

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009090.D
 Acq On : 25 May 2022 15:19
 Operator : KP/MD
 Sample : N2981-18
 Misc : 3.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7(3.5-4)

Quant Time: May 26 04:29:06 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)

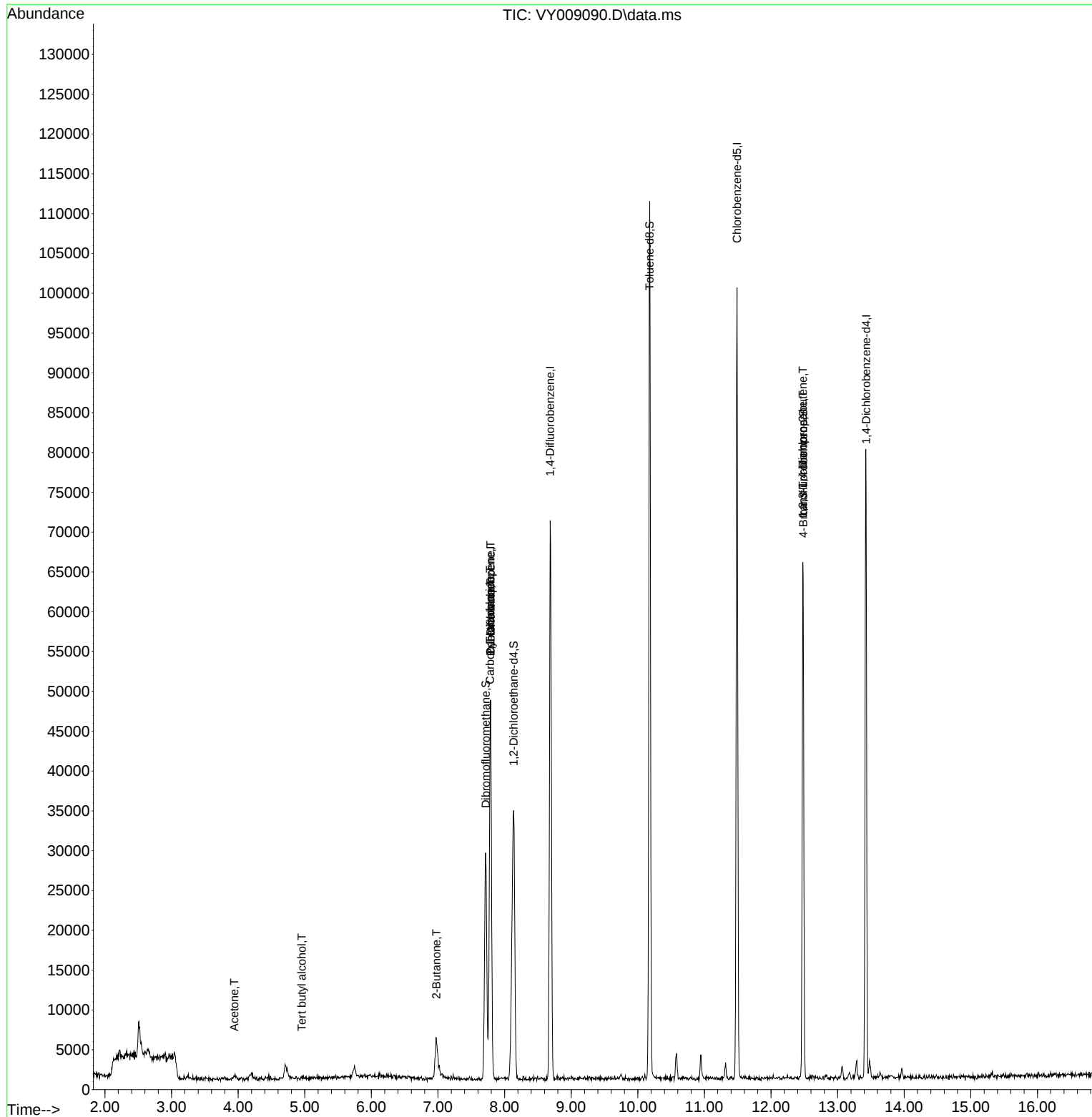
Internal Standards						
1) Pentafluorobenzene	7.789	168	35744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	58951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	51181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19929	54.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.340%	
35) Dibromofluoromethane	7.716	113	19465	53.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.200%	
50) Toluene-d8	10.179	98	70649	52.241	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.480%	
62) 4-Bromofluorobenzene	12.483	95	16484	30.216	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 60.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	57	1.528	ug/l #	77
16) Acetone	3.942	43	472	6.164	ug/l #	47
20) Methylene Chloride	4.704	84	1223	Below Cal	#	72
25) 2-Butanone	6.978	43	145	1.060	ug/l #	54
31) Cyclohexane	7.789	56	898	1.248	ug/l #	7
36) 1,1-Dichloropropene	7.789	75	3213	5.150	ug/l #	46
38) Carbon Tetrachloride	7.783	117	3672	5.627	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	10282	48.905	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	10282	100.378	ug/l #	7

