

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009114.D
 Acq On : 26 May 2022 13:39
 Operator : KP/MD
 Sample : N2981-12
 Misc : 3.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10(1.5-2)

Quant Time: May 27 03:24:01 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)

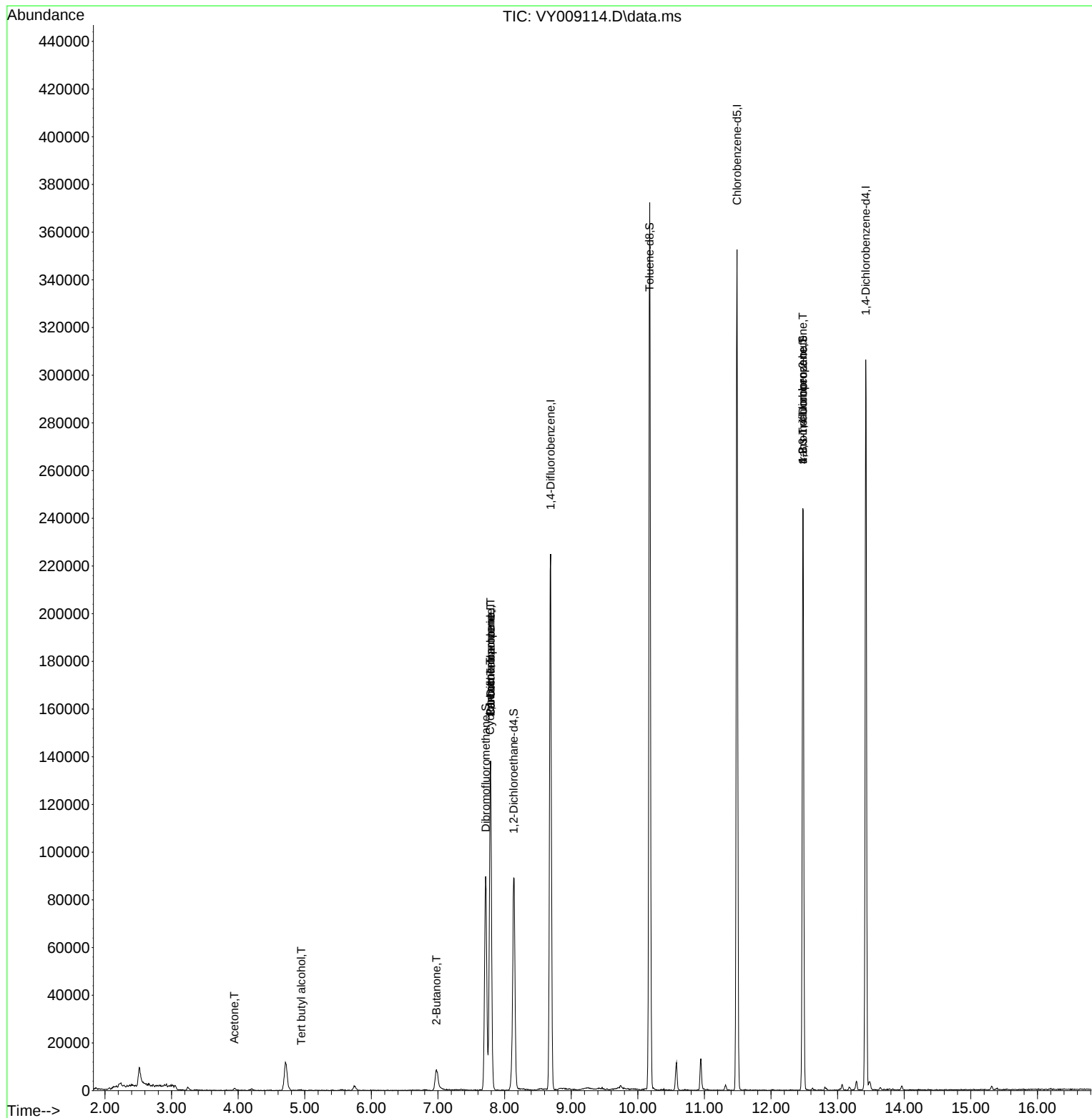
Internal Standards						
1) Pentafluorobenzene	7.789	168	104225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	187385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	176771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	64986	60.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.160%	
35) Dibromofluoromethane	7.716	113	60308	51.756	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.520%	
50) Toluene-d8	10.179	98	231385	53.826	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.660%	
62) 4-Bromofluorobenzene	12.477	95	65582	37.820	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	132	1.213	ug/l #	77
16) Acetone	3.942	43	1421	6.364	ug/l	90
20) Methylene Chloride	4.716	84	8586	Below Cal		85
25) 2-Butanone	6.978	43	827	2.074	ug/l #	54
31) Cyclohexane	7.783	56	2450	1.168	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8966	4.521	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10328	4.979	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	37250	47.843	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37250	98.198	ug/l #	7

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

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SB-10(1.5-2)

