

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009111.D
 Acq On : 26 May 2022 12:29
 Operator : KP/MD
 Sample : N3028-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-1-5FT

Quant Time: May 27 03:23:17 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)

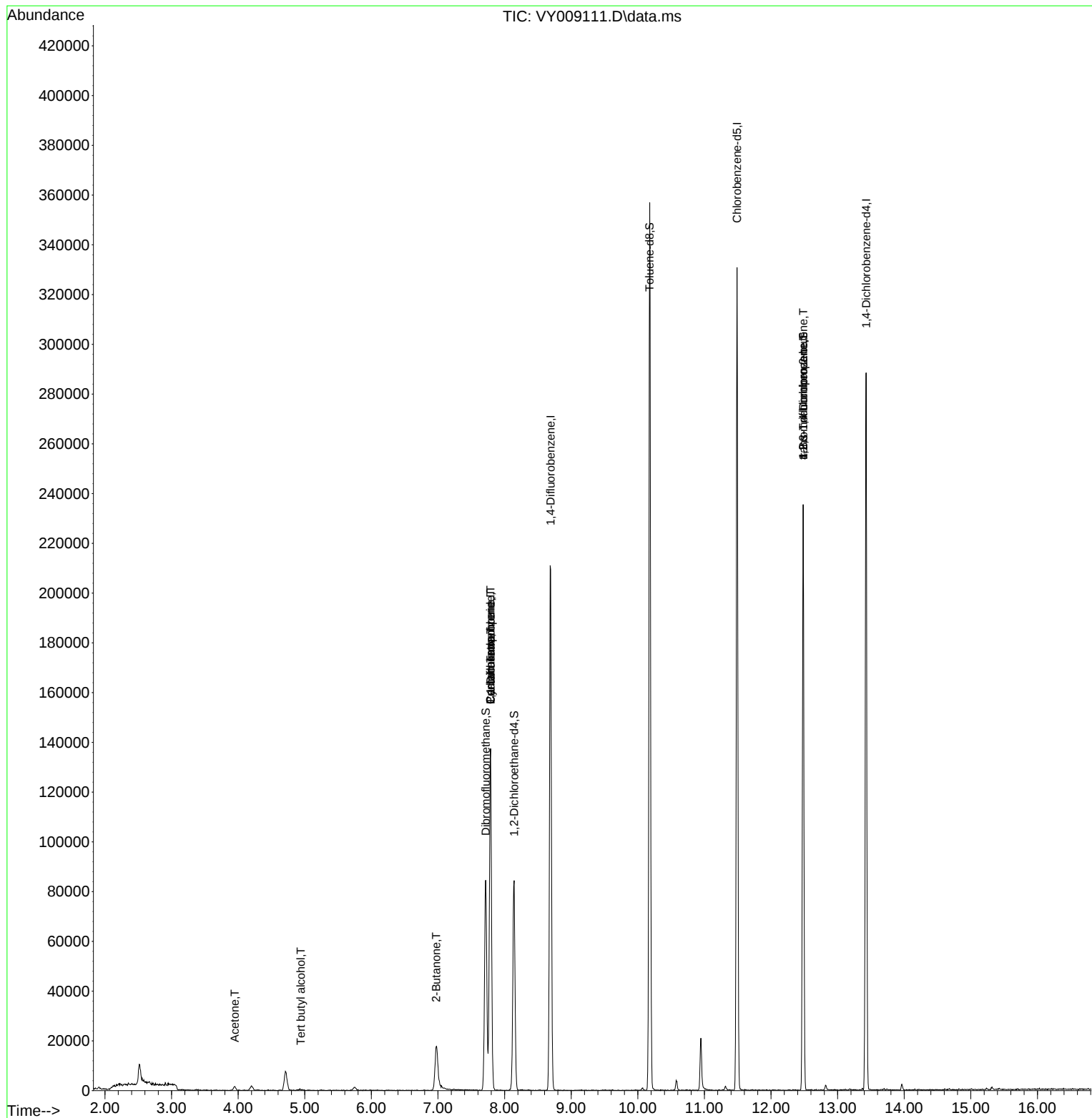
Internal Standards						
1) Pentafluorobenzene	7.789	168	102627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	165662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62513	59.186	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 118.380%	
35) Dibromofluoromethane	7.716	113	57353	51.208	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 102.420%	
50) Toluene-d8	10.179	98	223711	54.144	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 108.280%	
62) 4-Bromofluorobenzene	12.483	95	61134	36.679	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 73.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	805	7.514	ug/l #	77
16) Acetone	3.948	43	2344	10.661	ug/l #	44
20) Methylene Chloride	4.716	84	5490	Below Cal		88
25) 2-Butanone	6.972	43	1071	2.727	ug/l #	54
31) Cyclohexane	7.789	56	2438	1.180	ug/l #	24
36) 1,1-Dichloropropene	7.789	75	8981	4.712	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10403	5.217	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	35389	48.449	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35389	99.441	ug/l #	7

