

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006411.D
 Acq On : 15 Oct 2021 17:01
 Operator : SY/MD
 Sample : M4249-07
 Misc : 5.13G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 04:46:08 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)

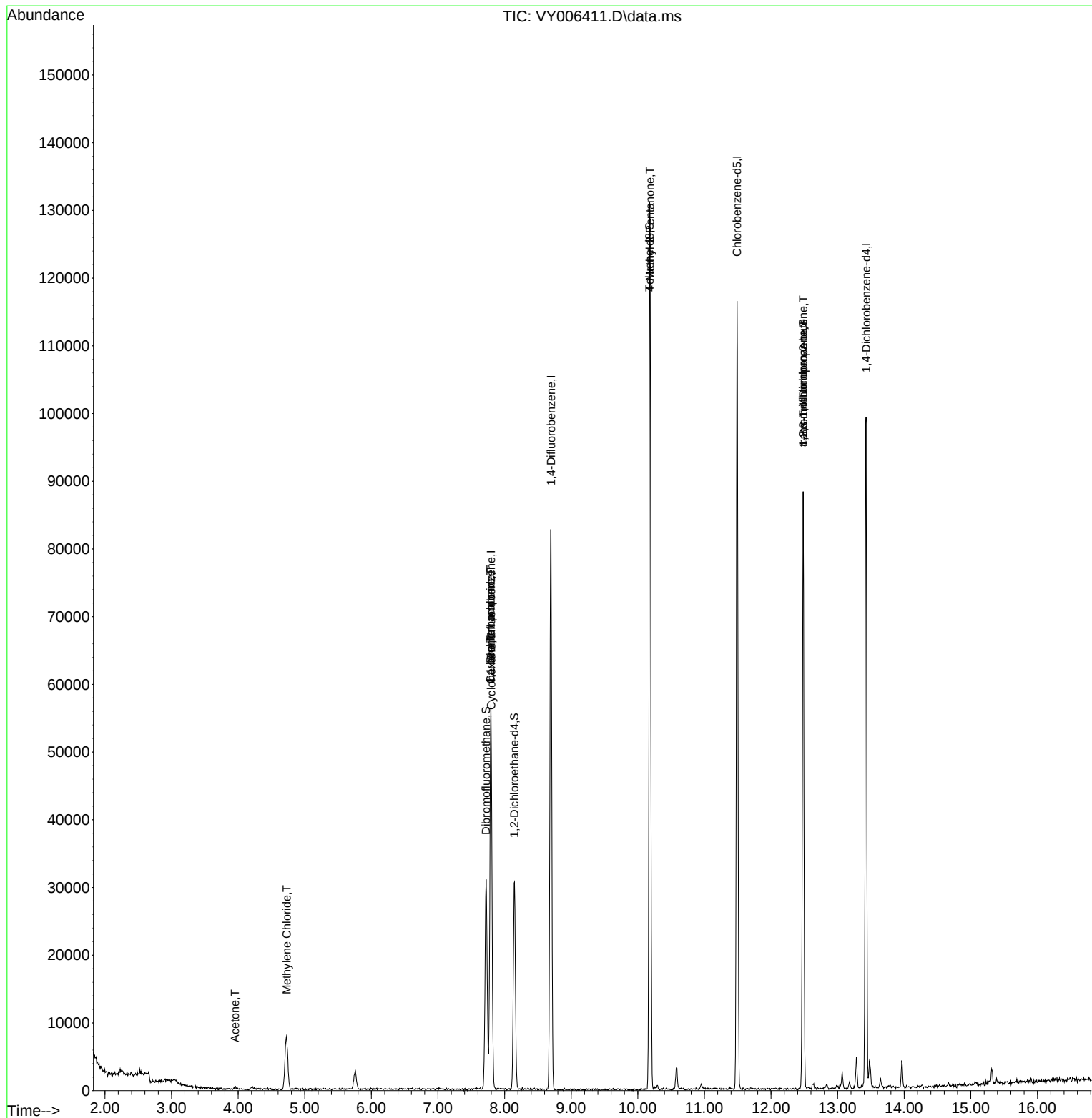
Internal Standards						
1) Pentafluorobenzene	7.795	168	44216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	67904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	60884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	25290	53.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.880%	
35) Dibromofluoromethane	7.722	113	20104	55.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.840%	
50) Toluene-d8	10.179	98	85082	56.037	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.080%	
62) 4-Bromofluorobenzene	12.483	95	23268	45.111	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.220%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	426	3.223	ug/l #	64
20) Methylene Chloride	4.729	84	5485	8.966	ug/l	87
31) Cyclohexane	7.801	56	1063	1.186	ug/l #	62
36) 1,1-Dichloropropene	7.789	75	3283	4.859	ug/l #	51
38) Carbon Tetrachloride	7.789	117	4217	5.911	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	474	1.209	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	13222	52.984	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	13222	104.121	ug/l #	7

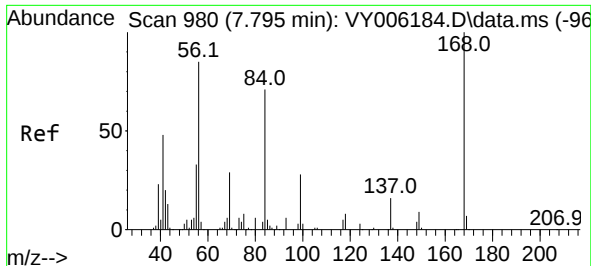
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
Data File : VY006411.D
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