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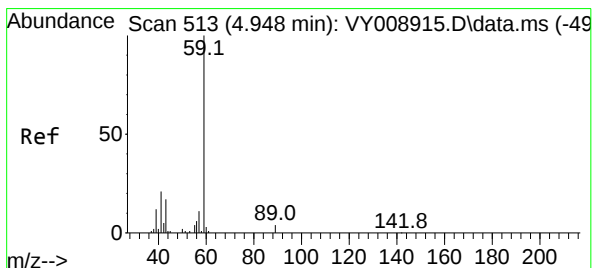
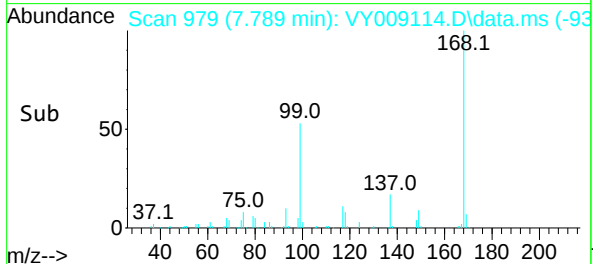
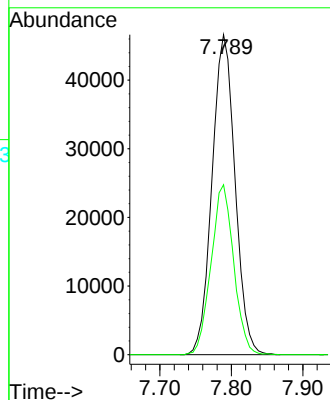
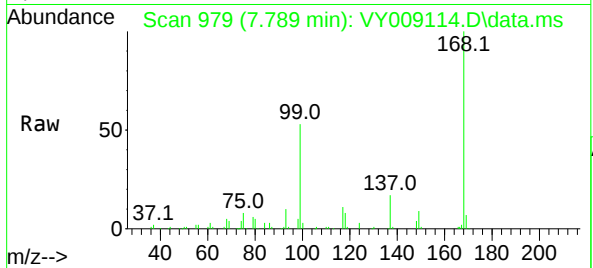




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009114.D
Acq: 26 May 2022 13:39

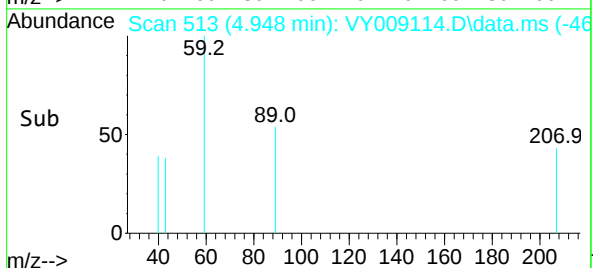
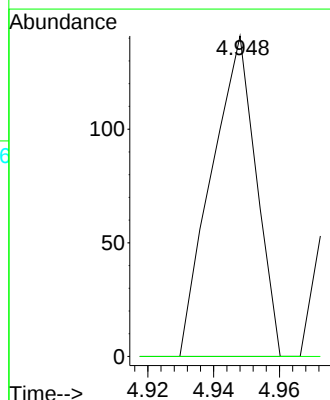
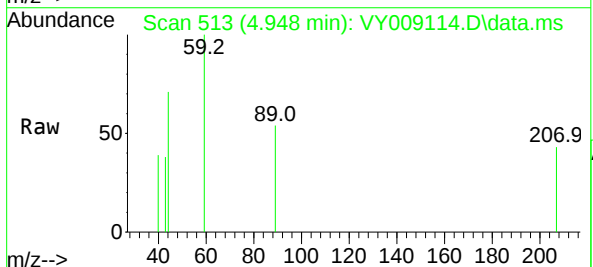
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(1.5-2)

Tgt Ion:168 Resp: 104225
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.213 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009114.D
Acq: 26 May 2022 13:39

Tgt Ion: 59 Resp: 132
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

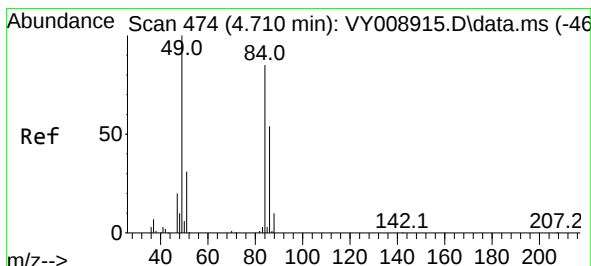
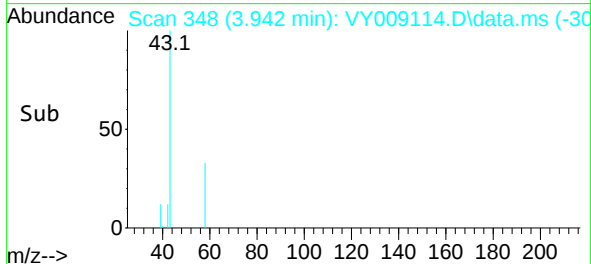
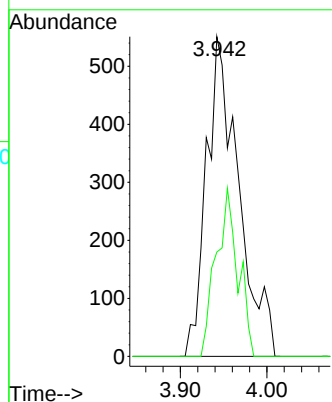
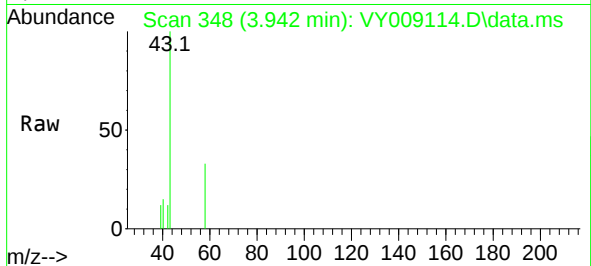




