

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009075.D
 Acq On : 24 May 2022 20:23
 Operator : KP/MD
 Sample : N2981-08
 Misc : 2.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12(2.5-3)

Quant Time: May 25 02:57:15 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)

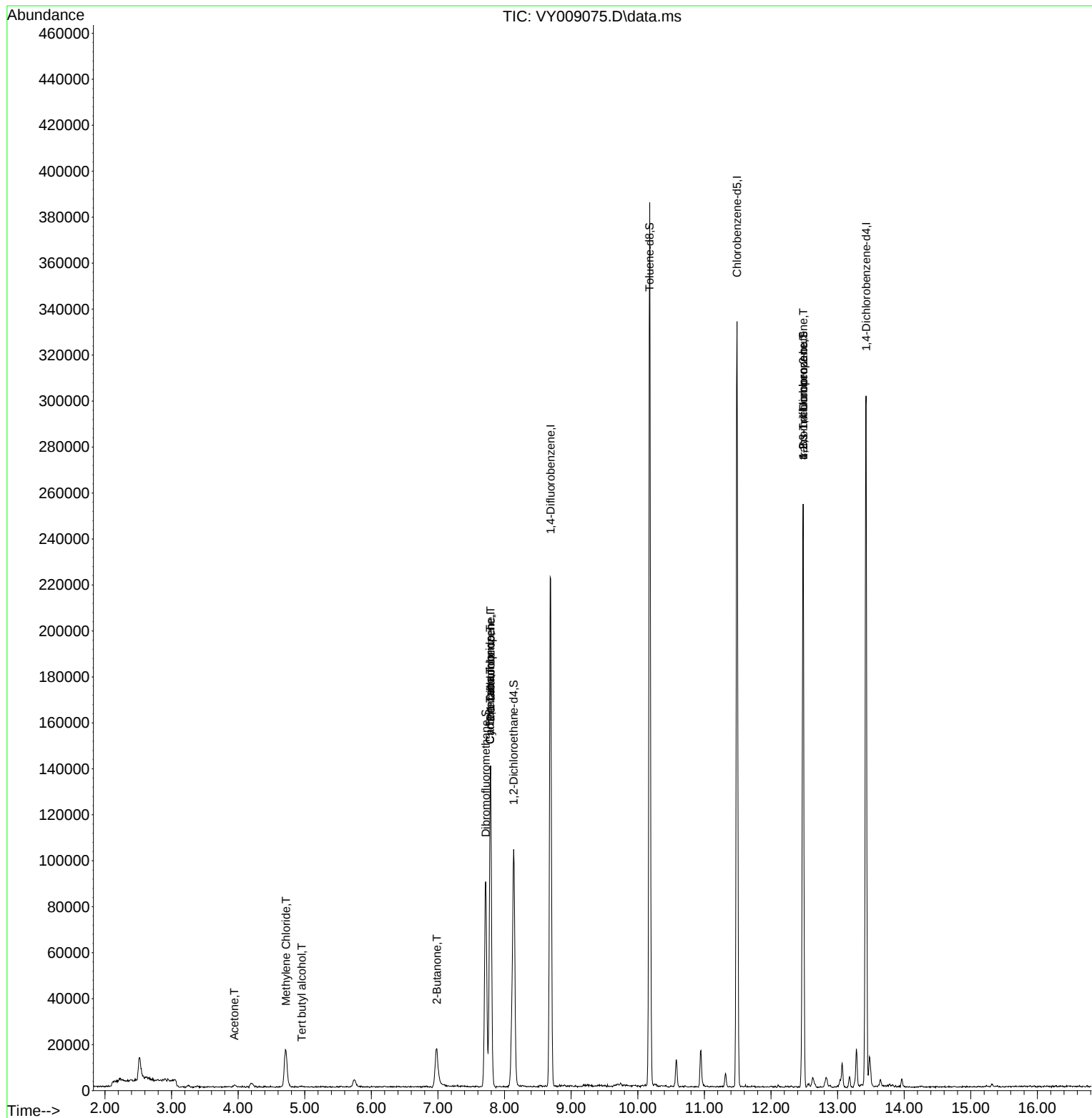
Internal Standards						
1) Pentafluorobenzene	7.789	168	105235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	174042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	66544	61.441	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 122.880%	
35) Dibromofluoromethane	7.716	113	61139	52.061	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 104.120%	
50) Toluene-d8	10.179	98	230895	53.294	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 106.580%	
62) 4-Bromofluorobenzene	12.483	95	65731	37.611	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 75.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	201	1.830	ug/l #	77
16) Acetone	3.942	43	1624	7.203	ug/l #	74
20) Methylene Chloride	4.716	84	11808	1.559	ug/l #	79
25) 2-Butanone	6.984	43	1262	3.134	ug/l #	88
31) Cyclohexane	7.783	56	2532	1.195	ug/l #	35
36) 1,1-Dichloropropene	7.789	75	9452	4.729	ug/l #	50
38) Carbon Tetrachloride	7.783	117	10441	4.994	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	38500	49.411	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38500	101.417	ug/l #	7

