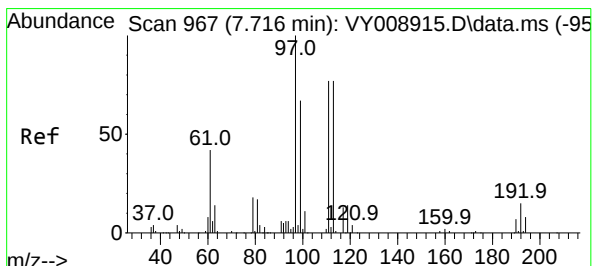
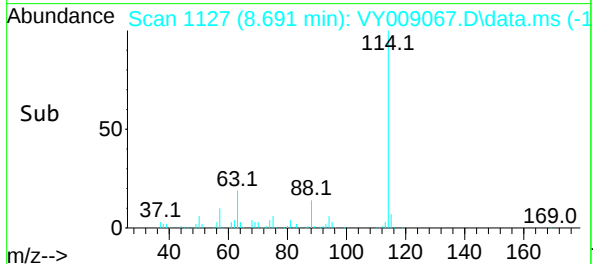
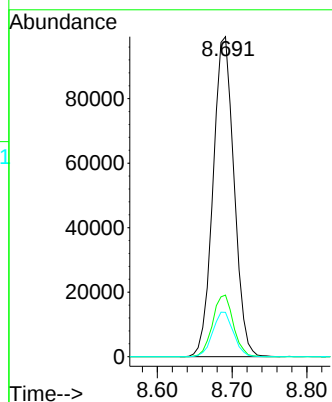
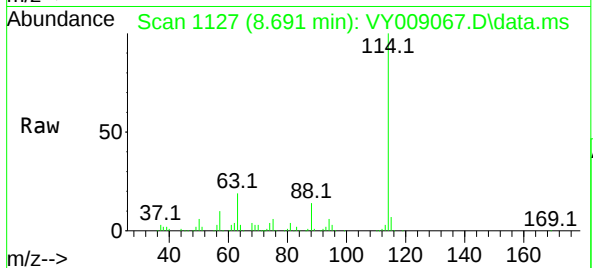
Tgt Ion:114 Resp: 193661

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.469 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009067.D

Acq: 24 May 2022 17:16

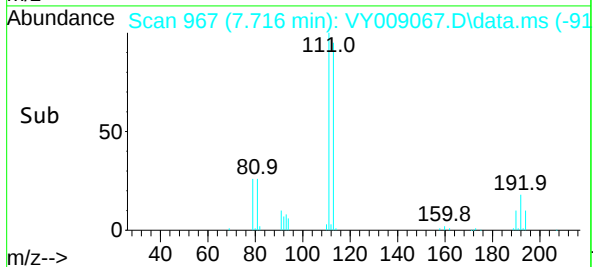
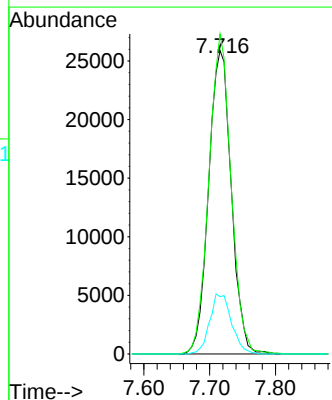
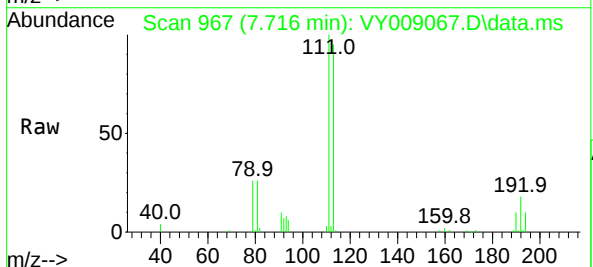
Tgt Ion:113 Resp: 61982

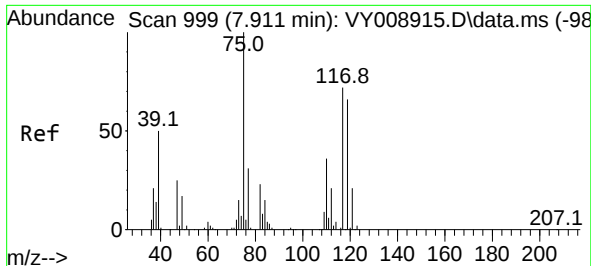
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 19.1 17.6 26.4