#16
Acetone
Concen: 6.364 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009114.D
Acq: 26 May 2022 13:39

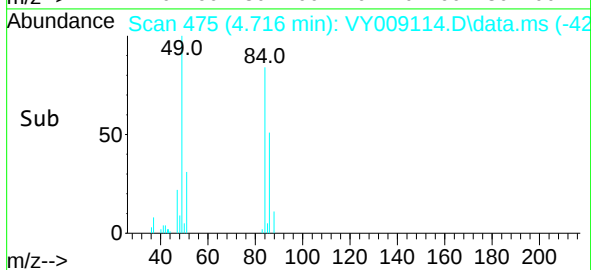
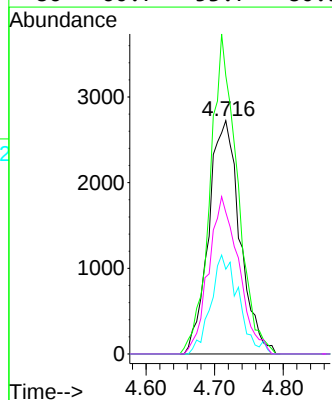
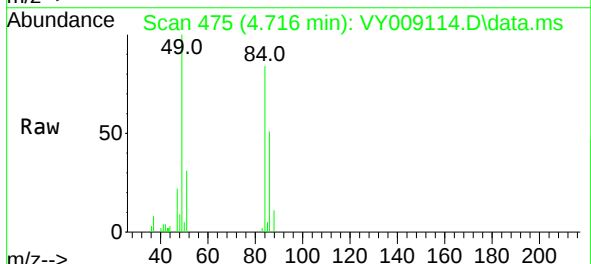
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(1.5-2)

Tgt Ion: 43 Resp: 1421
Ion Ratio Lower Upper
43 100
58 32.7 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009114.D
Acq: 26 May 2022 13:39

Tgt Ion: 84 Resp: 8586
Ion Ratio Lower Upper
84 100
49 119.3 114.4 171.6
51 36.4 35.3 52.9
86 60.7 53.7 80.5

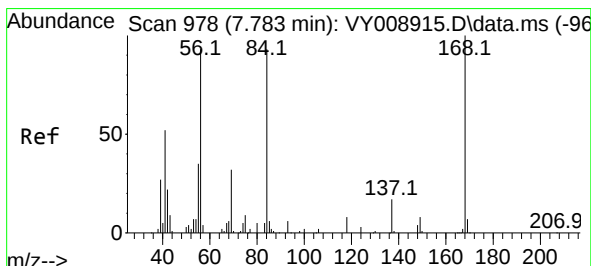
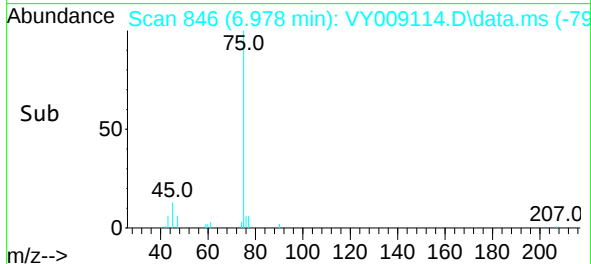
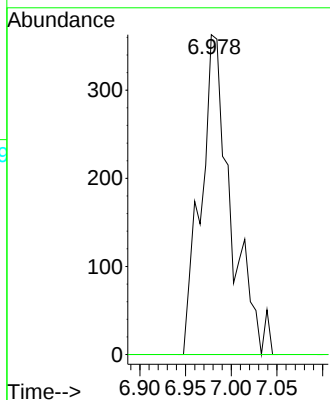
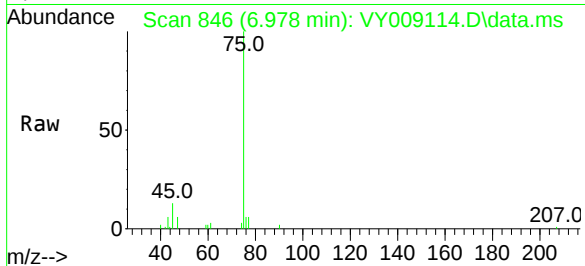




