

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006231.D
 Acq On : 30 Sep 2021 11:33
 Operator : SY/MD
 Sample : VY0930SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 16:54:48 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	7.795	168	126677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	206884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	192600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88319	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81689	60.251	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.500%	
35) Dibromofluoromethane	7.722	113	61528	55.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.340%	
50) Toluene-d8	10.185	98	258154	55.806	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.620%	
62) 4-Bromofluorobenzene	12.483	95	79913	50.852	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.700%	

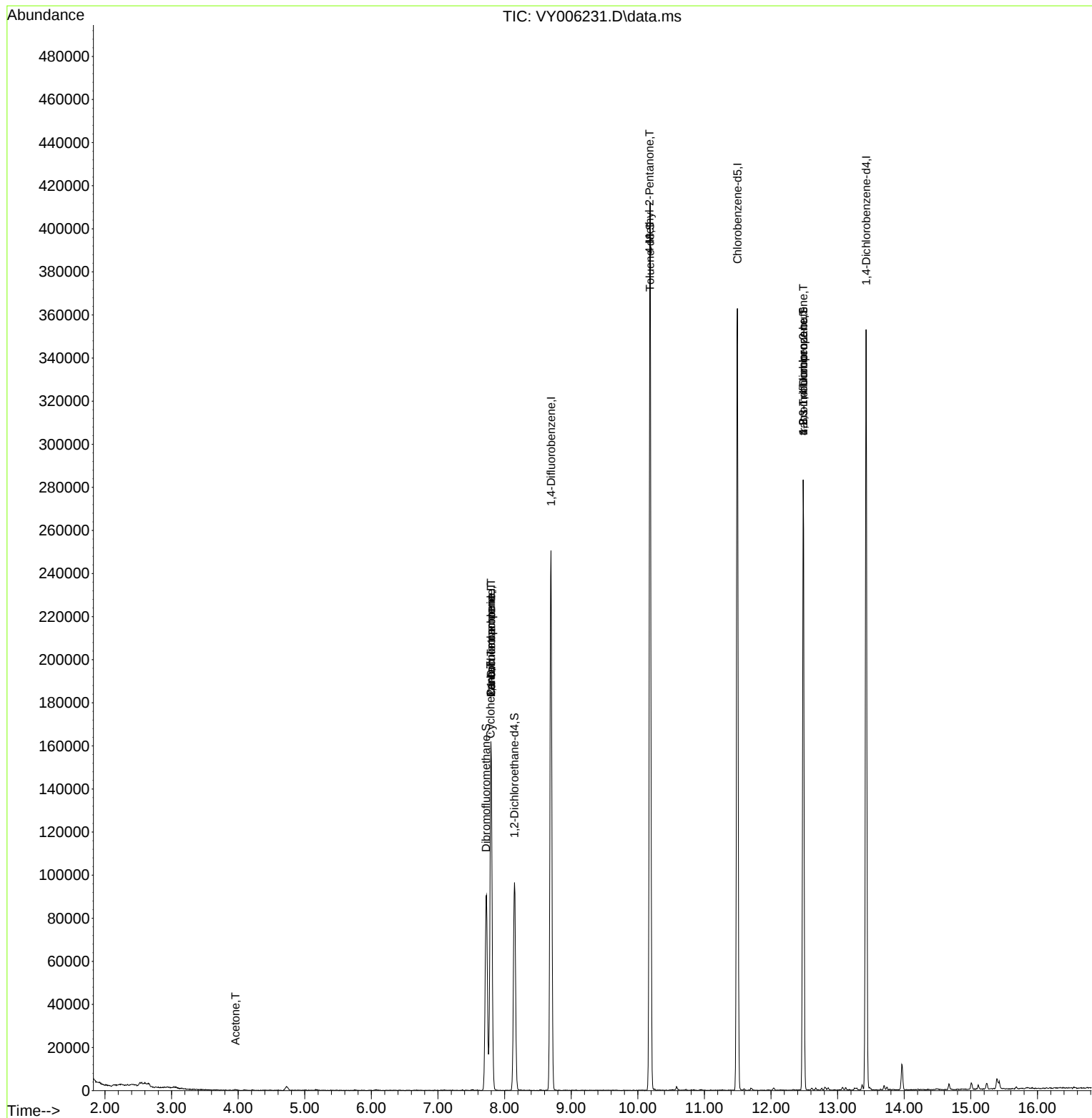
Target Compounds			Qvalue			
16) Acetone	3.960	43	537	1.418	ug/l #	47
20) Methylene Chloride	4.734	84	1249	Below Cal	#	78
31) Cyclohexane	7.789	56	2846	1.108	ug/l #	32
36) 1,1-Dichloropropene	7.795	75	9967	4.842	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12302	5.660	ug/l #	14
51) 4-Methyl-2-Pentanone	10.179	43	1279	1.071	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	44857	52.256	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44857	102.690	ug/l #	7