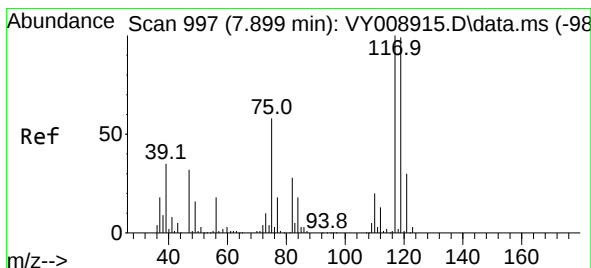
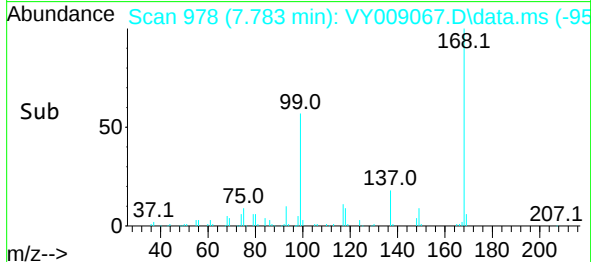
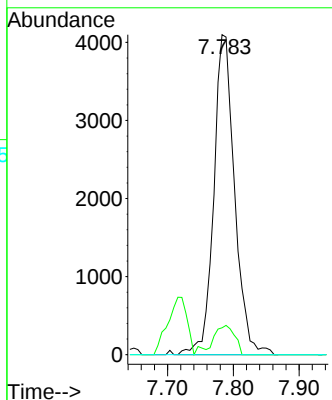
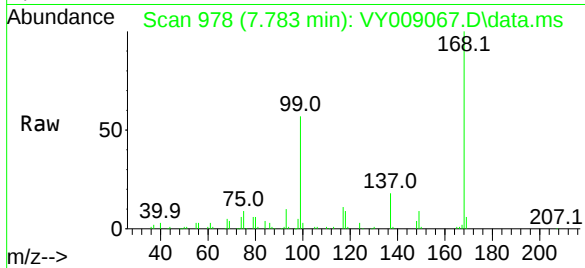




#36
 1,1-Dichloropropene
 Concen: 4.418 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY009067.D
 Acq: 24 May 2022 17:16

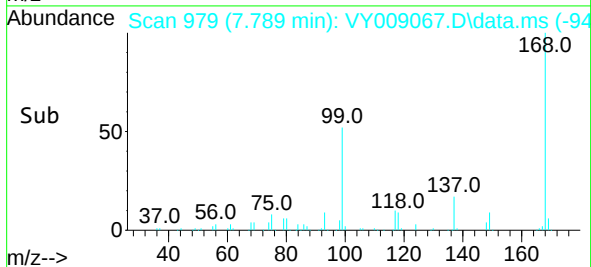
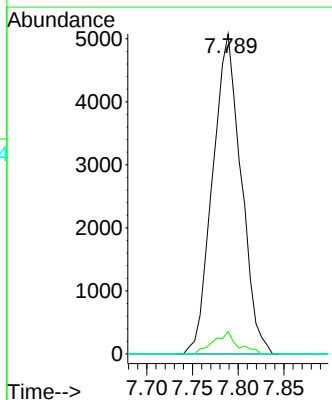
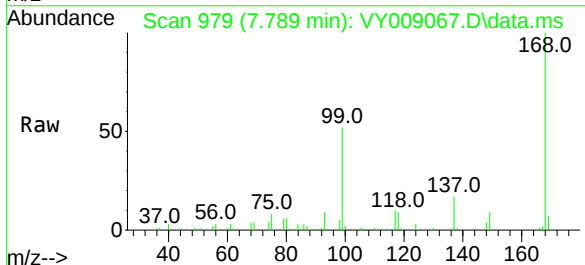
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15(0.5-1)