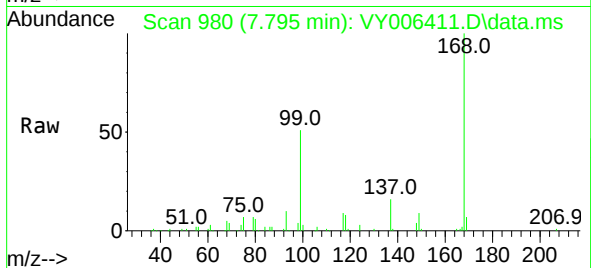
Quant Time: Oct 18 04:46:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration



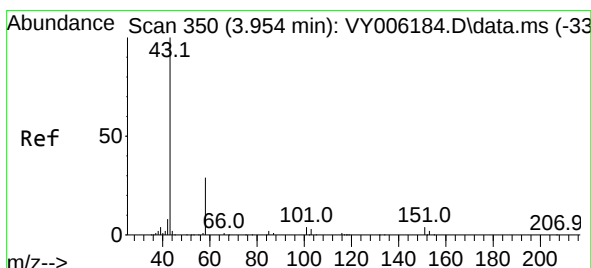
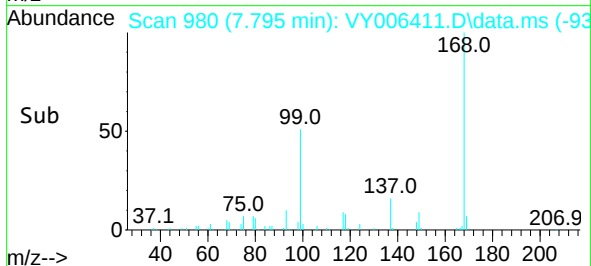
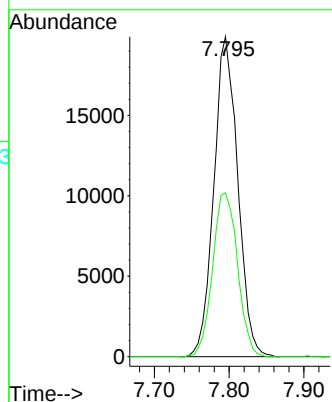


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

Instrument :
MSVOA_Y
ClientSampleId :

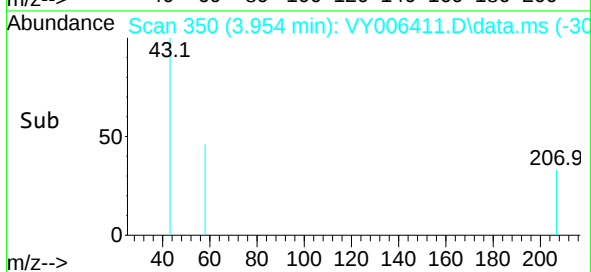
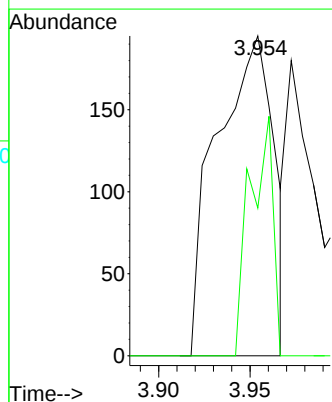
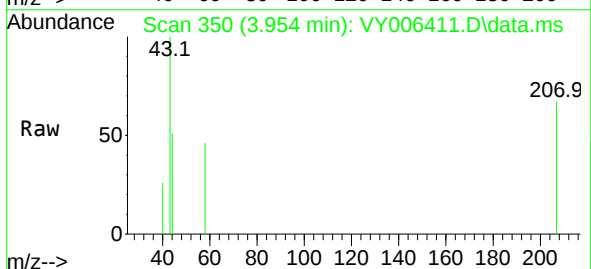


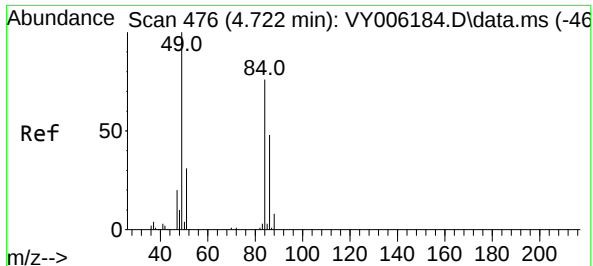
Tgt Ion:168 Resp: 44216
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#16
Acetone
Concen: 3.223 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

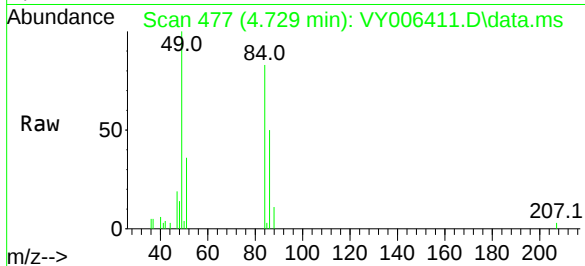
Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
58 46.2 22.0 33.0#



