

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006239.D
 Acq On : 30 Sep 2021 14:56
 Operator : SY/MD
 Sample : M3956-04
 Misc : 5.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 16:55:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

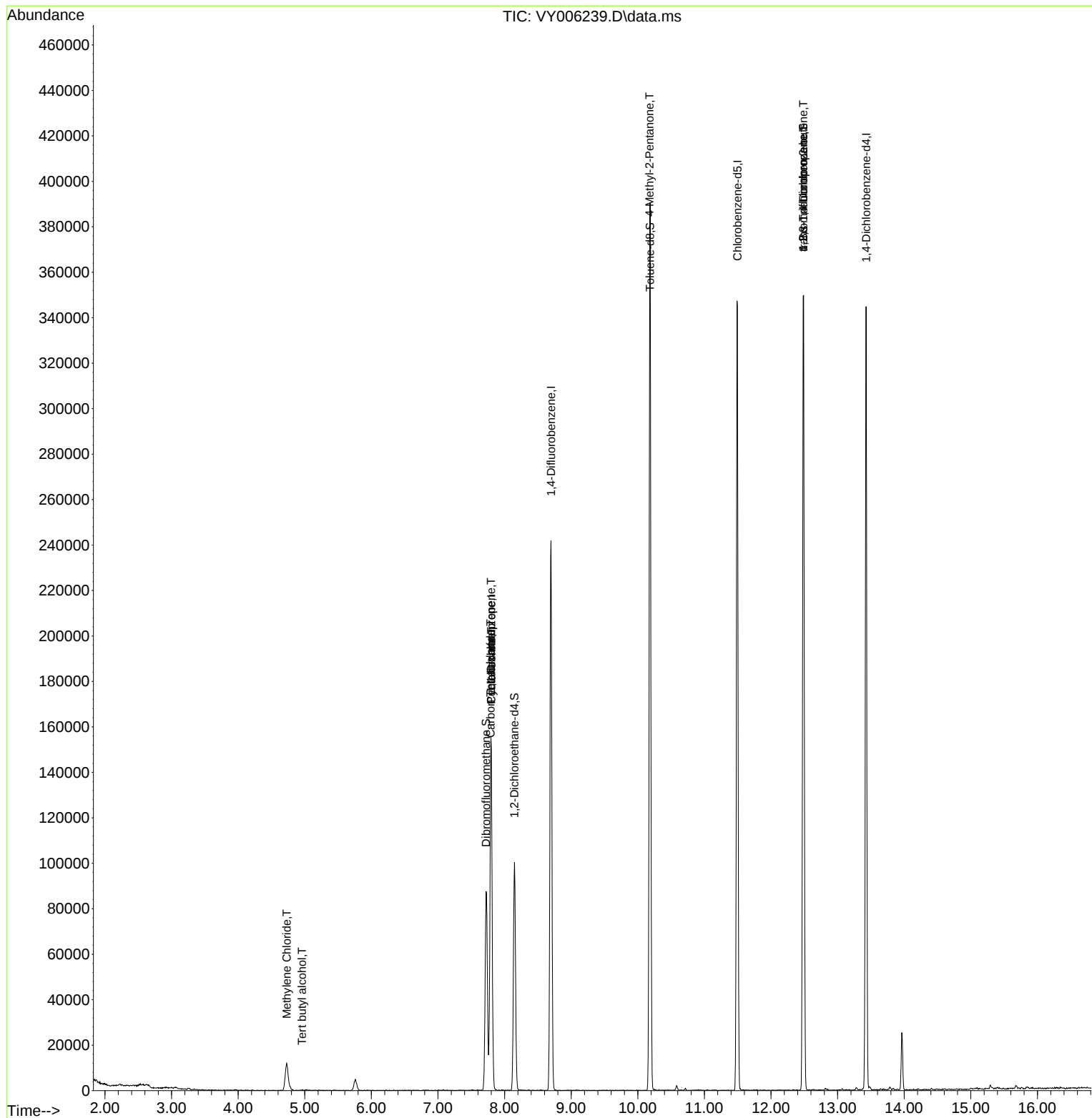
Internal Standards						
1) Pentafluorobenzene	7.801	168	121771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	199959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	185258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82583	63.364	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.720%			
35) Dibromofluoromethane	7.722	113	59063	55.287	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.580%			
50) Toluene-d8	10.185	98	248320	55.540	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.080%			
62) 4-Bromofluorobenzene	12.483	95	76916	50.640	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.280%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	366	3.210	ug/l #	77
20) Methylene Chloride	4.728	84	8573	3.338	ug/l	95
31) Cyclohexane	7.801	56	2651	1.074	ug/l #	17
36) 1,1-Dichloropropene	7.795	75	9059	4.553	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11239	5.350	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1190	1.031	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	43923	53.450	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43923	105.036	ug/l #	7

