

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005691.D
 Acq On : 17 Aug 2021 00:48
 Operator : SY/MD
 Sample : M3424-04
 Misc : 9.36G/5ML/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18S

Quant Time: Aug 17 05:23:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

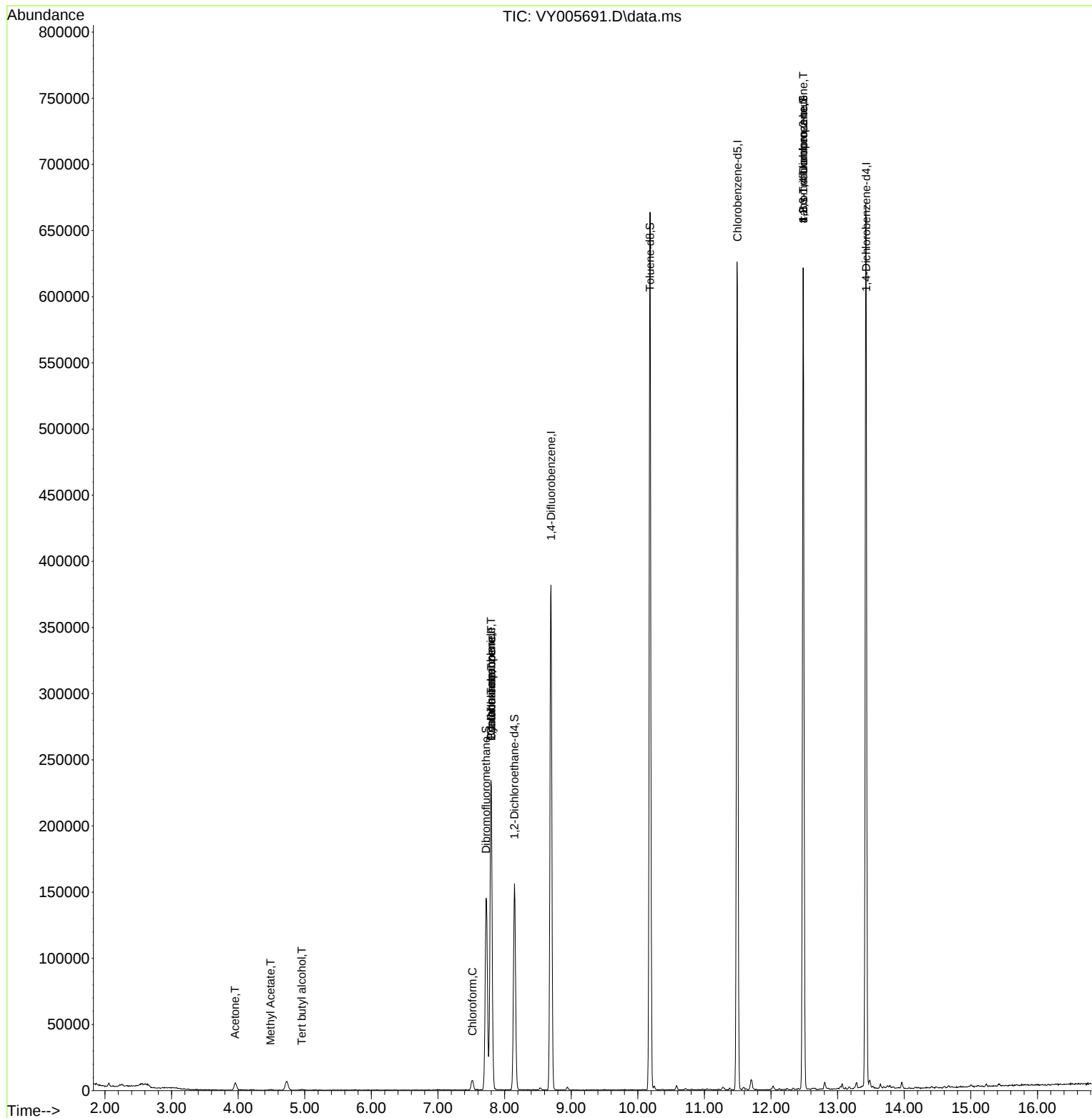
Internal Standards						
1) Pentafluorobenzene	7.801	168	190265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	322512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	335072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	127178	66.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.060%	
35) Dibromofluoromethane	7.722	113	99011	54.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.660%	
50) Toluene-d8	10.185	98	414471	54.731	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.460%	
62) 4-Bromofluorobenzene	12.483	95	150772	60.123	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	772	4.055	ug/l #	73
16) Acetone	3.954	43	9872	20.330	ug/l	99
18) Methyl Acetate	4.485	43	1277	1.006	ug/l	95
20) Methylene Chloride	4.722	84	5259	Below Cal	#	76
30) Chloroform	7.515	83	7405	2.210	ug/l	94
31) Cyclohexane	7.801	56	3830	1.159	ug/l #	31
36) 1,1-Dichloropropene	7.801	75	13786	4.557	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17133	5.211	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	84676	46.993	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84676	94.732	ug/l #	11

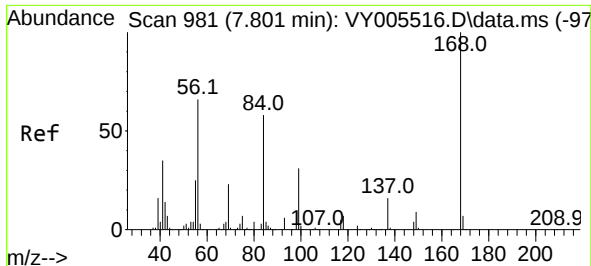
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
Data File : VY005691.D
Acq On : 17 Aug 2021 00:48
Operator : SY/MD
Sample : M3424-04
Misc : 9.36G/5ML/MSVOA_Y/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18S