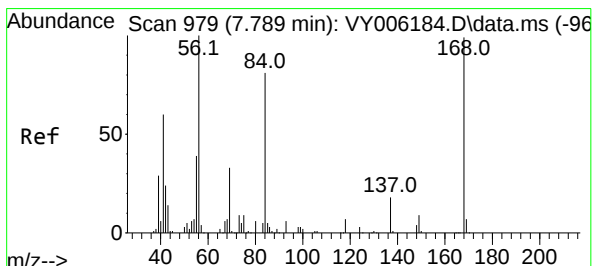
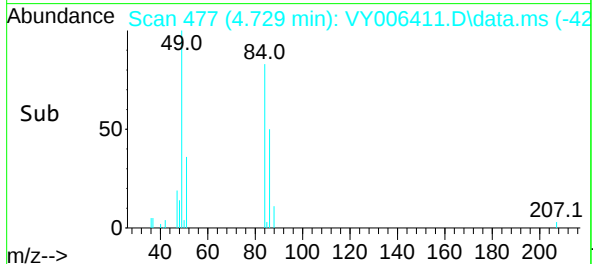
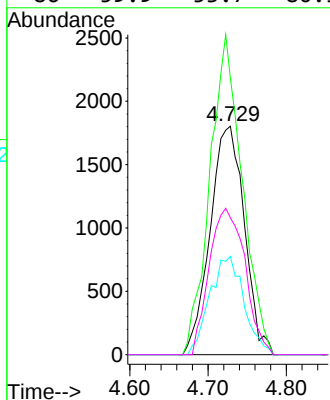


#20
Methylene Chloride
Concen: 8.966 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

Instrument :
MSVOA_Y
ClientSampled :

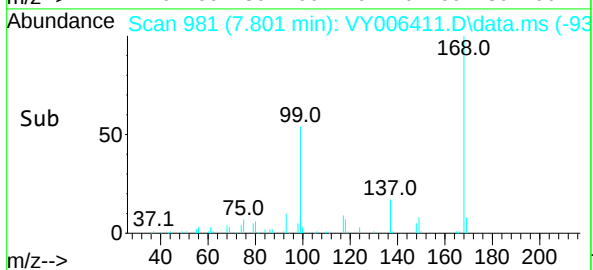
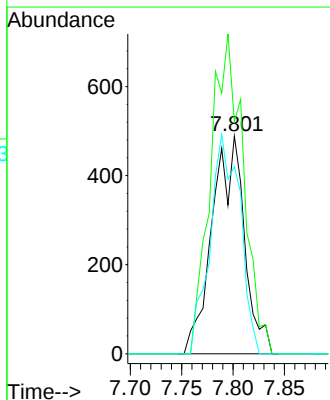
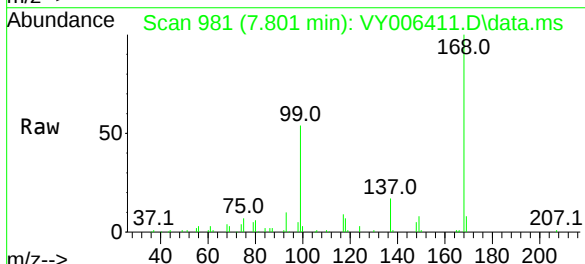


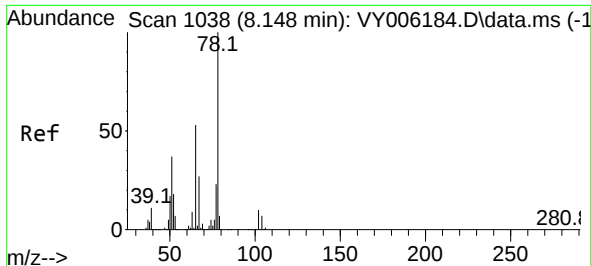
Tgt Ion:	84	Resp:	5485
Ion	Ratio	Lower	Upper
84	100		
49	121.0	114.4	171.6
51	43.1	35.3	52.9
86	59.9	53.7	80.5



#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

Tgt Ion:	56	Resp:	1063
Ion	Ratio	Lower	Upper
56	100		
69	106.5	26.7	40.1#
84	85.9	67.2	100.8