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

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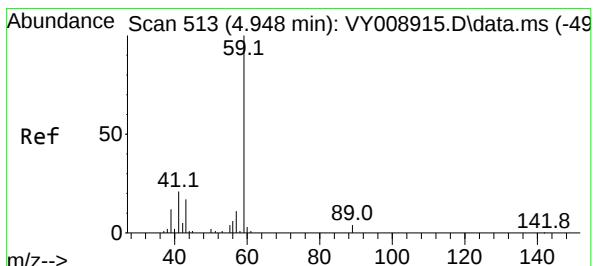
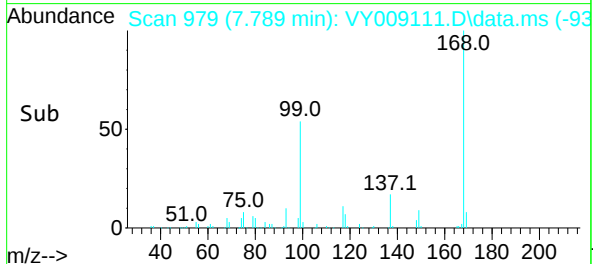
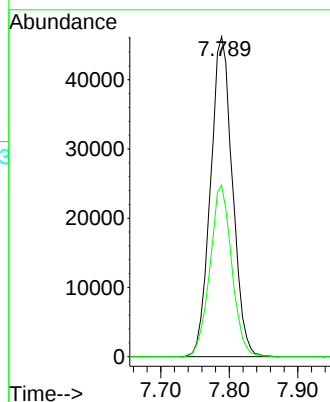
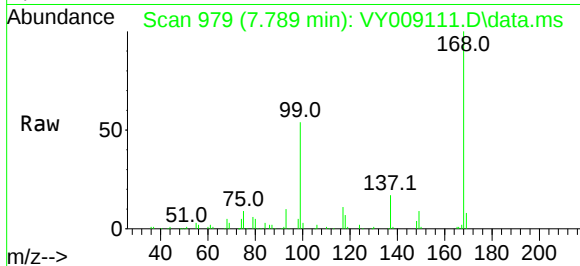




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009111.D
Acq: 26 May 2022 12:29

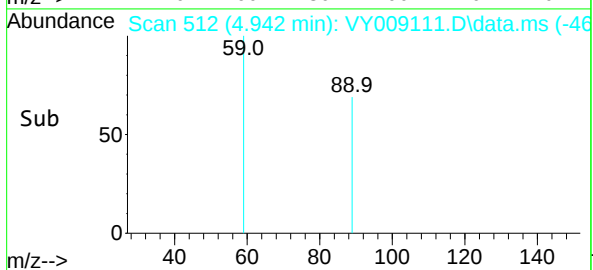
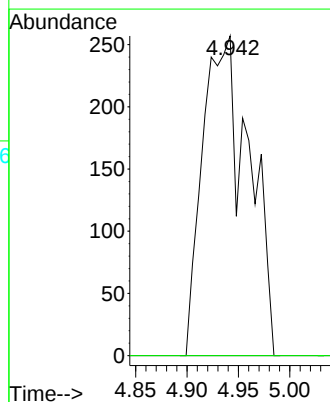
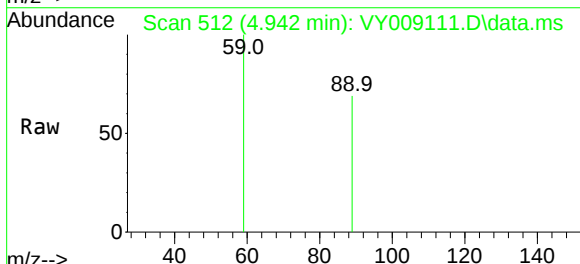
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

Tgt Ion:168 Resp: 102627
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 7.514 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009111.D
Acq: 26 May 2022 12:29

