

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006071.D
 Acq On : 17 Sep 2021 15:37
 Operator : SY/MD
 Sample : M3775-02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2

Quant Time: Sep 20 01:41:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

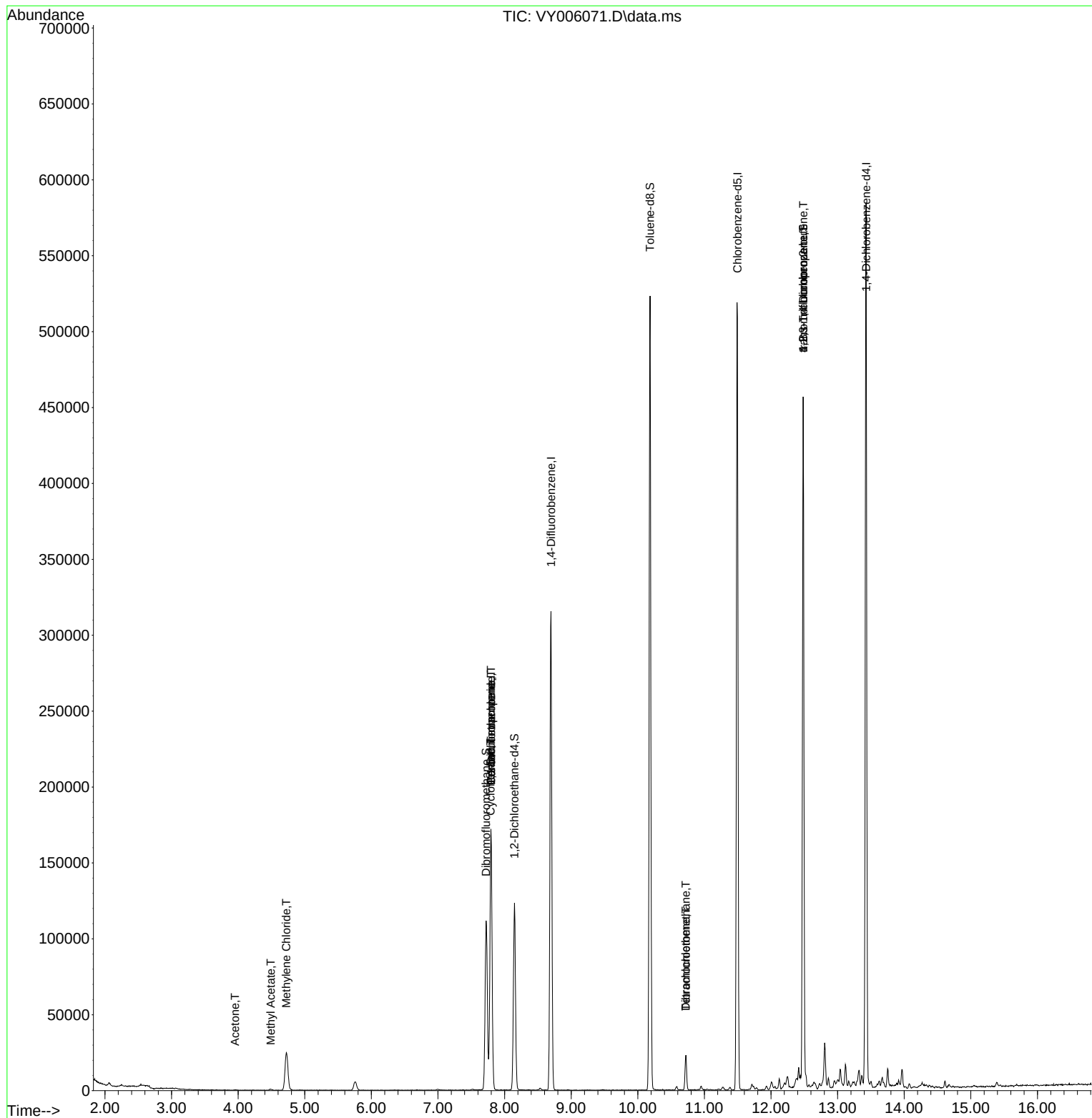
Internal Standards						
1) Pentafluorobenzene	7.795	168	129989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	248628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	270964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98847	54.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.480%	
35) Dibromofluoromethane	7.722	113	75120	48.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.280%	
50) Toluene-d8	10.185	98	326875	49.664	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.320%	
62) 4-Bromofluorobenzene	12.483	95	129836	58.102	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	163	Below Cal	#	77
16) Acetone	3.954	43	632	1.276	ug/l #	47
18) Methyl Acetate	4.491	43	1322	1.060	ug/l #	84
20) Methylene Chloride	4.722	84	17501	7.362	ug/l	96
31) Cyclohexane	7.789	56	3099	1.071	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	10155	3.784	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12995	4.448	ug/l #	16
60) Dibromochloromethane	10.721	129	4301	2.464	ug/l #	11
64) Tetrachloroethene	10.721	164	5120	2.310	ug/l	89
76) 1,2,3-Trichloropropane	12.483	75	73986	49.693	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73986	91.361	ug/l #	7