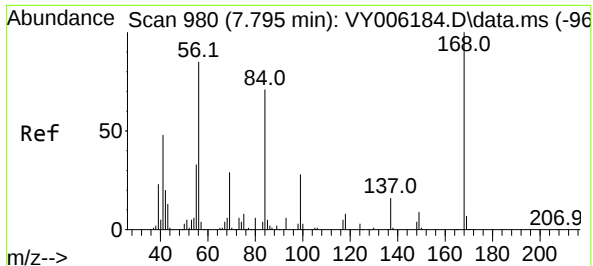
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
Data File : VY006231.D
Acq On : 30 Sep 2021 11:33
Operator : SY/MD
Sample : VY0930SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 30 16:54:48 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

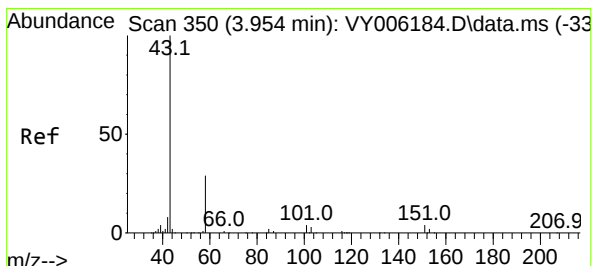
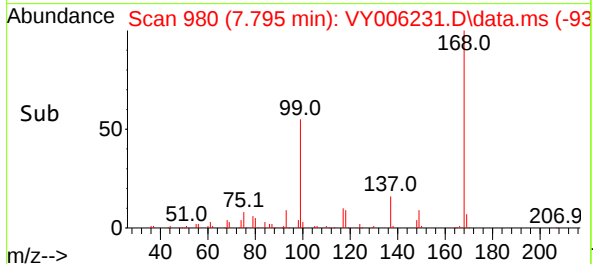
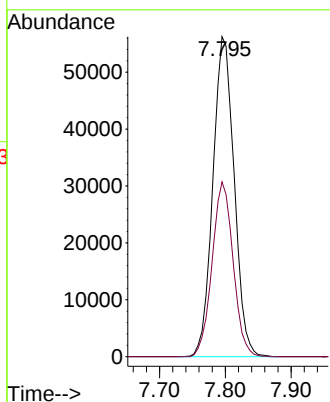
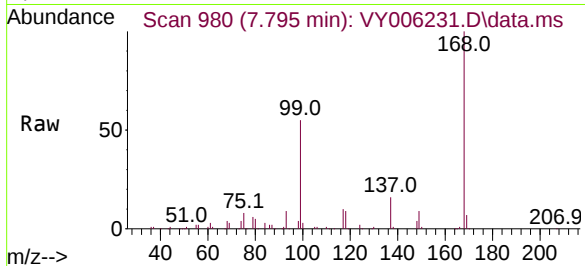




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006231.D
Acq: 30 Sep 2021 11:33

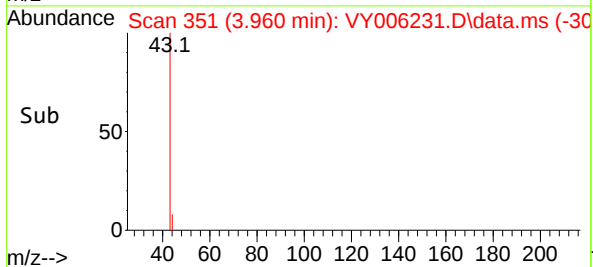
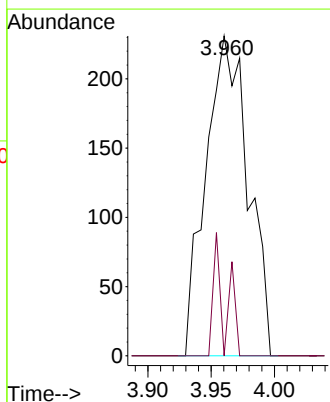
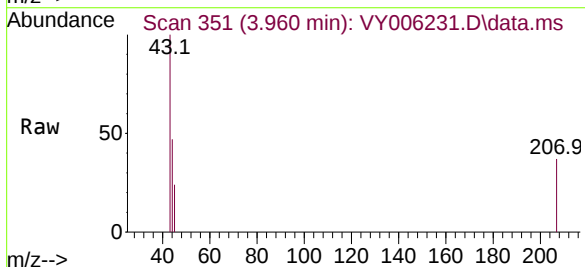
Instrument :
MSVOA_Y
ClientSampled :

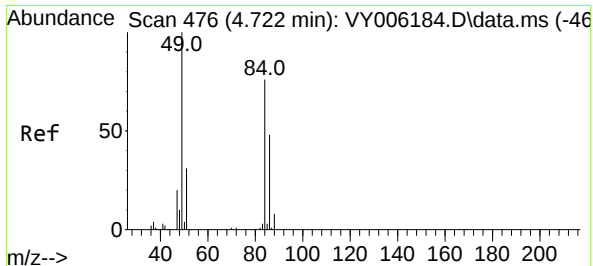
Tgt Ion:168 Resp: 126677
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#16
Acetone
Concen: 1.418 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006231.D
Acq: 30 Sep 2021 11:33