Quant Time: Aug 17 05:23:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

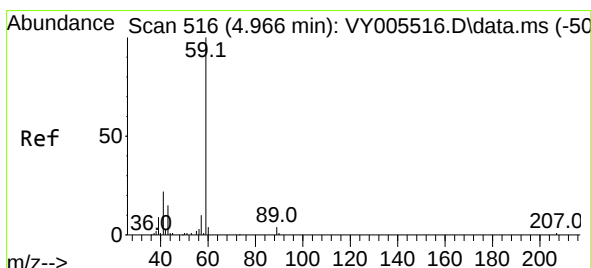
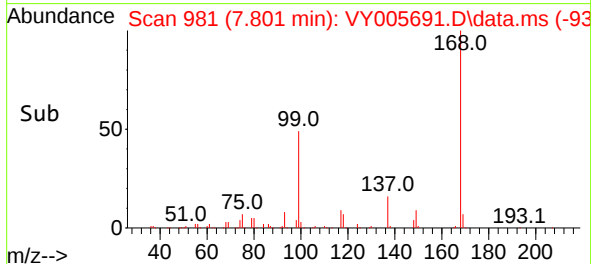
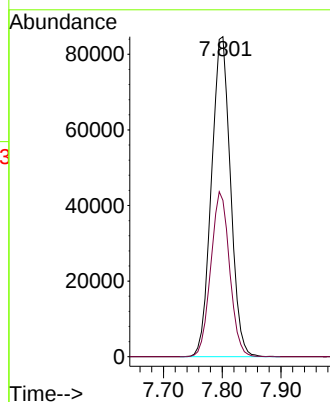
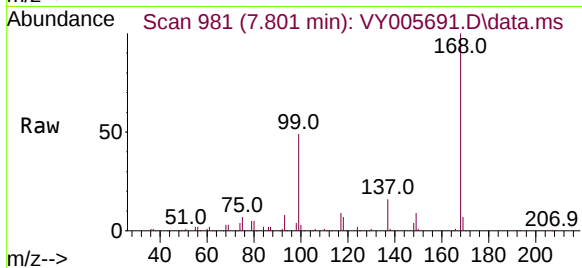




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

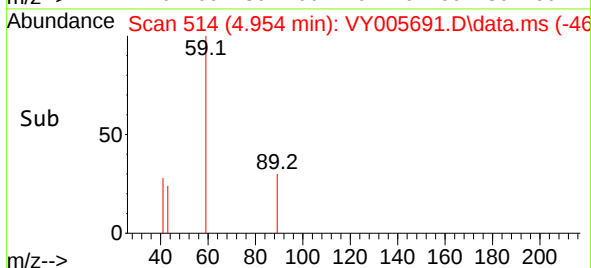
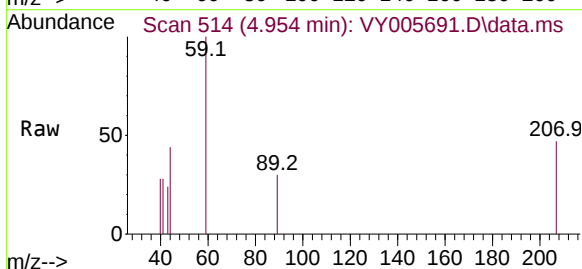
Instrument :
MSVOA_Y
ClientSampled :
18S

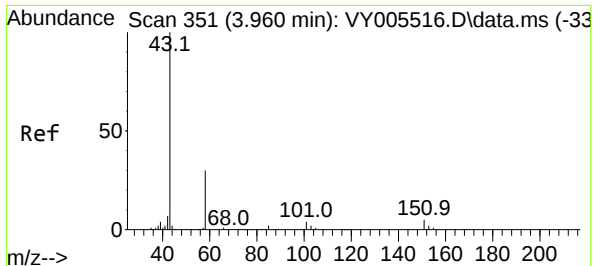
Tgt Ion:168 Resp: 190265
Ion Ratio Lower Upper
168 100
99 48.9 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.055 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

Tgt Ion: 59 Resp: 772
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

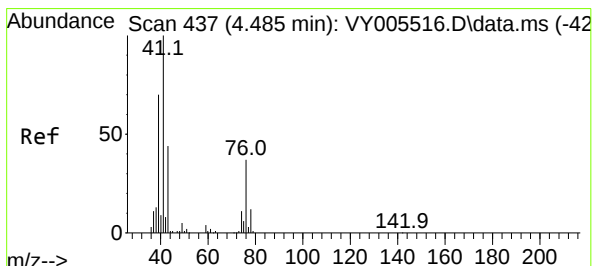
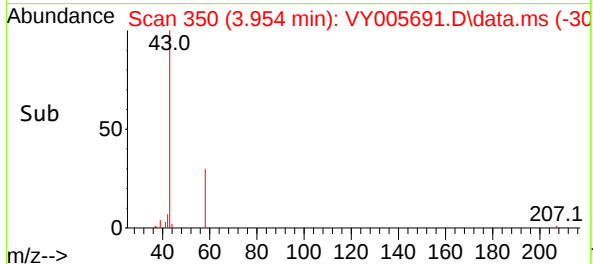
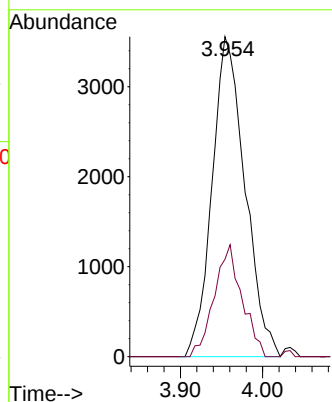
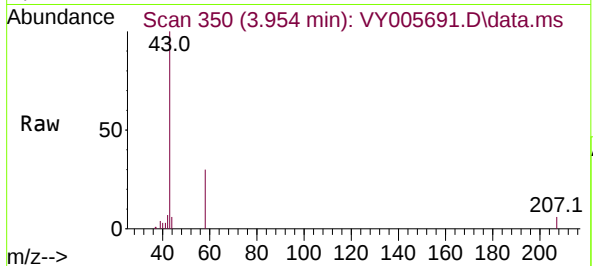




