

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006297.D
 Acq On : 04 Oct 2021 23:20
 Operator : SY/MD
 Sample : M4043-03
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-100121

Quant Time: Oct 05 06:40:07 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)

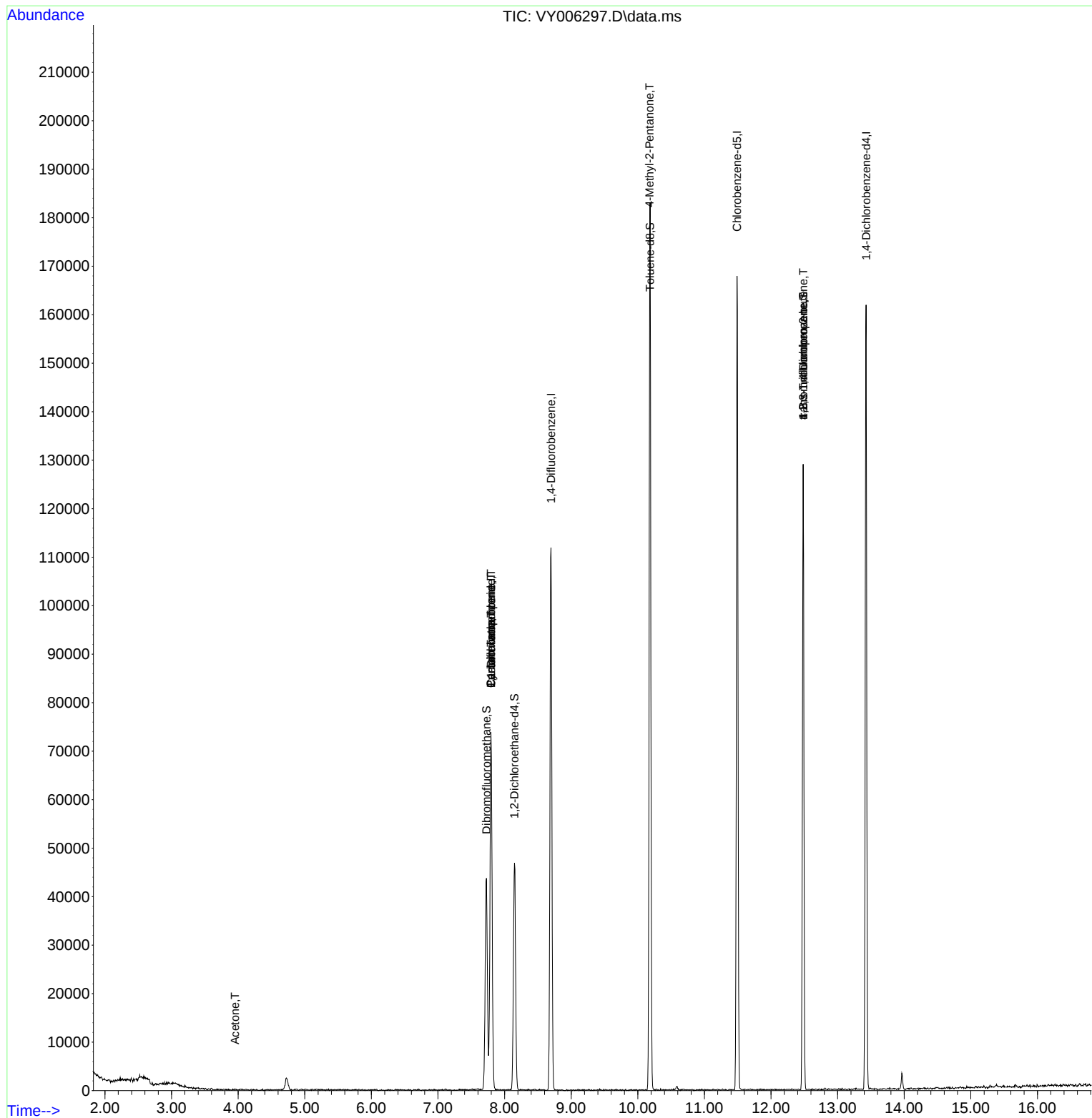
Internal Standards						
1) Pentafluorobenzene	7.795	168	56328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	91861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	87513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	40280	66.813	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.620%			
35) Dibromofluoromethane	7.728	113	29083	59.259	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.520%			
50) Toluene-d8	10.185	98	117364	57.140	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.280%			
62) 4-Bromofluorobenzene	12.483	95	35166	50.398	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.800%			
Target Compounds			Qvalue			
16) Acetone	3.954	43	187	1.111	ug/l #	47
20) Methylene Chloride	4.716	84	1607	Below Cal	#	90
31) Cyclohexane	7.795	56	1192	1.044	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	4267	4.669	ug/l #	53
38) Carbon Tetrachloride	7.795	117	5608	5.811	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	596	1.124	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	20547	52.722	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	20547	103.607	ug/l #	7

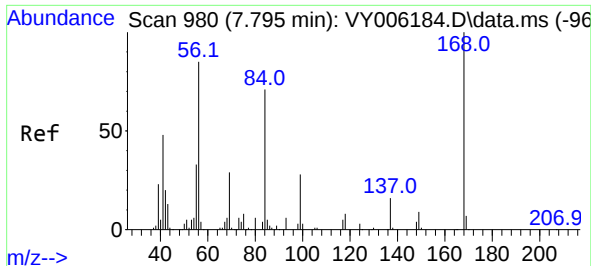
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