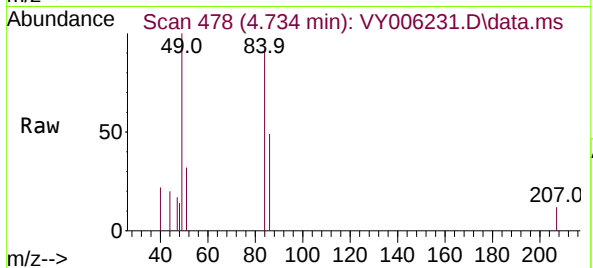
Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



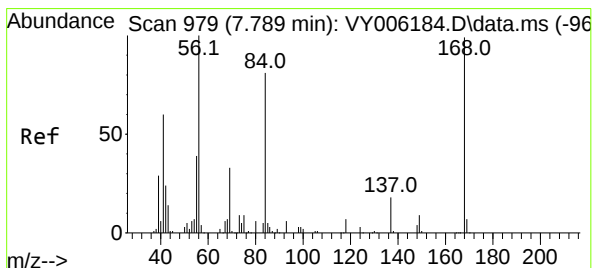
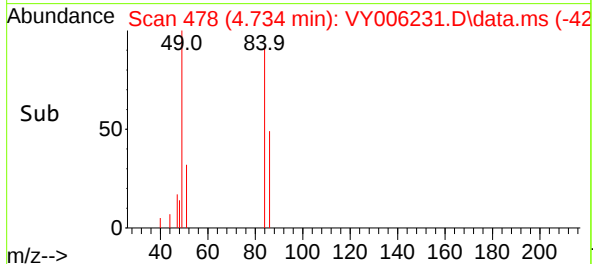
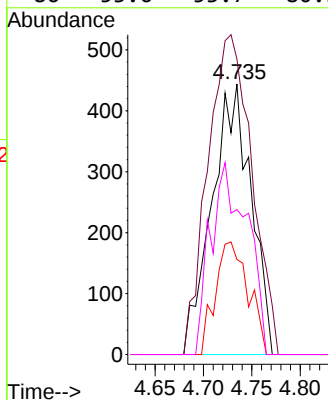


#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY006231.D
Acq: 30 Sep 2021 11:33

Instrument :
MSVOA_Y
ClientSampleId :

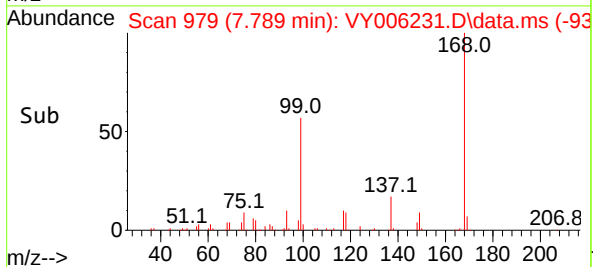
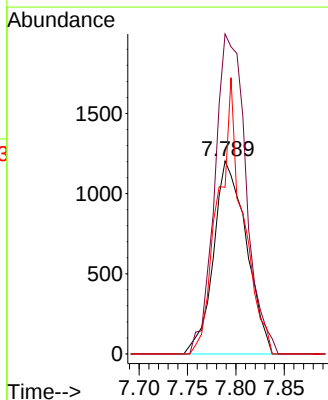
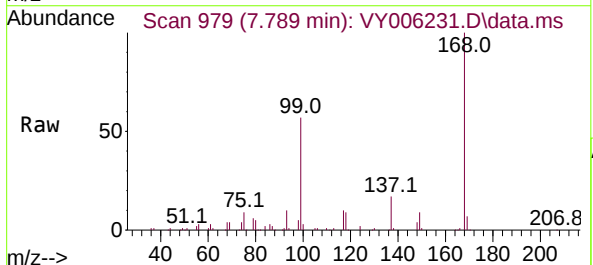


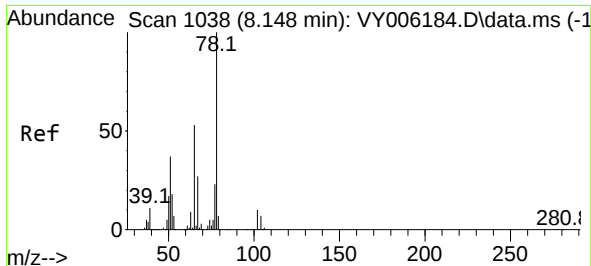
Tgt Ion:	84	Resp:	1249
Ion	Ratio	Lower	Upper
84	100		
49	109.2	114.4	171.6#
51	35.1	35.3	52.9#
86	53.6	53.7	80.5#



#31
Cyclohexane
Concen: 1.108 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006231.D
Acq: 30 Sep 2021 11:33

Tgt Ion:	56	Resp:	2846
Ion	Ratio	Lower	Upper
56	100		
69	165.8	26.7	40.1#
84	86.4	67.2	100.8