#16
Acetone
Concen: 20.330 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

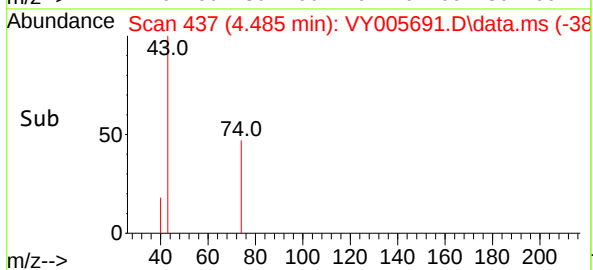
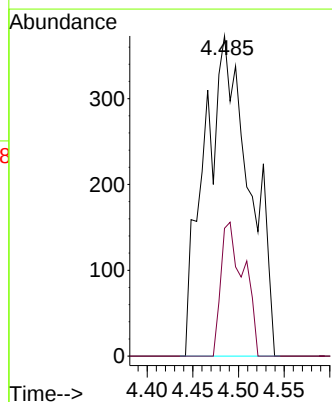
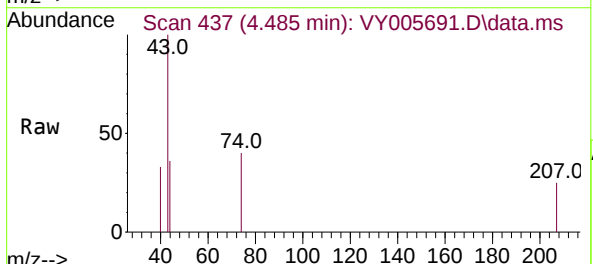
Instrument :
MSVOA_Y
ClientSampled :
18S

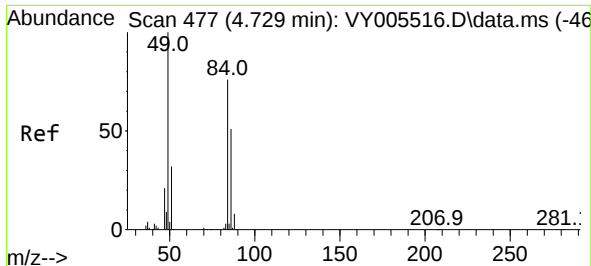
Tgt Ion: 43 Resp: 9872
Ion Ratio Lower Upper
43 100
58 30.5 23.8 35.6



#18
Methyl Acetate
Concen: 1.006 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

Tgt Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
74 21.3 19.0 28.6

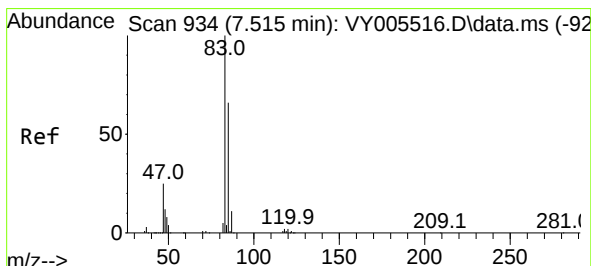
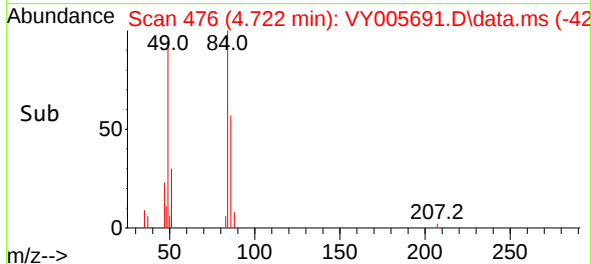
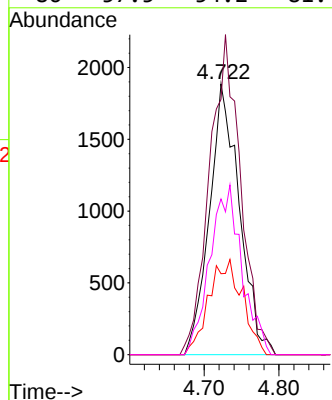
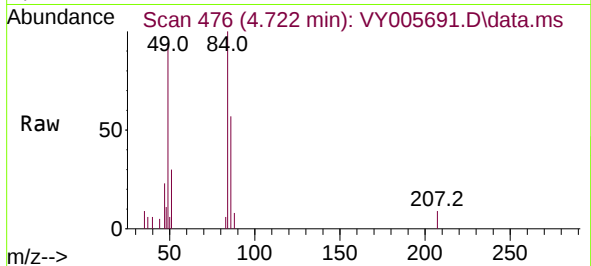




