

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006413.D
 Acq On : 15 Oct 2021 17:48
 Operator : SY/MD
 Sample : M4222-01
 Misc : 4.97G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 04:46:24 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)

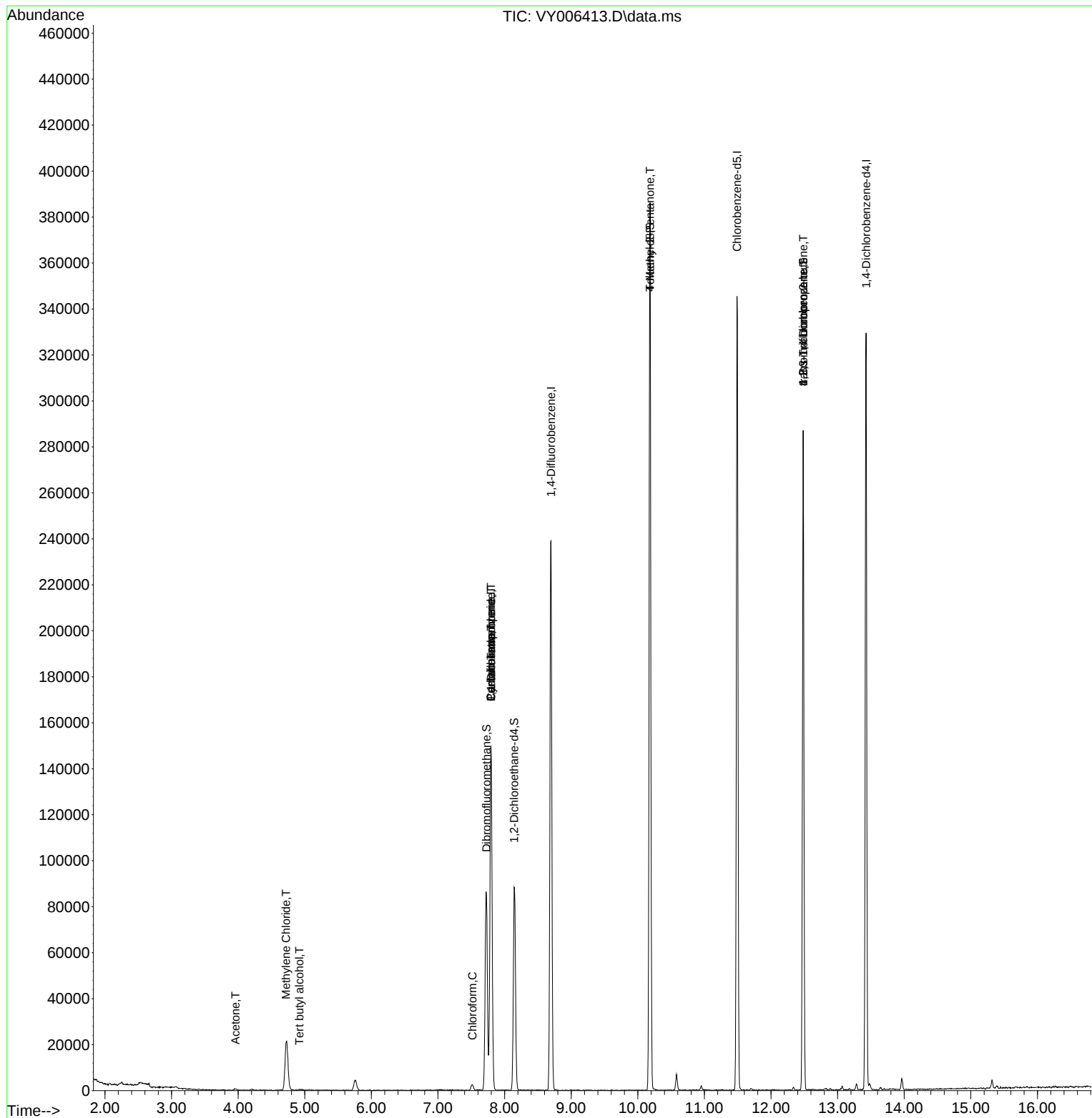
Internal Standards						
1) Pentafluorobenzene	7.795	168	118127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	195812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74573	58.983	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.960%			
35) Dibromofluoromethane	7.728	113	58239	55.670	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.340%			
50) Toluene-d8	10.185	98	249729	57.038	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.080%			
62) 4-Bromofluorobenzene	12.483	95	75203	50.561	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.120%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	217	1.962	ug/l #	77
16) Acetone	3.960	43	1221	3.458	ug/l	99
20) Methylene Chloride	4.716	84	15809	9.992	ug/l	88
30) Chloroform	7.514	83	2559	1.135	ug/l #	83
31) Cyclohexane	7.795	56	2690	1.123	ug/l #	17
36) 1,1-Dichloropropene	7.795	75	9264	4.755	ug/l #	49
38) Carbon Tetrachloride	7.795	117	11612	5.645	ug/l #	14
51) 4-Methyl-2-Pentanone	10.185	43	1200	1.062	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	43411	53.413	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43411	104.964	ug/l #	7

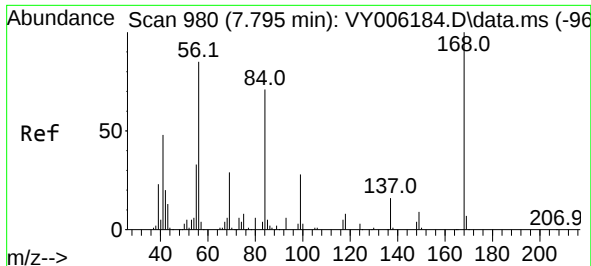
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