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

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SB-12(2.5-3)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
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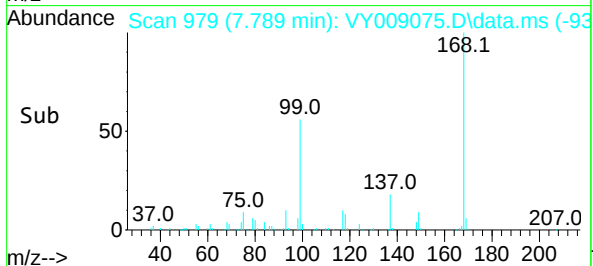
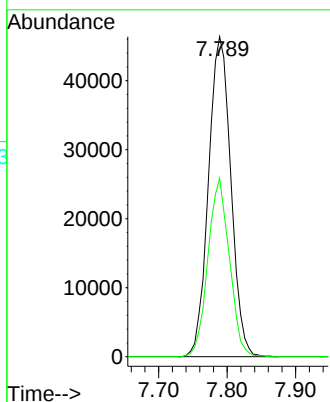
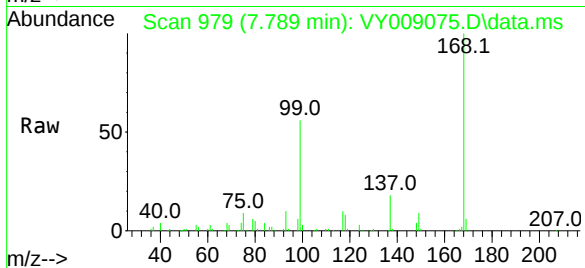




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009075.D
Acq: 24 May 2022 20:23

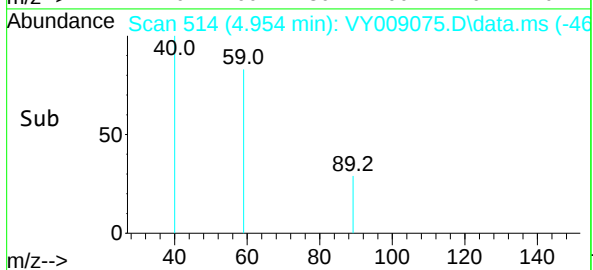
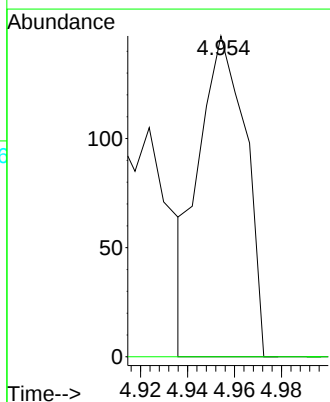
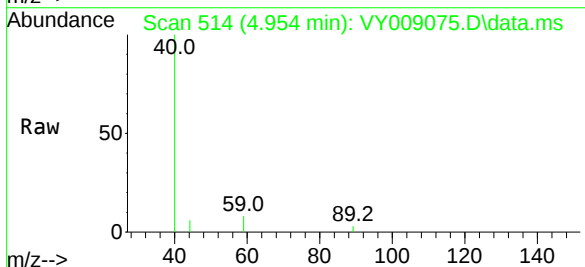
Instrument :
MSVOA_Y
ClientSampleId :
SB-12(2.5-3)

Tgt Ion:168 Resp: 105235
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.830 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009075.D
Acq: 24 May 2022 20:23

Tgt Ion: 59 Resp: 201
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

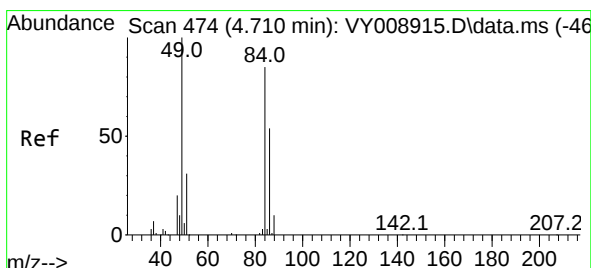
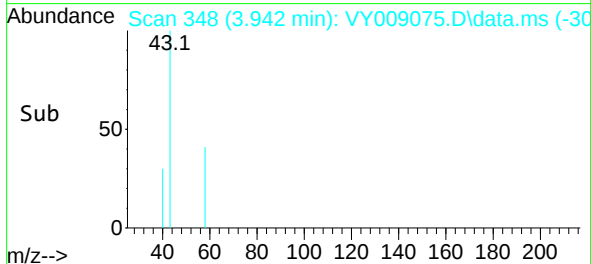
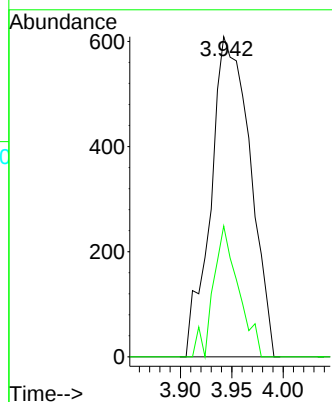
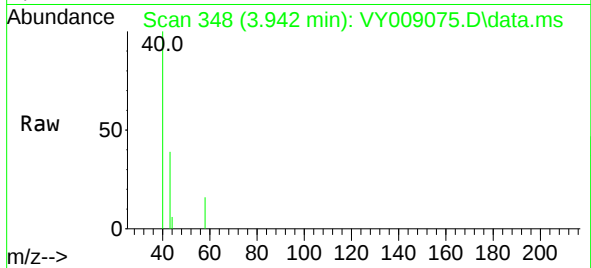