#25
2-Butanone
Concen: 2.074 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY009114.D
Acq: 26 May 2022 13:39

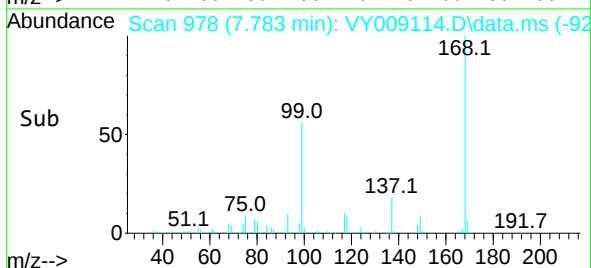
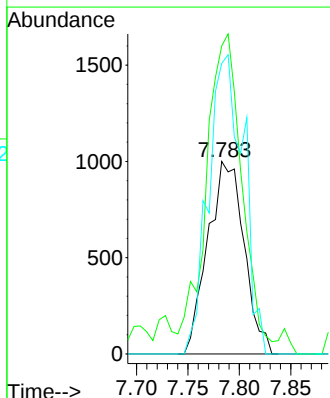
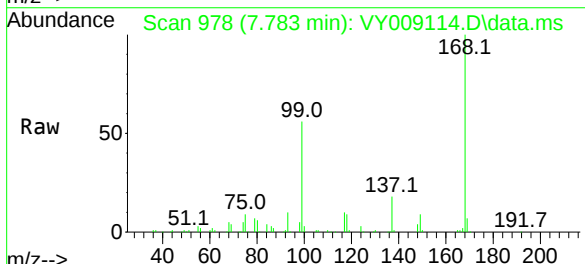
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(1.5-2)

Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009114.D
Acq: 26 May 2022 13:39

Tgt Ion: 56 Resp: 2450
Ion Ratio Lower Upper
56 100
69 153.1 26.7 40.1#
84 150.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.584 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY009114.D

Acq: 26 May 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

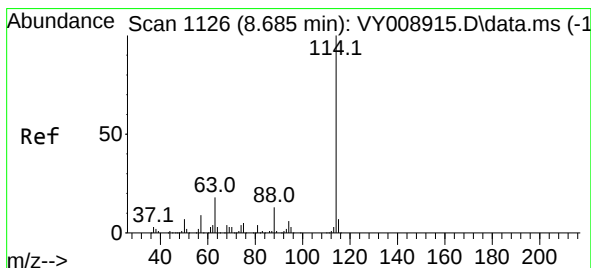
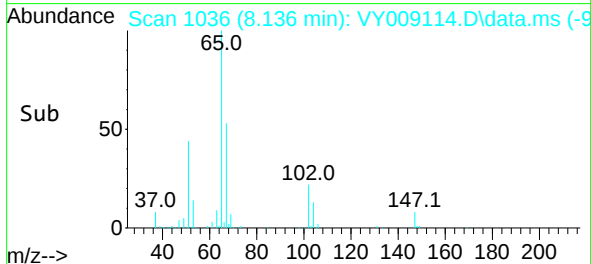
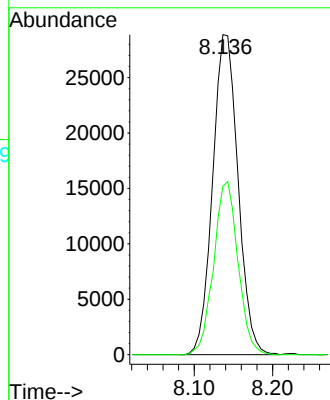
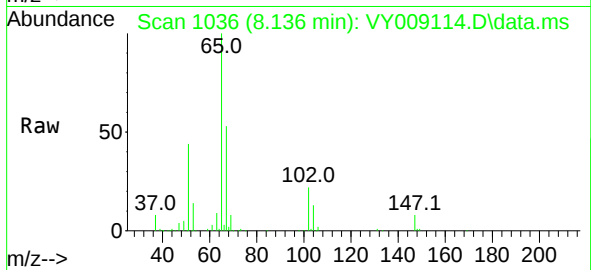
SB-10(1.5-2)