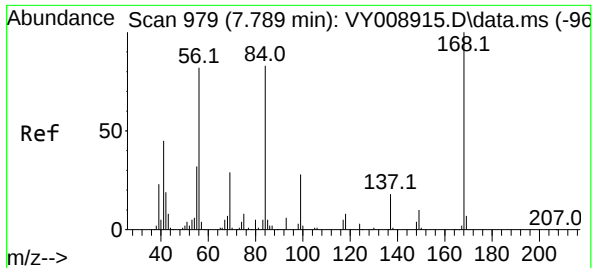
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-7(3.5-4)

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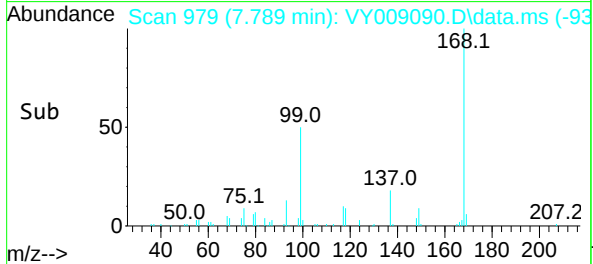
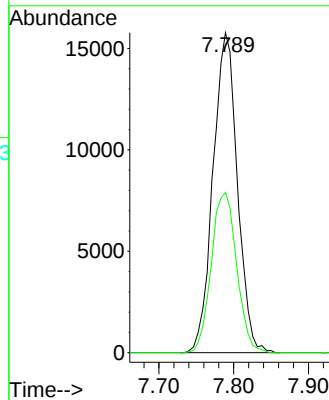
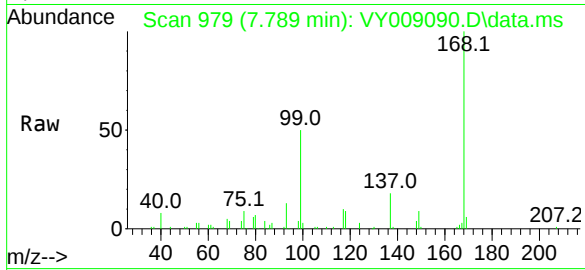




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

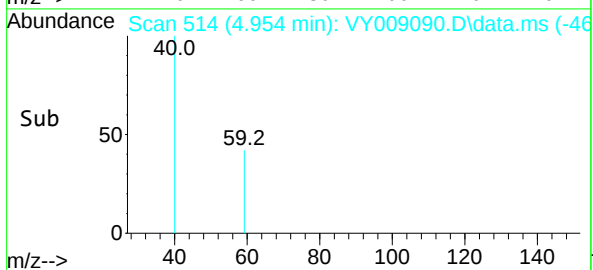
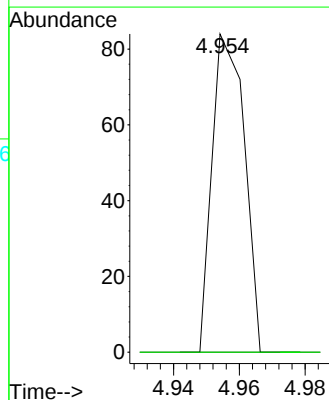
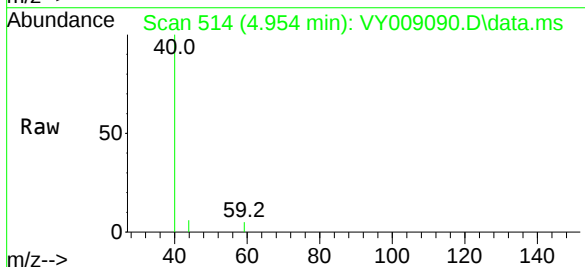
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

Tgt Ion:168 Resp: 35744
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.528 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