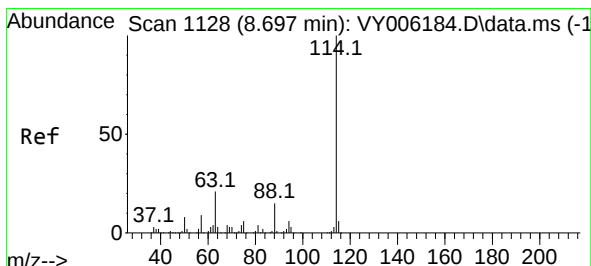
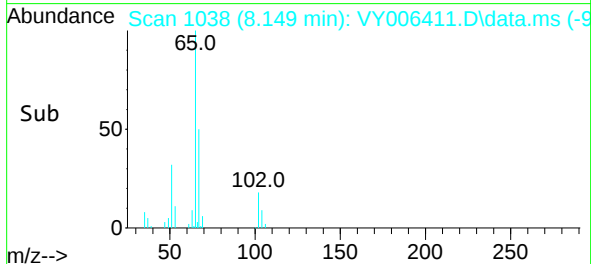
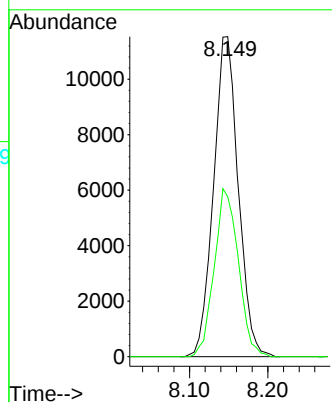
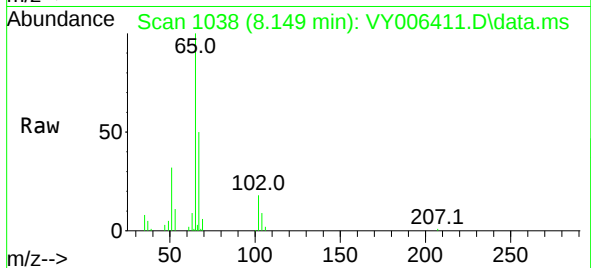




#33
1,2-Dichloroethane-d4
Concen: 53.440 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

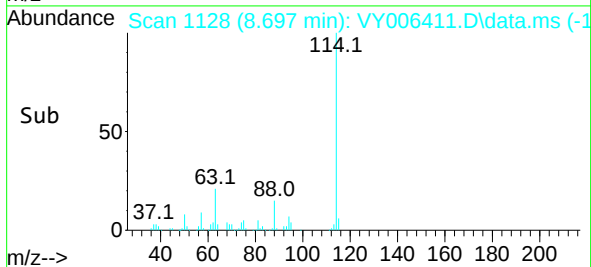
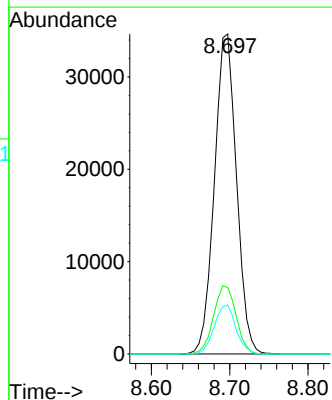
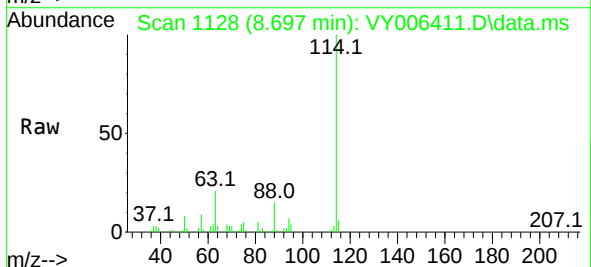
Instrument :
MSVOA_Y
ClientSampleId :

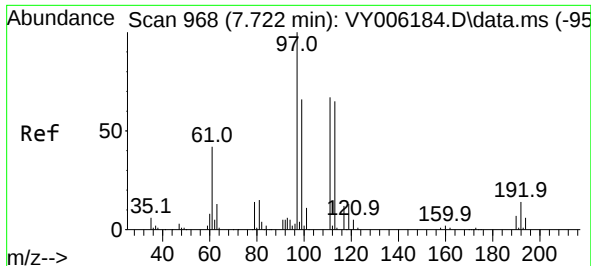
Tgt Ion: 65 Resp: 25290
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

Tgt Ion: 114 Resp: 67904
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 15.2 0.0 31.8

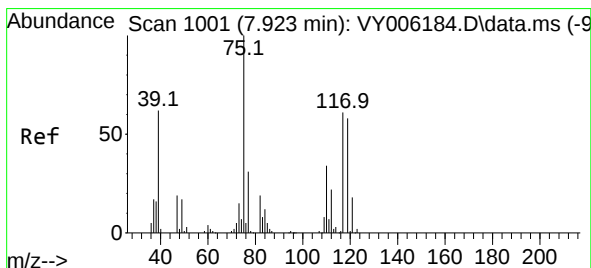
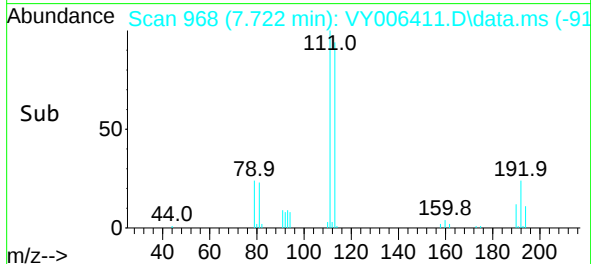
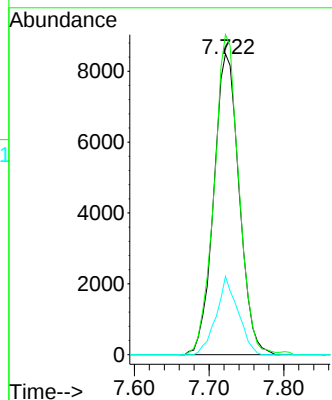
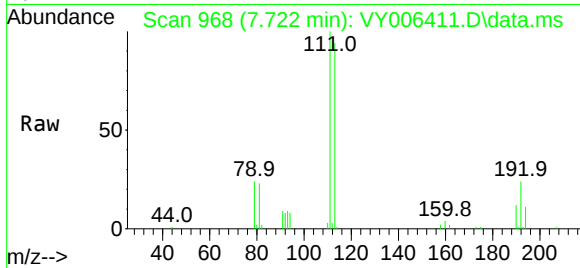