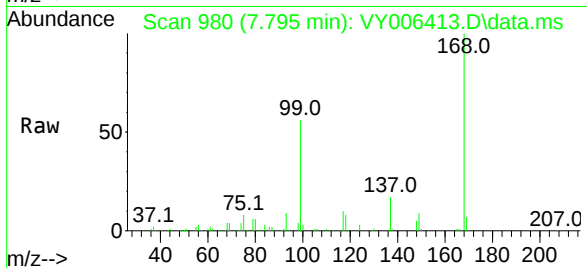
Quant Time: Oct 18 04:46:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
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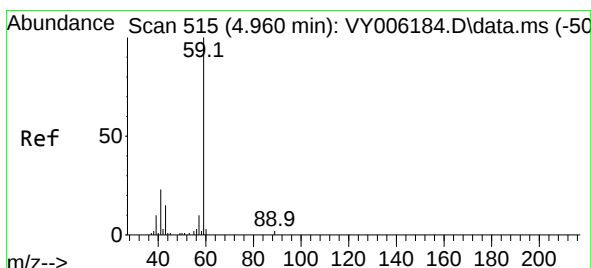
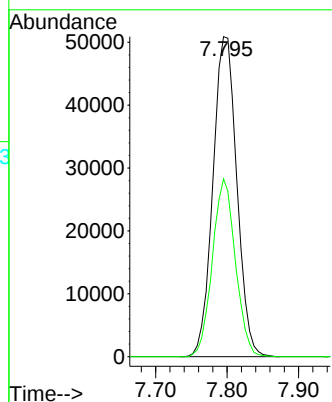
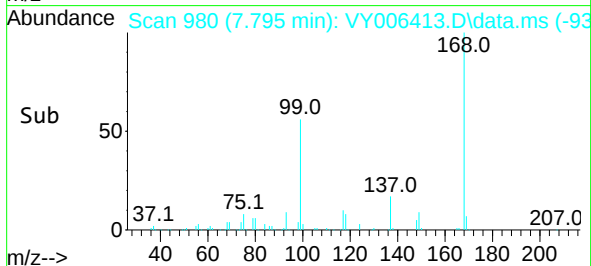


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

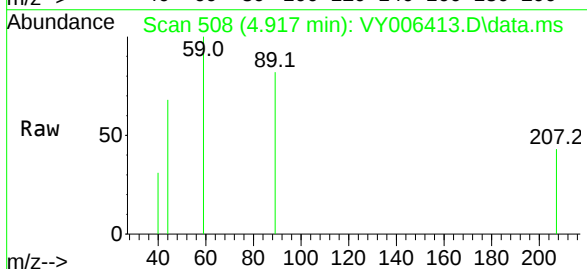
Instrument :
MSVOA_Y
ClientSampleId :



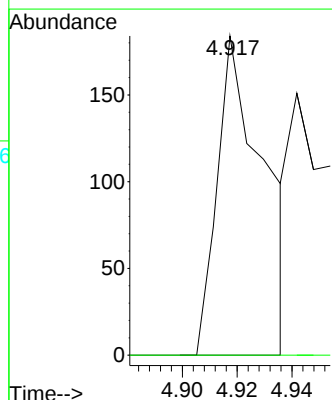
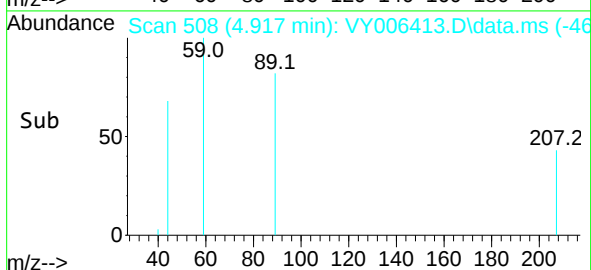
Tgt Ion:168 Resp: 118127
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3

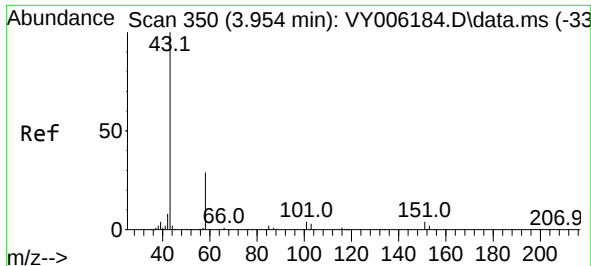


#11
Tert butyl alcohol
Concen: 1.962 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.043 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48