#16
Acetone
Concen: 7.203 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009075.D
Acq: 24 May 2022 20:23

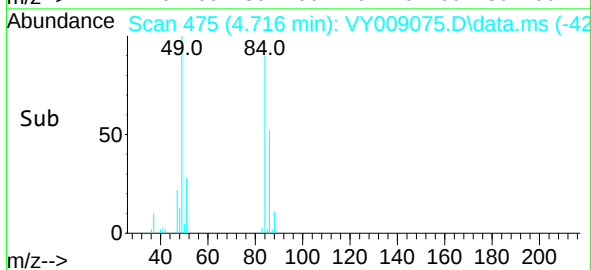
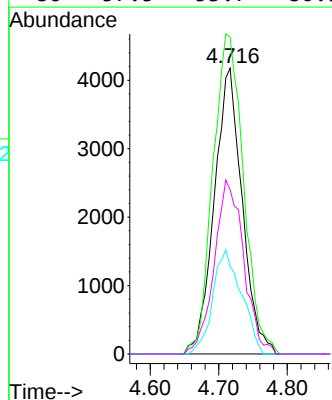
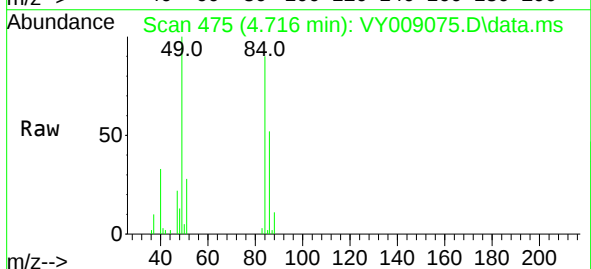
Instrument :
MSVOA_Y
ClientSampleId :
SB-12(2.5-3)

Tgt Ion: 43 Resp: 1624
Ion Ratio Lower Upper
43 100
58 40.9 22.0 33.0#



#20
Methylene Chloride
Concen: 1.559 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009075.D
Acq: 24 May 2022 20:23

Tgt Ion: 84 Resp: 11808
Ion Ratio Lower Upper
84 100
49 110.9 114.4 171.6#
51 30.7 35.3 52.9#
86 57.5 53.7 80.5

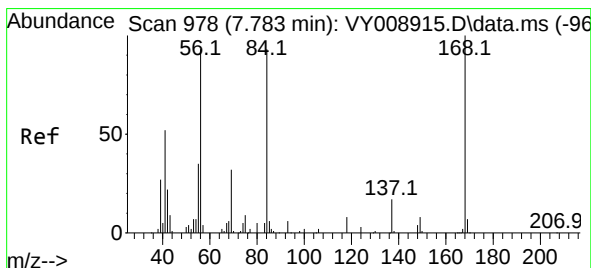
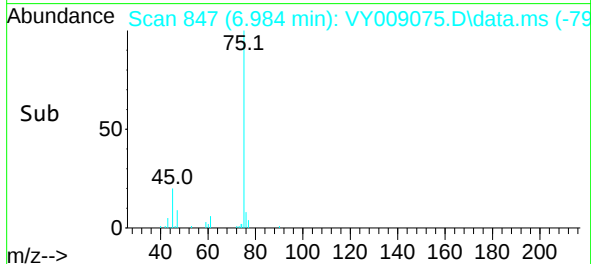
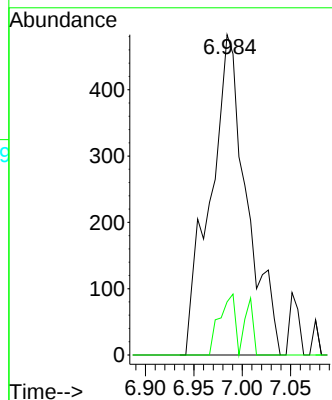
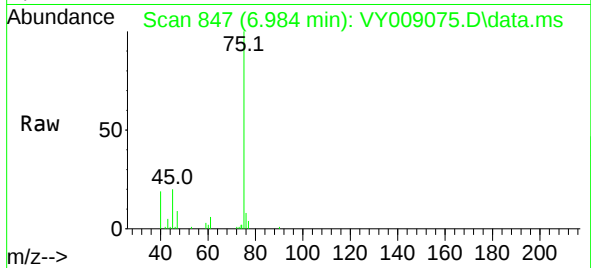




#25
2-Butanone
Concen: 3.134 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009075.D
Acq: 24 May 2022 20:23