#35
Dibromofluoromethane
Concen: 55.416 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

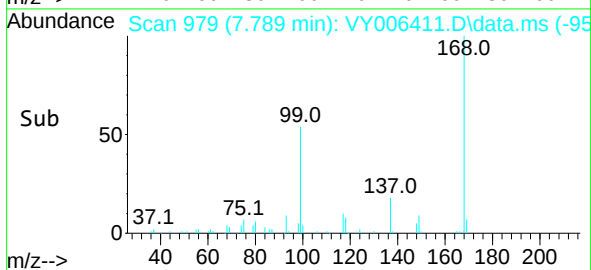
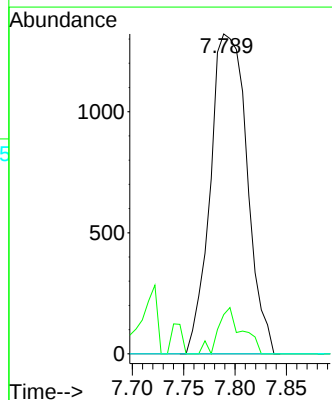
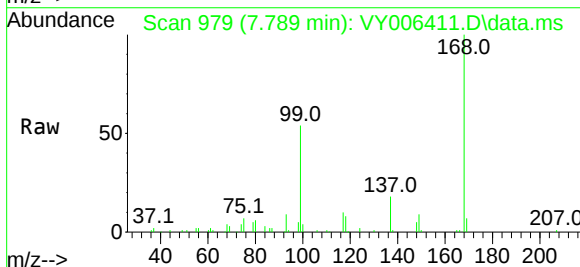
Instrument :
MSVOA_Y
ClientSampleId :

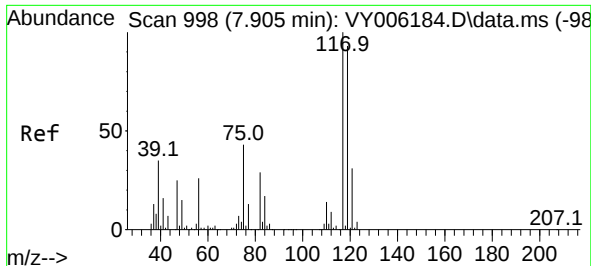
Tgt Ion:	113	Resp:	20104
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	124.0
192	22.3	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.859 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

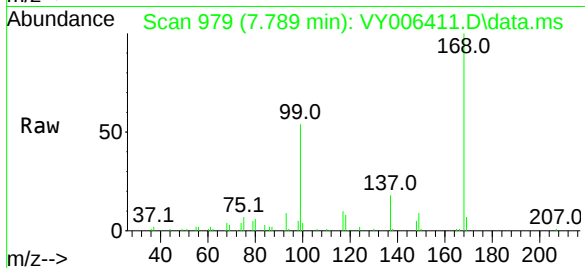
Tgt Ion:	75	Resp:	3283
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.1	51.2#
77	0.0	24.4	36.6#



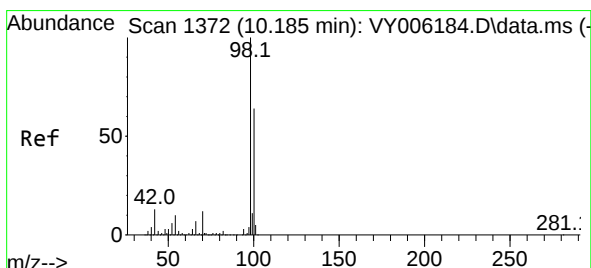
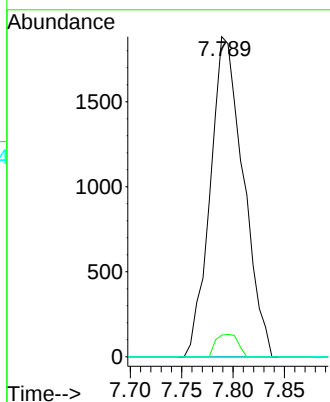
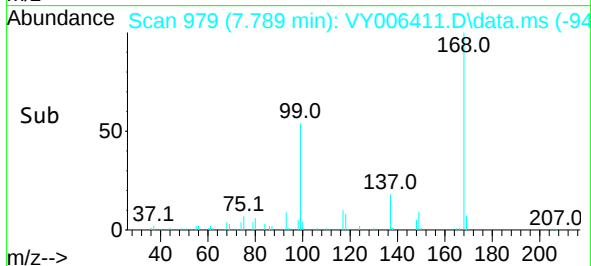


#38
Carbon Tetrachloride
Concen: 5.911 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