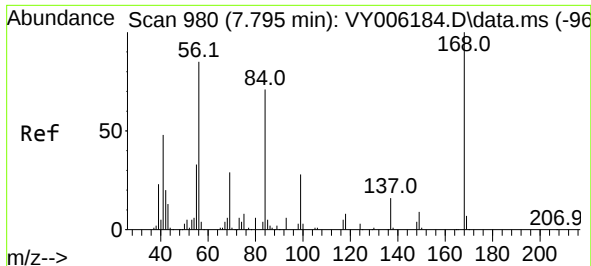
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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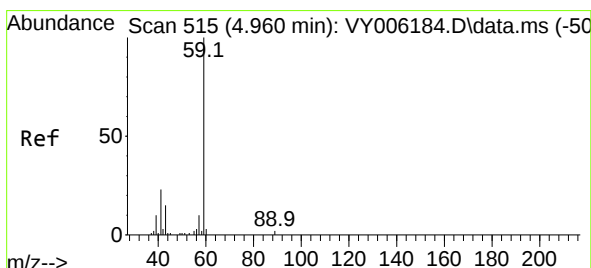
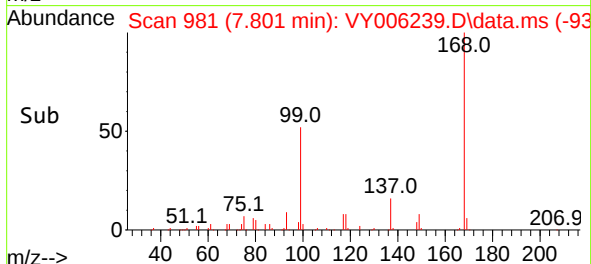
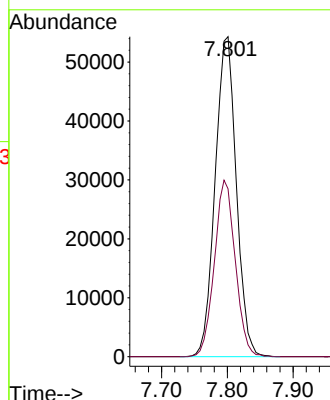
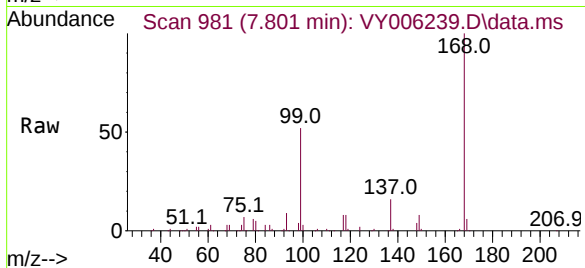




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006239.D
Acq: 30 Sep 2021 14:56

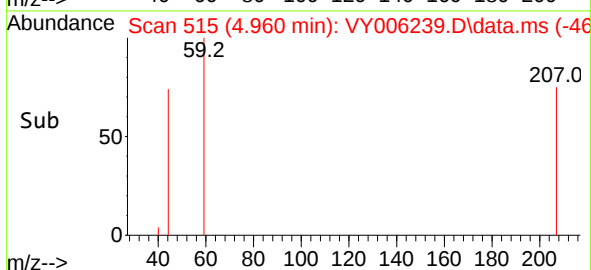
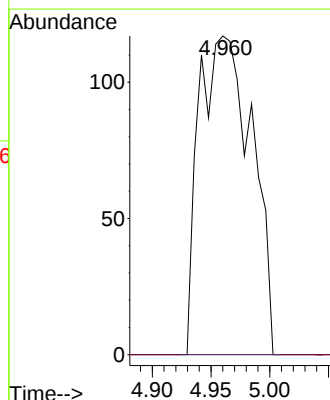
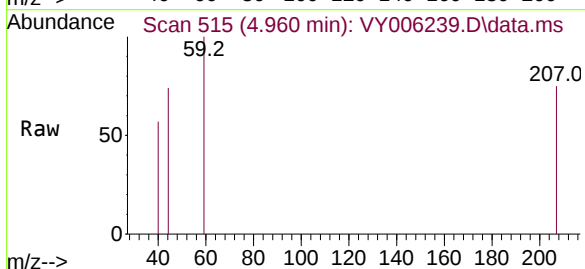
Instrument :
MSVOA_Y
ClientSampled :

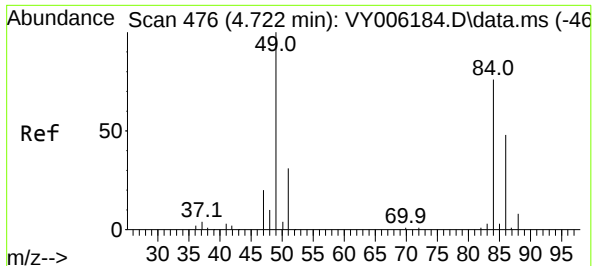
Tgt Ion:168 Resp: 121771
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.210 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006239.D
Acq: 30 Sep 2021 14:56