Tgt Ion: 59 Resp: 805
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

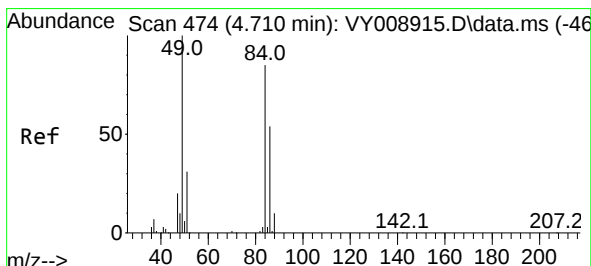
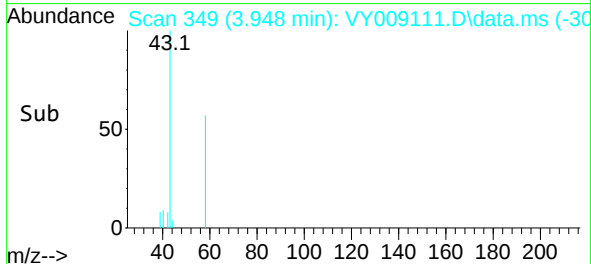
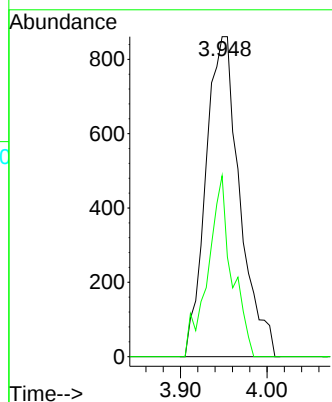
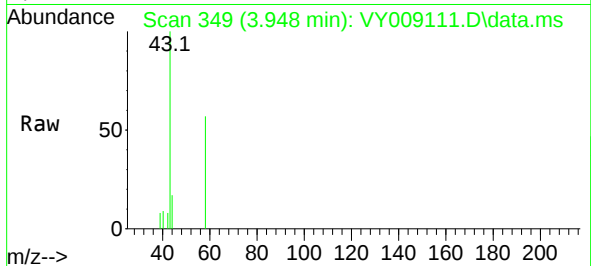




#16
Acetone
Concen: 10.661 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009111.D
Acq: 26 May 2022 12:29

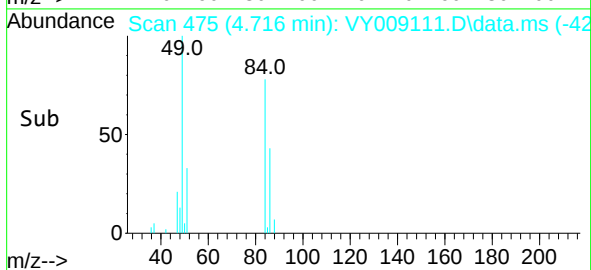
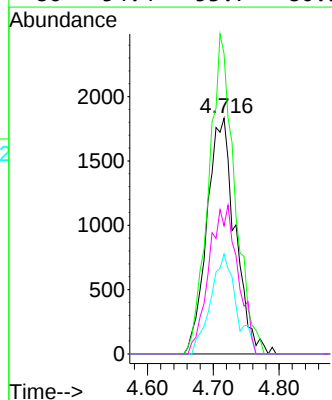
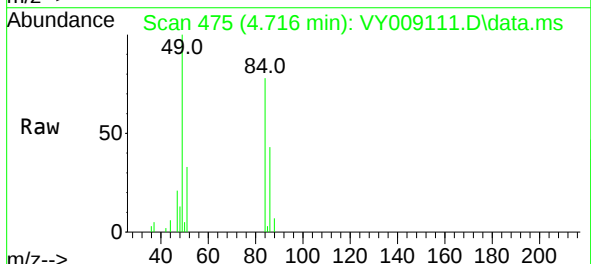
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

Tgt Ion: 43 Resp: 2344
Ion Ratio Lower Upper
43 100
58 56.6 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009111.D
Acq: 26 May 2022 12:29

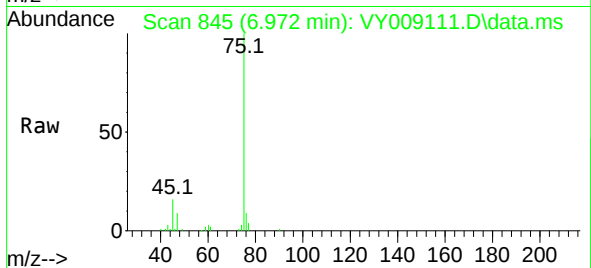
Tgt Ion: 84 Resp: 5490
Ion Ratio Lower Upper
84 100
49 127.4 114.4 171.6
51 42.4 35.3 52.9
86 54.4 53.7 80.5



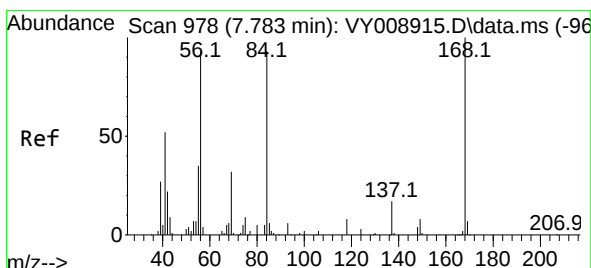
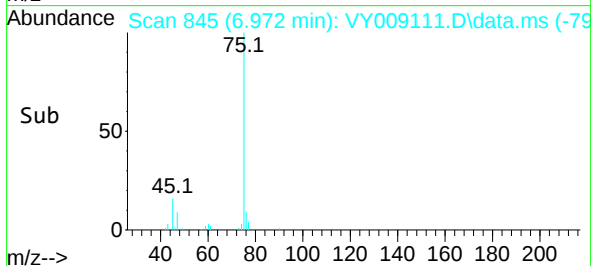
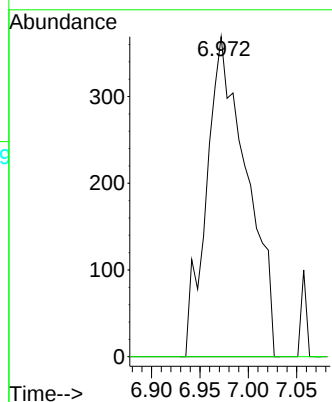