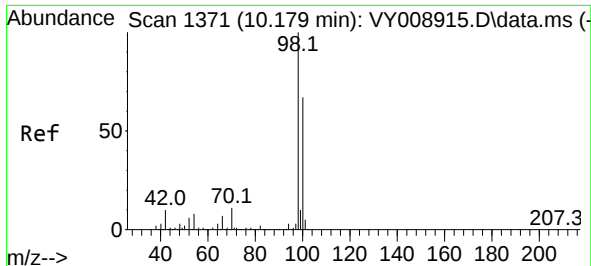
Tgt Ion: 75 Resp: 9054
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.129 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY009067.D
 Acq: 24 May 2022 17:16

Tgt Ion: 117 Resp: 10997
 Ion Ratio Lower Upper
 117 100
 119 7.1 77.9 116.9#
 121 0.0 24.8 37.2#

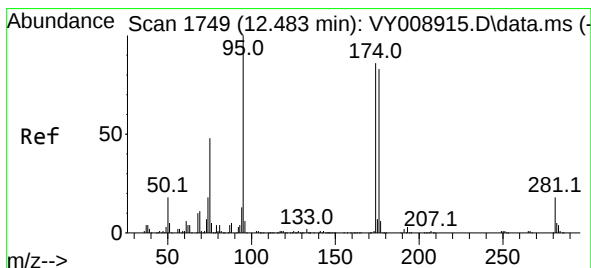
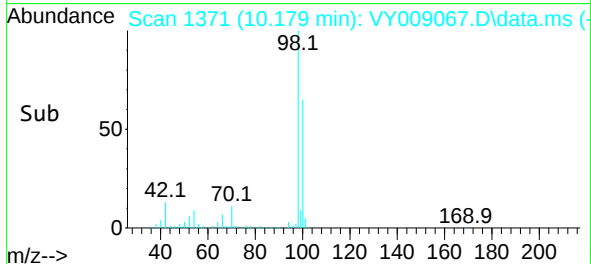
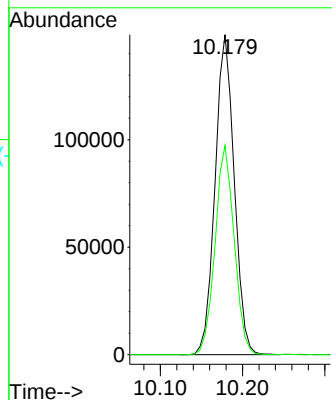
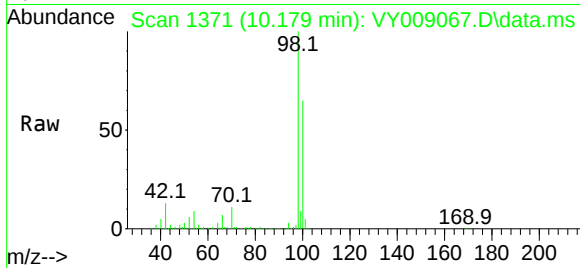




#50
Toluene-d8
Concen: 54.241 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009067.D
Acq: 24 May 2022 17:16

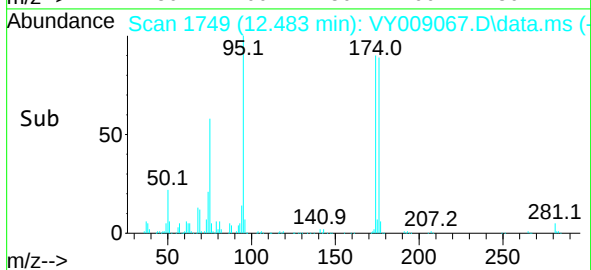
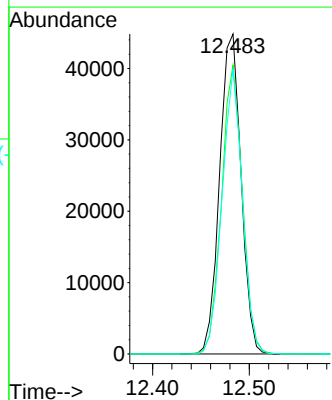
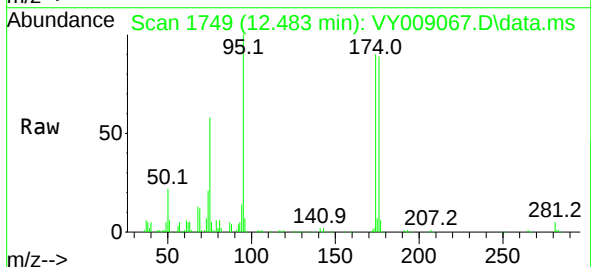
Instrument :
MSVOA_Y
ClientSampleId :
SB-15(0.5-1)