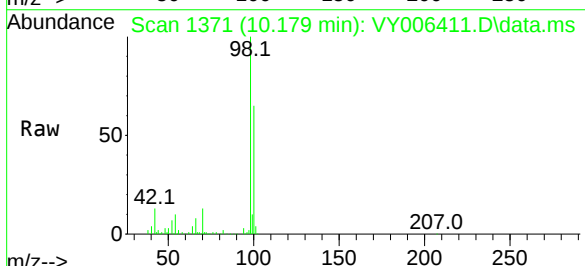
Instrument :
MSVOA_Y
ClientSampleId :



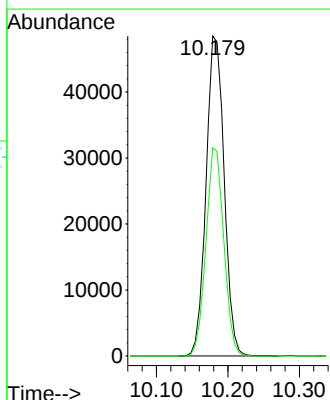
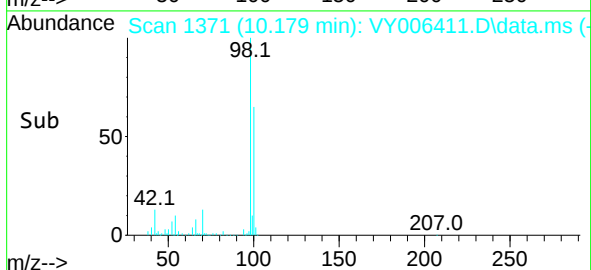
Tgt Ion: 117 Resp: 4217
Ion Ratio Lower Upper
117 100
119 6.8 77.9 116.9#
121 0.0 24.8 37.2#

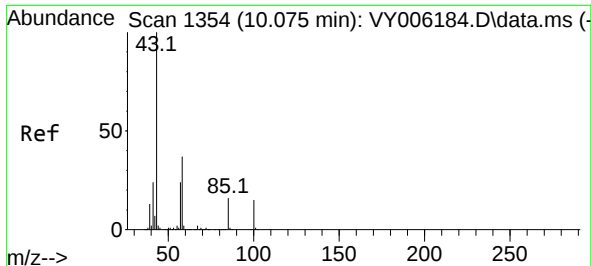


#50
Toluene-d8
Concen: 56.037 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01



Tgt Ion: 98 Resp: 85082
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

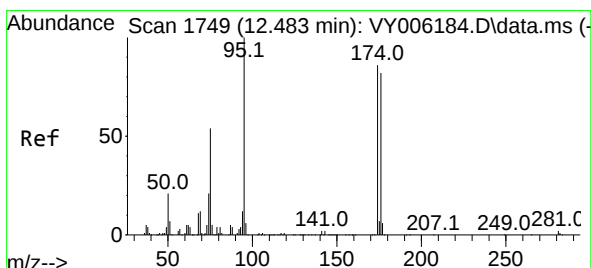
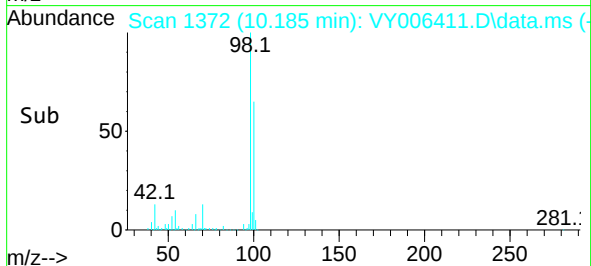
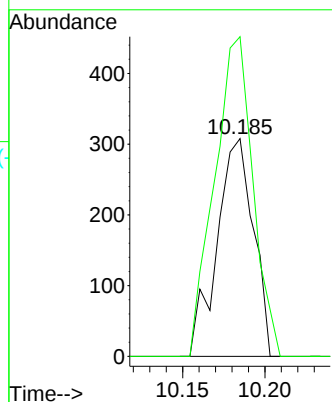
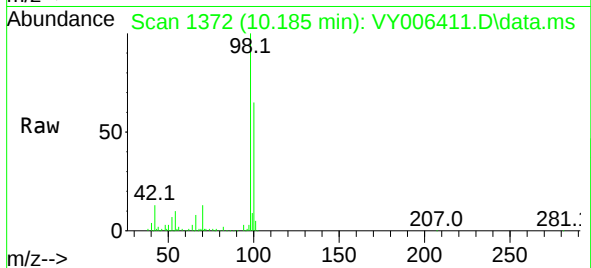




#51
4-Methyl-2-Pentanone
Concen: 1.209 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