#25
2-Butanone
Concen: 2.727 ug/l
RT: 6.972 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY009111.D
Acq: 26 May 2022 12:29

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

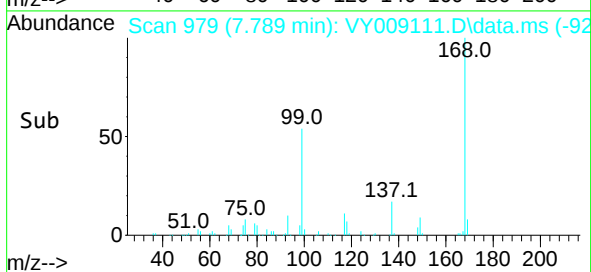
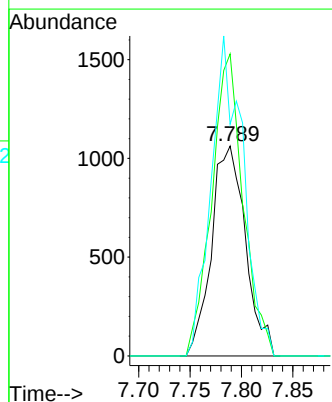
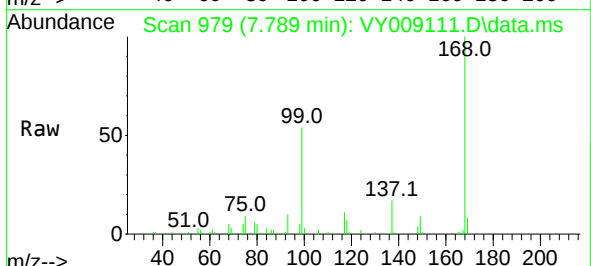


Tgt Ion: 43 Resp: 1071
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.180 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY009111.D
Acq: 26 May 2022 12:29

Tgt Ion: 56 Resp: 2438
Ion Ratio Lower Upper
56 100
69 143.8 26.7 40.1#
84 110.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 59.186 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY009111.D

Acq: 26 May 2022 12:29

Instrument :

MSVOA_Y

ClientSampleId :

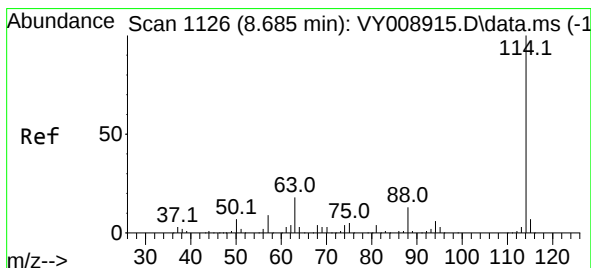
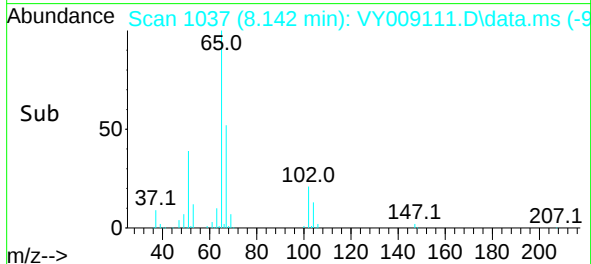
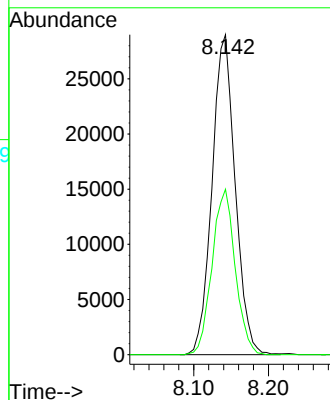
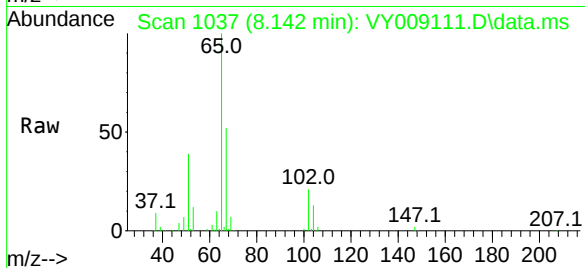
TP-1-1-5FT