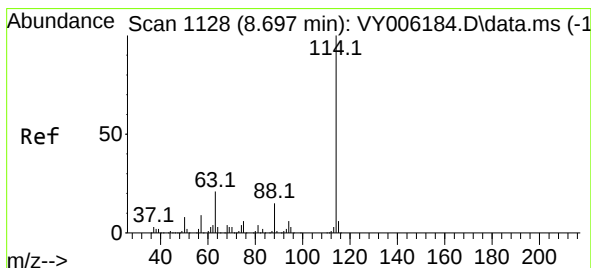
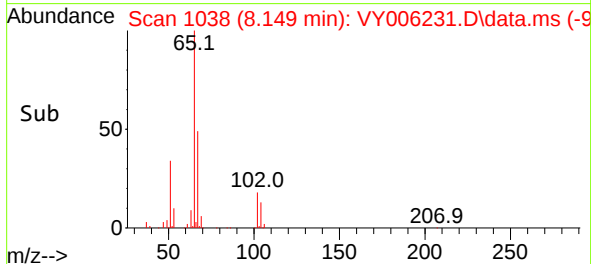
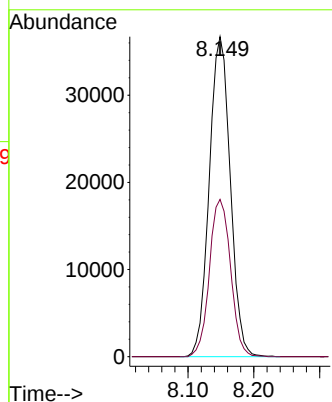
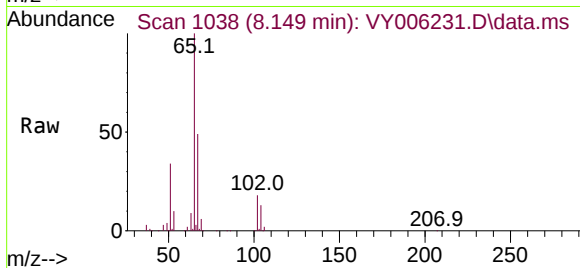




#33
1,2-Dichloroethane-d4
Concen: 60.251 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006231.D
Acq: 30 Sep 2021 11:33

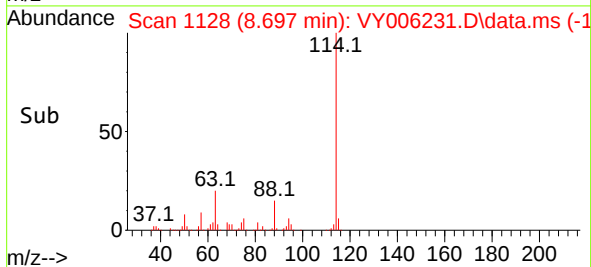
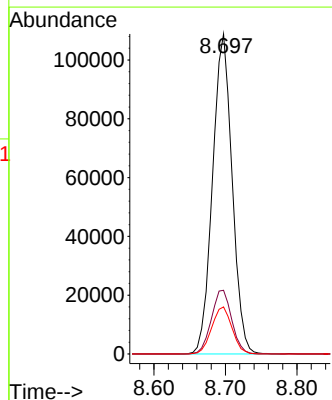
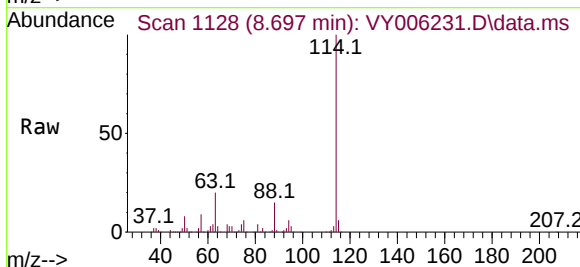
Instrument :
MSVOA_Y
ClientSampleId :

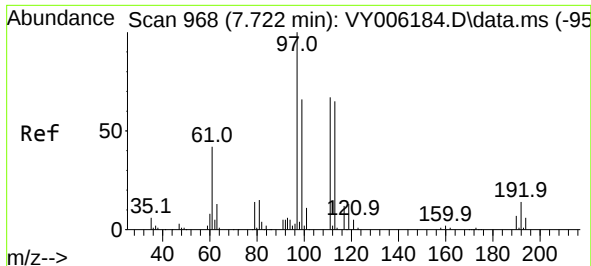
Tgt Ion: 65 Resp: 81689
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006231.D
Acq: 30 Sep 2021 11:33

Tgt Ion: 114 Resp: 206884
Ion Ratio Lower Upper
114 100
63 19.9 0.0 43.2
88 14.7 0.0 31.8