Tgt Ion: 65 Resp: 64986

Ion Ratio Lower Upper

65 100

67 51.9 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: VY009114.D

Acq: 26 May 2022 13:39

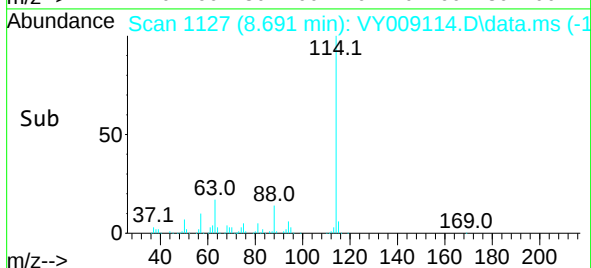
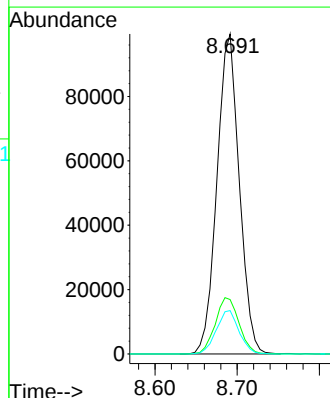
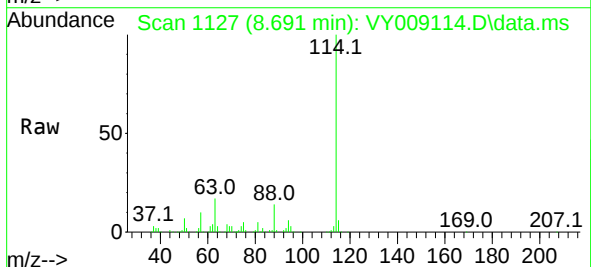
Tgt Ion: 114 Resp: 187385

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 13.6 0.0 31.8

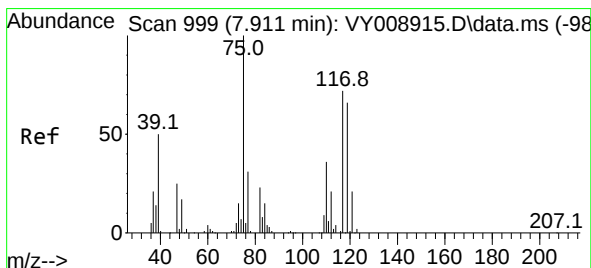
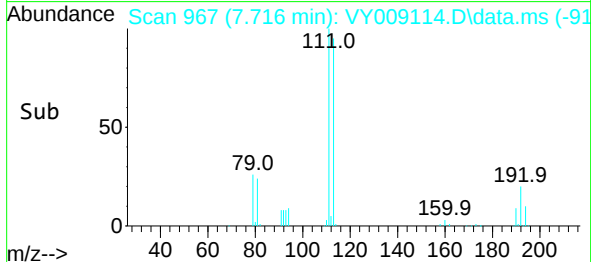
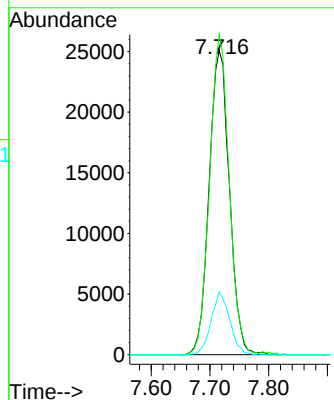
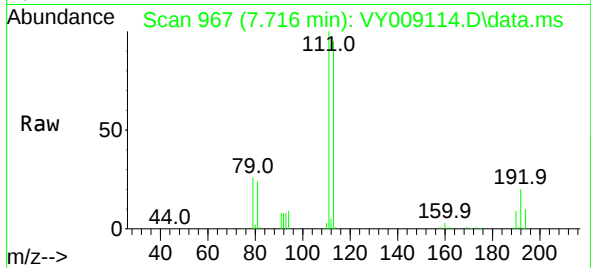




#35
Dibromofluoromethane
Concen: 51.756 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009114.D
Acq: 26 May 2022 13:39

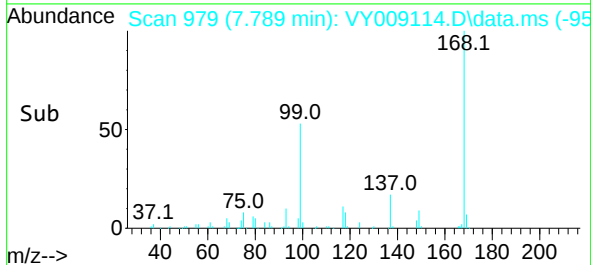
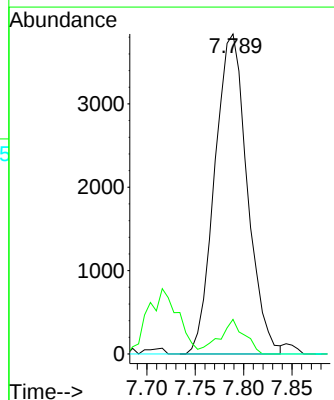
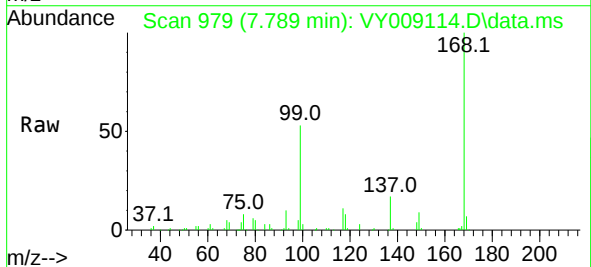
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(1.5-2)