Tgt Ion: 59 Resp: 217
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

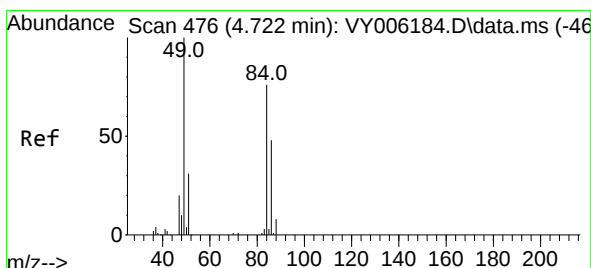
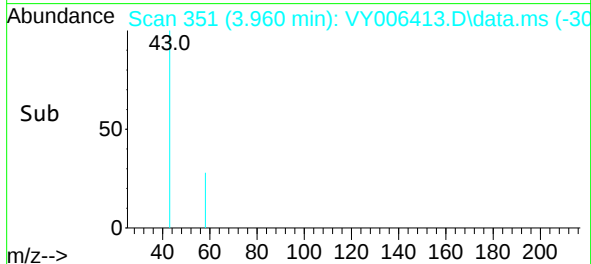
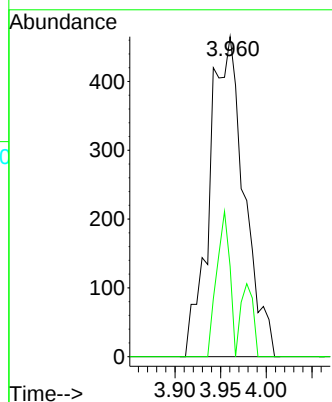
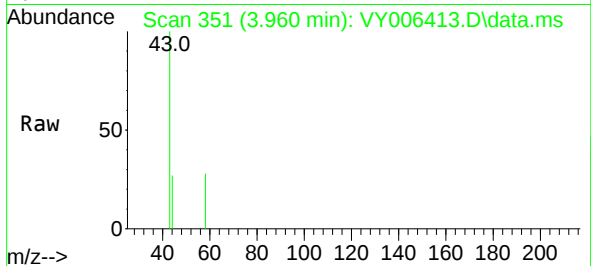




#16
Acetone
Concen: 3.458 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

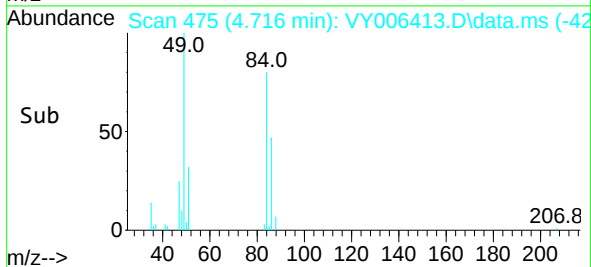
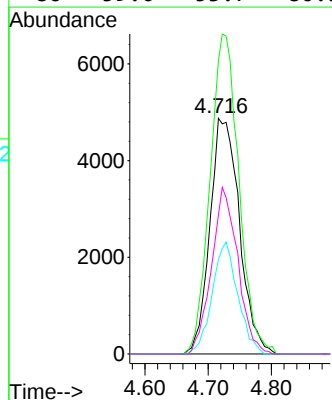
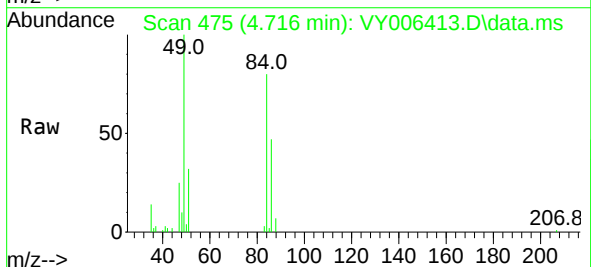
Instrument :
MSVOA_Y
ClientSampleId :

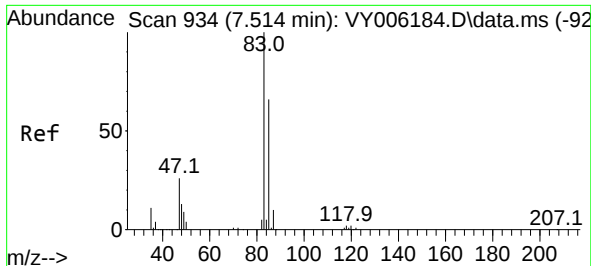
Tgt Ion: 43 Resp: 1221
Ion Ratio Lower Upper
43 100
58 28.2 22.0 33.0



#20
Methylene Chloride
Concen: 9.992 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

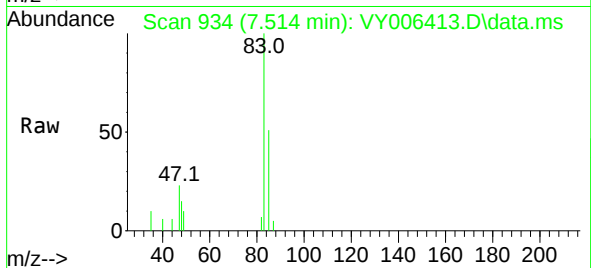
Tgt Ion: 84 Resp: 15809
Ion Ratio Lower Upper
84 100
49 124.5 114.4 171.6
51 40.0 35.3 52.9
86 59.0 53.7 80.5



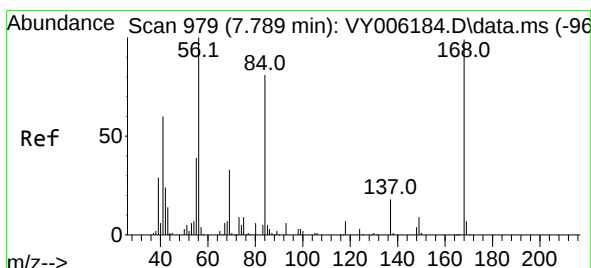
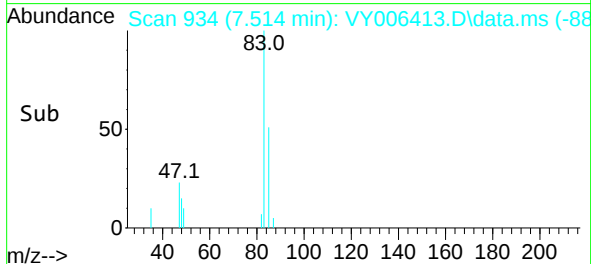
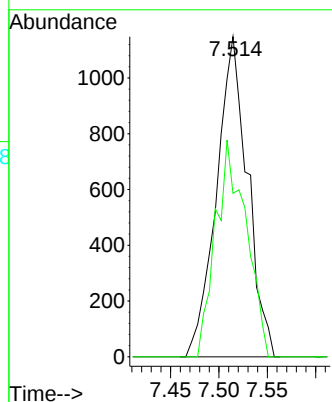