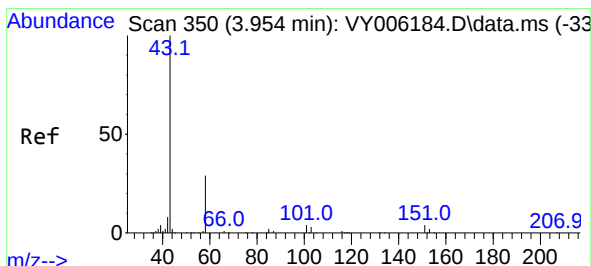
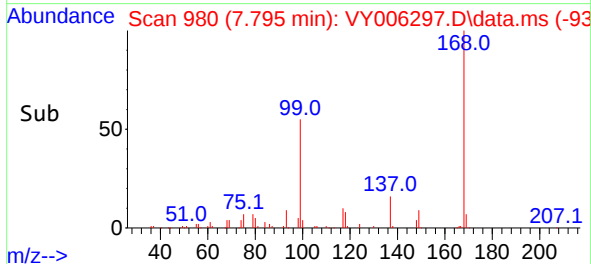
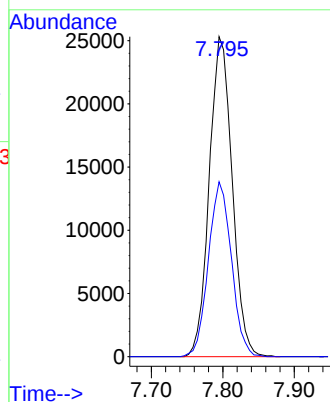
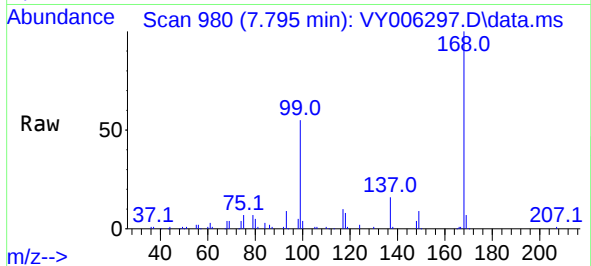




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

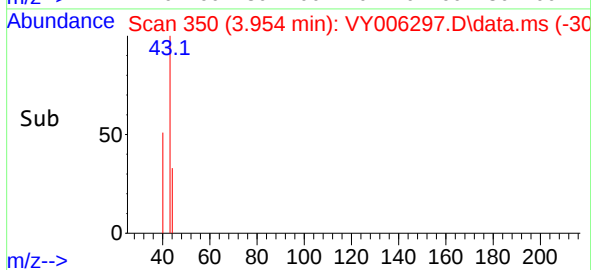
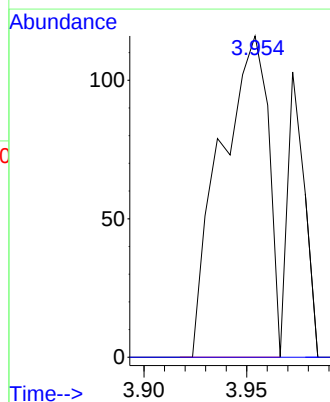
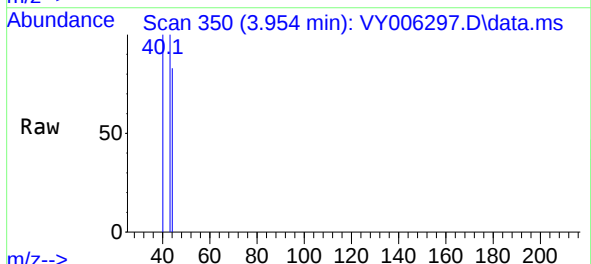
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-100121

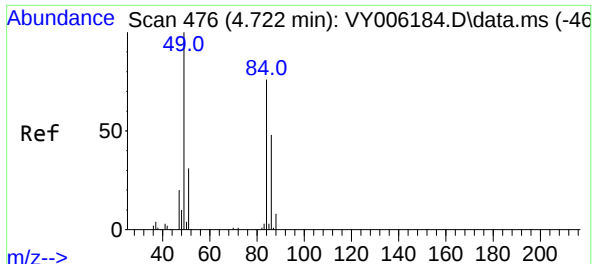
Tgt Ion:168 Resp: 56328
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#16
Acetone
Concen: 1.111 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