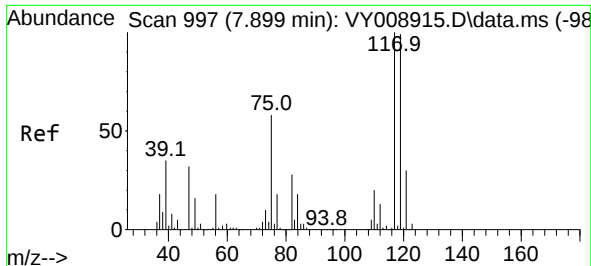
Tgt Ion:113 Resp: 60308
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.521 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009114.D
Acq: 26 May 2022 13:39

Tgt Ion: 75 Resp: 8966
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.0 24.4 36.6#

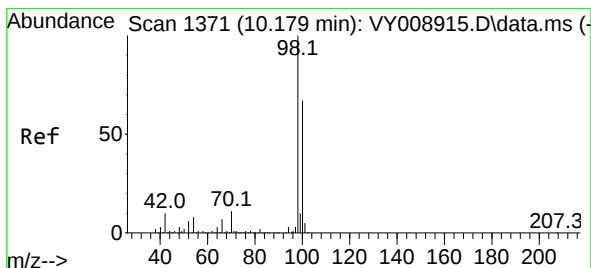
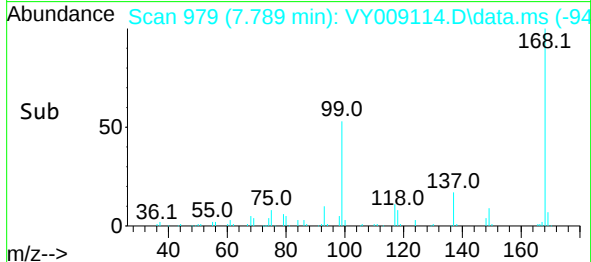
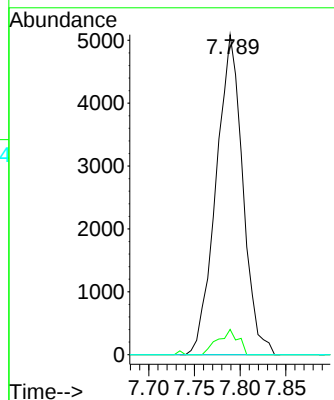
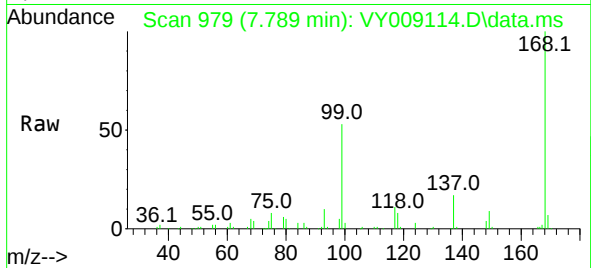




#38
Carbon Tetrachloride
Concen: 4.979 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009114.D
Acq: 26 May 2022 13:39

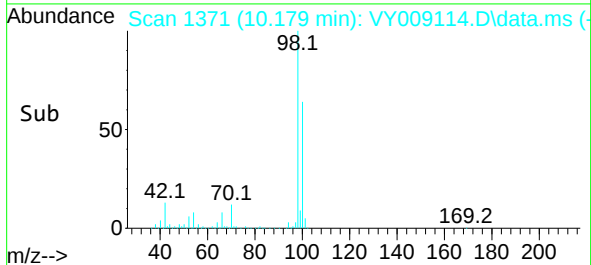
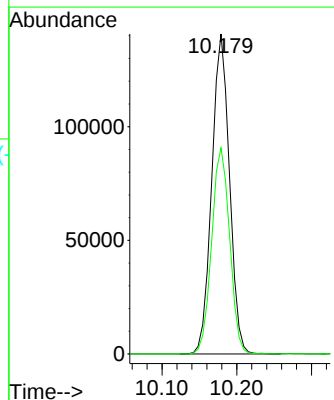
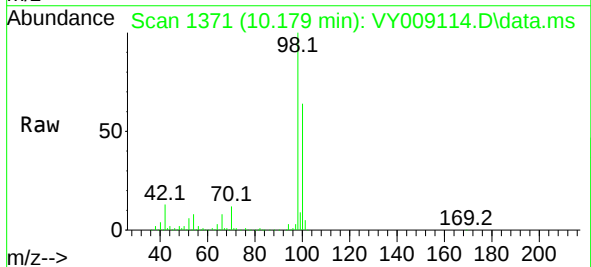
Instrument :
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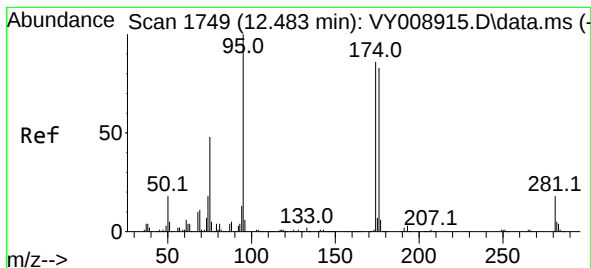
Tgt Ion:117 Resp: 10328
Ion Ratio Lower Upper
117 100
119 7.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.826 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009114.D
Acq: 26 May 2022 13:39