Tgt Ion: 65 Resp: 62513

Ion Ratio Lower Upper

65 100

67 51.7 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: VY009111.D

Acq: 26 May 2022 12:29

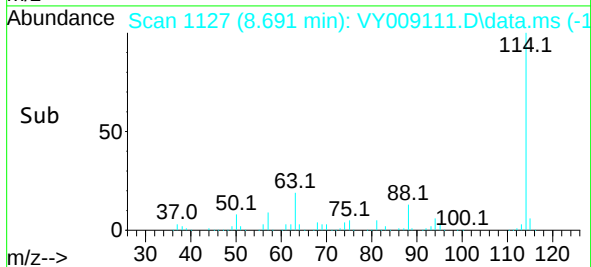
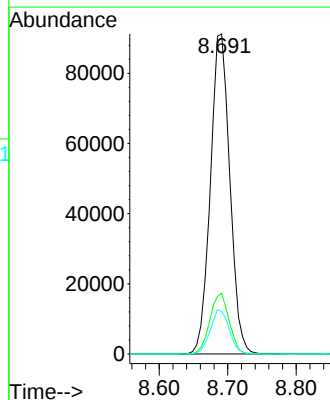
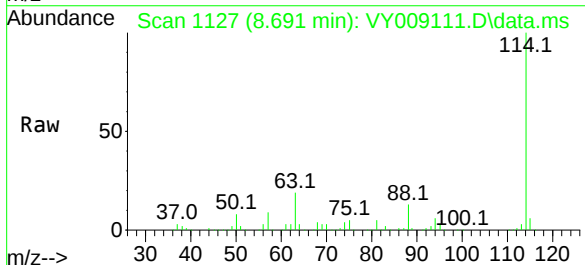
Tgt Ion: 114 Resp: 180109

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 13.4 0.0 31.8

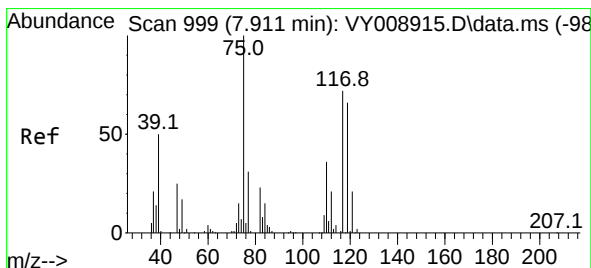
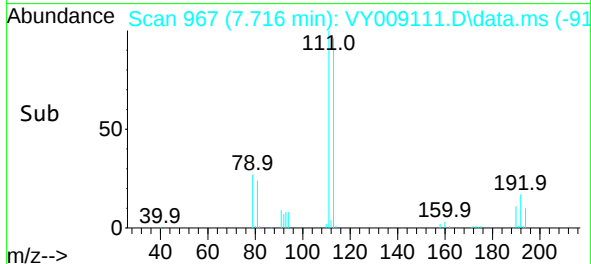
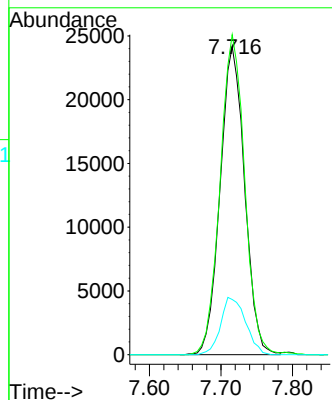
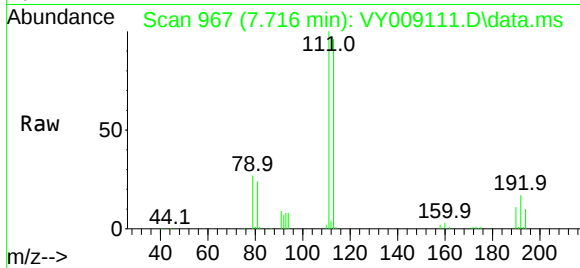




#35
Dibromofluoromethane
Concen: 51.208 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009111.D
Acq: 26 May 2022 12:29

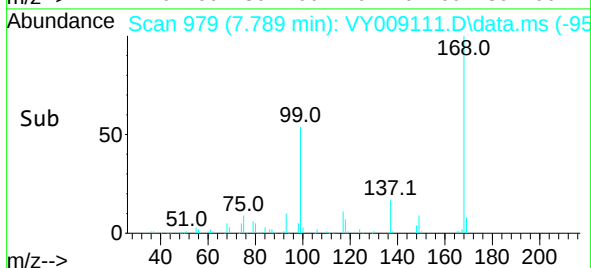
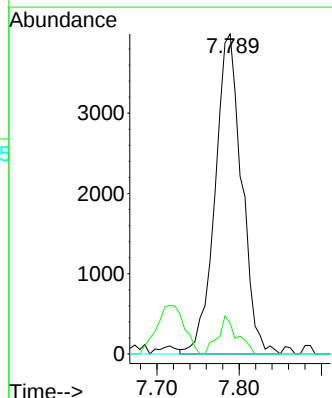
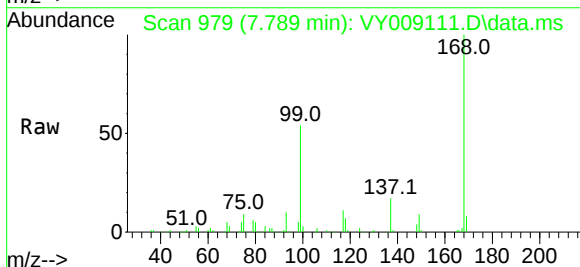
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