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

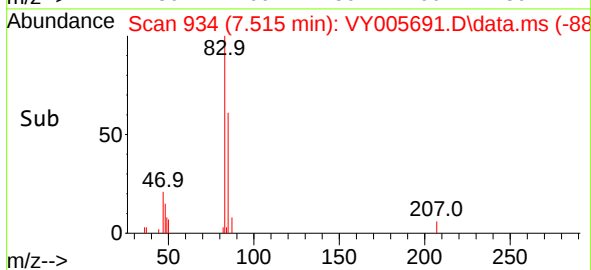
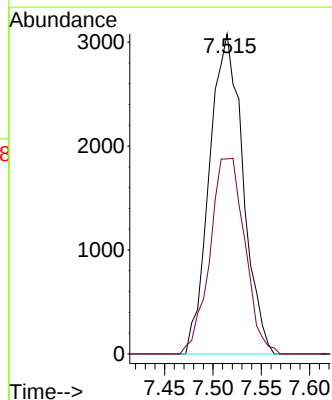
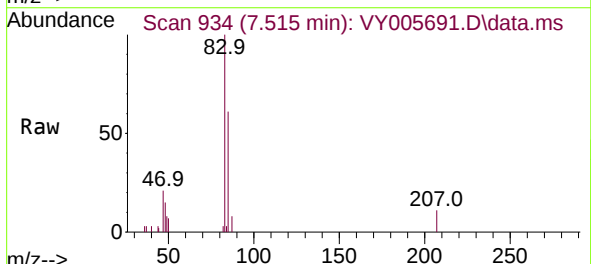
Instrument :
MSVOA_Y
ClientSampleId :
18S

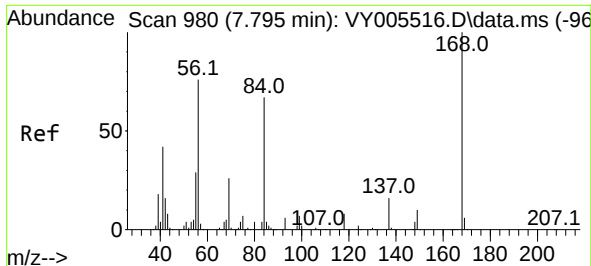
Tgt Ion:	84	Resp:	5259
Ion	Ratio	Lower	Upper
84	100		
49	94.3	105.8	158.6#
51	29.9	33.4	50.2#
86	57.5	54.2	81.4



#30
Chloroform
Concen: 2.210 ug/l
RT: 7.515 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

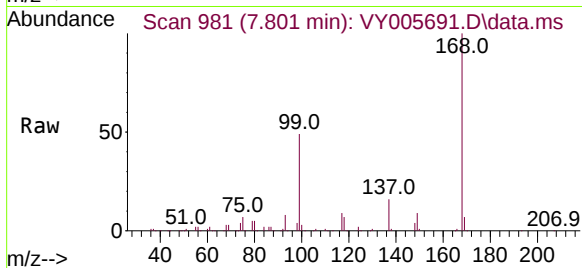
Tgt Ion:	83	Resp:	7405
Ion	Ratio	Lower	Upper
83	100		
85	60.9	52.7	79.1



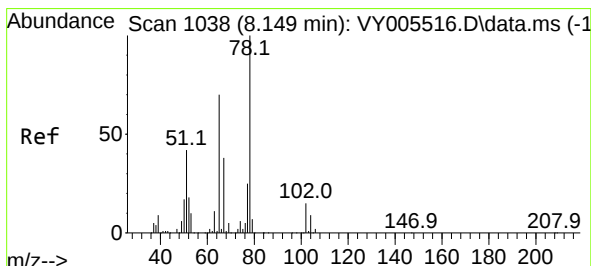
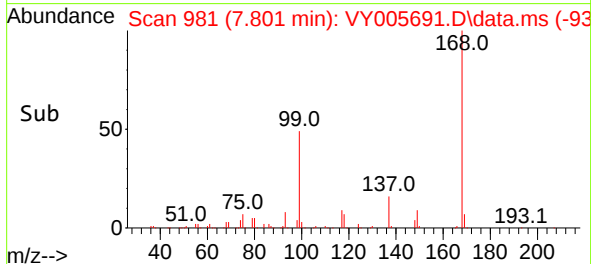
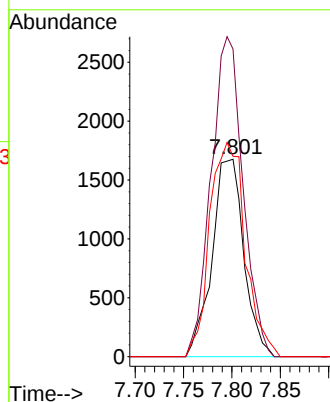


#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

Instrument :
MSVOA_Y
ClientSampled :
18S

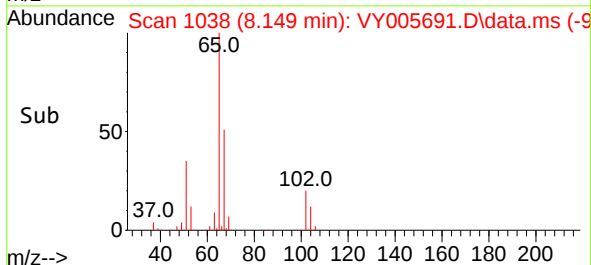
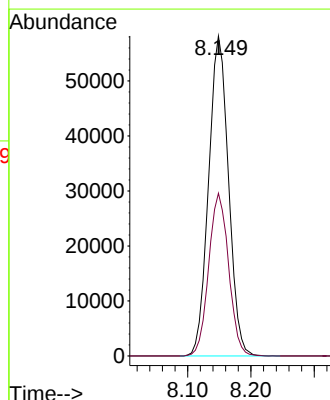
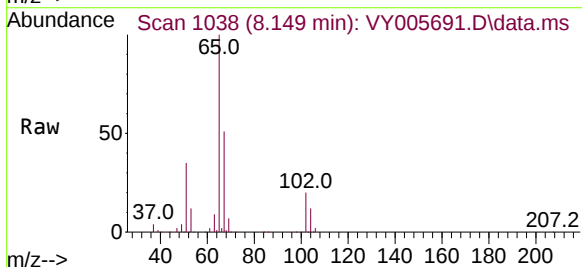