Tgt Ion: 59 Resp: 366
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



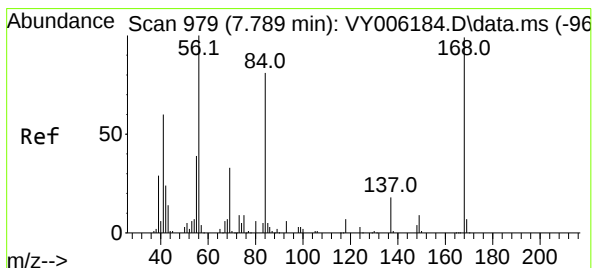
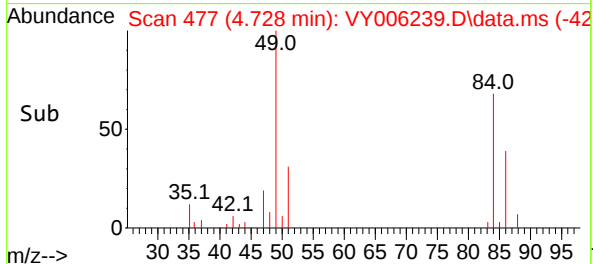
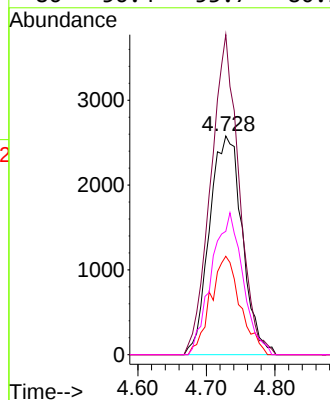
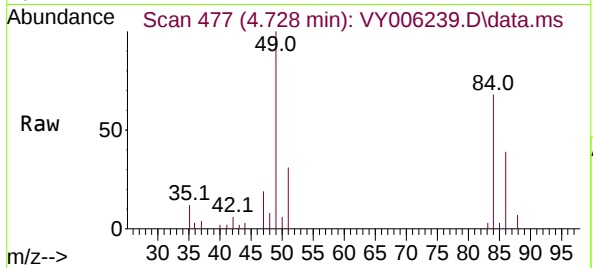


#20
Methylene Chloride
Concen: 3.338 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006239.D
Acq: 30 Sep 2021 14:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 8573

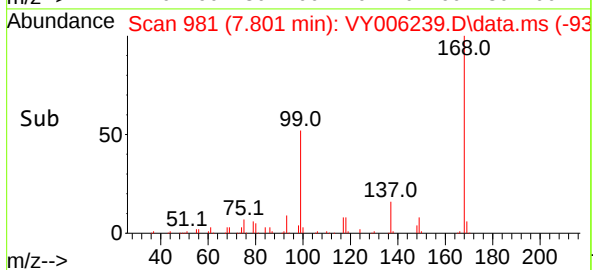
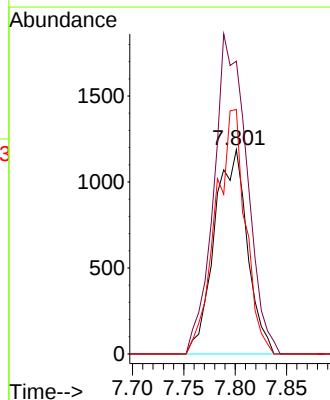
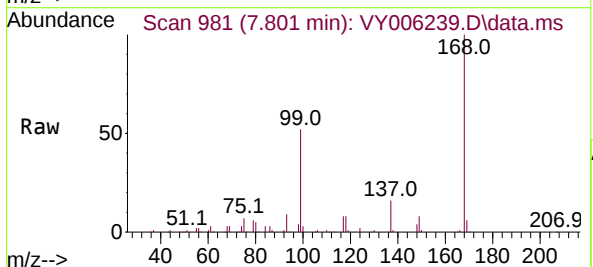
Ion	Ratio	Lower	Upper
84	100		
49	146.3	114.4	171.6
51	45.0	35.3	52.9
86	56.4	53.7	80.5

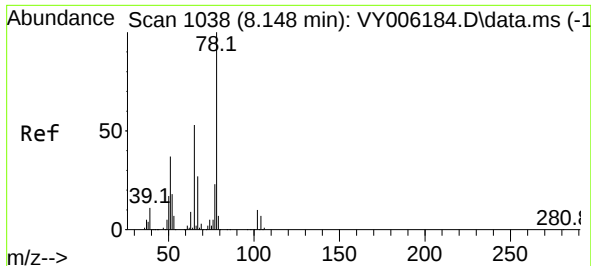


#31
Cyclohexane
Concen: 1.074 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006239.D
Acq: 30 Sep 2021 14:56