Tgt Ion: 98 Resp: 231385
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

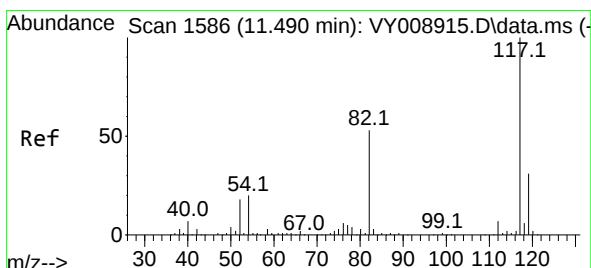
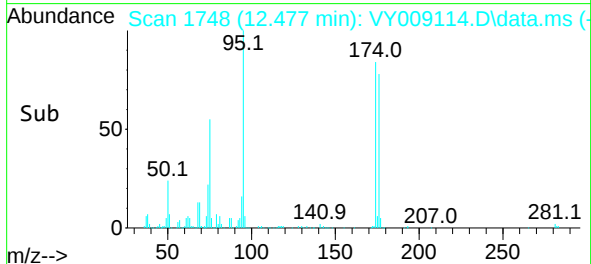
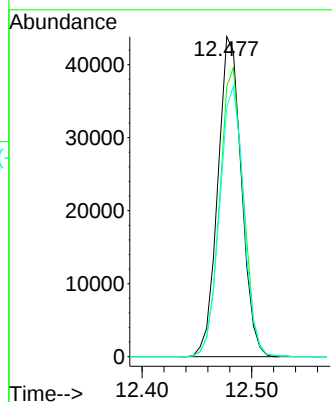
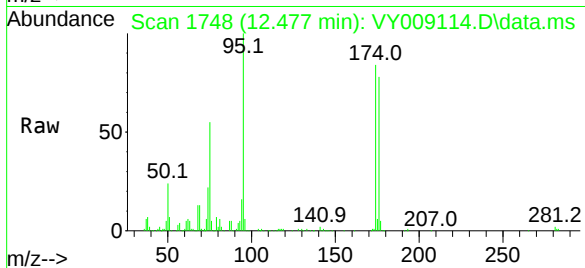




#62
4-Bromofluorobenzene
Concen: 37.820 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009114.D
Acq: 26 May 2022 13:39

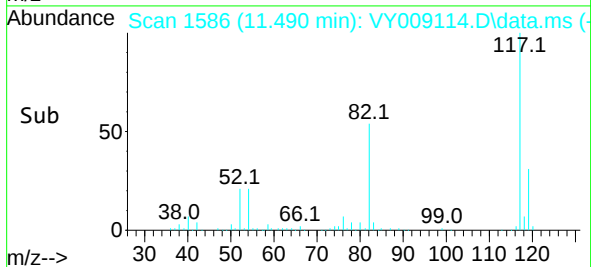
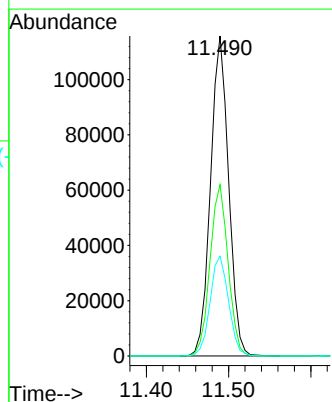
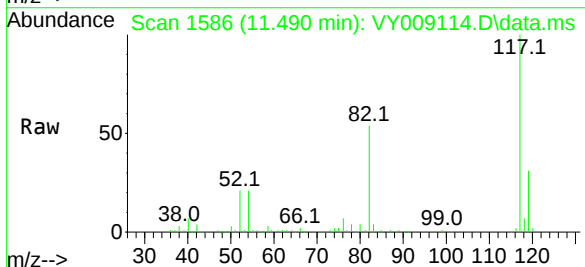
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(1.5-2)

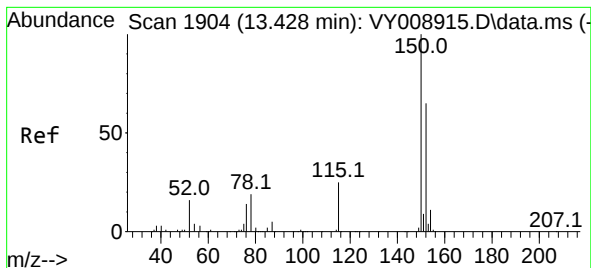
Tgt Ion: 95 Resp: 65582
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 86.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009114.D
Acq: 26 May 2022 13:39

Tgt Ion: 117 Resp: 176771
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.2 25.4 38.0