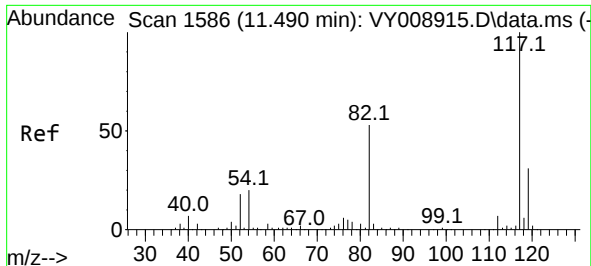
Tgt Ion: 98 Resp: 240979
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.538 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009067.D
Acq: 24 May 2022 17:16

Tgt Ion: 95 Resp: 69066
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 84.1 0.0 175.8

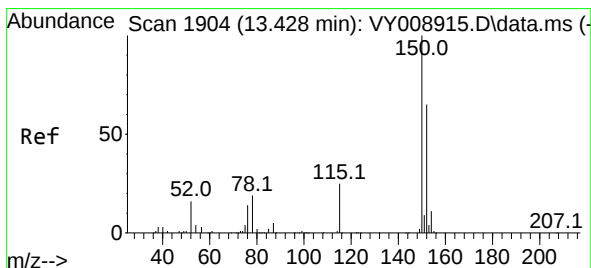
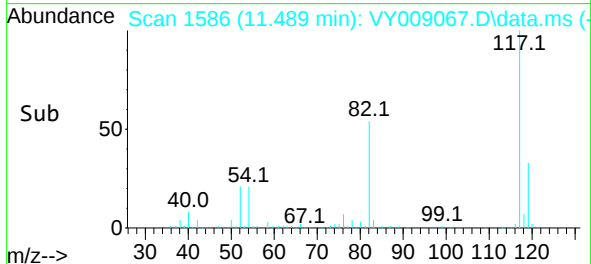
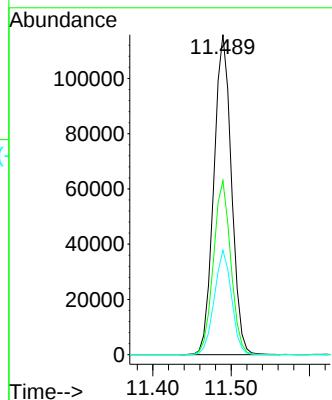
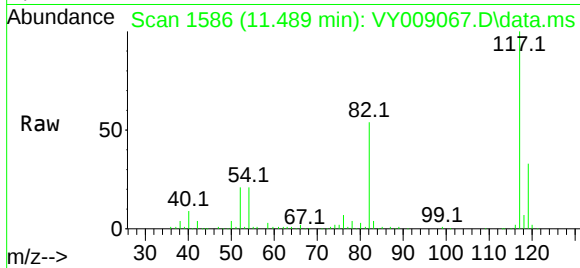




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009067.D
Acq: 24 May 2022 17:16