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

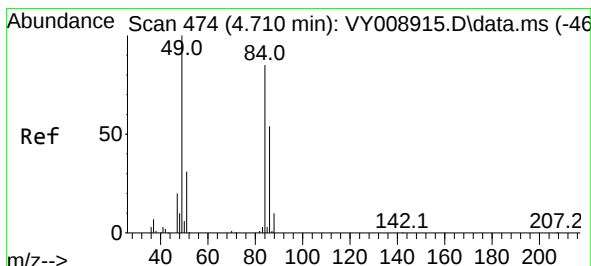
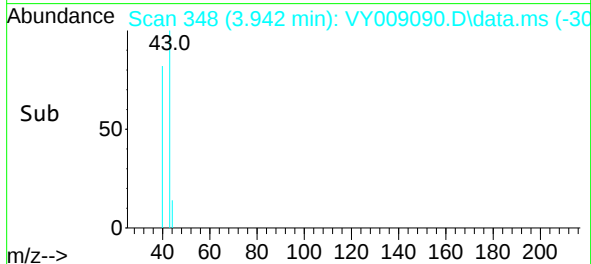
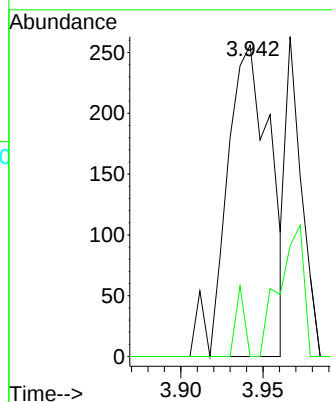
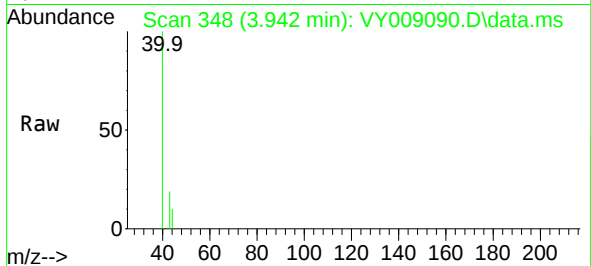




#16
Acetone
Concen: 6.164 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

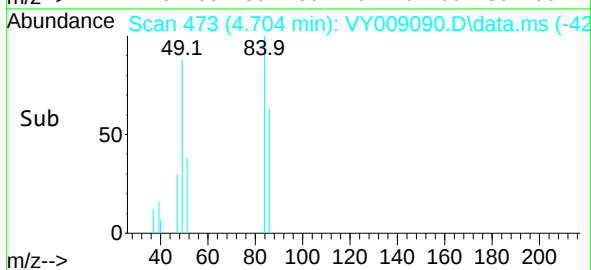
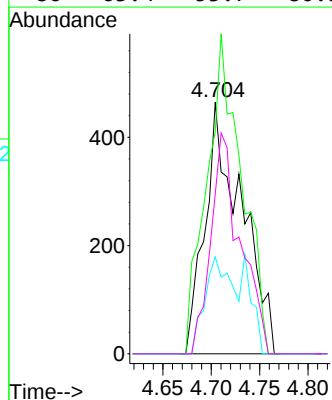
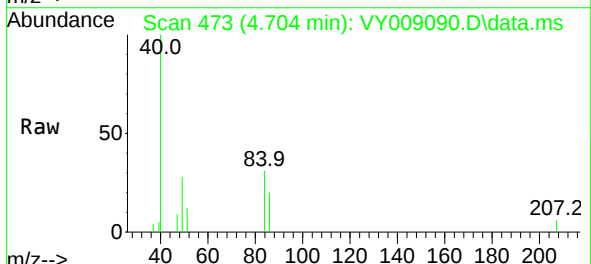
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

Tgt Ion: 84 Resp: 1223
Ion Ratio Lower Upper
84 100
49 88.2 114.4 171.6#
51 38.5 35.3 52.9
86 63.4 53.7 80.5

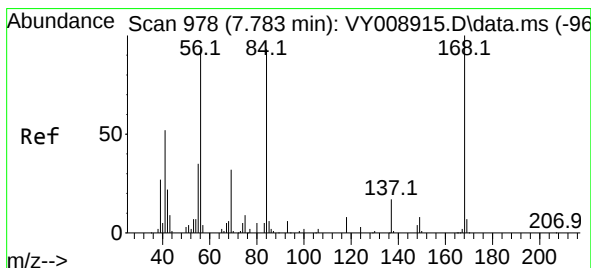
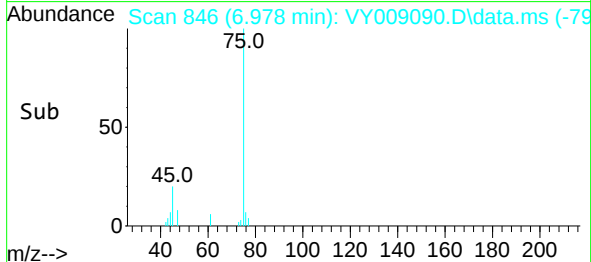
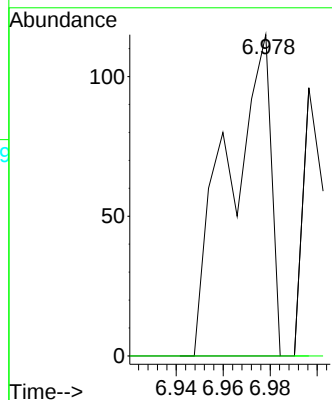
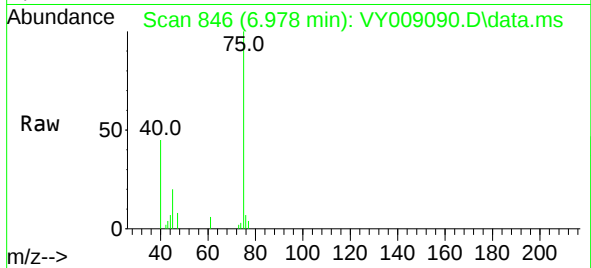