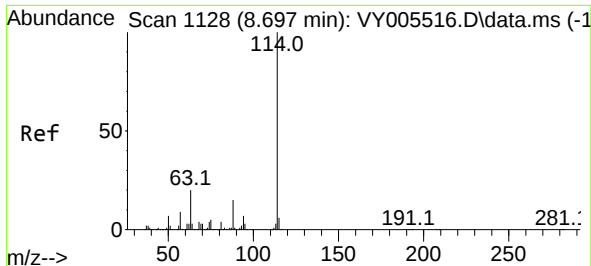
Tgt Ion: 56 Resp: 3830
Ion Ratio Lower Upper
56 100
69 155.9 27.7 41.5#
84 101.4 70.9 106.3



#33
1,2-Dichloroethane-d4
Concen: 66.034 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

Tgt Ion: 65 Resp: 127178
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4

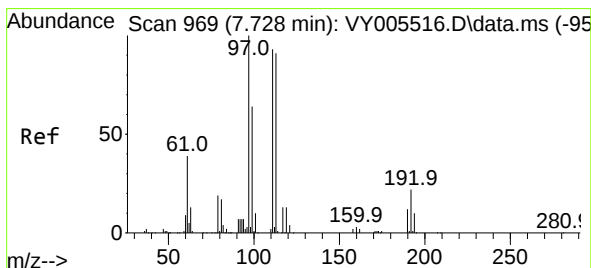
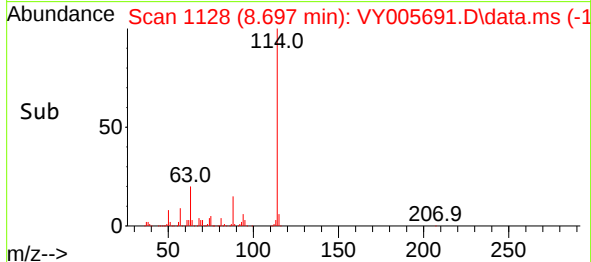
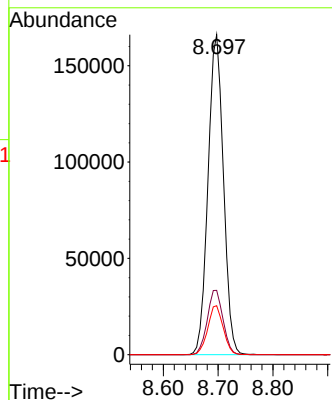
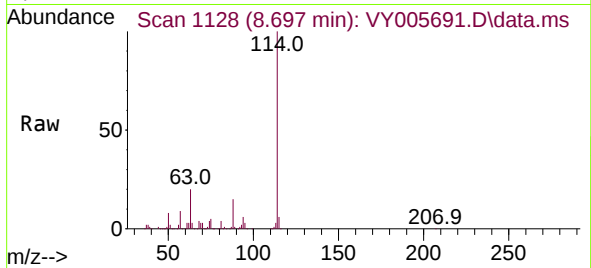




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

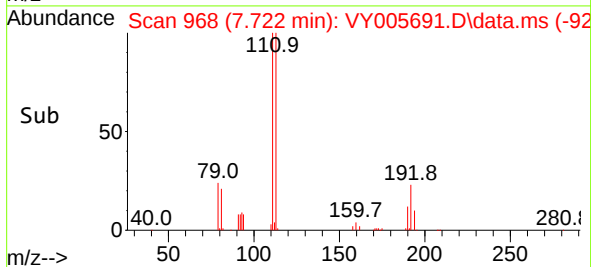
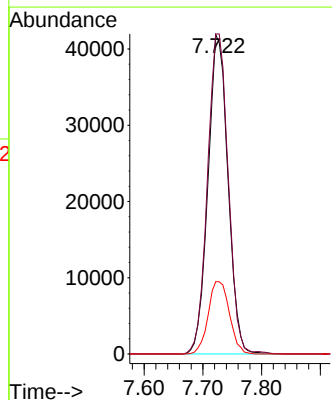
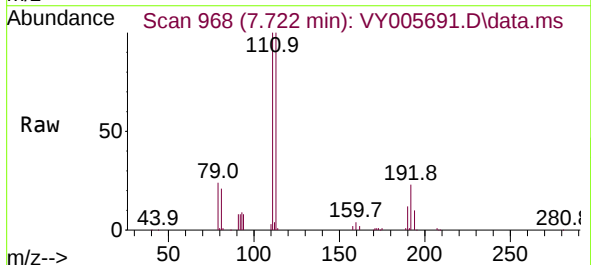
Instrument :
MSVOA_Y
ClientSampled :
18S