#30
Chloroform
Concen: 1.135 ug/l
RT: 7.514 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

Instrument :
MSVOA_Y
ClientSampleId :

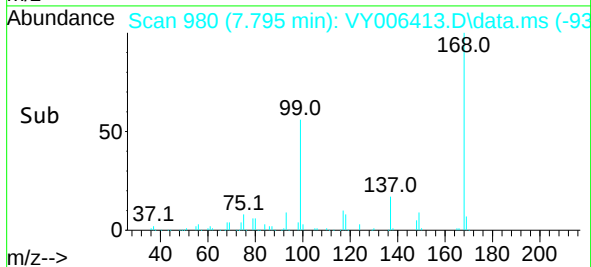
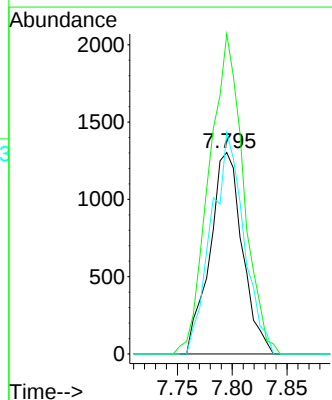
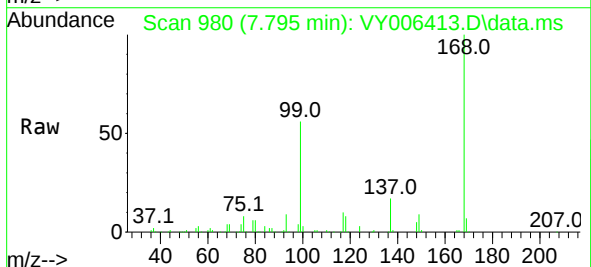


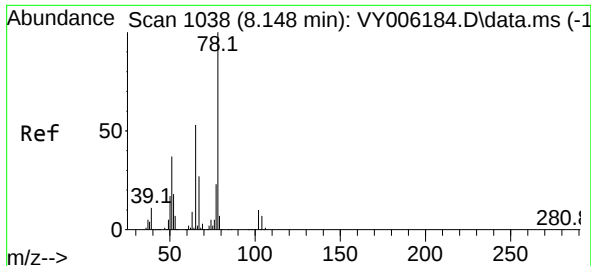
Tgt Ion: 83 Resp: 2559
Ion Ratio Lower Upper
83 100
85 51.0 51.8 77.6#



#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

Tgt Ion: 56 Resp: 2690
Ion Ratio Lower Upper
56 100
69 158.9 26.7 40.1#
84 109.9 67.2 100.8#

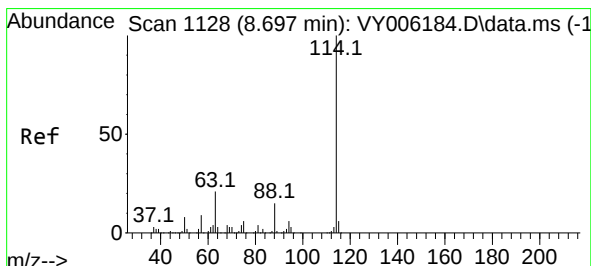
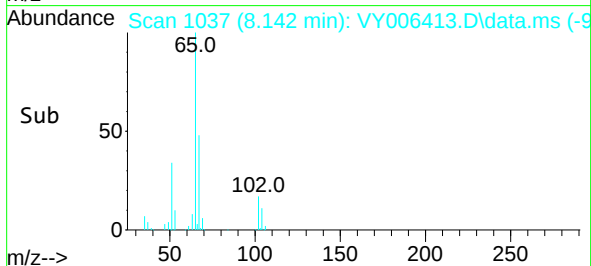
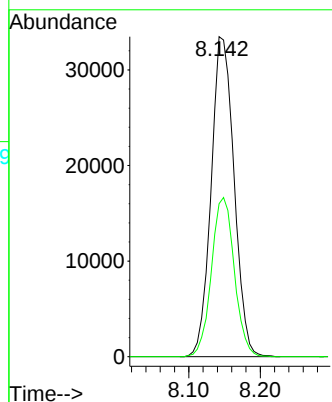
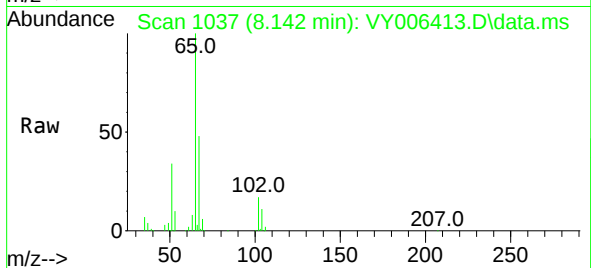




#33
1,2-Dichloroethane-d4
Concen: 58.983 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