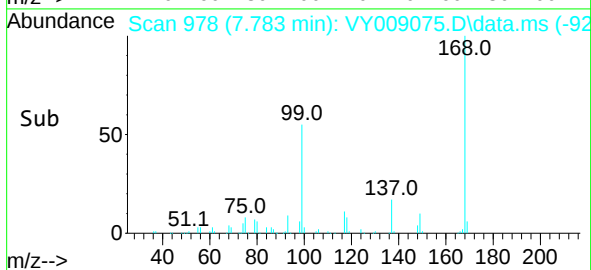
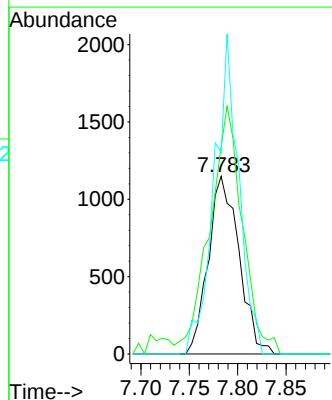
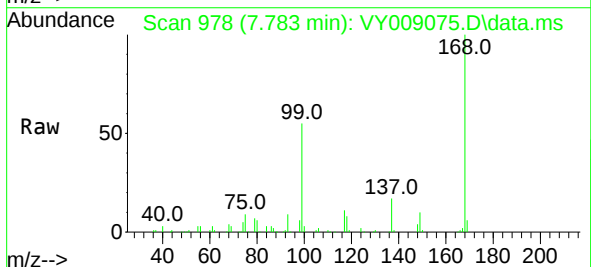
Instrument :
MSVOA_Y
ClientSampleId :
SB-12(2.5-3)

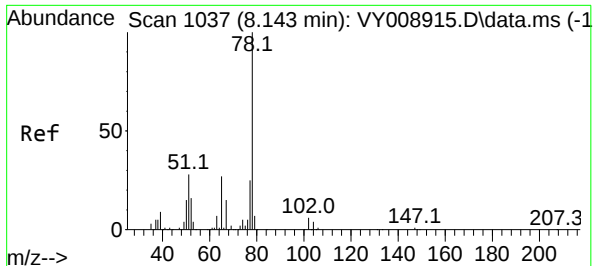
Tgt Ion: 43 Resp: 1262
Ion Ratio Lower Upper
43 100
72 16.6 17.7 26.5#



#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009075.D
Acq: 24 May 2022 20:23

Tgt Ion: 56 Resp: 2532
Ion Ratio Lower Upper
56 100
69 116.8 26.7 40.1#
84 113.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.441 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009075.D

Acq: 24 May 2022 20:23

Instrument :

MSVOA_Y

ClientSampleId :

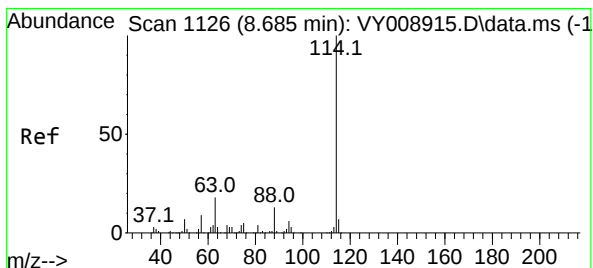
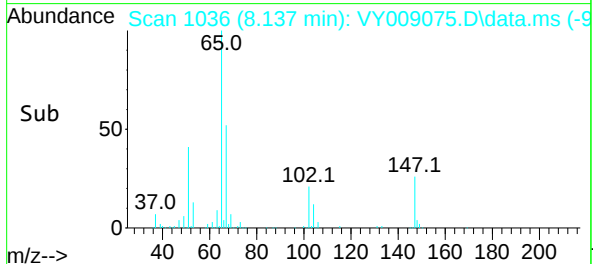
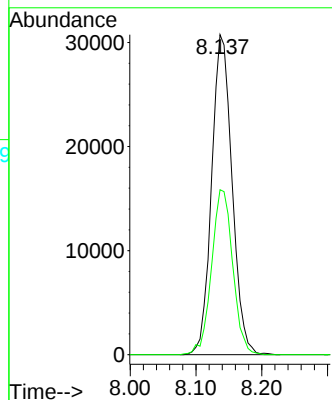
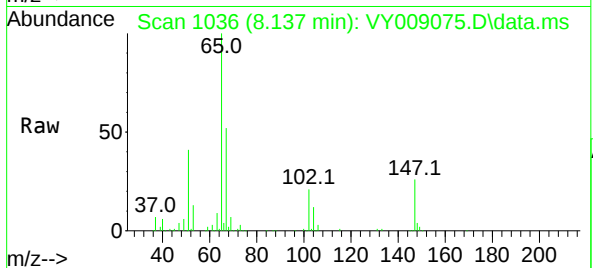
SB-12(2.5-3)