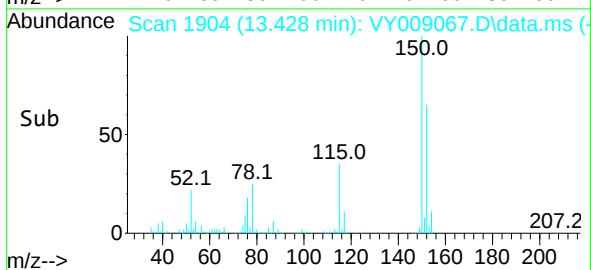
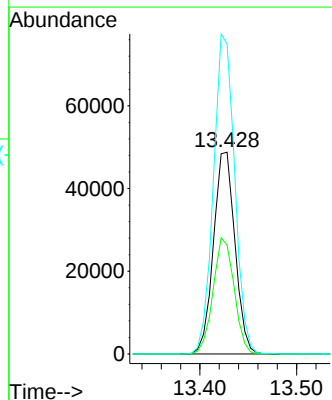
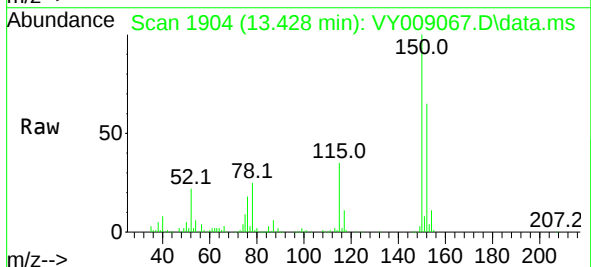
Instrument :
MSVOA_Y
ClientSampleId :
SB-15(0.5-1)

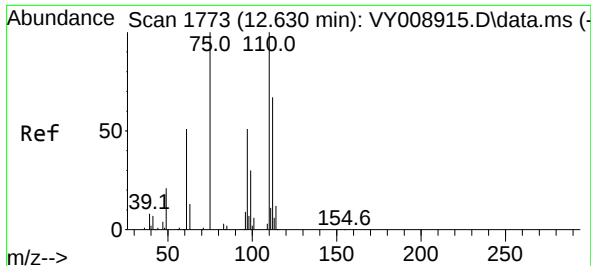
Tgt Ion:117 Resp: 181289
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009067.D
Acq: 24 May 2022 17:16

Tgt Ion:152 Resp: 75368
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 156.7 0.0 347.6

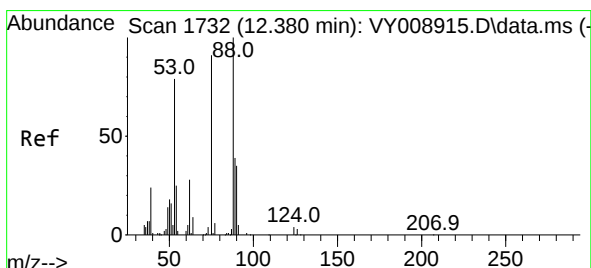
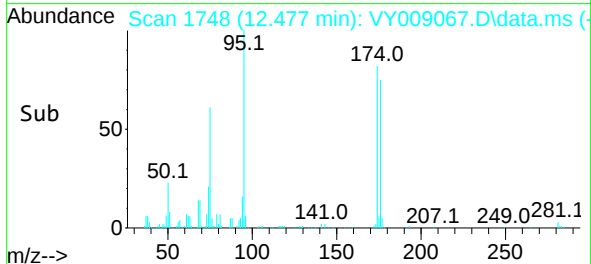
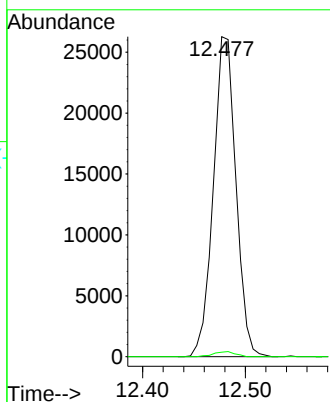
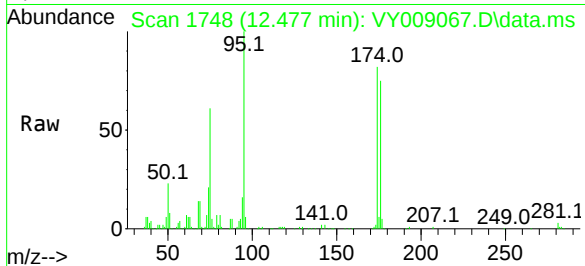




#76
1,2,3-Trichloropropane
Concen: 49.466 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009067.D
Acq: 24 May 2022 17:16

Instrument :
MSVOA_Y
ClientSampleId :
SB-15(0.5-1)

Tgt Ion: 75 Resp: 40036
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.529 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009067.D
Acq: 24 May 2022 17:16

Tgt Ion: 75 Resp: 40036
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