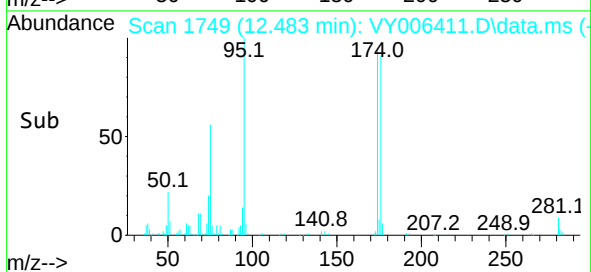
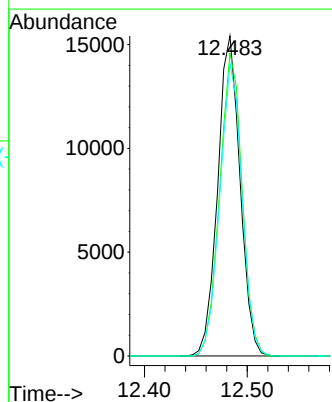
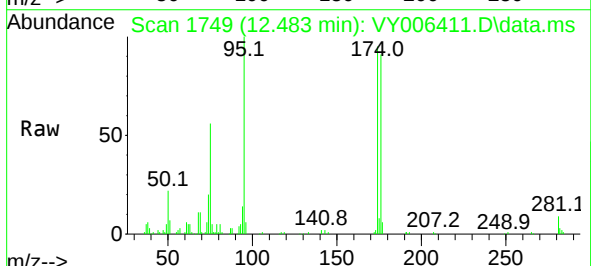
Instrument :
MSVOA_Y
ClientSampleId :

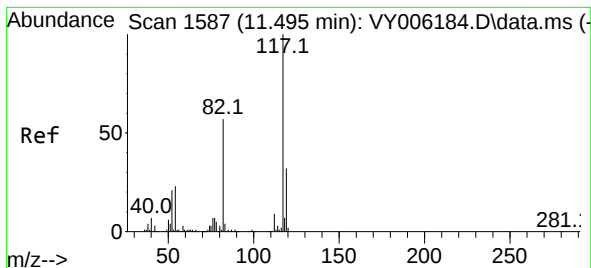
Tgt Ion: 43 Resp: 474
Ion Ratio Lower Upper
43 100
58 154.9 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 45.111 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

Tgt Ion: 95 Resp: 23268
Ion Ratio Lower Upper
95 100
174 94.7 0.0 177.0
176 90.9 0.0 175.8

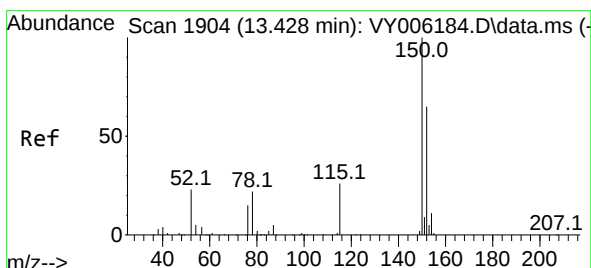
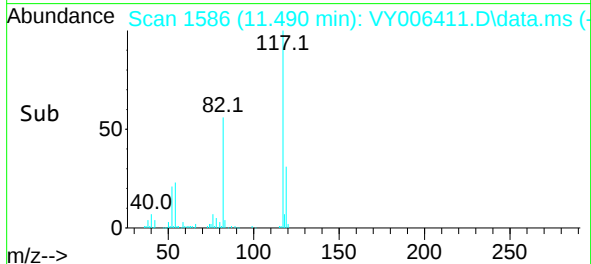
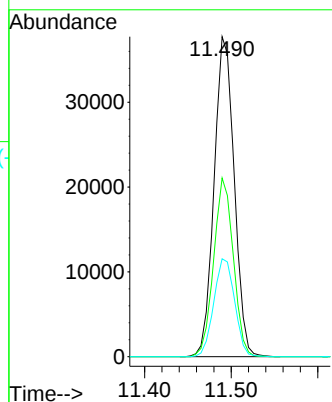
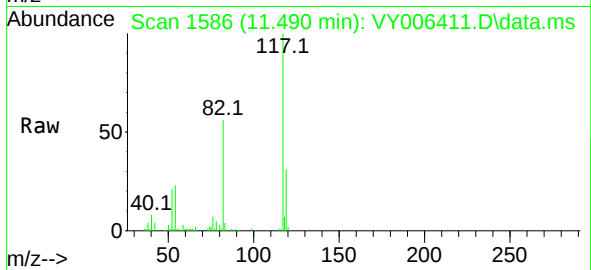




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

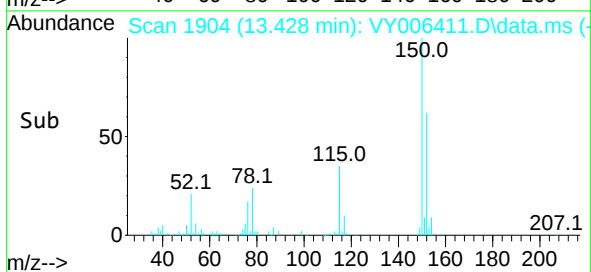
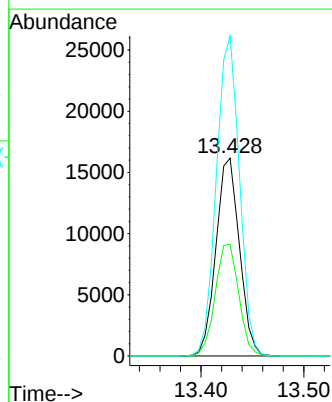
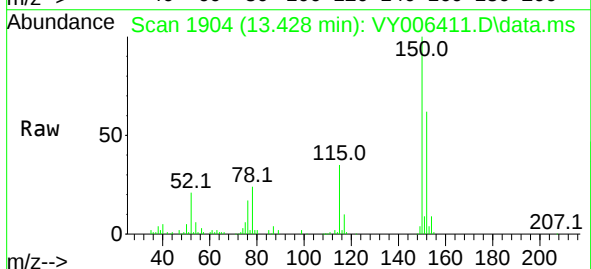
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 60884
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 30.6 25.4 38.0