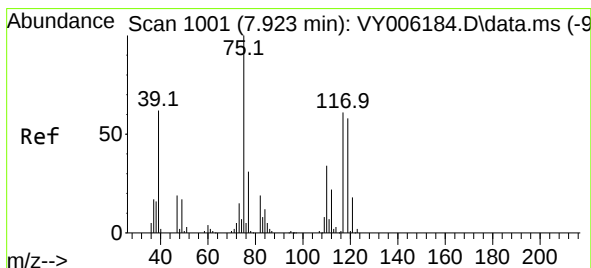
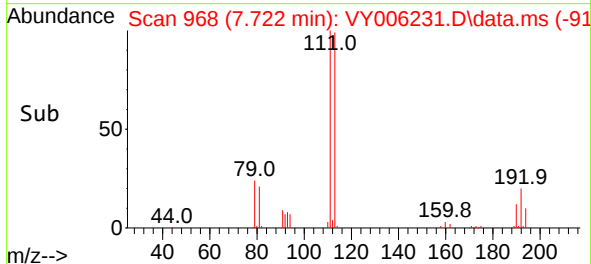
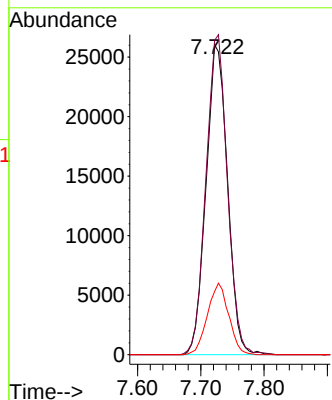
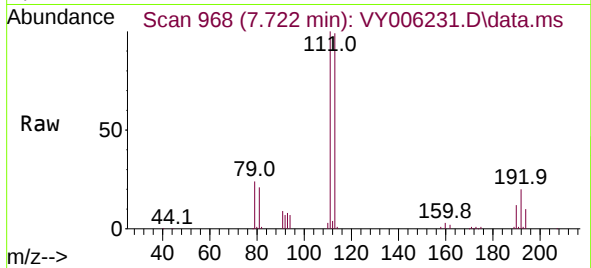




#35
Dibromofluoromethane
Concen: 55.666 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006231.D
Acq: 30 Sep 2021 11:33

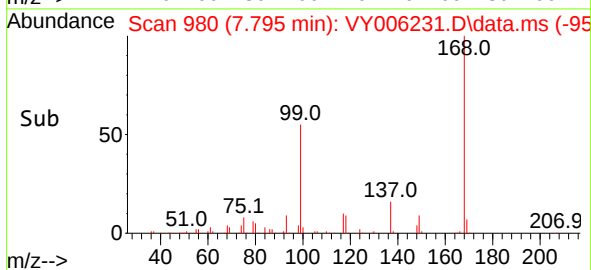
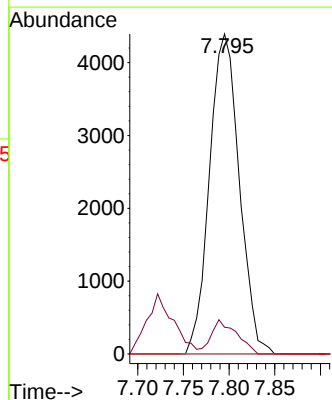
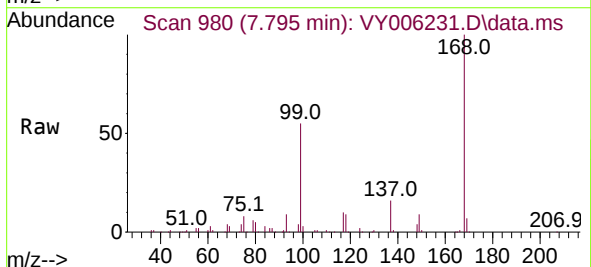
Instrument :
MSVOA_Y
ClientSampleId :

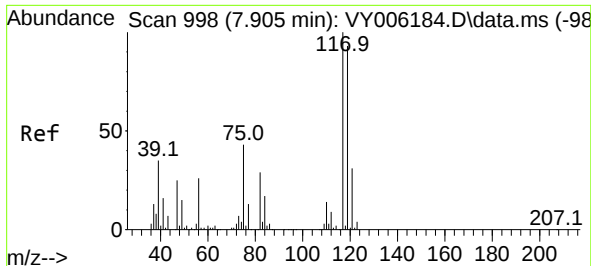
Tgt Ion:113 Resp: 61528
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 22.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.842 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006231.D
Acq: 30 Sep 2021 11:33

Tgt Ion: 75 Resp: 9967
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.660 ug/l

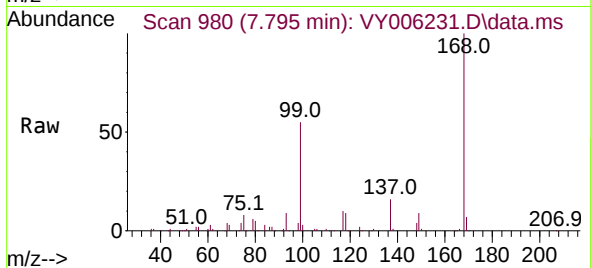
RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