Tgt Ion: 43 Resp: 187
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



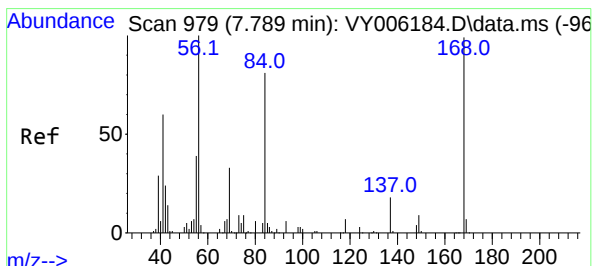
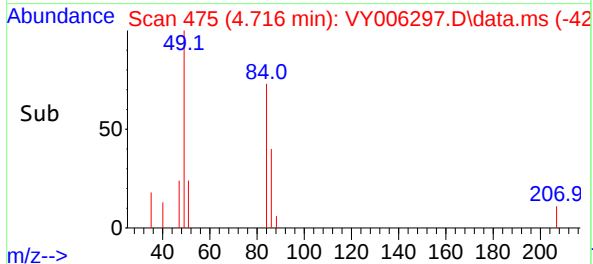
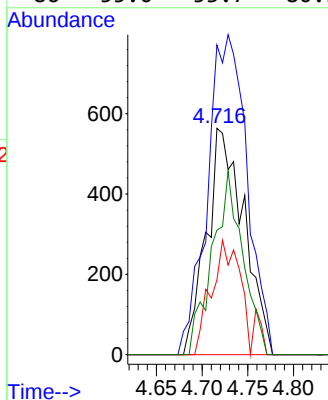
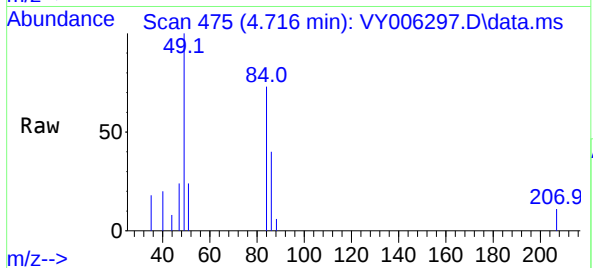


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-100121

Tgt Ion: 84 Resp: 1607

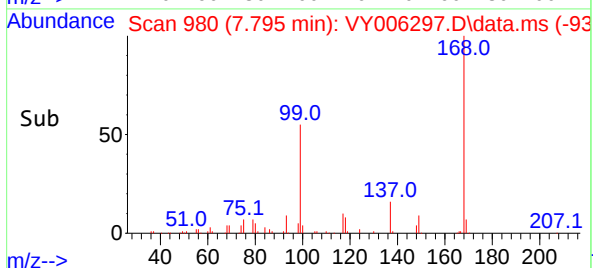
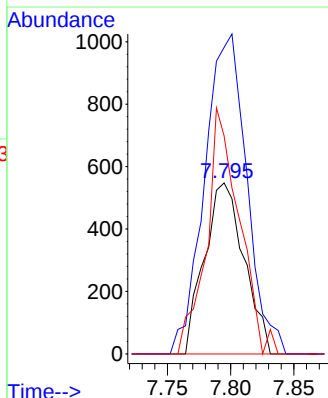
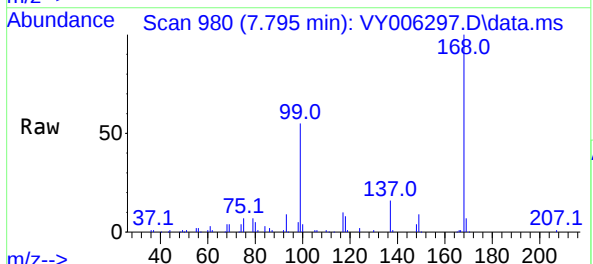
Ion	Ratio	Lower	Upper
84	100		
49	136.7	114.4	171.6
51	33.0	35.3	52.9#
86	55.0	53.7	80.5

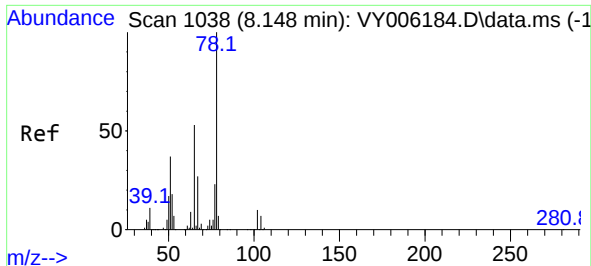


#31
Cyclohexane
Concen: 1.044 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

Tgt Ion: 56 Resp: 1192

Ion	Ratio	Lower	Upper
56	100		
69	165.5	26.7	40.1#
84	127.4	67.2	100.8#

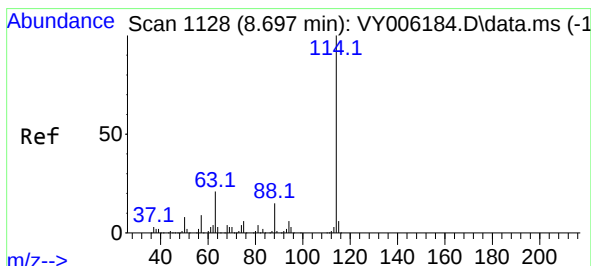
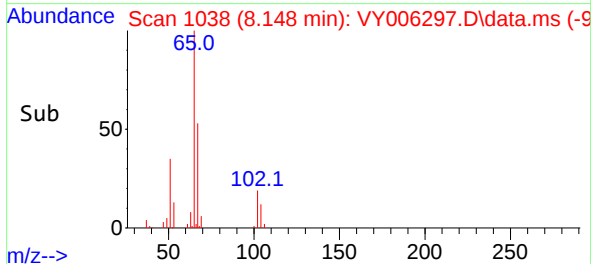
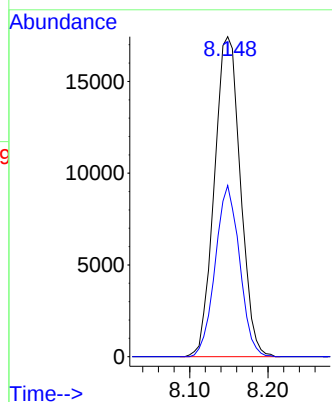
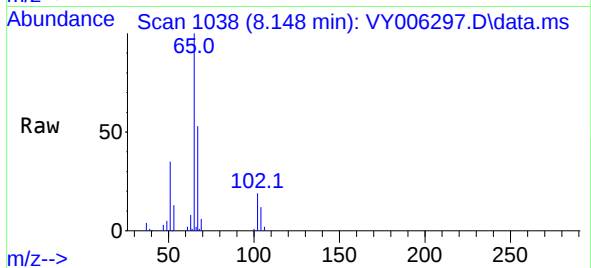