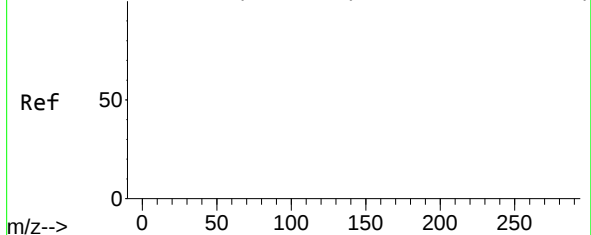


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

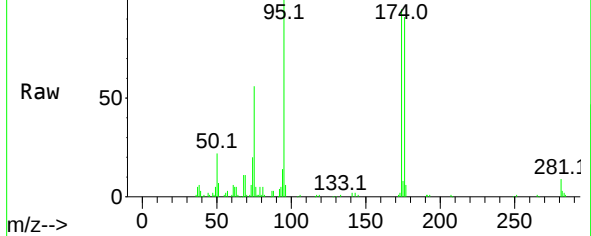
Tgt Ion:152 Resp: 25675
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 158.4 0.0 347.6



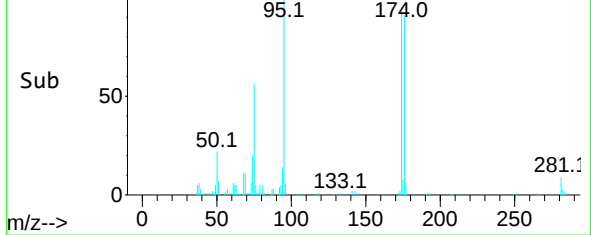
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



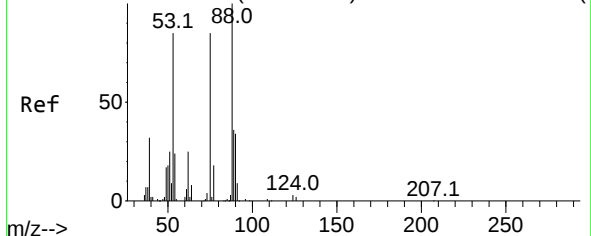
Abundance Scan 1749 (12.483 min): VY006411.D\data.ms (-



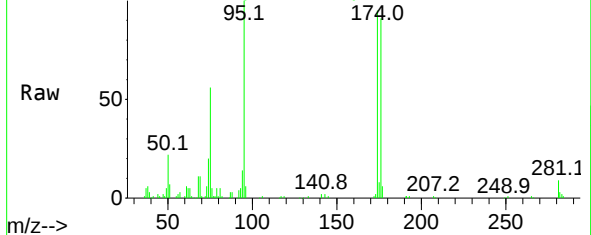
Abundance Scan 1749 (12.483 min): VY006411.D\data.ms (-



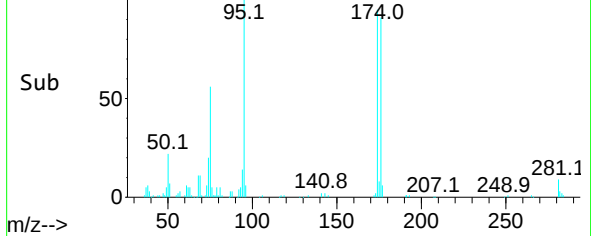
Abundance Scan 1732 (12.379 min): VY006184.D\data.ms (-



Abundance Scan 1749 (12.483 min): VY006411.D\data.ms (-

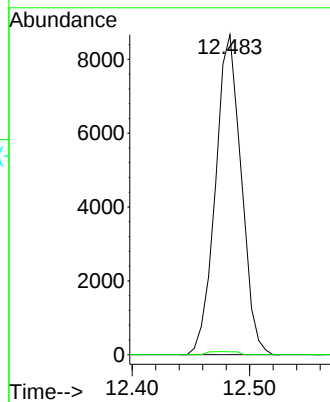


Abundance Scan 1749 (12.483 min): VY006411.D\data.ms (-



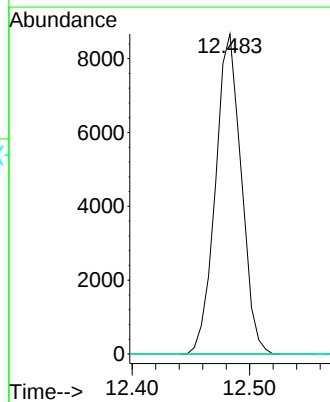
#76
1,2,3-Trichloropropane
Concen: 52.984 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

Tgt Ion: 75 Resp: 13222
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.121 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

Tgt Ion: 75 Resp: 13222
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



Instrument :
MSVOA_Y
ClientSampleId :