Tgt Ion: 65 Resp: 66544

Ion Ratio Lower Upper

65 100

67 53.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009075.D

Acq: 24 May 2022 20:23

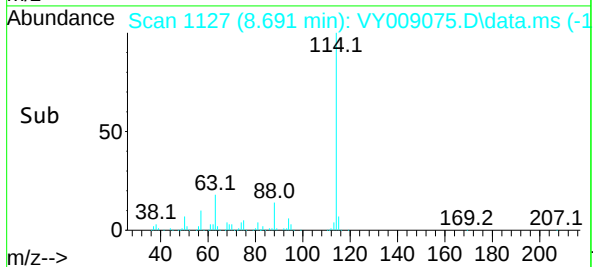
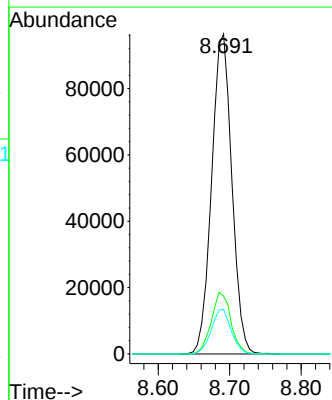
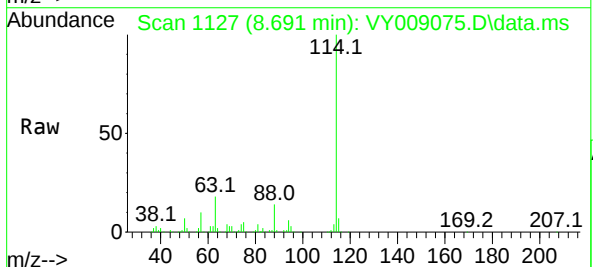
Tgt Ion: 114 Resp: 188855

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 13.9 0.0 31.8

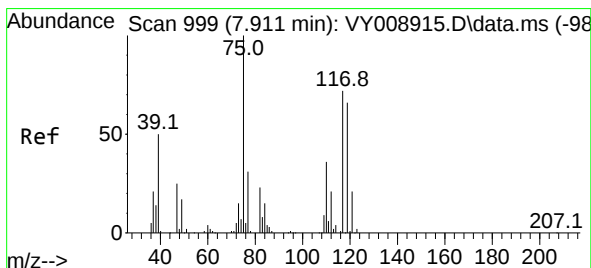
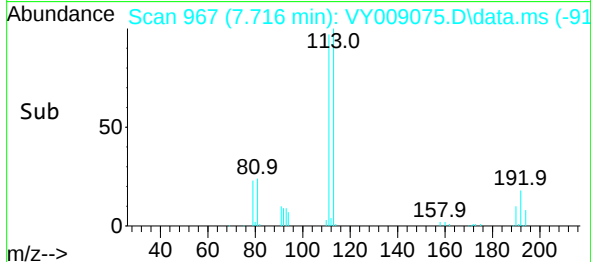
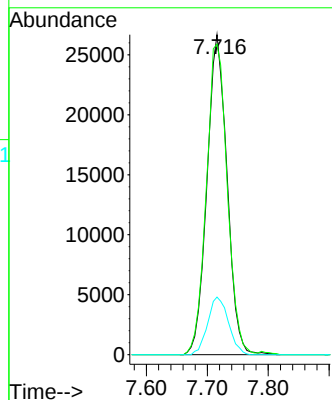
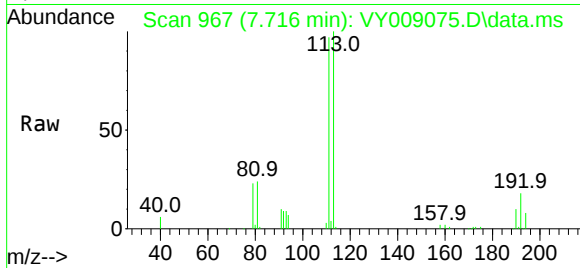




#35
Dibromofluoromethane
Concen: 52.061 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009075.D
Acq: 24 May 2022 20:23

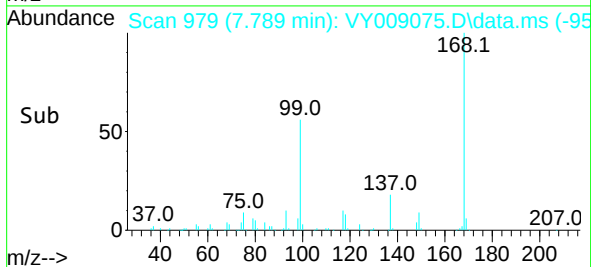
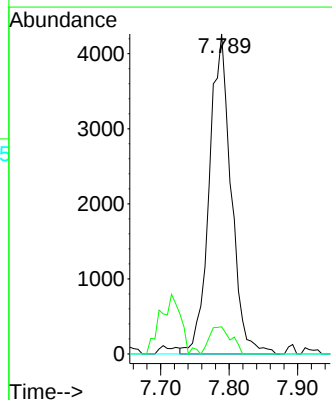
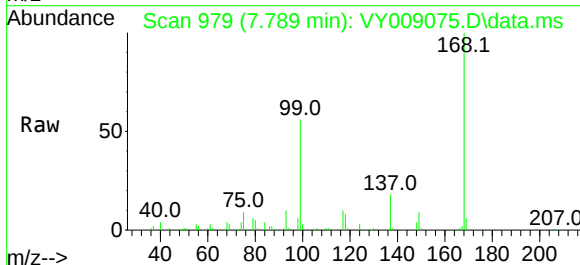
Instrument :
MSVOA_Y
ClientSampleId :
SB-12(2.5-3)