#33
1,2-Dichloroethane-d4
Concen: 66.813 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

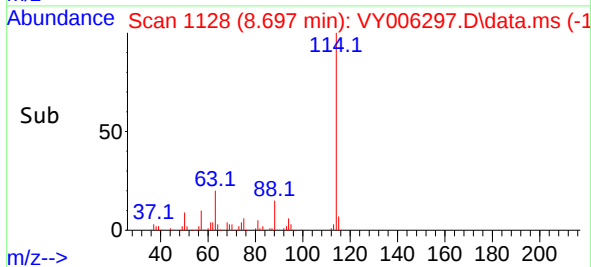
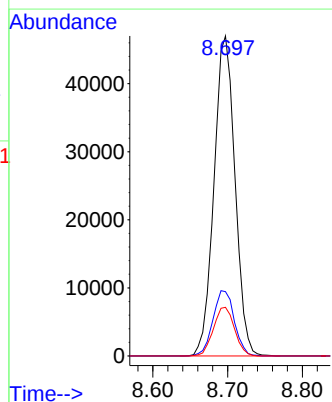
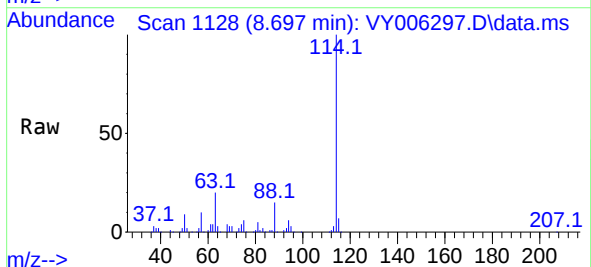
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-100121

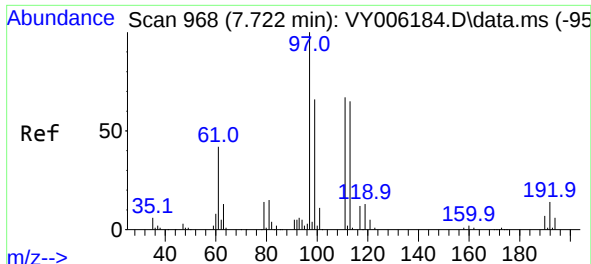
Tgt Ion: 65 Resp: 40280
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

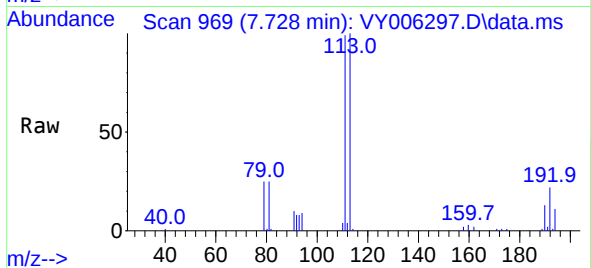
Tgt Ion: 114 Resp: 91861
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 15.2 0.0 31.8



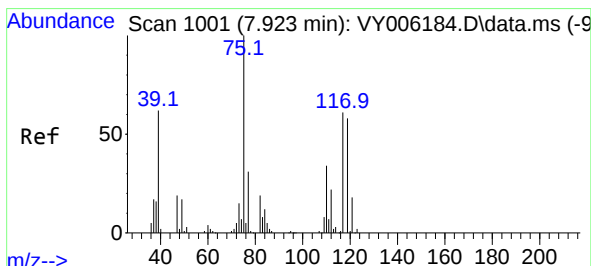
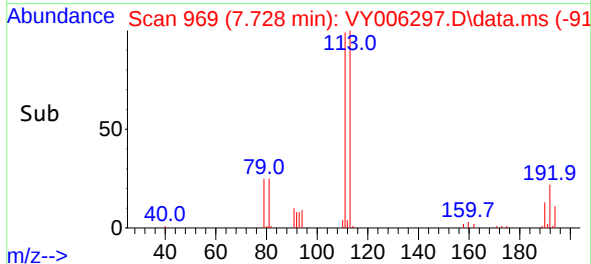
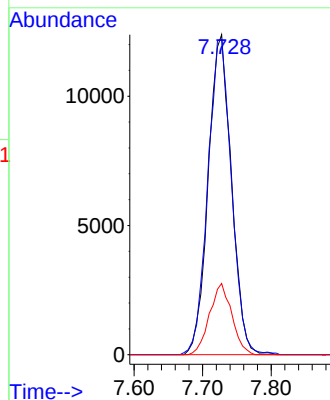