Tgt Ion: 56 Resp: 2651

Ion	Ratio	Lower	Upper
56	100		
69	143.4	26.7	40.1#
84	119.7	67.2	100.8#

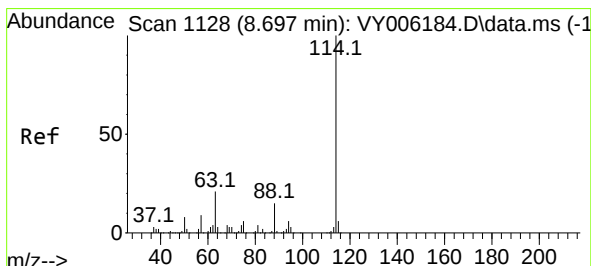
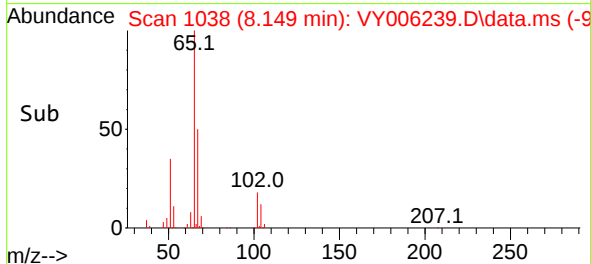
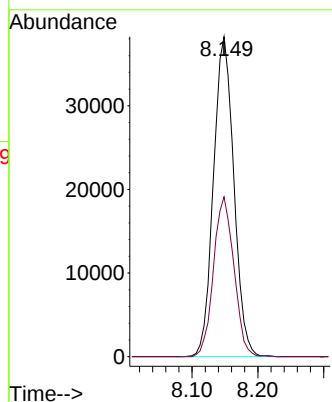
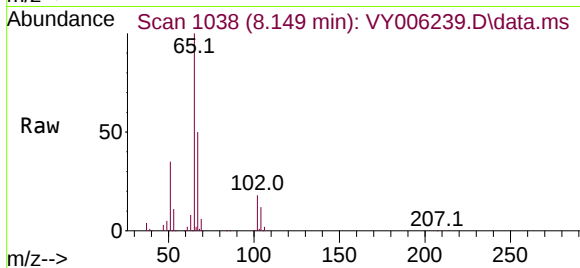




#33
1,2-Dichloroethane-d4
Concen: 63.364 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006239.D
Acq: 30 Sep 2021 14:56

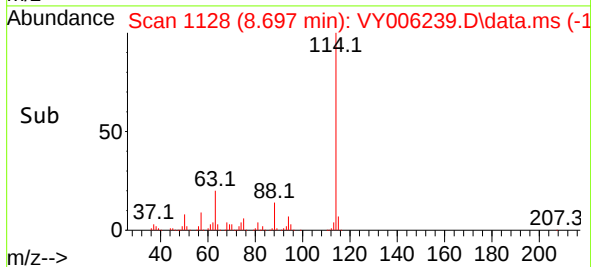
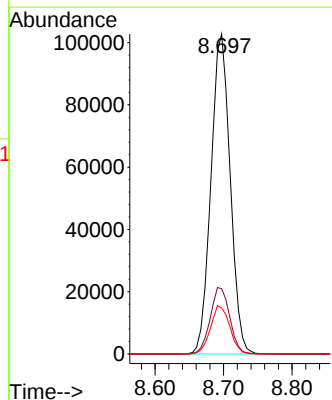
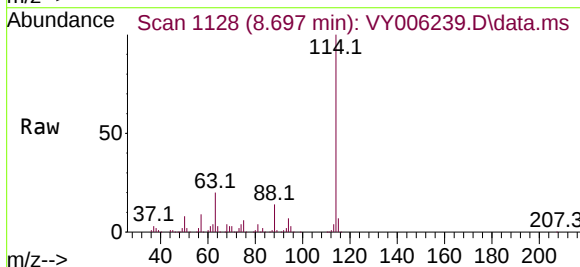
Instrument :
MSVOA_Y
ClientSampleId :

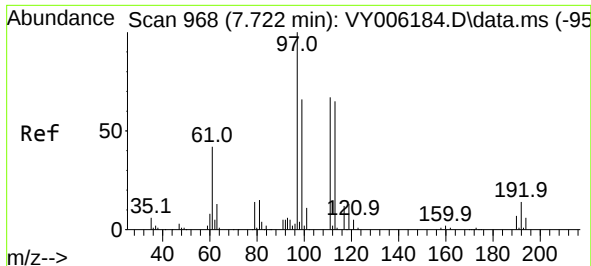
Tgt Ion: 65 Resp: 82583
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006239.D
Acq: 30 Sep 2021 14:56

Tgt Ion:114 Resp: 199959
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 14.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.287 ug/l