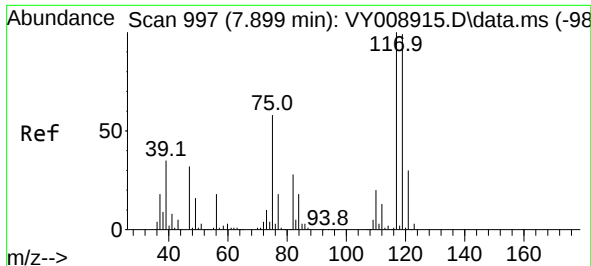
Tgt Ion:113 Resp: 61139
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 18.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.729 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009075.D
Acq: 24 May 2022 20:23

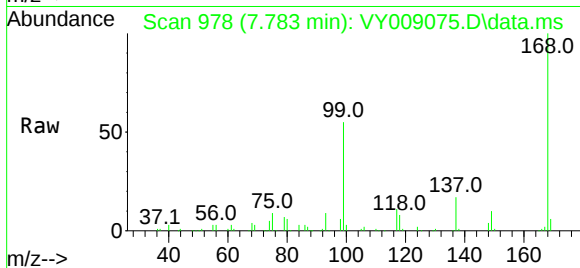
Tgt Ion: 75 Resp: 9452
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#



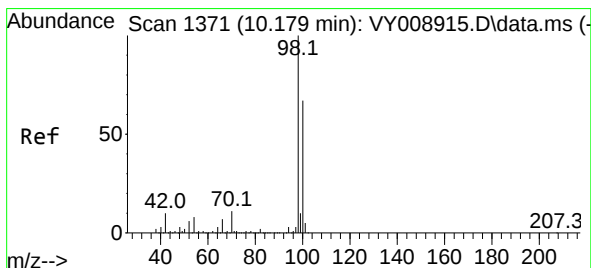
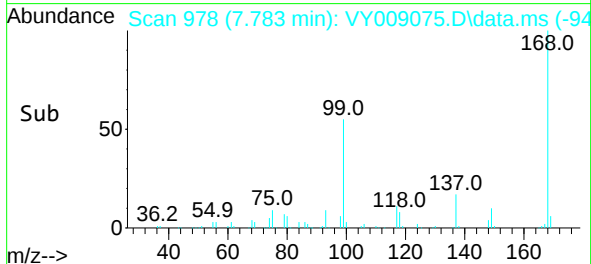
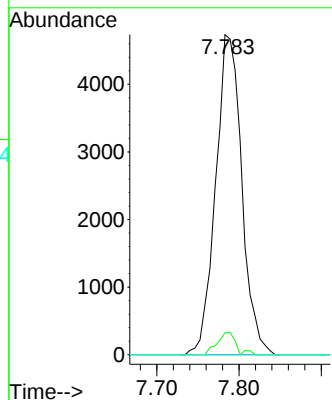


#38
Carbon Tetrachloride
Concen: 4.994 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009075.D
Acq: 24 May 2022 20:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-12(2.5-3)

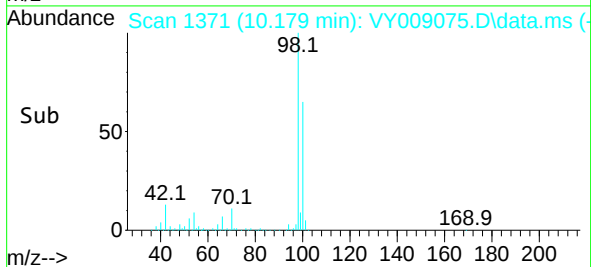
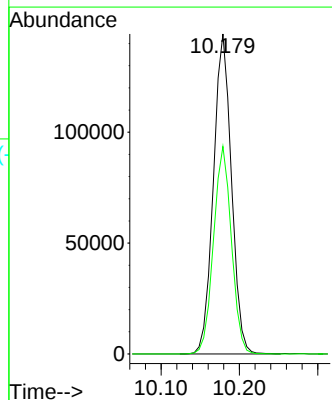
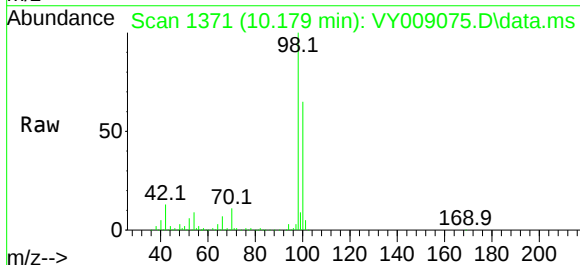


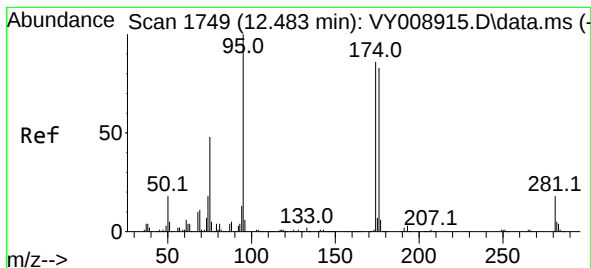
Tgt Ion:117 Resp: 10441
Ion Ratio Lower Upper
117 100
119 6.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.294 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009075.D
Acq: 24 May 2022 20:23