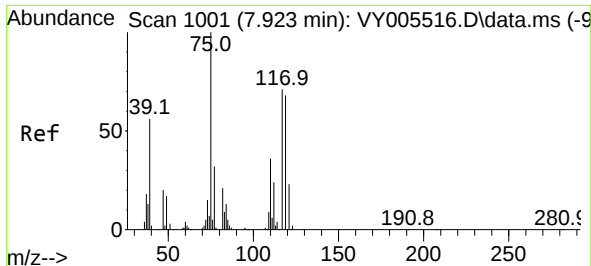
Tgt Ion:114 Resp: 322512
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.833 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

Tgt Ion:113 Resp: 99011
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 24.0 19.2 28.8

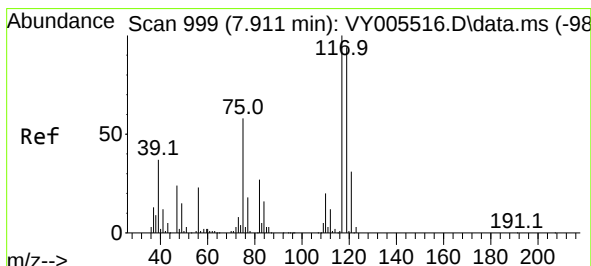
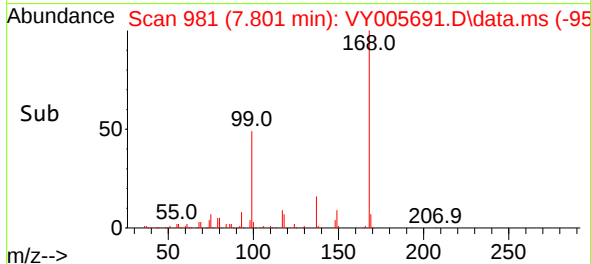
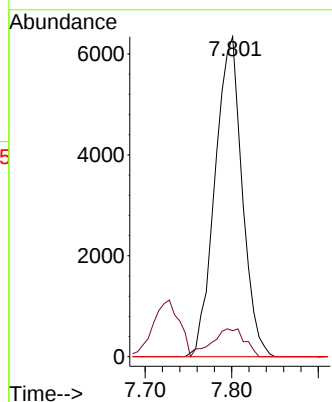
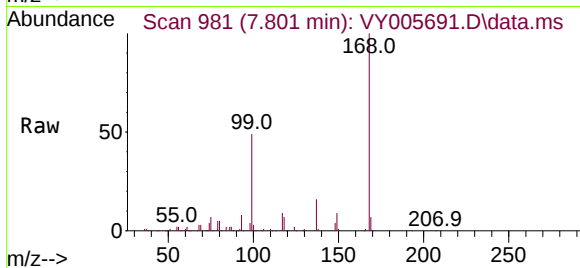




#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

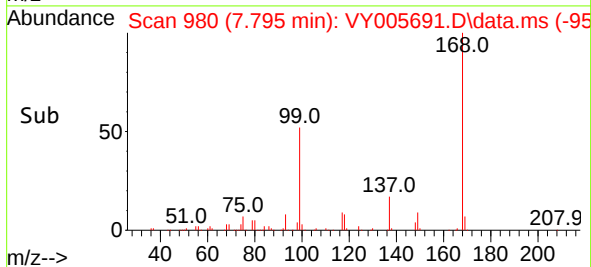
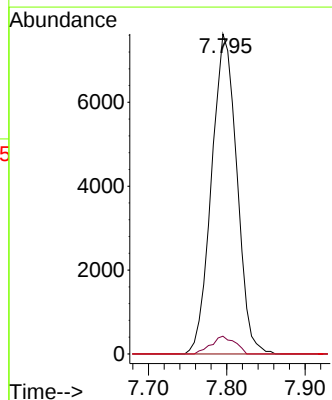
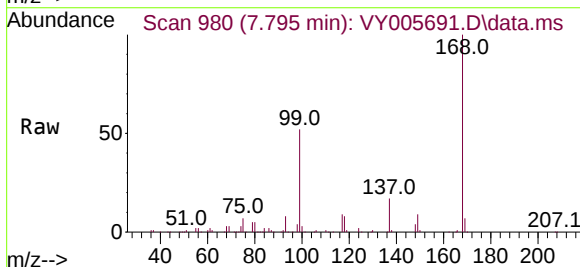
Instrument :
MSVOA_Y
ClientSampleId :
18S

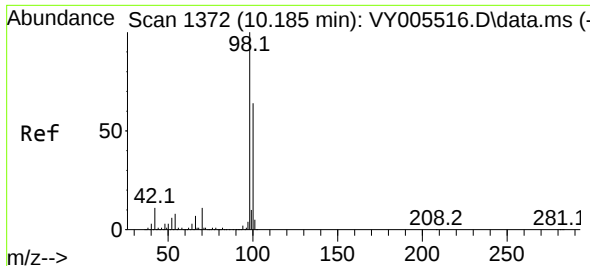
Tgt Ion: 75 Resp: 13786
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.211 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

Tgt Ion: 117 Resp: 17133
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.0#
121 0.0 25.1 37.7#