RT: 7.722 min Scan# 968

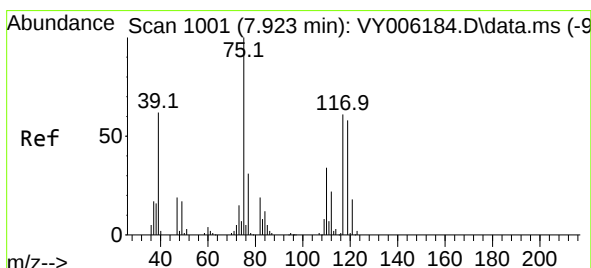
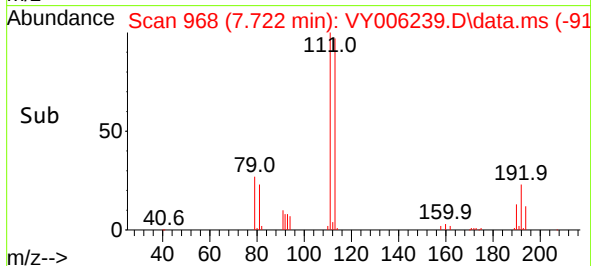
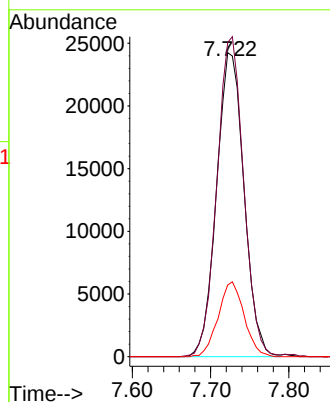
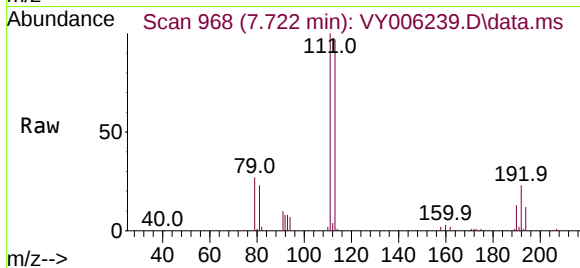
Delta R.T. 0.000 min

Lab File: VY006239.D

Acq: 30 Sep 2021 14:56

Tgt Ion:	113	Resp:	59063
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	23.3	17.6	26.4

Instrument :
MSVOA_Y
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.553 ug/l

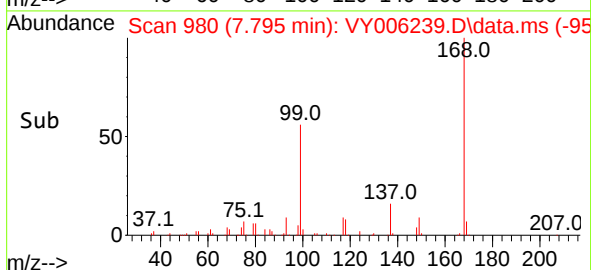
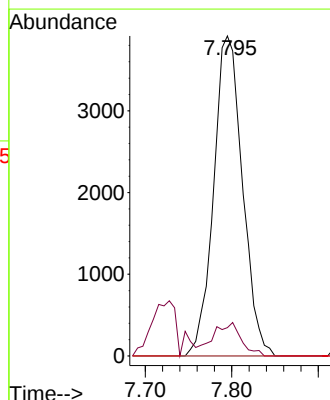
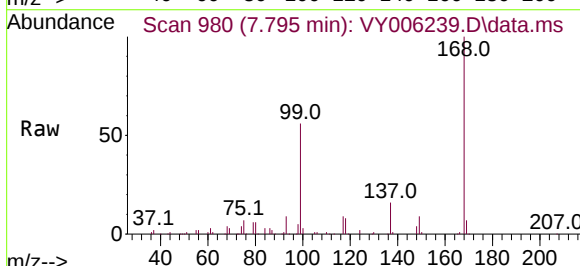
RT: 7.795 min Scan# 980

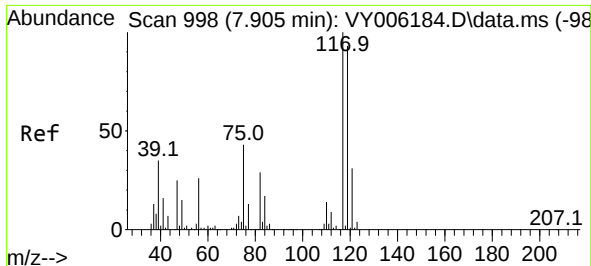
Delta R.T. -0.128 min

Lab File: VY006239.D

Acq: 30 Sep 2021 14:56

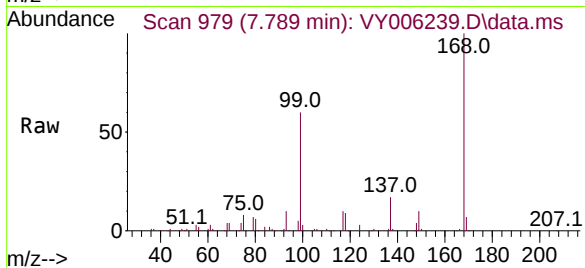
Tgt Ion:	75	Resp:	9059
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.1	51.2#
77	0.0	24.4	36.6#