#35
Dibromofluoromethane
Concen: 59.259 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-100121

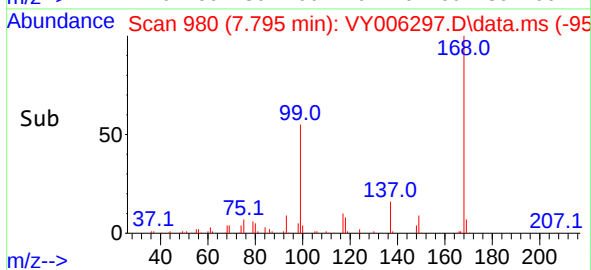
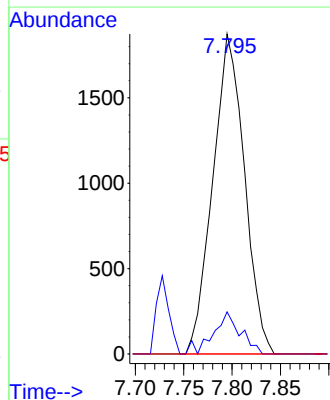
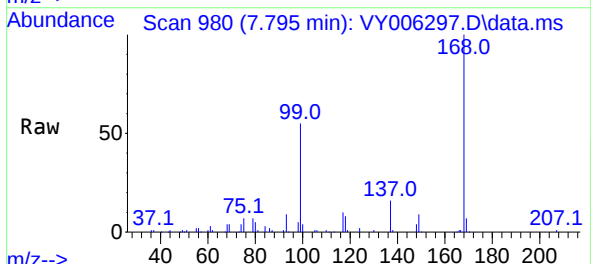


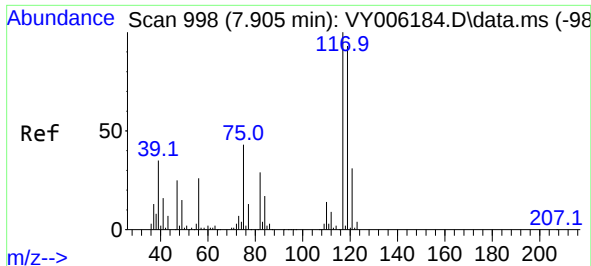
Tgt Ion:113 Resp: 29083
Ion Ratio Lower Upper
113 100
111 100.9 82.6 124.0
192 21.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.669 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

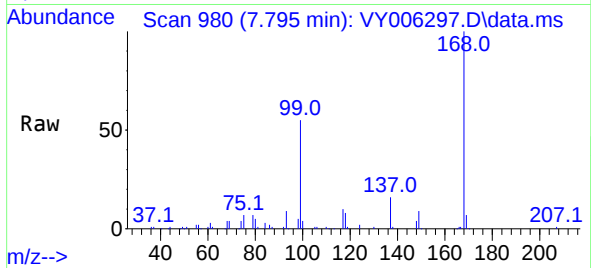
Tgt Ion: 75 Resp: 4267
Ion Ratio Lower Upper
75 100
110 11.3 17.1 51.2#
77 0.0 24.4 36.6#



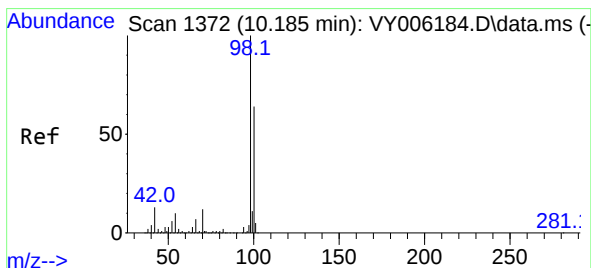
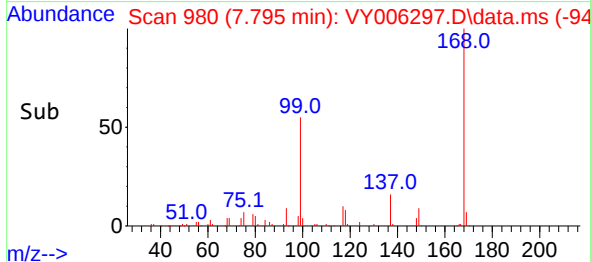
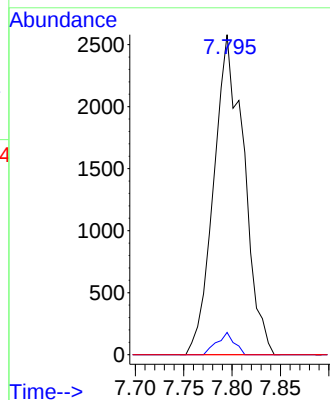


#38
Carbon Tetrachloride
Concen: 5.811 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-100121