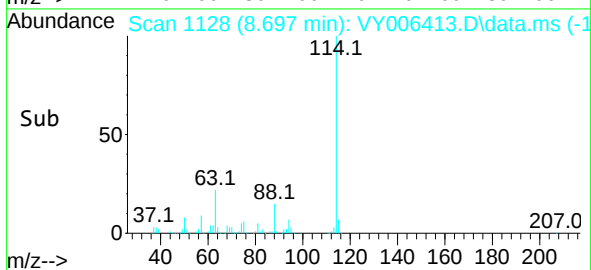
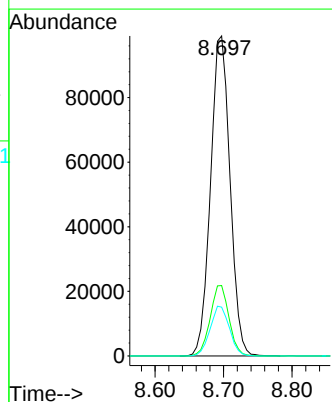
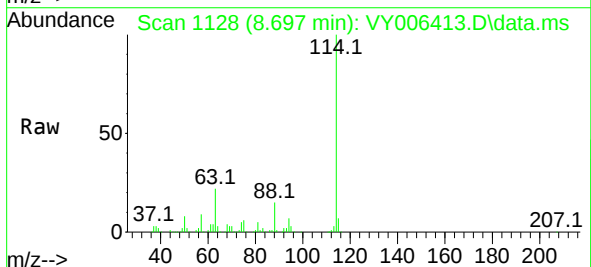
Instrument :
MSVOA_Y
ClientSampleId :

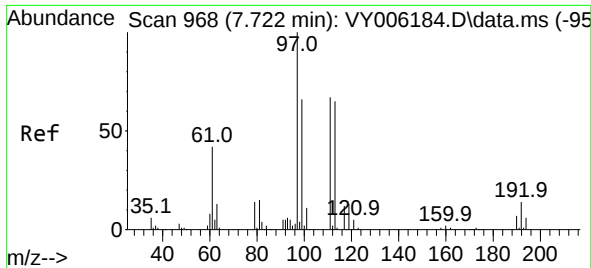
Tgt Ion: 65 Resp: 74573
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

Tgt Ion: 114 Resp: 195812
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.2
88 15.2 0.0 31.8

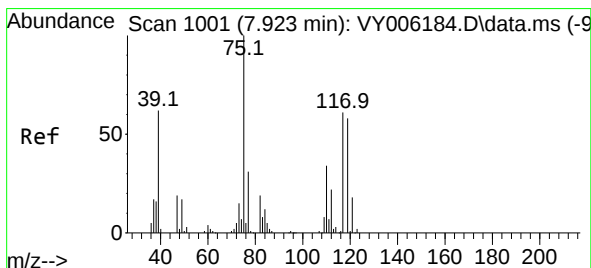
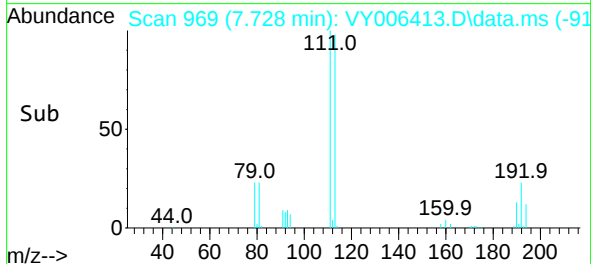
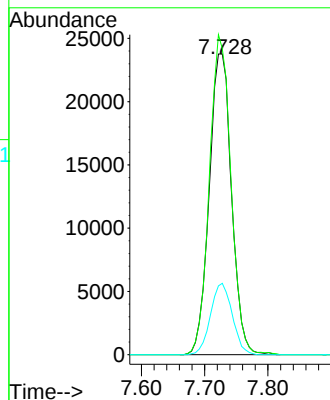
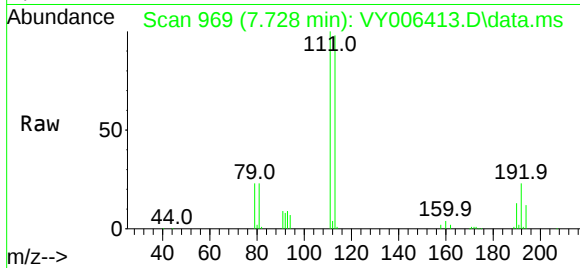




#35
Dibromofluoromethane
Concen: 55.670 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

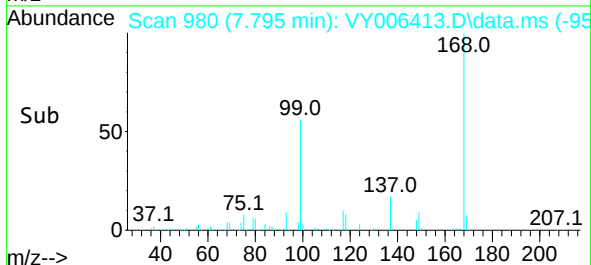
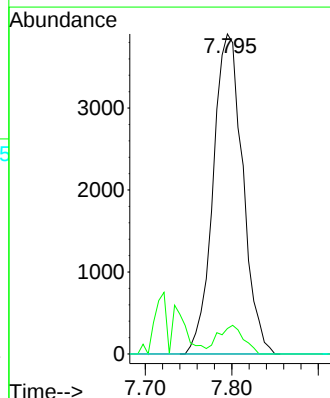
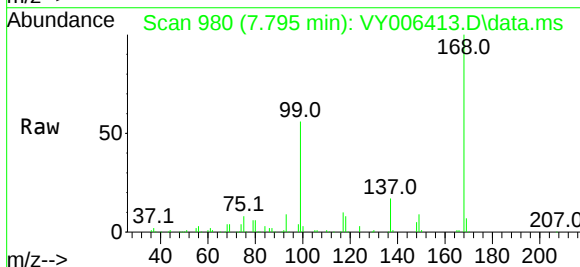
Instrument :
MSVOA_Y
ClientSampleId :