#25
2-Butanone
Concen: 1.060 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

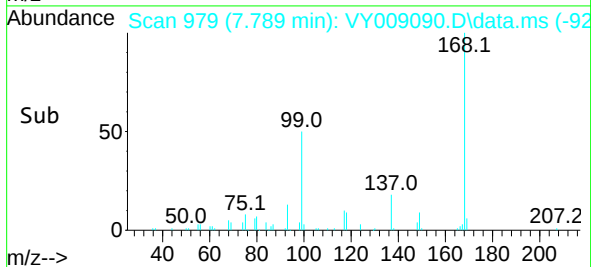
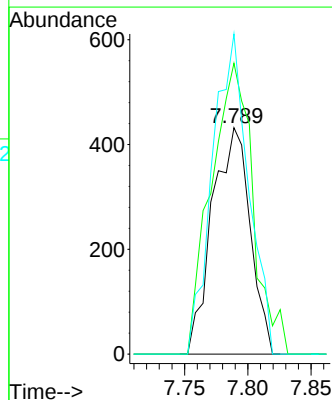
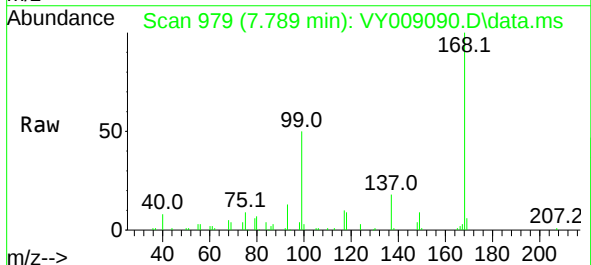
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.248 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

Tgt Ion: 56 Resp: 898
Ion Ratio Lower Upper
56 100
69 128.5 26.7 40.1#
84 141.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 54.174 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009090.D

Acq: 25 May 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

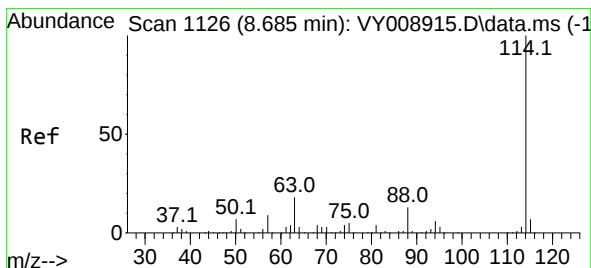
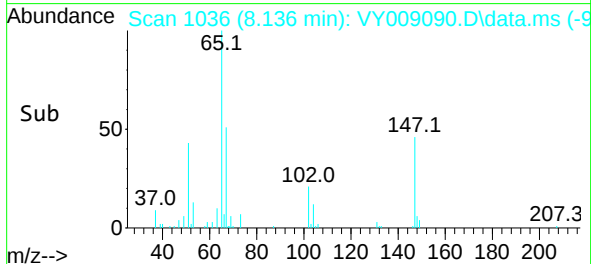
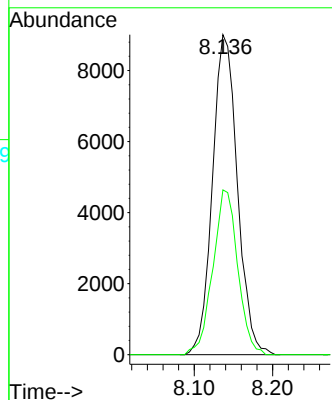
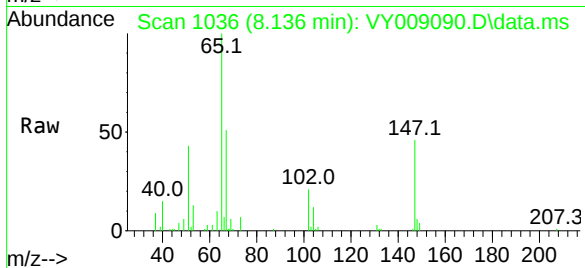
SB-7(3.5-4)