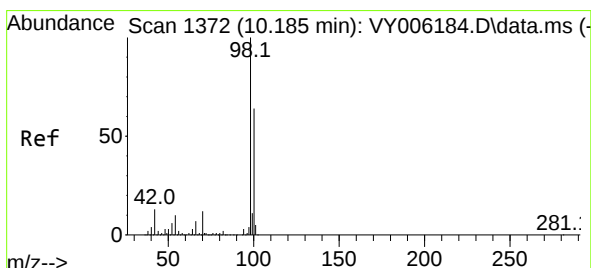
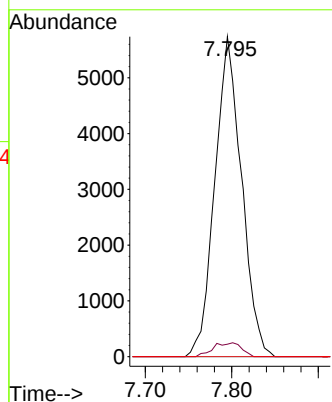
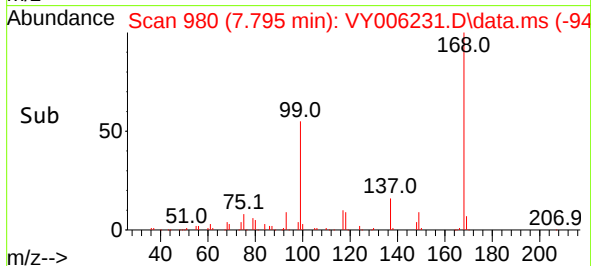
Lab File: VY006231.D

Acq: 30 Sep 2021 11:33

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	117	Resp:	12302
Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.9	116.9#
121	0.0	24.8	37.2#



#50

Toluene-d8

Concen: 55.806 ug/l

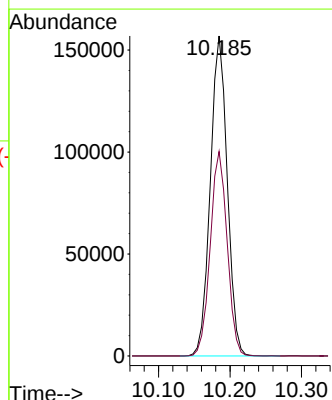
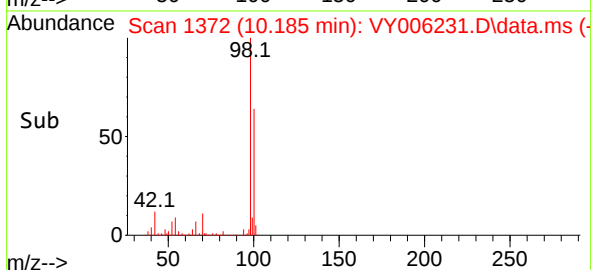
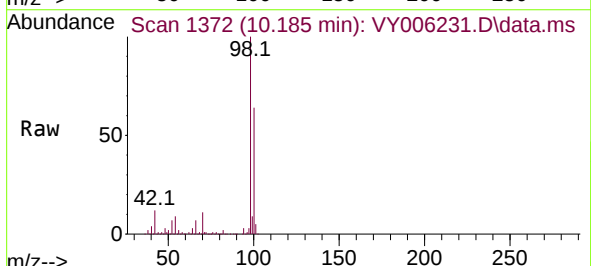
RT: 10.185 min Scan# 1372

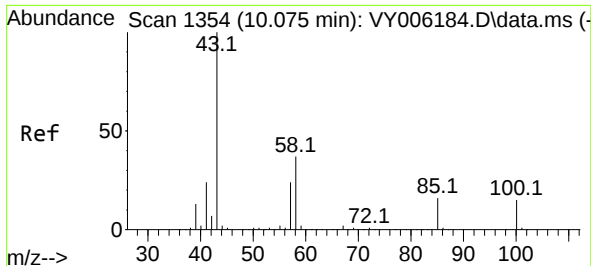
Delta R.T. 0.000 min

Lab File: VY006231.D

Acq: 30 Sep 2021 11:33

Tgt Ion:	98	Resp:	258154
Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.2	75.2

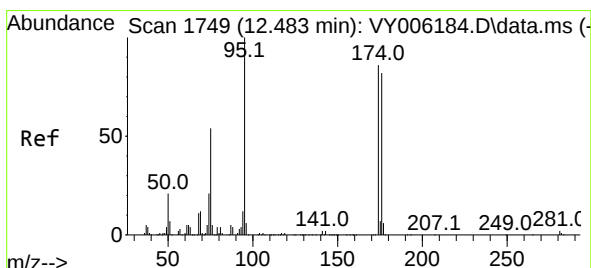
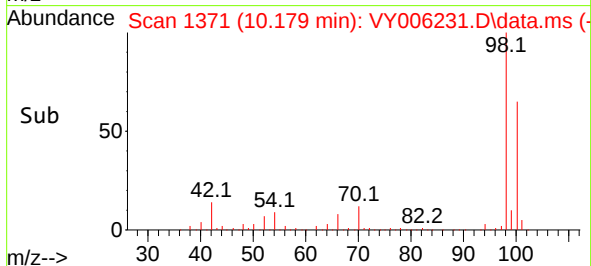
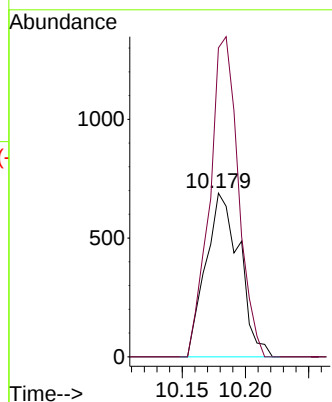
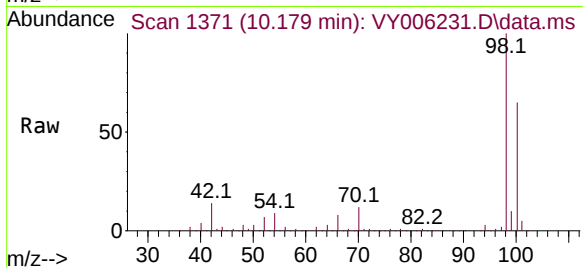