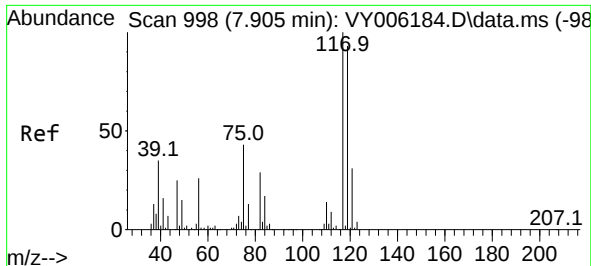
Tgt Ion:113 Resp: 58239
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 23.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.755 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

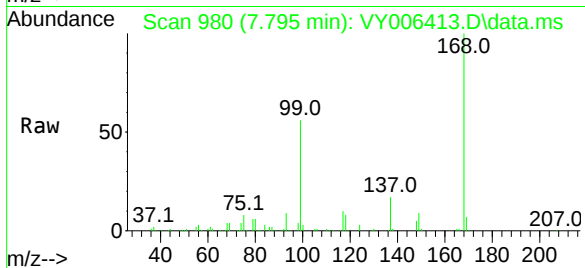
Tgt Ion: 75 Resp: 9264
Ion Ratio Lower Upper
75 100
110 7.7 17.1 51.2#
77 0.0 24.4 36.6#



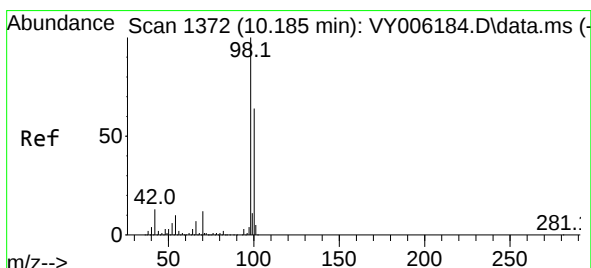
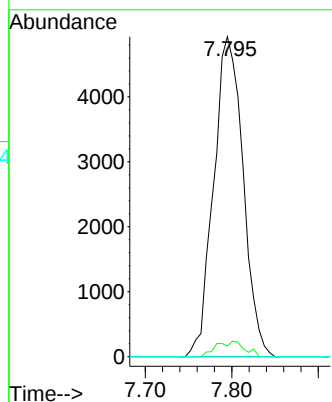
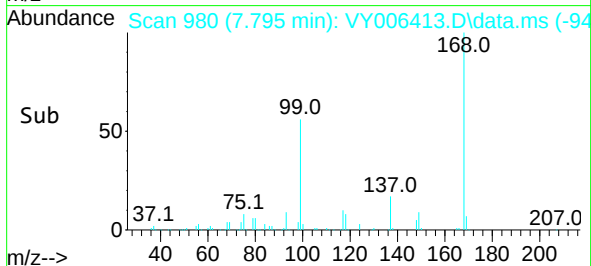


#38
Carbon Tetrachloride
Concen: 5.645 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

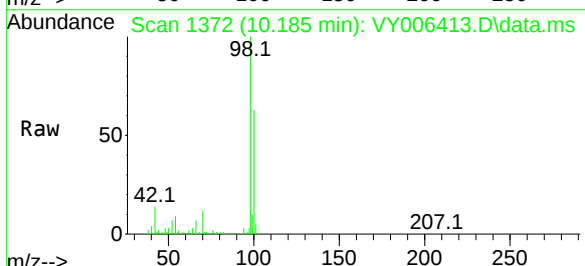
Instrument :
MSVOA_Y
ClientSampleId :



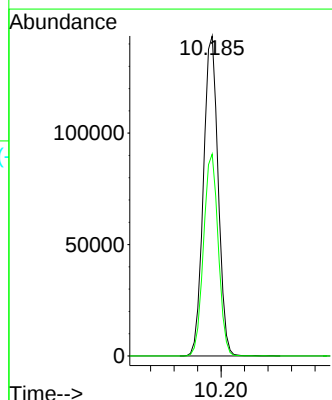
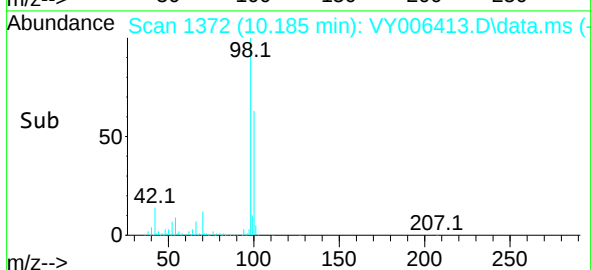
Tgt Ion:117 Resp: 11612
Ion Ratio Lower Upper
117 100
119 3.3 77.9 116.9#
121 0.0 24.8 37.2#

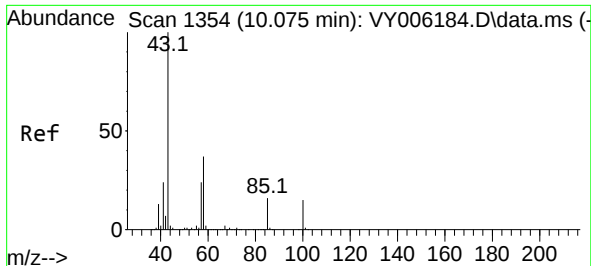


#50
Toluene-d8
Concen: 57.038 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48