Tgt Ion: 65 Resp: 19929

Ion Ratio Lower Upper

65 100

67 51.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009090.D

Acq: 25 May 2022 15:19

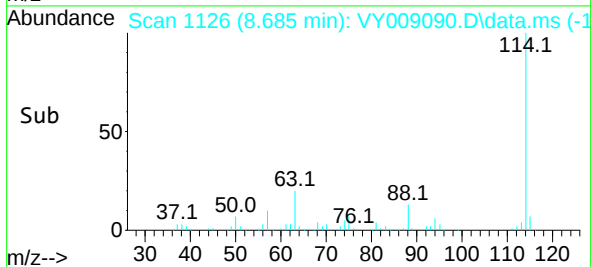
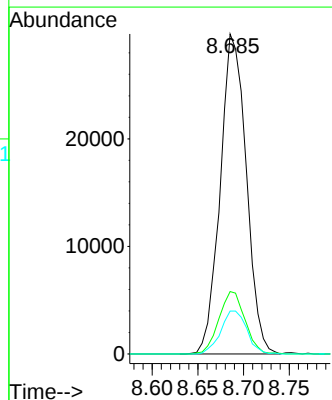
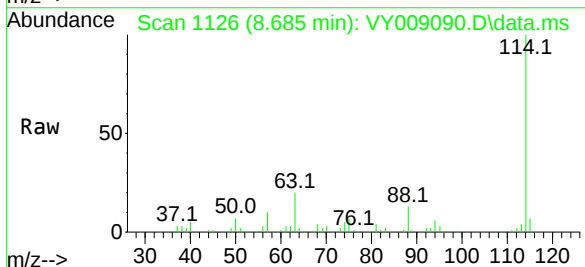
Tgt Ion: 114 Resp: 58951

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 13.4 0.0 31.8

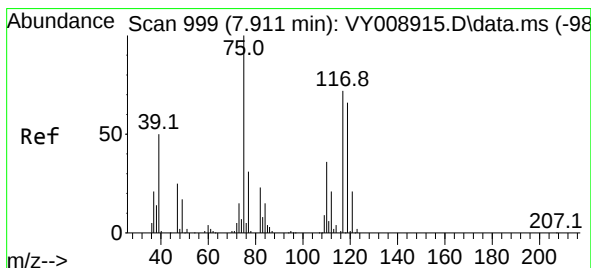
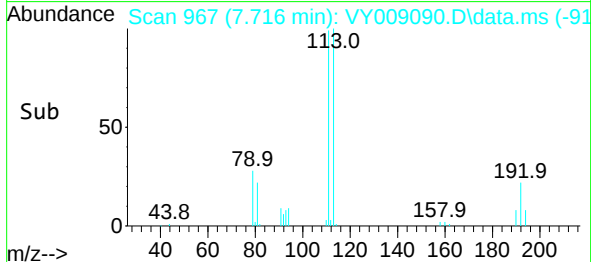
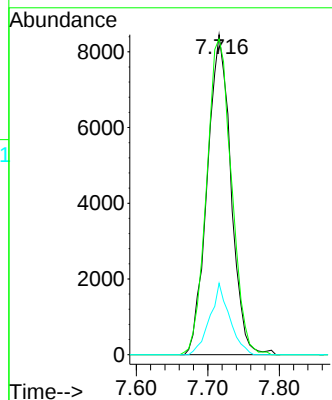
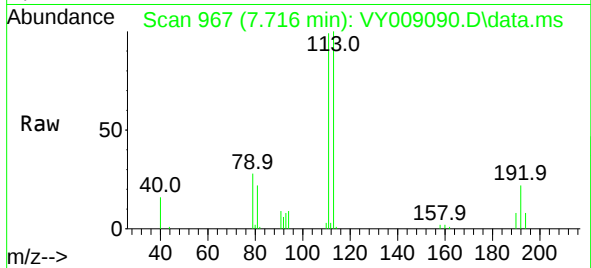




#35
Dibromofluoromethane
Concen: 53.099 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

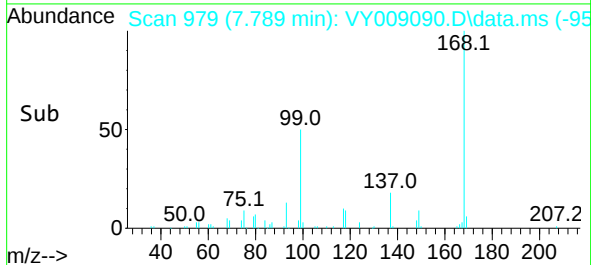
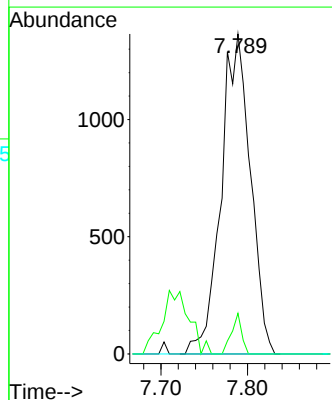
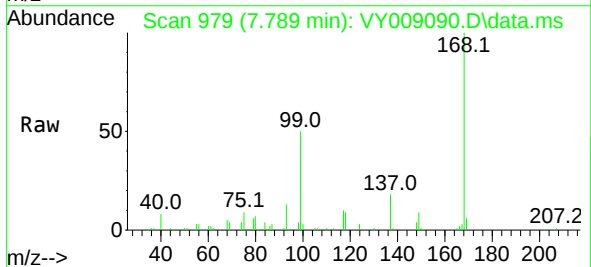
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