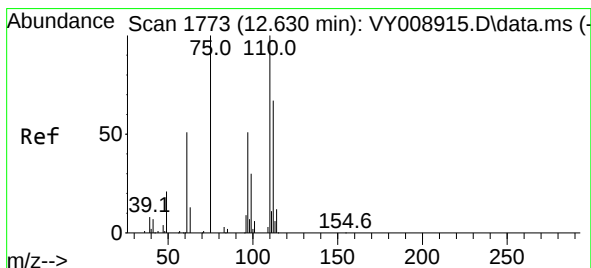
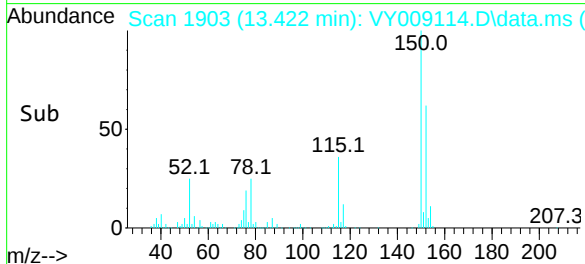
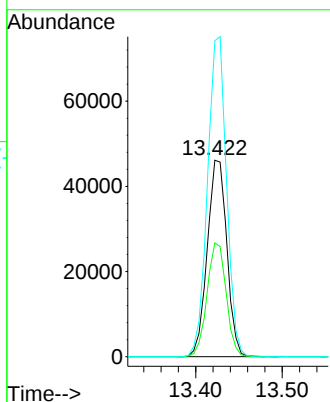
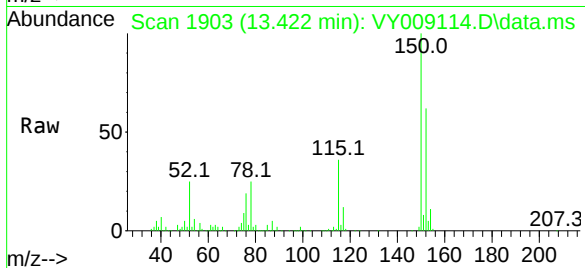




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY009114.D
 Acq: 26 May 2022 13:39

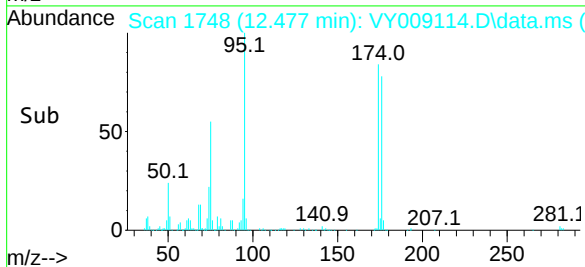
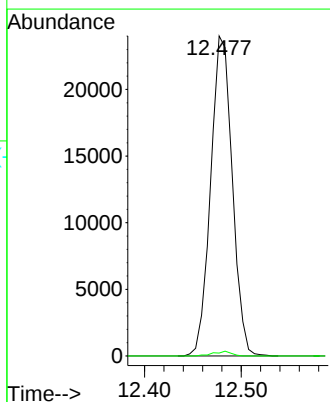
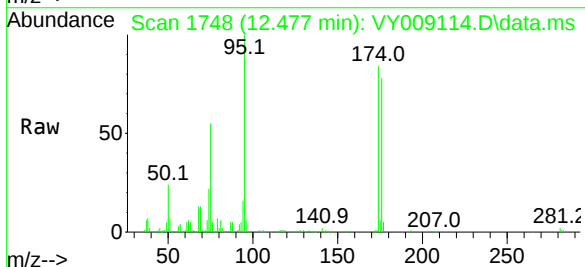
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10(1.5-2)

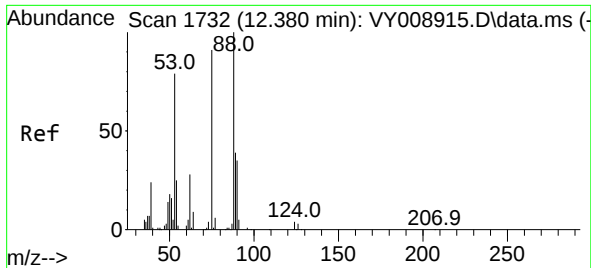
Tgt Ion:152 Resp: 72502
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.2 84.7
 150 158.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.843 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009114.D
 Acq: 26 May 2022 13:39

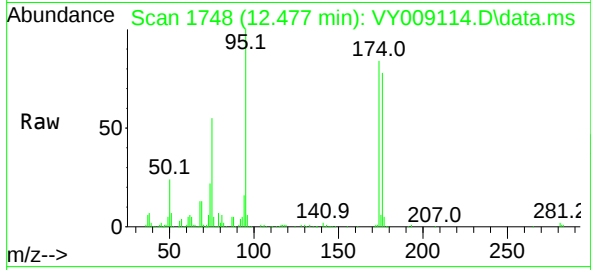
Tgt Ion: 75 Resp: 37250
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.198 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009114.D
 Acq: 26 May 2022 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10(1.5-2)



Tgt Ion:	75	Resp:	37250
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.3	37.0	55.4#