Tgt Ion: 98 Resp: 249729
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

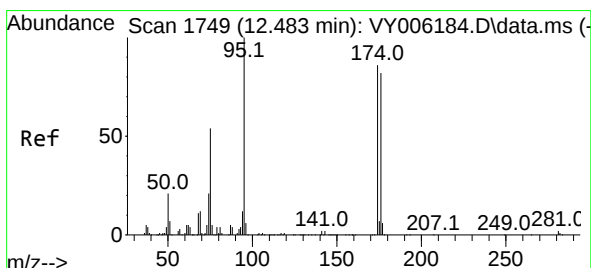
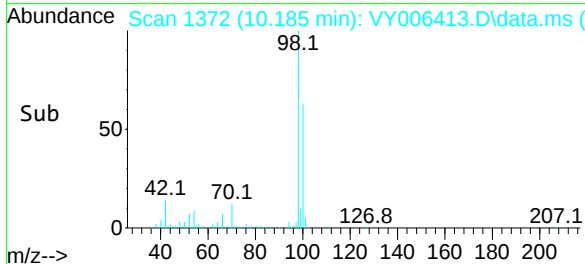
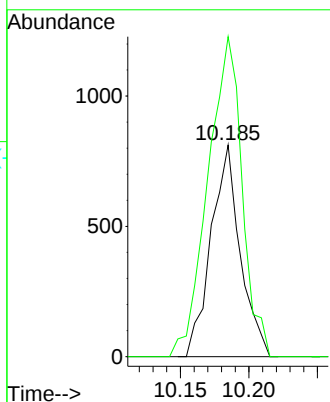
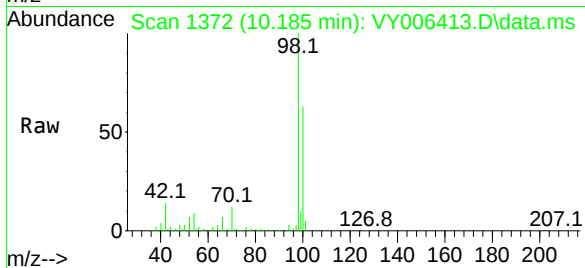




#51
4-Methyl-2-Pentanone
Concen: 1.062 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

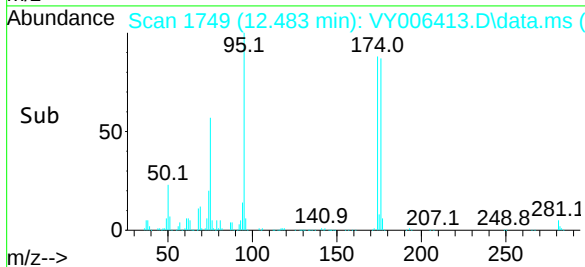
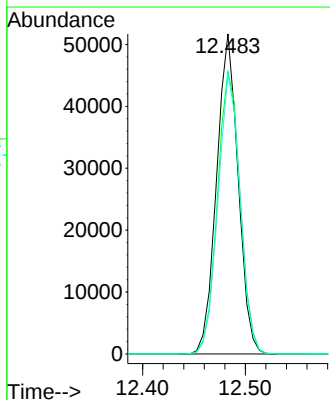
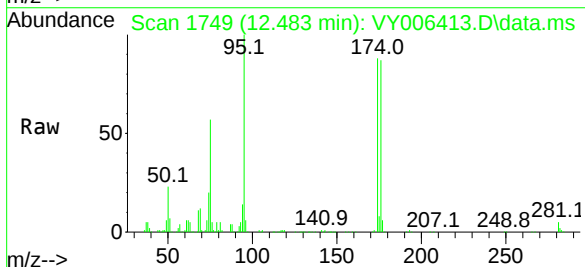
Instrument :
MSVOA_Y
ClientSampled :

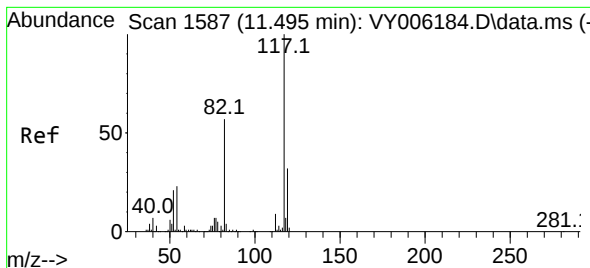
Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
58 177.6 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 50.561 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

Tgt Ion: 95 Resp: 75203
Ion Ratio Lower Upper
95 100
174 93.2 0.0 177.0
176 89.7 0.0 175.8

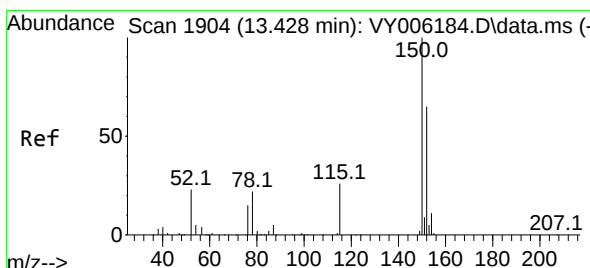
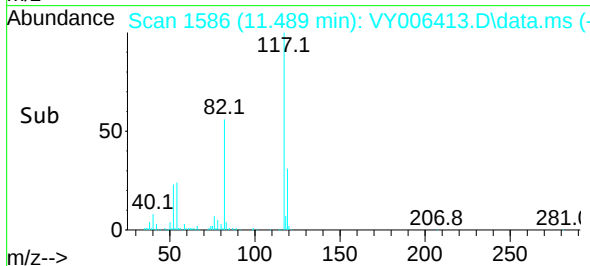
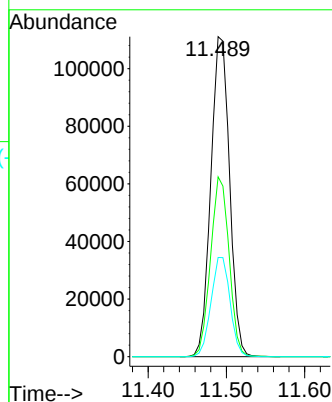
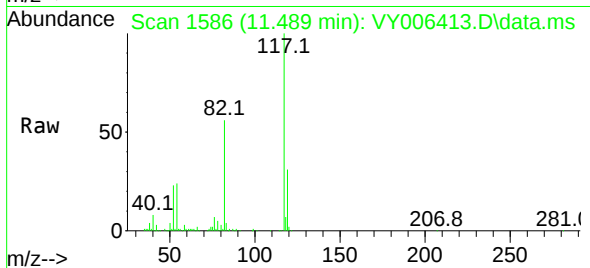