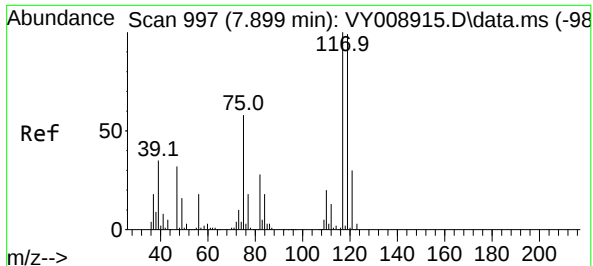
Tgt Ion:113 Resp: 19465
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 18.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.150 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

Tgt Ion: 75 Resp: 3213
Ion Ratio Lower Upper
75 100
110 4.4 17.1 51.2#
77 0.0 24.4 36.6#

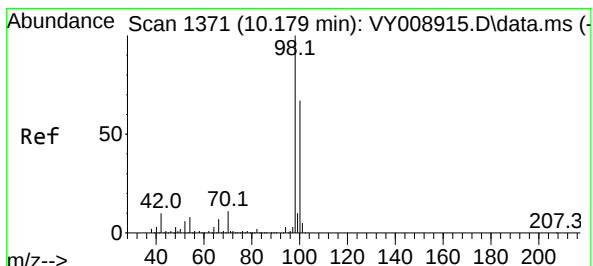
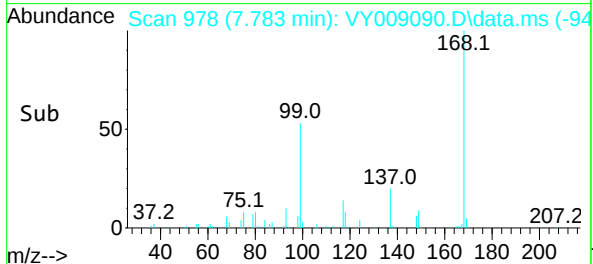
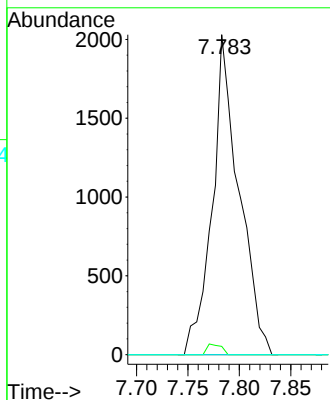
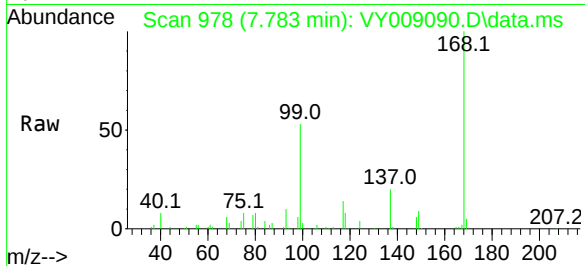




#38
Carbon Tetrachloride
Concen: 5.627 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

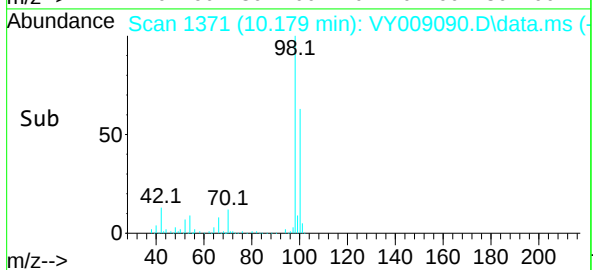
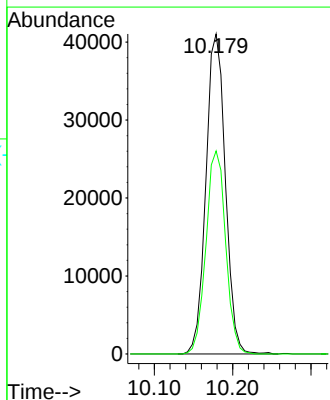
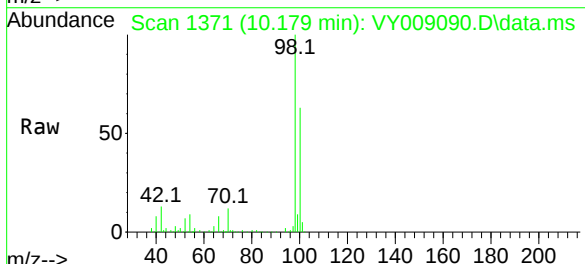
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SB-7(3.5-4)