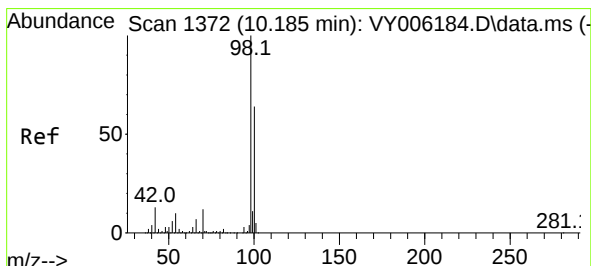
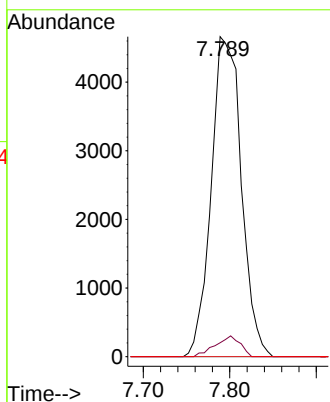
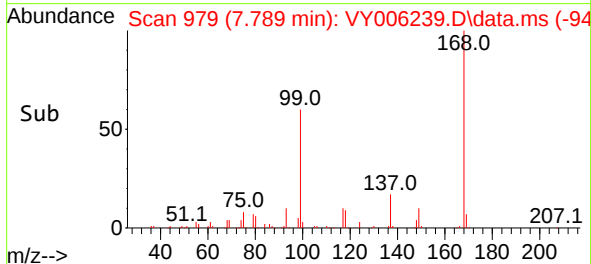


#38
Carbon Tetrachloride
Concen: 5.350 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY006239.D
Acq: 30 Sep 2021 14:56

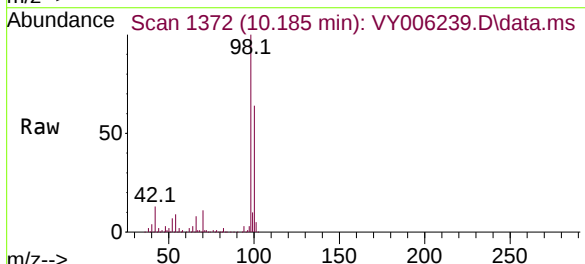
Instrument :
MSVOA_Y
ClientSampleId :



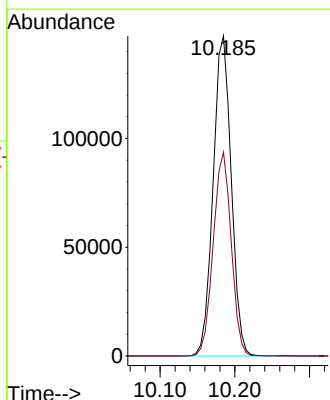
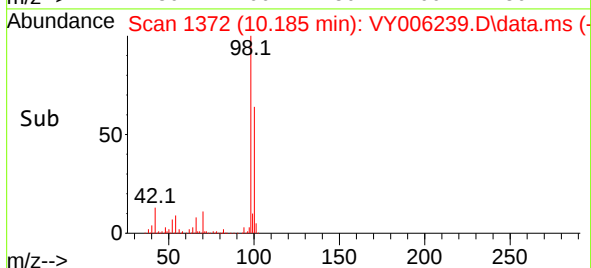
Tgt Ion: 117 Resp: 11239
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#

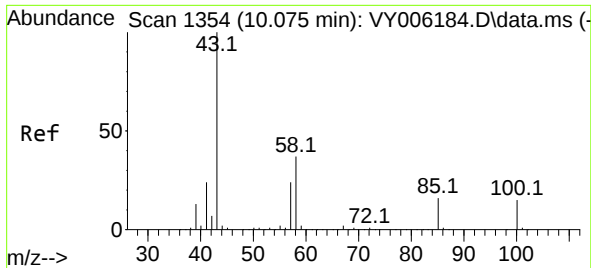


#50
Toluene-d8
Concen: 55.540 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006239.D
Acq: 30 Sep 2021 14:56



Tgt Ion: 98 Resp: 248320
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2

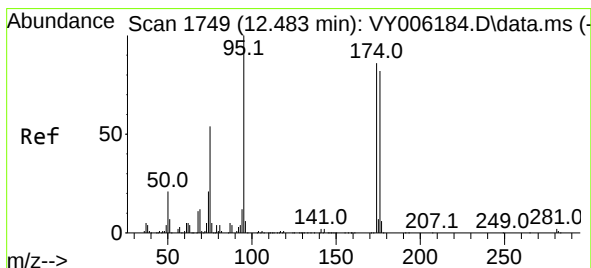
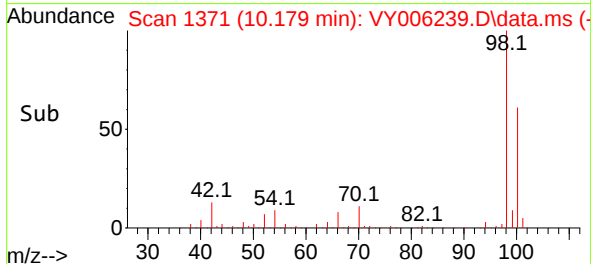
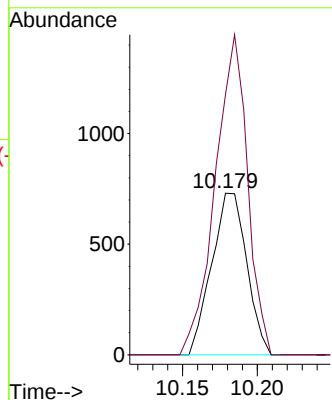
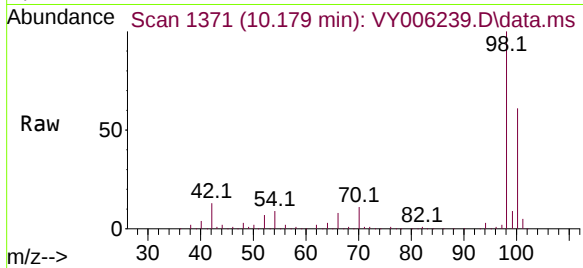