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

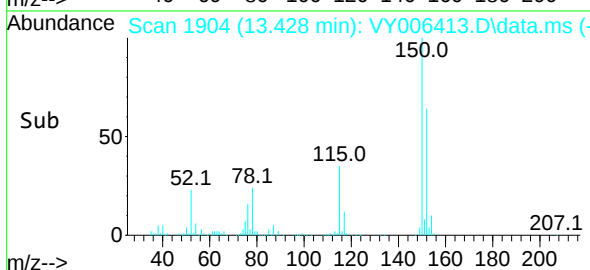
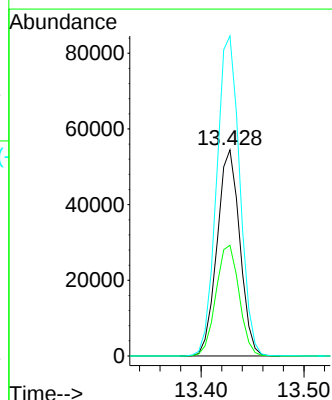
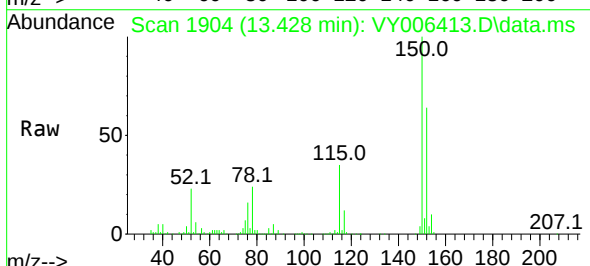
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 184694
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 31.0 25.4 38.0

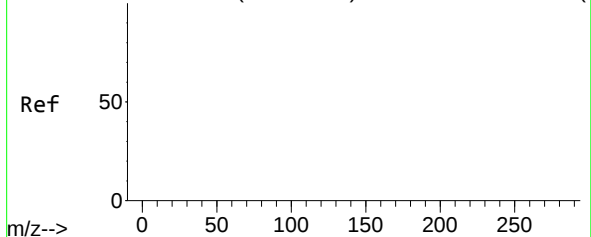


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

Tgt Ion:152 Resp: 83620
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 157.8 0.0 347.6



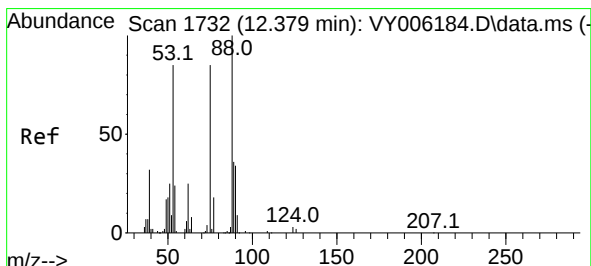
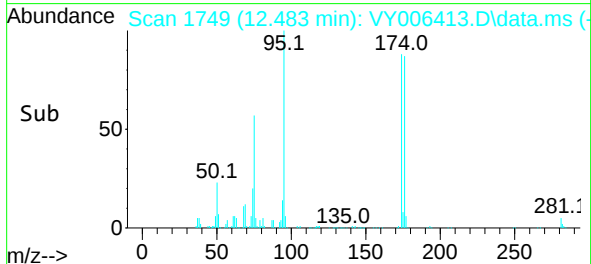
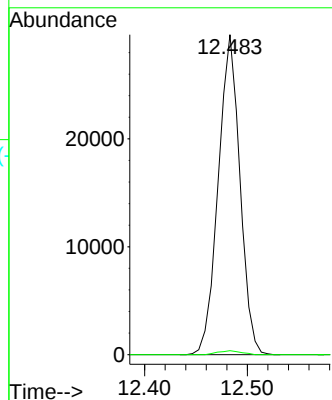
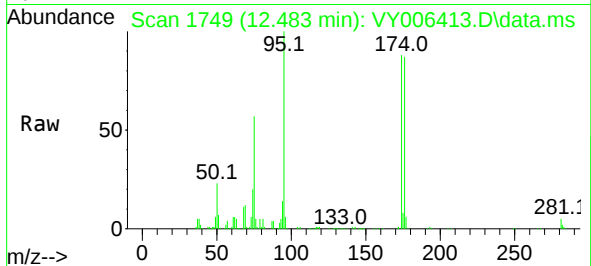
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



#76
1,2,3-Trichloropropane
Concen: 53.413 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 43411
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.964 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006413.D
Acq: 15 Oct 2021 17:48

Tgt Ion: 75 Resp: 43411
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.2 37.0 55.4#