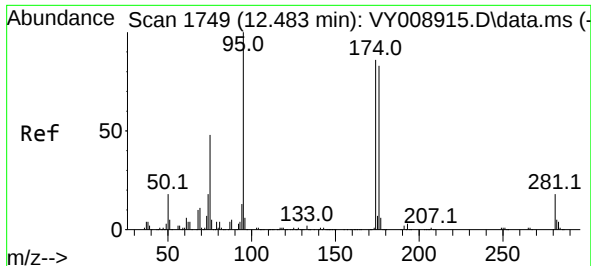
Tgt Ion:117 Resp: 3672
Ion Ratio Lower Upper
117 100
119 2.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.241 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

Tgt Ion: 98 Resp: 70649
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

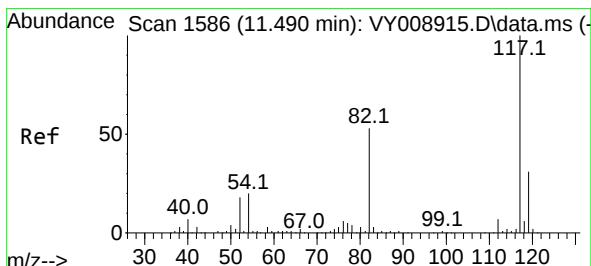
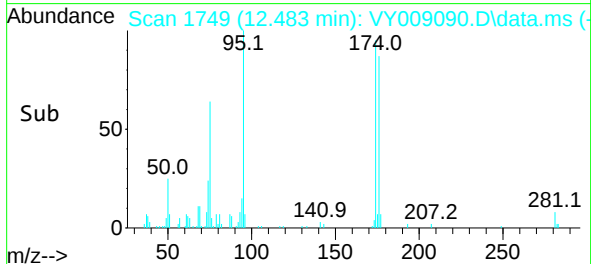
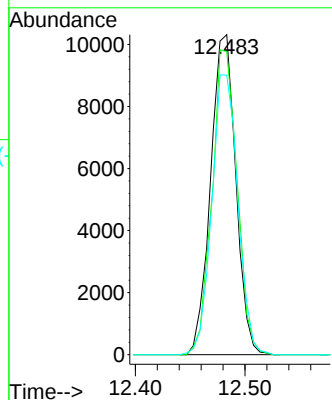
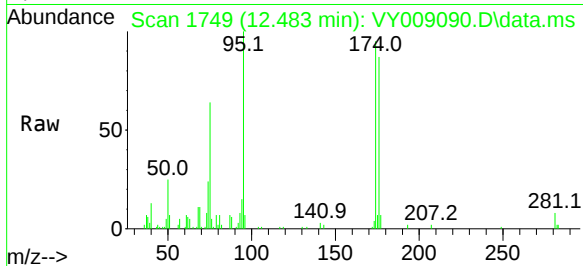




#62
4-Bromofluorobenzene
Concen: 30.216 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

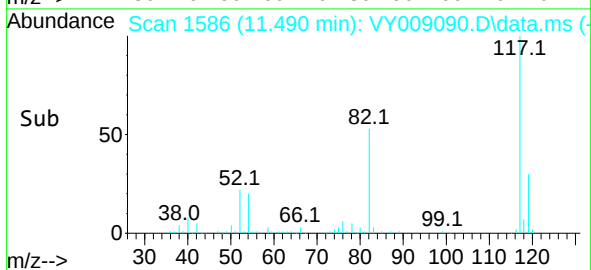
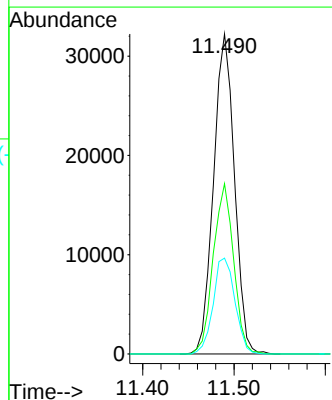
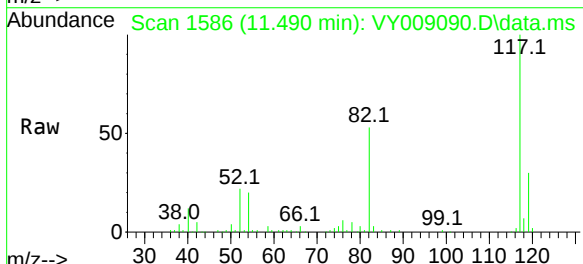
Instrument :
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SB-7(3.5-4)

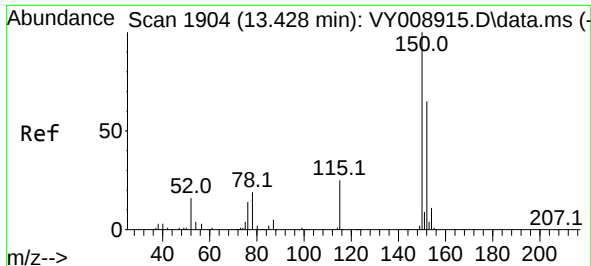
Tgt Ion: 95 Resp: 16484
Ion Ratio Lower Upper
95 100
174 95.2 0.0 177.0
176 90.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