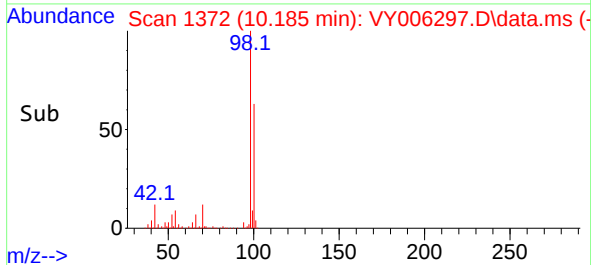
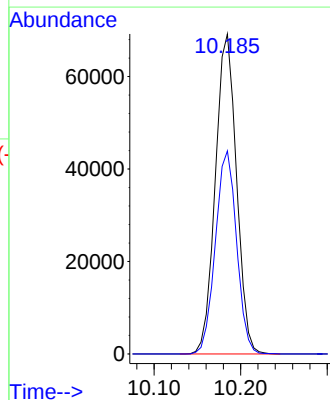
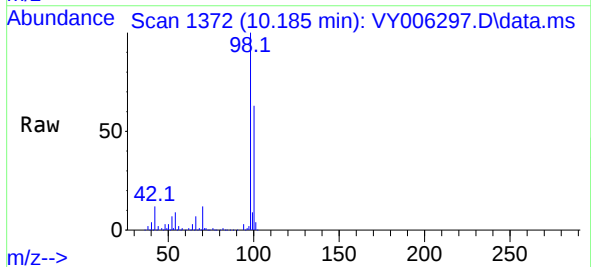


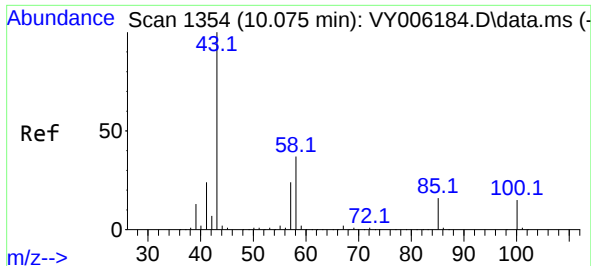
Tgt Ion:117 Resp: 5608
Ion Ratio Lower Upper
117 100
119 7.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 57.140 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

Tgt Ion: 98 Resp: 117364
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

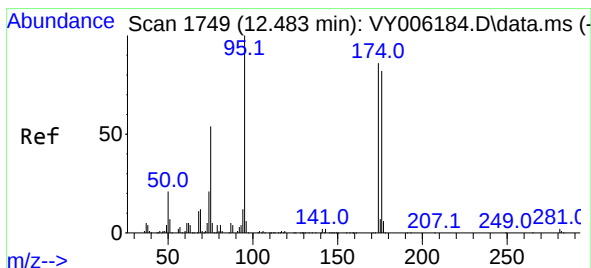
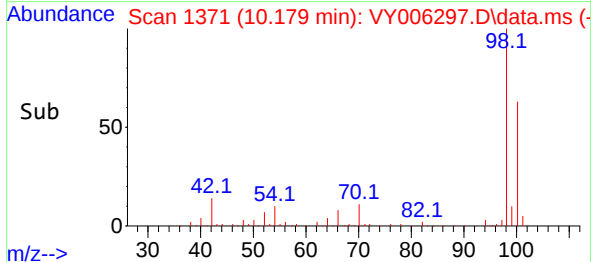
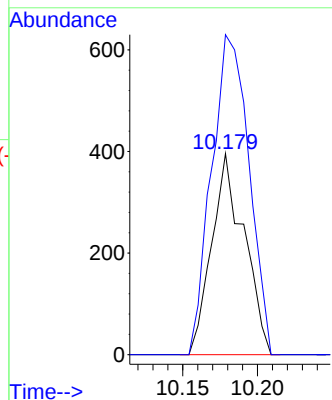
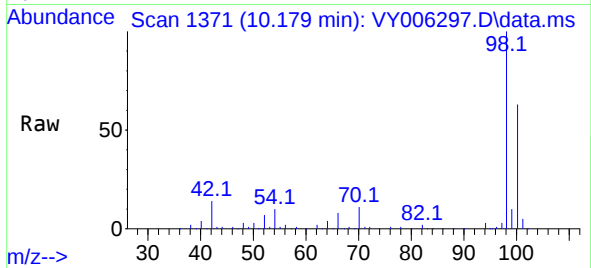




#51
4-Methyl-2-Pentanone
Concen: 1.124 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

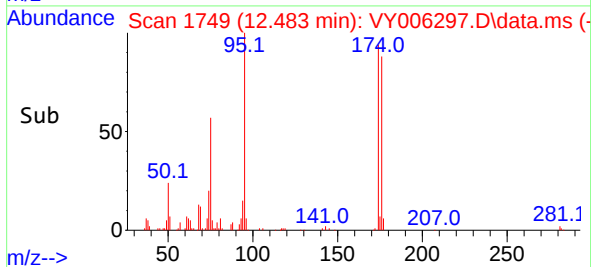
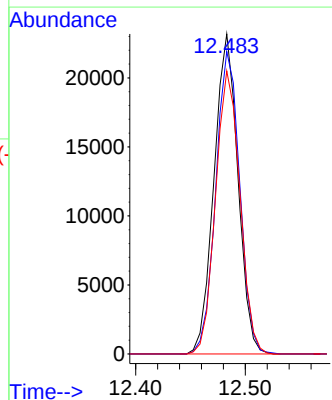
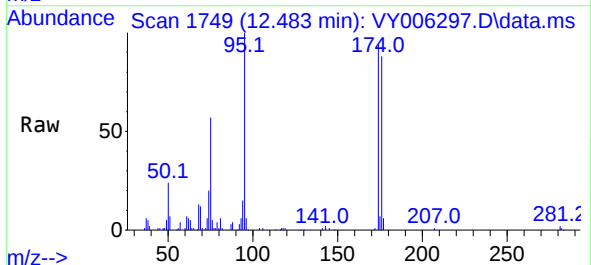
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-100121