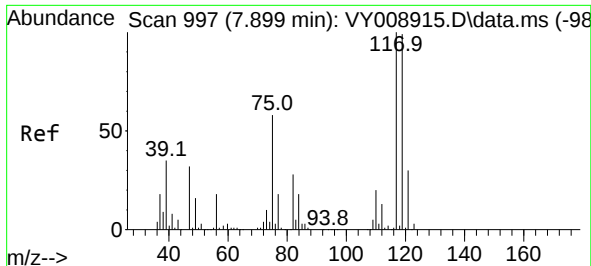
Tgt Ion:113 Resp: 57353
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.712 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009111.D
Acq: 26 May 2022 12:29

Tgt Ion: 75 Resp: 8981
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#

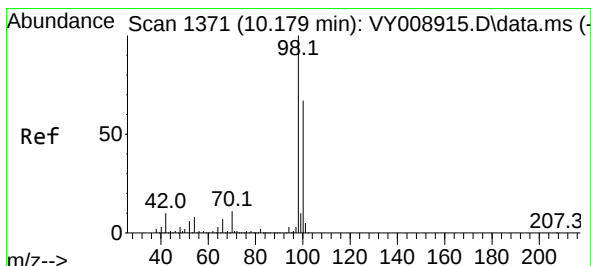
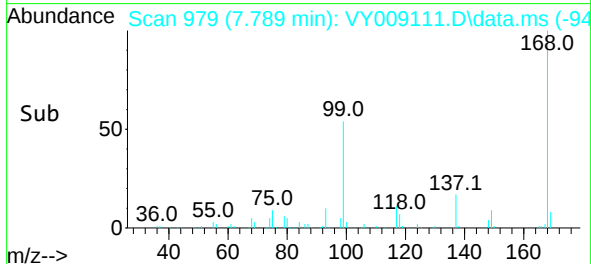
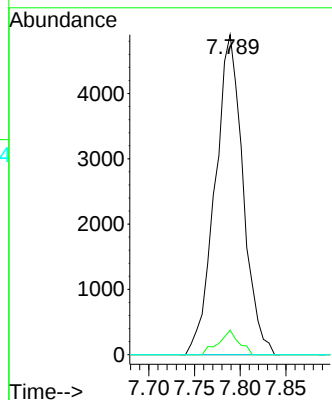
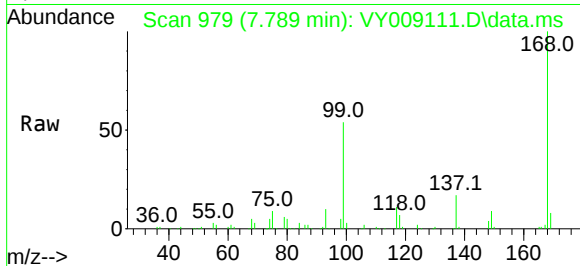




#38
Carbon Tetrachloride
Concen: 5.217 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009111.D
Acq: 26 May 2022 12:29

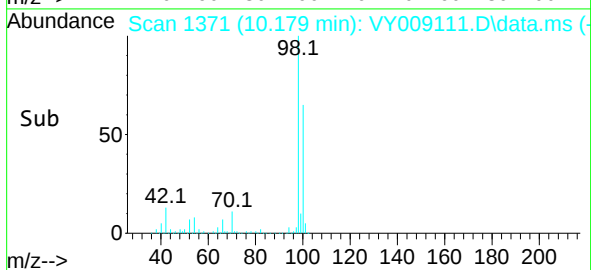
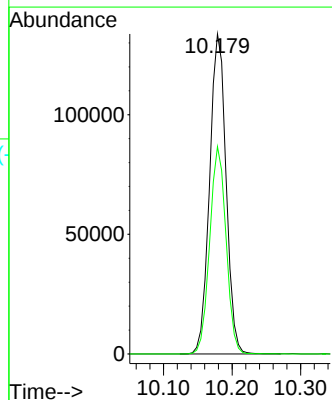
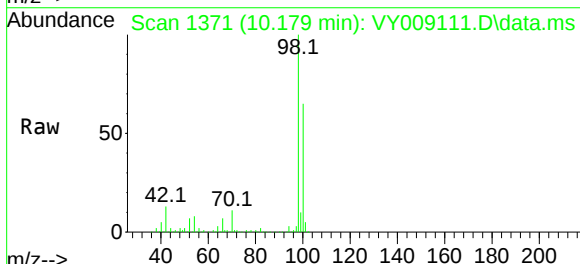
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

Tgt Ion:117 Resp: 10403
Ion Ratio Lower Upper
117 100
119 7.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.144 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009111.D
Acq: 26 May 2022 12:29