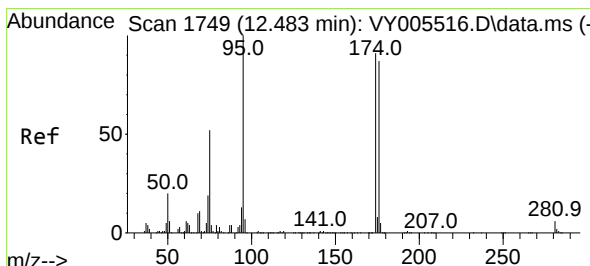
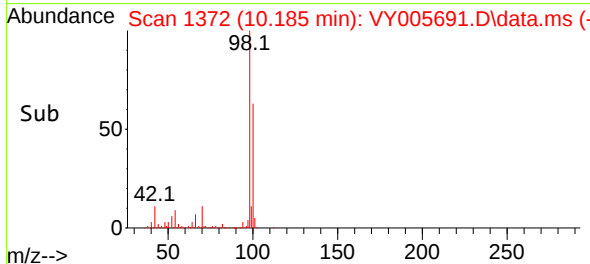
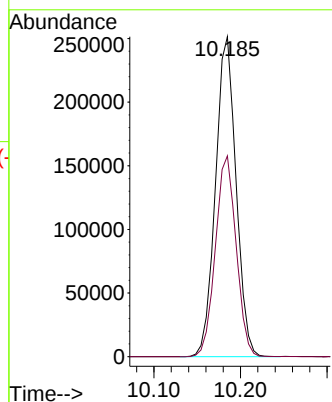
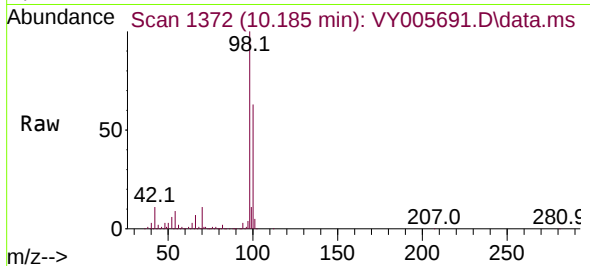




#50
Toluene-d8
Concen: 54.731 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

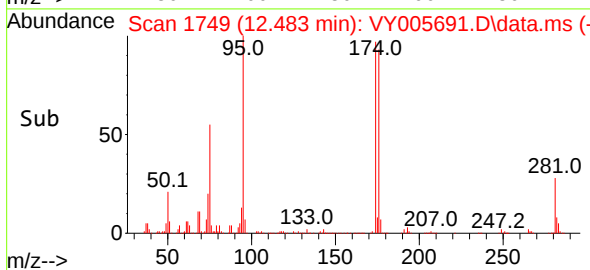
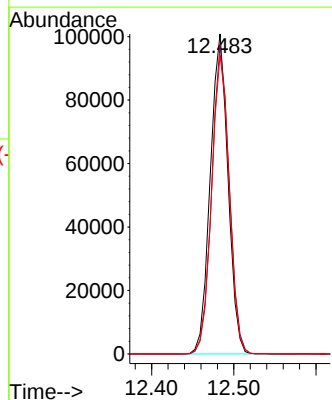
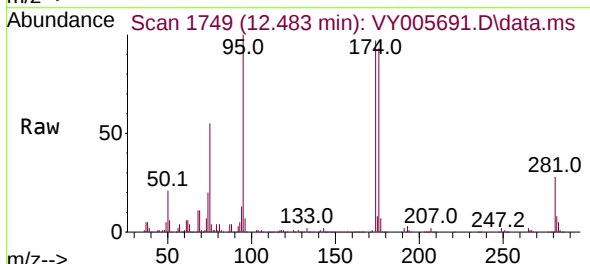
Instrument :
MSVOA_Y
ClientSampleId :
18S

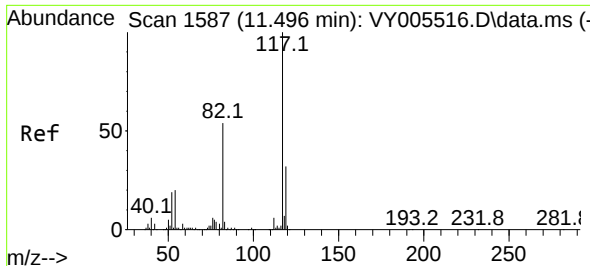
Tgt Ion: 98 Resp: 414471
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 60.123 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

Tgt Ion: 95 Resp: 150772
Ion Ratio Lower Upper
95 100
174 95.5 0.0 191.4
176 92.7 0.0 183.6

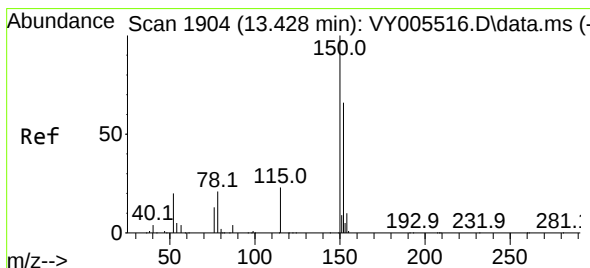
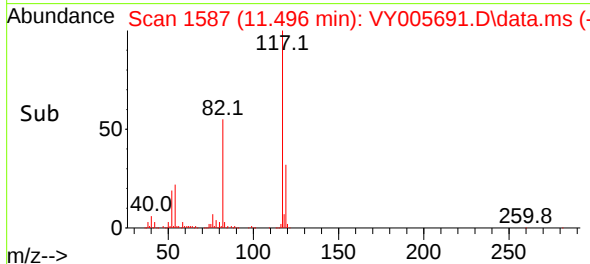
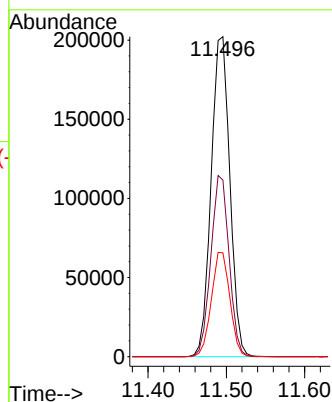
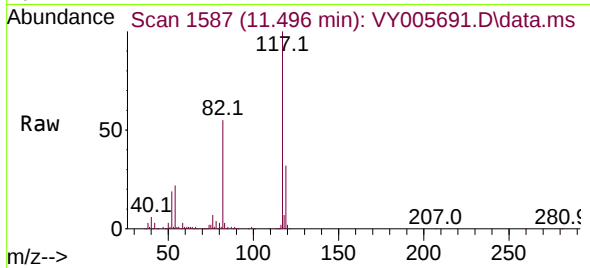