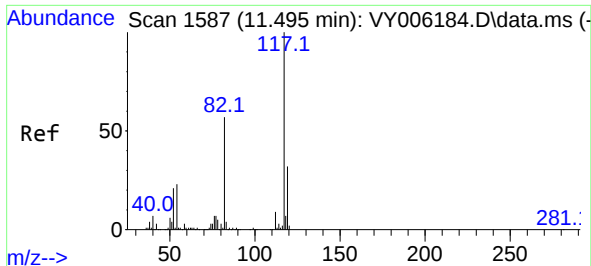
Tgt Ion: 43 Resp: 596
Ion Ratio Lower Upper
43 100
58 183.9 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 50.398 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

Tgt Ion: 95 Resp: 35166
Ion Ratio Lower Upper
95 100
174 94.8 0.0 177.0
176 89.9 0.0 175.8

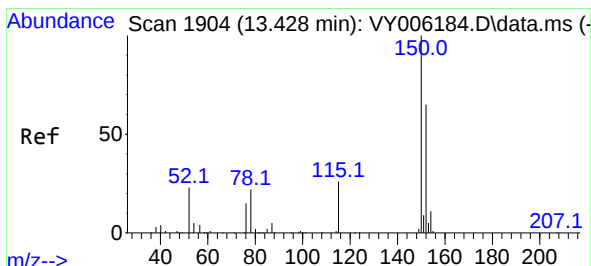
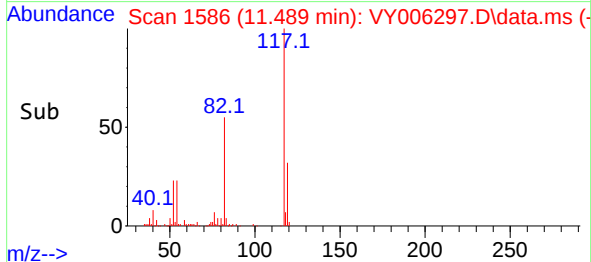
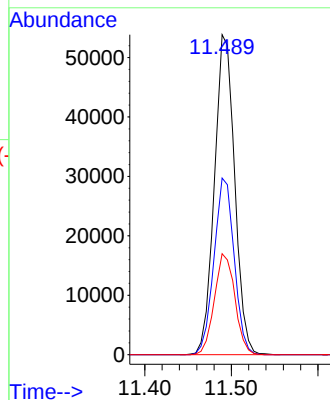
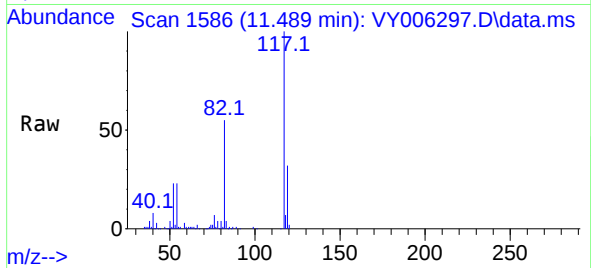




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

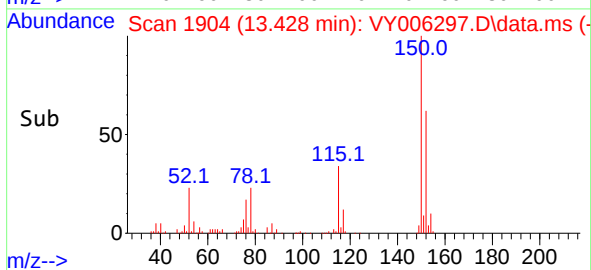
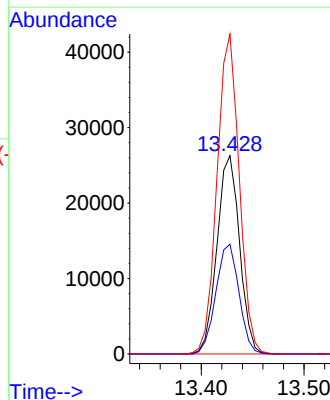
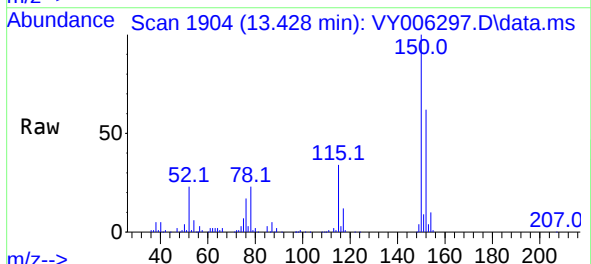
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-100121

Tgt Ion:	117	Resp:	87513
Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.0	64.4
119	31.6	25.4	38.0