#51
4-Methyl-2-Pentanone
Concen: 1.071 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006231.D
Acq: 30 Sep 2021 11:33

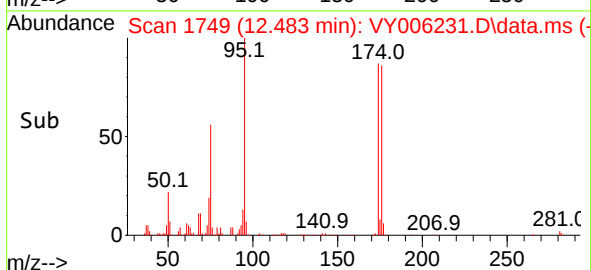
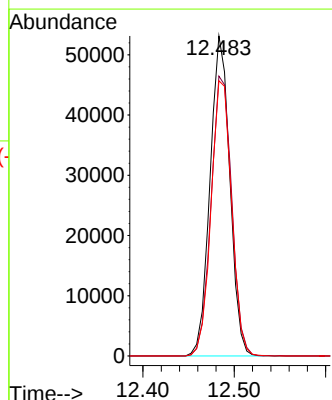
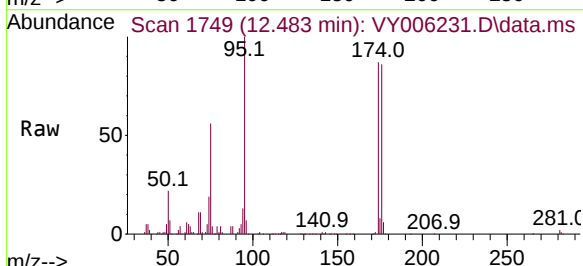
Instrument :
MSVOA_Y
ClientSampled :

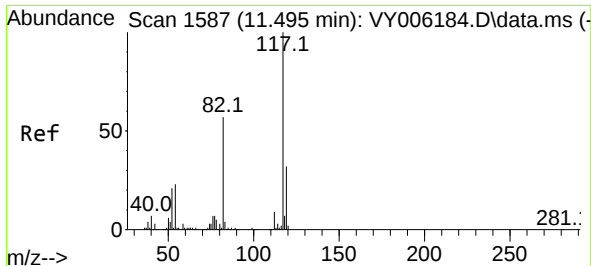
Tgt Ion: 43 Resp: 1279
Ion Ratio Lower Upper
43 100
58 166.4 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 50.852 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006231.D
Acq: 30 Sep 2021 11:33

Tgt Ion: 95 Resp: 79913
Ion Ratio Lower Upper
95 100
174 91.3 0.0 177.0
176 89.3 0.0 175.8

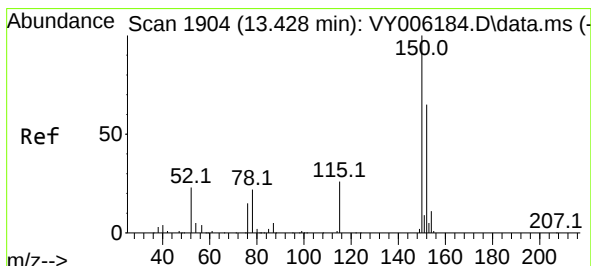
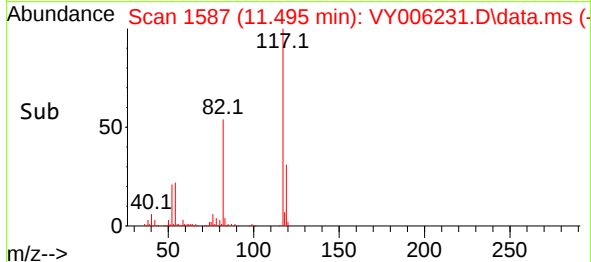
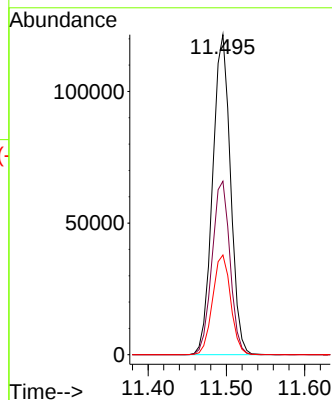
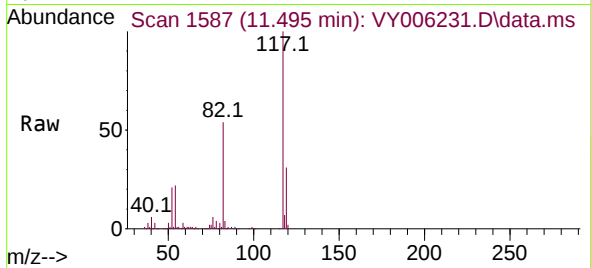