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

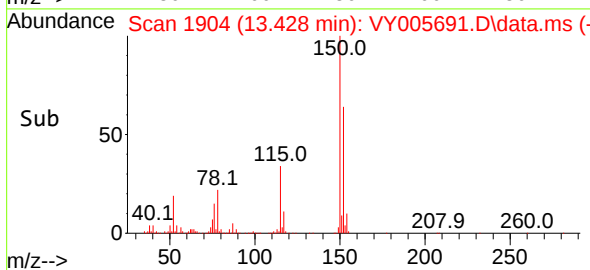
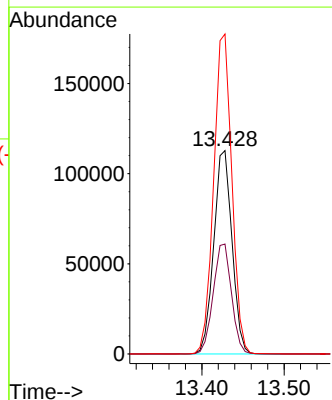
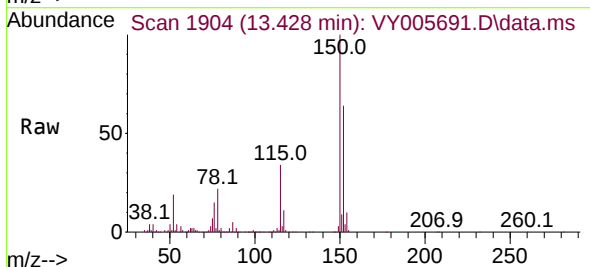
Instrument :
MSVOA_Y
ClientSampled :
18S

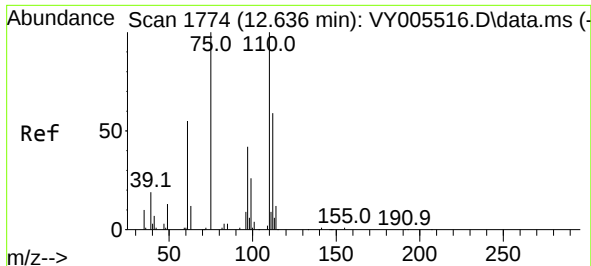
Tgt Ion:117 Resp: 335072
Ion Ratio Lower Upper
117 100
82 55.2 43.5 65.3
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

Tgt Ion:152 Resp: 173879
Ion Ratio Lower Upper
152 100
115 54.2 27.3 81.9
150 156.6 0.0 350.2

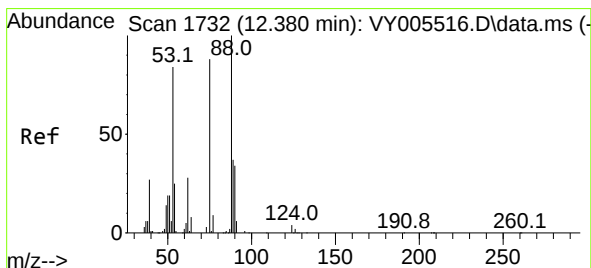
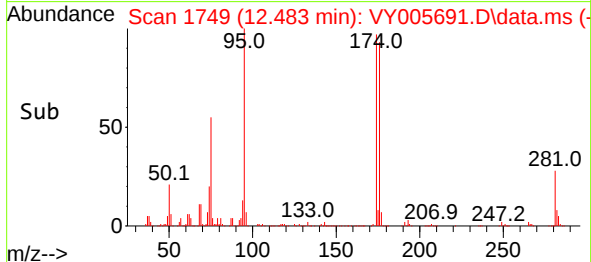
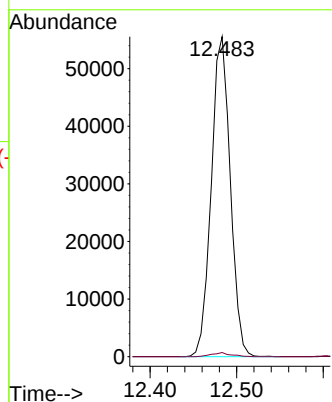
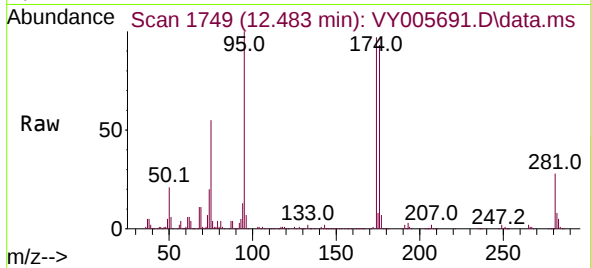




#76
1,2,3-Trichloropropane
Concen: 46.993 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

Instrument :
MSVOA_Y
ClientSampled :
18S

Tgt Ion: 75 Resp: 84676
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.732 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005691.D
Acq: 17 Aug 2021 00:48

Tgt Ion: 75 Resp: 84676
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.3 38.4 57.6#