Tgt Ion: 98 Resp: 230895
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

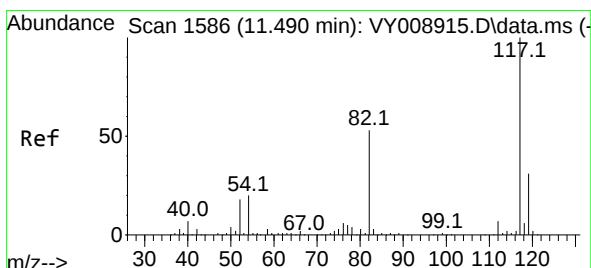
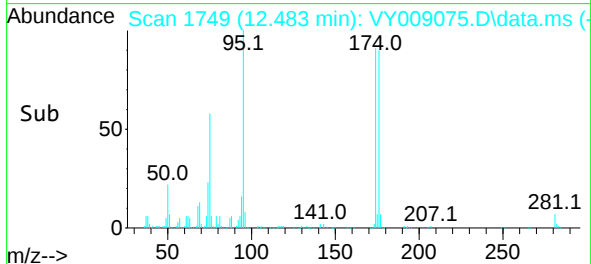
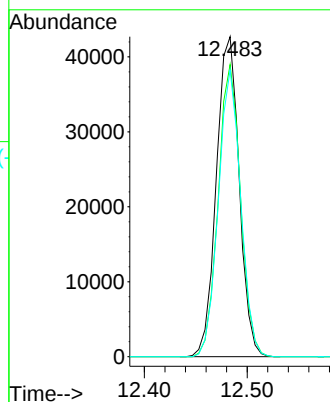
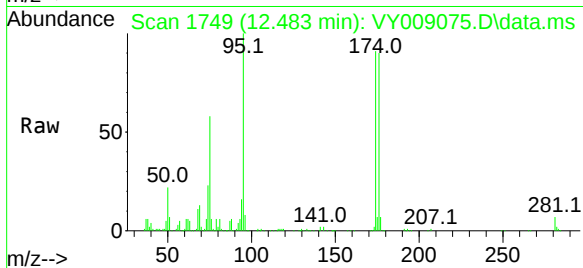




#62
4-Bromofluorobenzene
Concen: 37.611 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009075.D
Acq: 24 May 2022 20:23

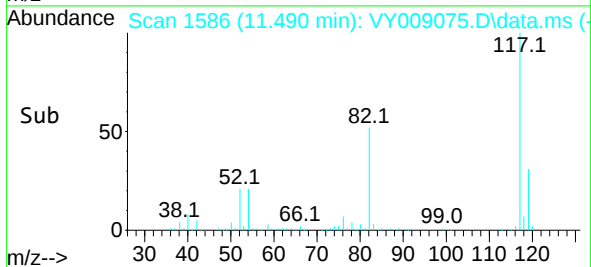
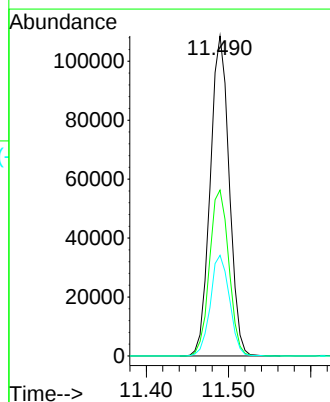
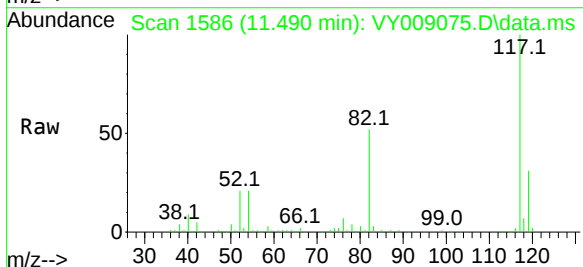
Instrument :
MSVOA_Y
ClientSampleId :
SB-12(2.5-3)

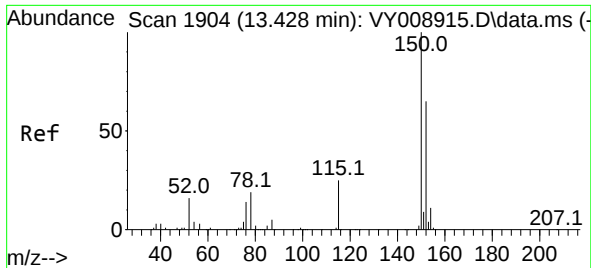
Tgt Ion: 95 Resp: 65731
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 87.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009075.D
Acq: 24 May 2022 20:23

Tgt Ion: 117 Resp: 174042
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 31.4 25.4 38.0