Tgt Ion: 98 Resp: 223711
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

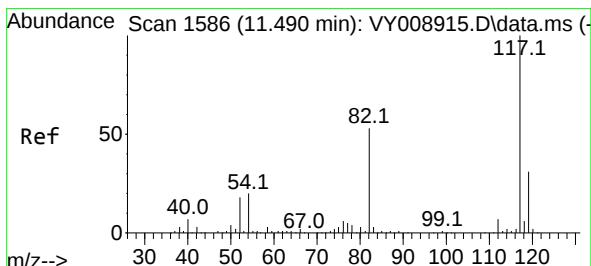
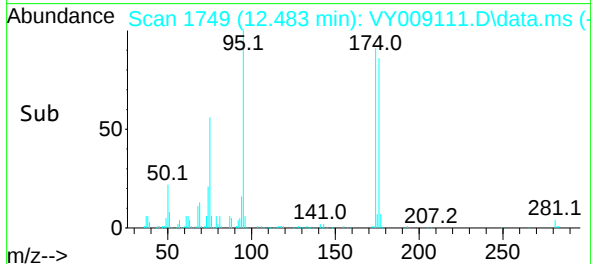
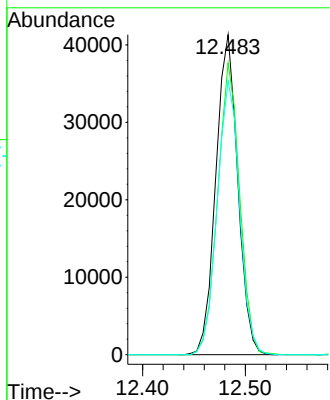
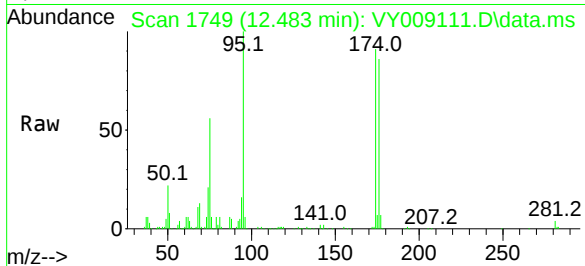




#62
4-Bromofluorobenzene
Concen: 36.679 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009111.D
Acq: 26 May 2022 12:29

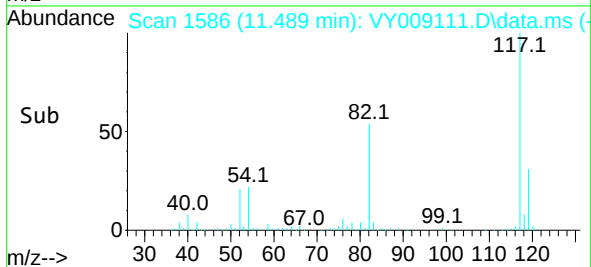
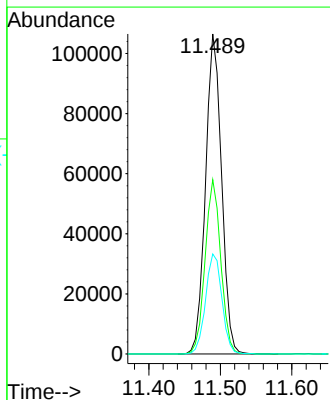
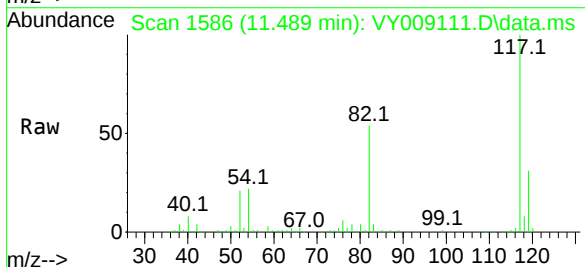
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

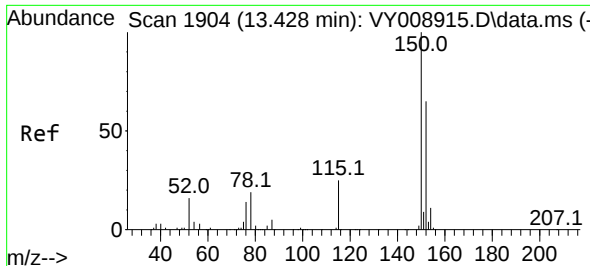
Tgt Ion: 95 Resp: 61134
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 87.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009111.D
Acq: 26 May 2022 12:29

Tgt Ion: 117 Resp: 165662
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 31.2 25.4 38.0