#51
4-Methyl-2-Pentanone
Concen: 1.031 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006239.D
Acq: 30 Sep 2021 14:56

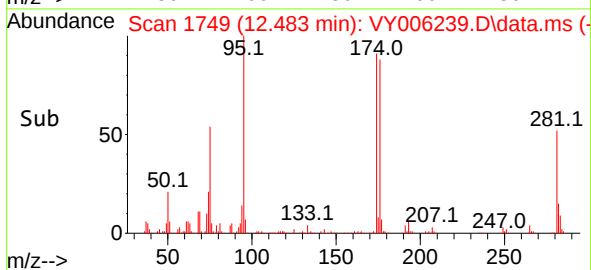
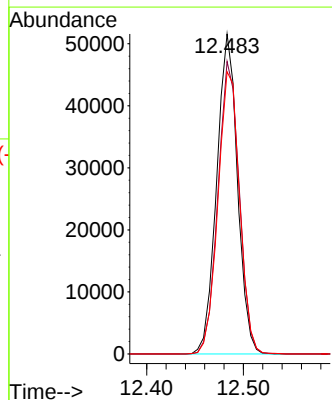
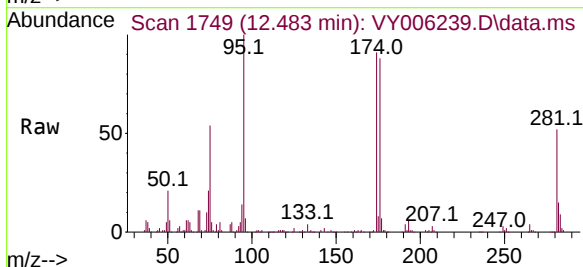
Instrument :
MSVOA_Y
ClientSampled :

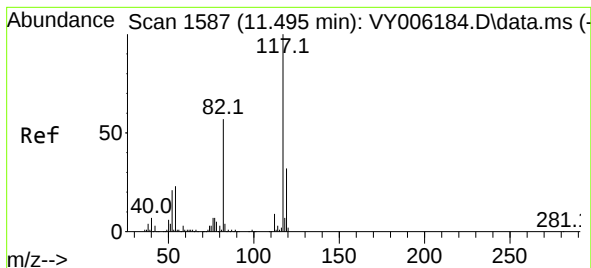
Tgt Ion: 43 Resp: 1190
Ion Ratio Lower Upper
43 100
58 182.4 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 50.640 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006239.D
Acq: 30 Sep 2021 14:56

Tgt Ion: 95 Resp: 76916
Ion Ratio Lower Upper
95 100
174 93.6 0.0 177.0
176 91.7 0.0 175.8

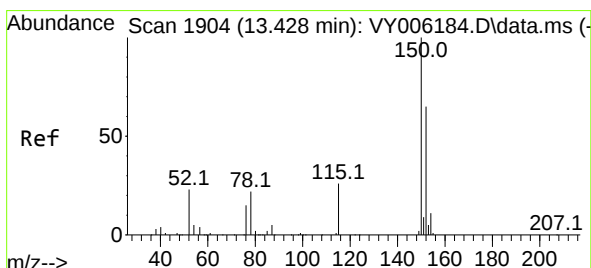
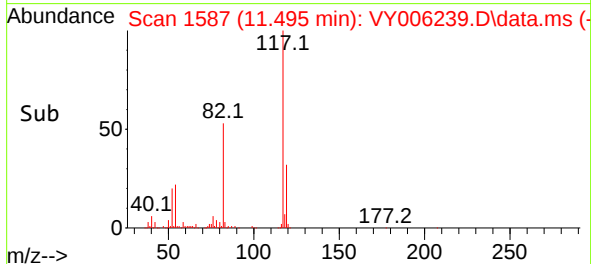
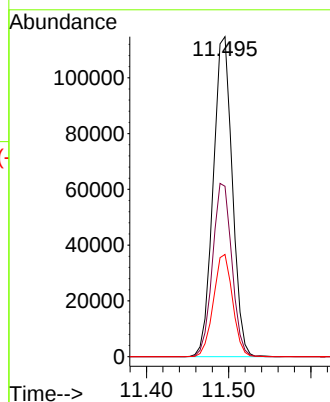
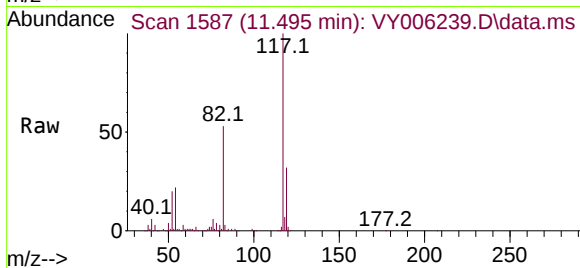