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006231.D
Acq: 30 Sep 2021 11:33

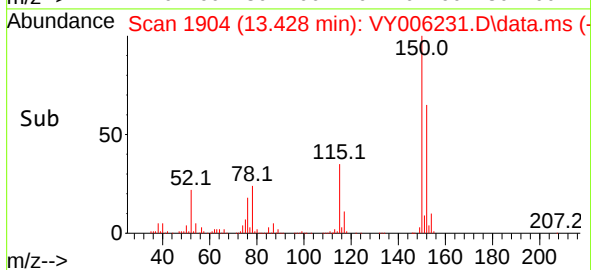
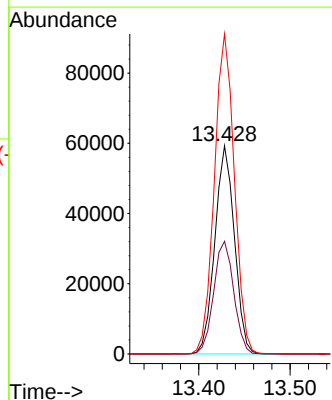
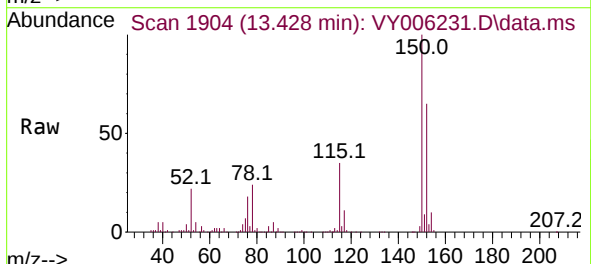
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 192600
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.2 25.4 38.0

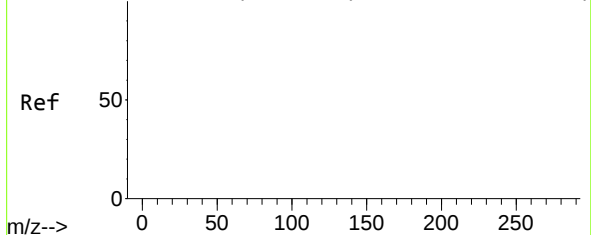


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006231.D
Acq: 30 Sep 2021 11:33

Tgt Ion:152 Resp: 88319
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 157.2 0.0 347.6



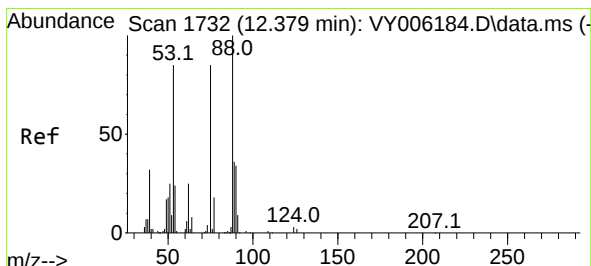
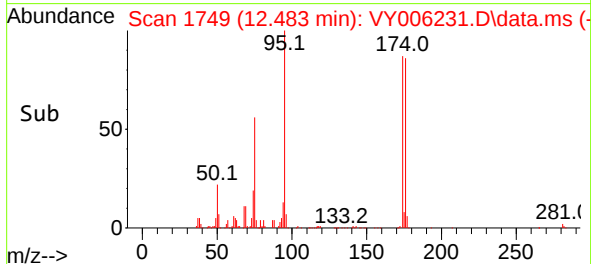
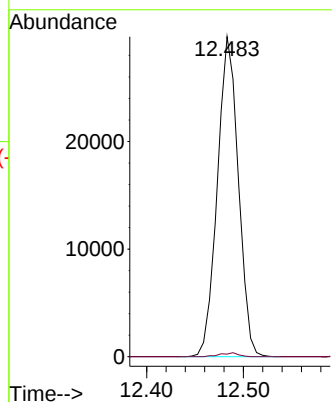
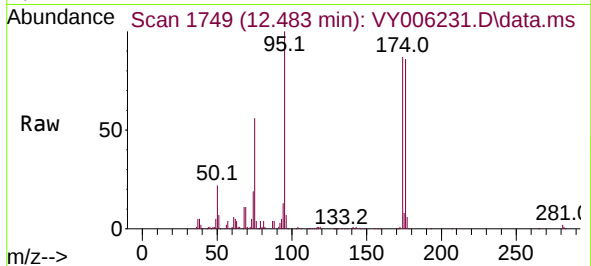
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



#76
1,2,3-Trichloropropane
Concen: 52.256 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006231.D
Acq: 30 Sep 2021 11:33

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 44857
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.690 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006231.D
Acq: 30 Sep 2021 11:33

Tgt Ion: 75 Resp: 44857
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