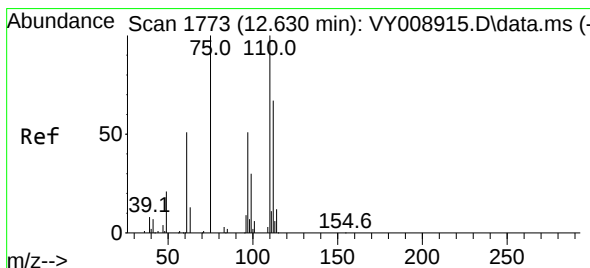
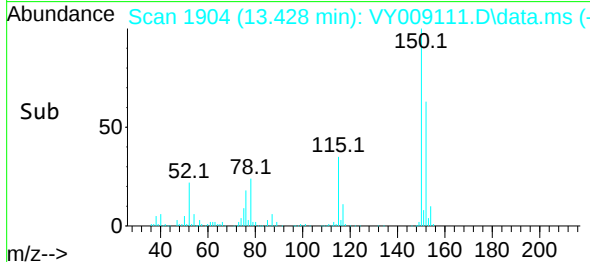
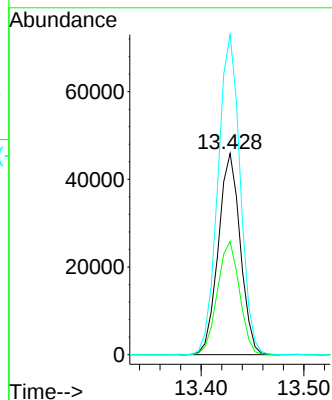
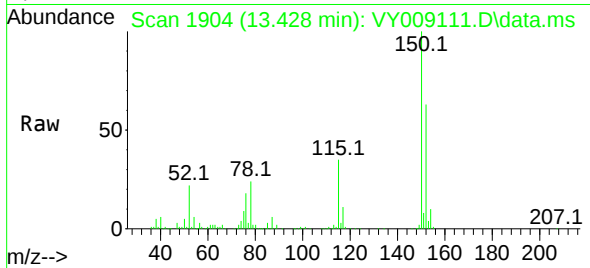




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009111.D
 Acq: 26 May 2022 12:29

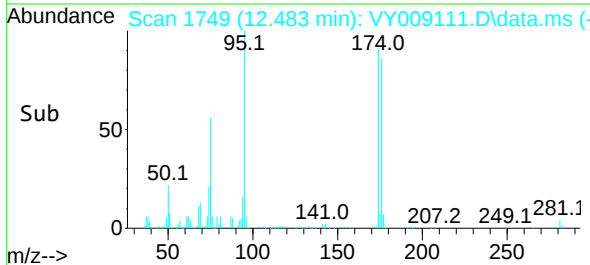
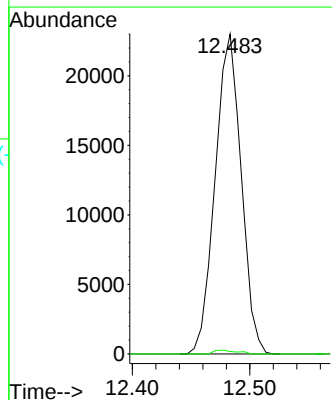
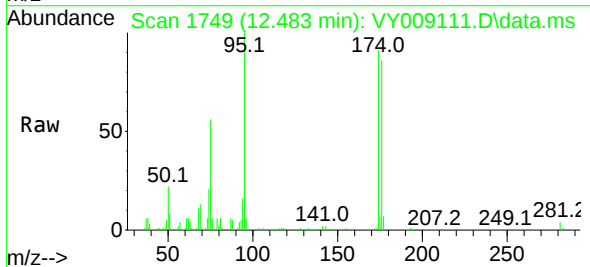
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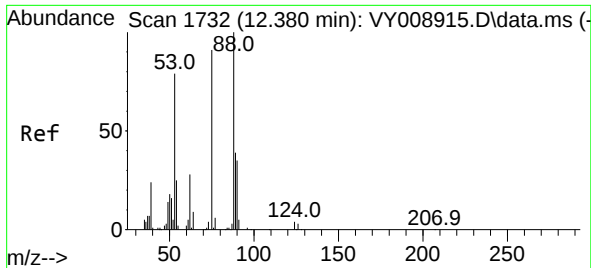
Tgt Ion:152 Resp: 68019
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.7
 150 161.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.449 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY009111.D
 Acq: 26 May 2022 12:29

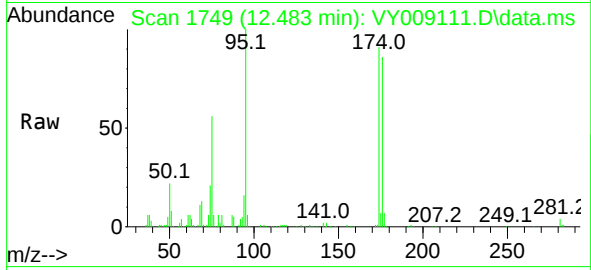
Tgt Ion: 75 Resp: 35389
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.441 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009111.D
 Acq: 26 May 2022 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-1-5FT



Tgt Ion:	75	Resp:	35389
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.1	37.0	55.4#