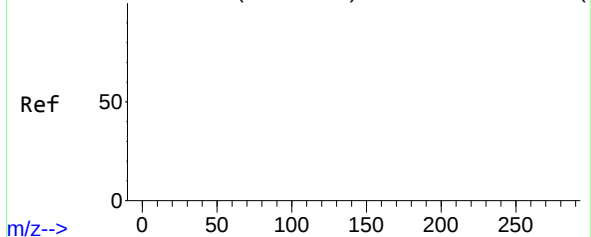


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

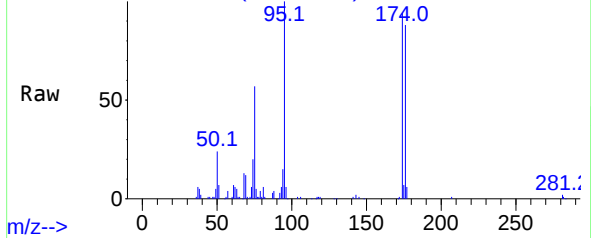
Tgt Ion:	152	Resp:	40097
Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.2	84.7
150	158.5	0.0	347.6



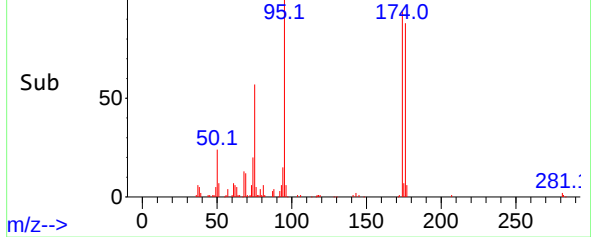
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



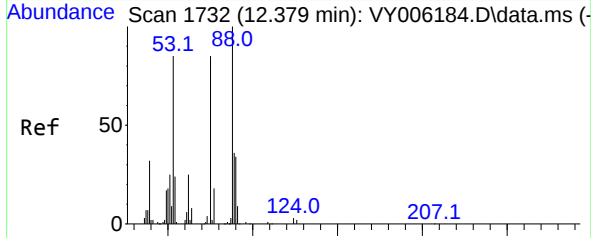
m/z--> Scan 1749 (12.483 min): VY006297.D\data.ms



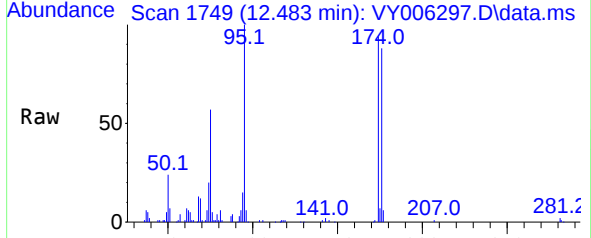
Abundance Scan 1749 (12.483 min): VY006297.D\data.ms (-



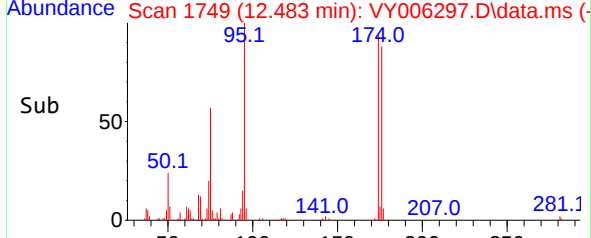
m/z--> Scan 1732 (12.379 min): VY006184.D\data.ms (-



m/z--> Scan 1749 (12.483 min): VY006297.D\data.ms



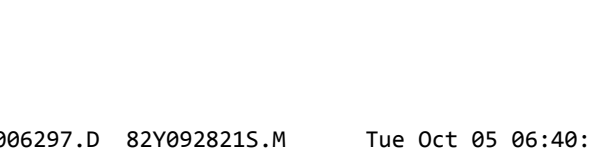
Abundance Scan 1749 (12.483 min): VY006297.D\data.ms (-



m/z--> Scan 1749 (12.483 min): VY006297.D\data.ms (-

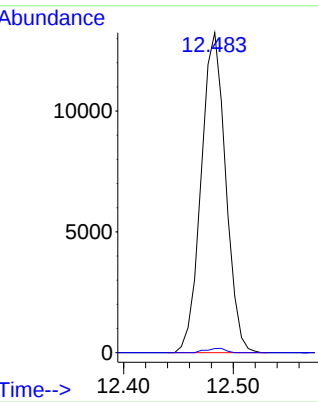


m/z--> Scan 1749 (12.483 min): VY006297.D\data.ms (-



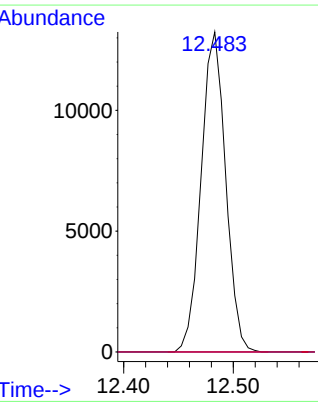
#76
1,2,3-Trichloropropane
Concen: 52.722 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

Tgt Ion: 75 Resp: 20547
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.607 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006297.D
Acq: 04 Oct 2021 23:20

Tgt Ion: 75 Resp: 20547
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



Instrument :
MSVOA_Y
ClientSampleId :
HR-04-100121