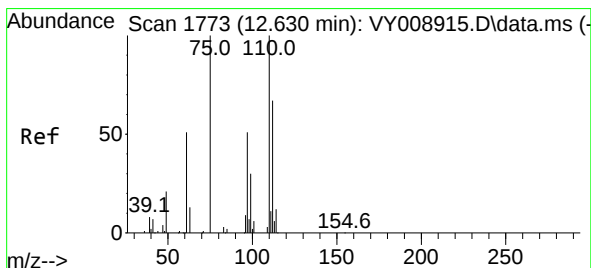
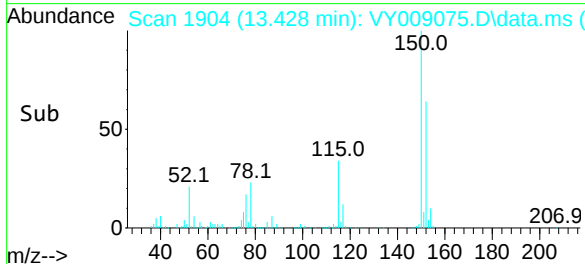
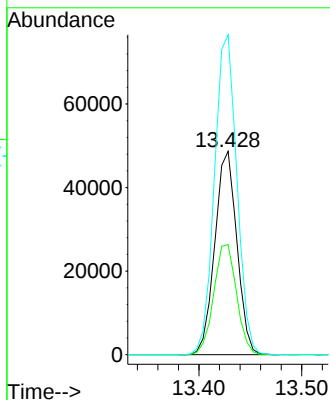
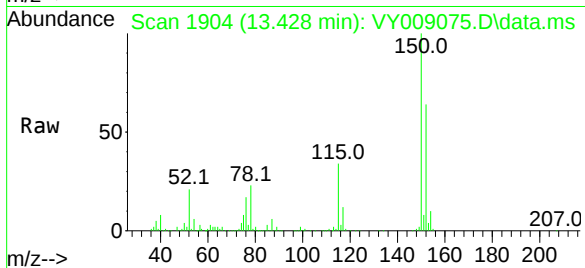




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009075.D
 Acq: 24 May 2022 20:23

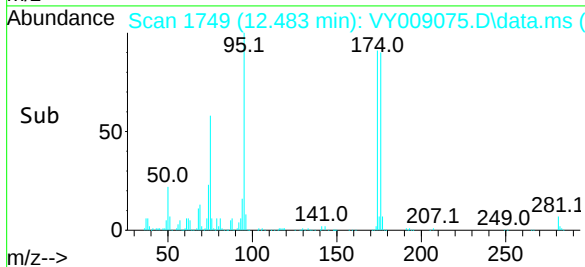
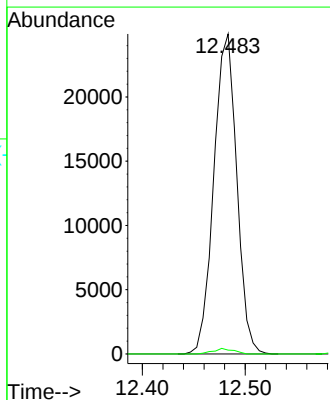
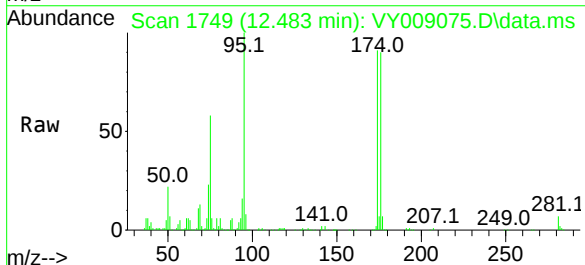
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12(2.5-3)

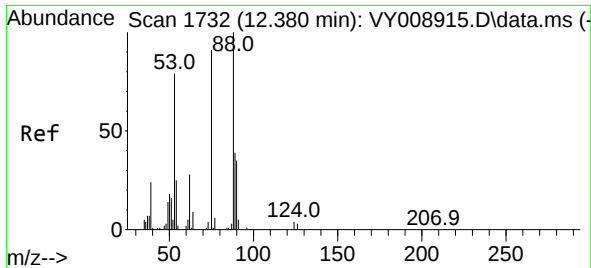
Tgt Ion:152 Resp: 72557
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.2 84.7
 150 159.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 49.411 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY009075.D
 Acq: 24 May 2022 20:23

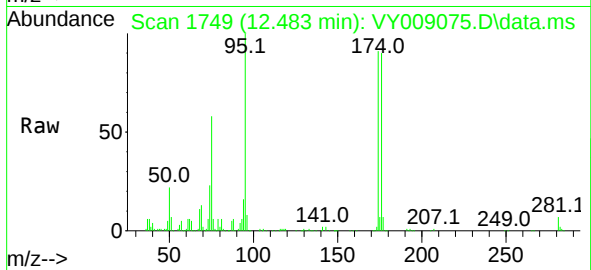
Tgt Ion: 75 Resp: 38500
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.417 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009075.D
 Acq: 24 May 2022 20:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12(2.5-3)



Tgt Ion: 75 Resp: 38500
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.2 37.0 55.4#