Tgt Ion: 117 Resp: 51181
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 30.0 25.4 38.0

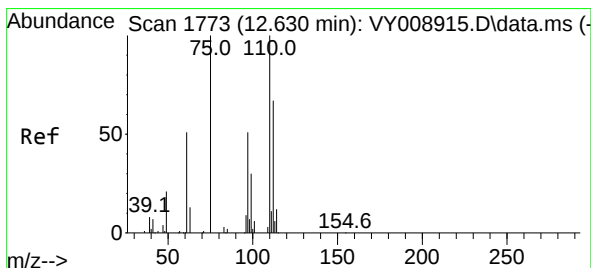
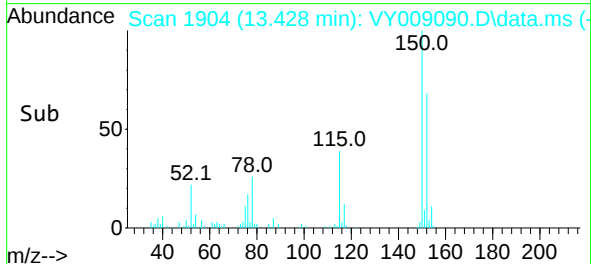
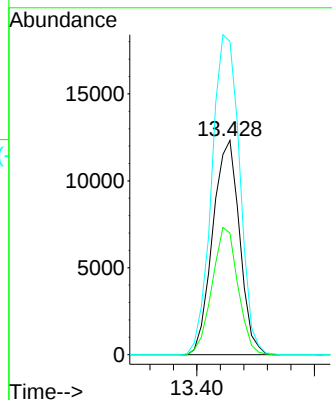
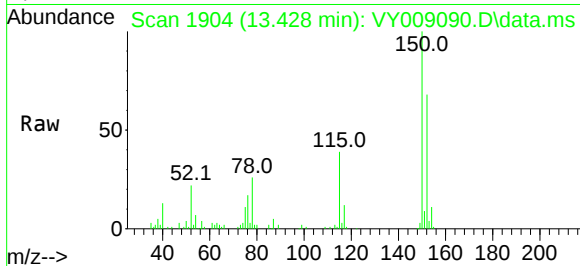




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009090.D
 Acq: 25 May 2022 15:19

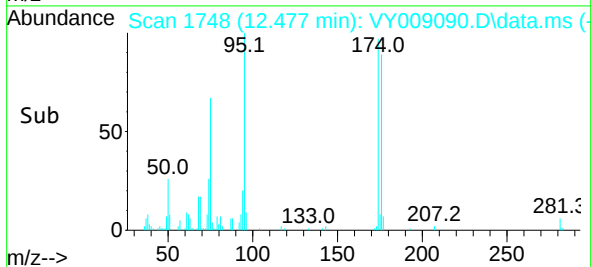
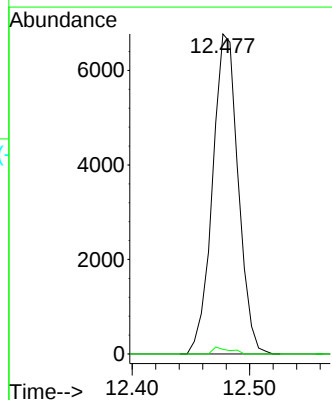
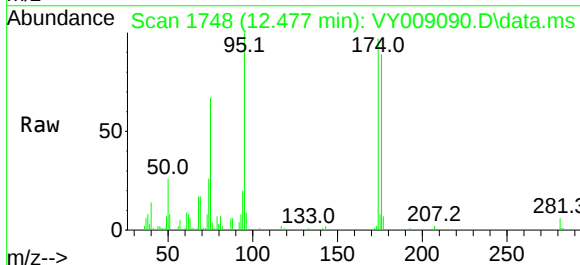
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7(3.5-4)

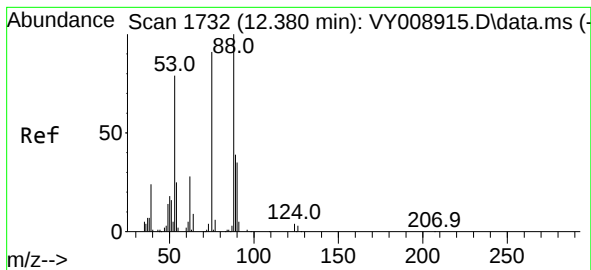
Tgt Ion:152 Resp: 19578
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 155.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.905 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009090.D
 Acq: 25 May 2022 15:19

Tgt Ion: 75 Resp: 10282
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.378 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009090.D
 Acq: 25 May 2022 15:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7(3.5-4)

Tgt Ion: 75 Resp: 10282
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