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006239.D
Acq: 30 Sep 2021 14:56

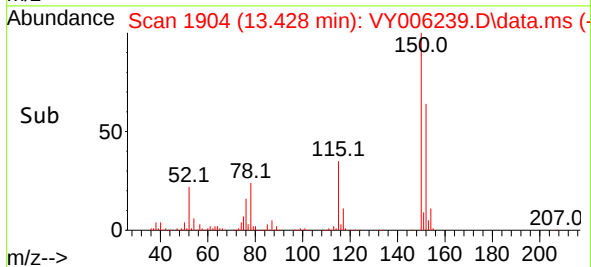
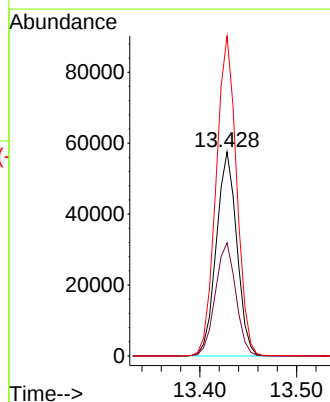
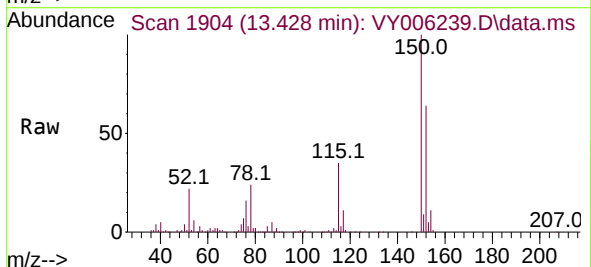
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.0	64.4
119	32.0	25.4	38.0

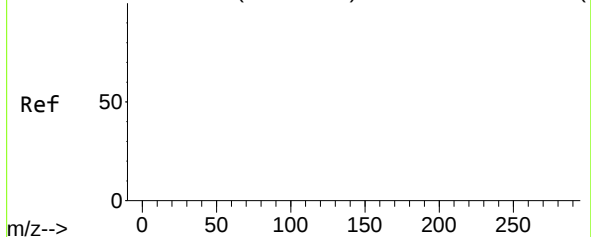


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006239.D
Acq: 30 Sep 2021 14:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.2	84.7
150	157.2	0.0	347.6



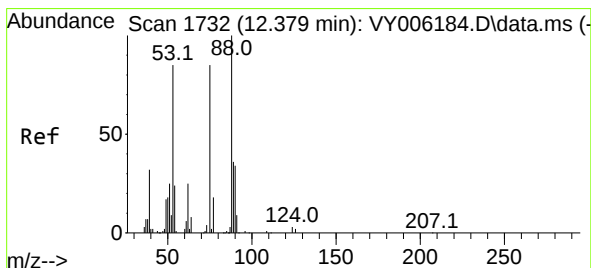
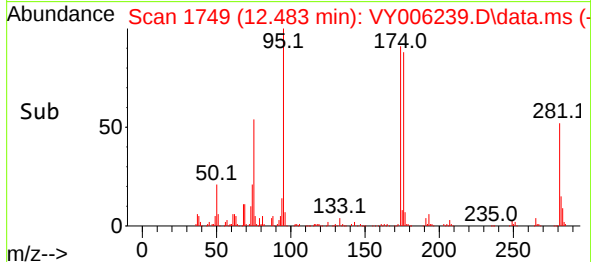
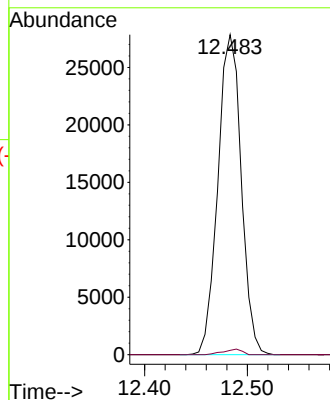
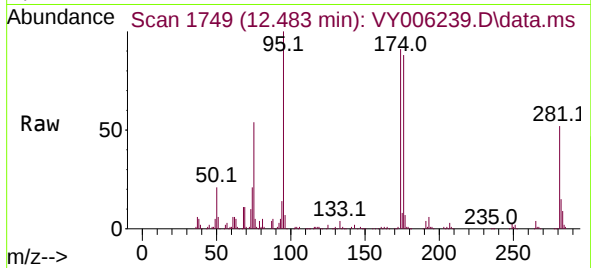
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



#76
1,2,3-Trichloropropane
Concen: 53.450 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006239.D
Acq: 30 Sep 2021 14:56

Tgt Ion: 75 Resp: 43923
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

Instrument :
MSVOA_Y
ClientSampled :



#81
trans-1,4-Dichloro-2-butene
Concen: 105.036 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006239.D
Acq: 30 Sep 2021 14:56

Tgt Ion: 75 Resp: 43923
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.5 37.0 55.4#