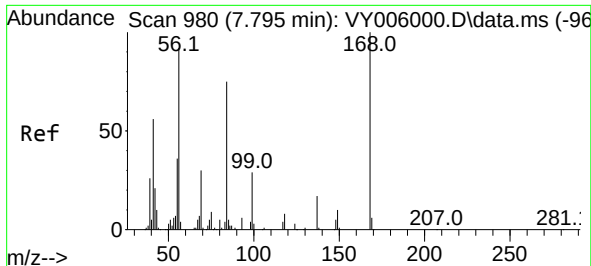
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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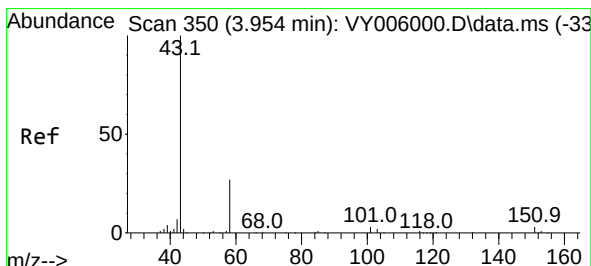
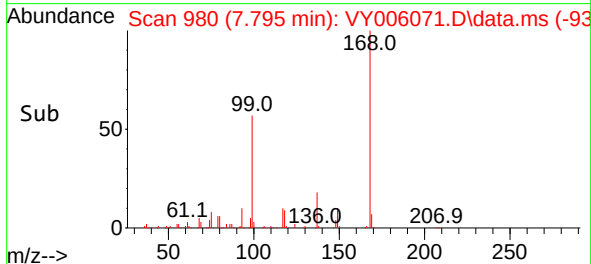
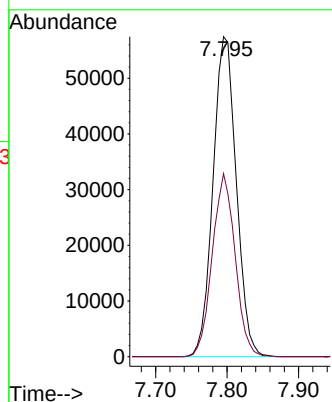
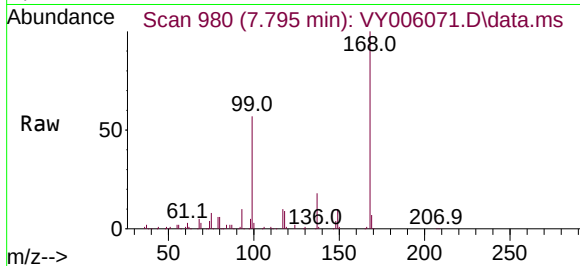




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

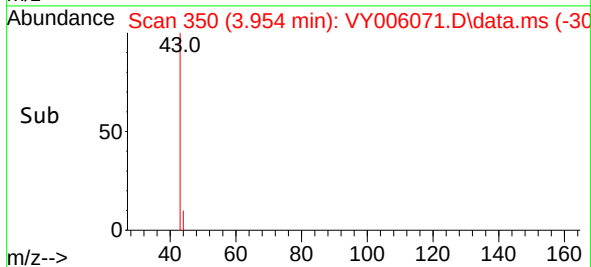
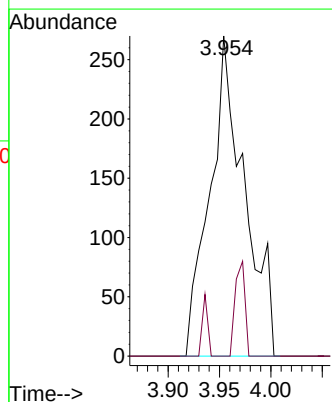
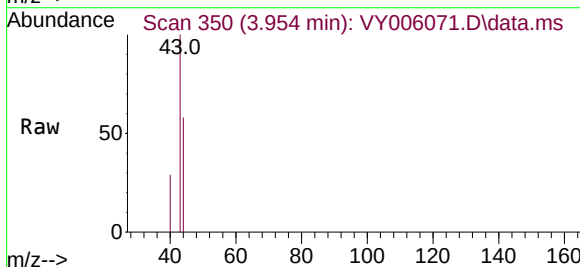
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

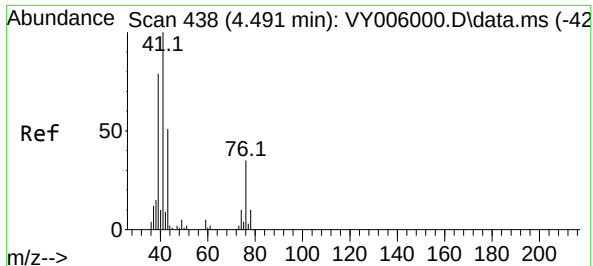
Tgt Ion:168 Resp: 129989
Ion Ratio Lower Upper
168 100
99 57.2 46.9 70.3



#16
Acetone
Concen: 1.276 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

Tgt Ion: 43 Resp: 632
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

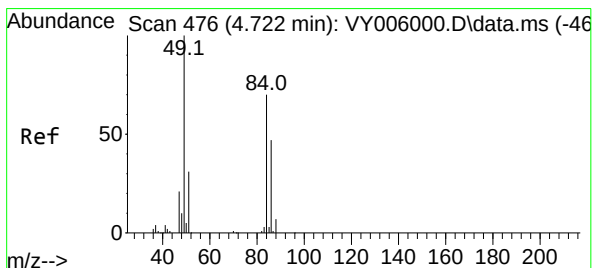
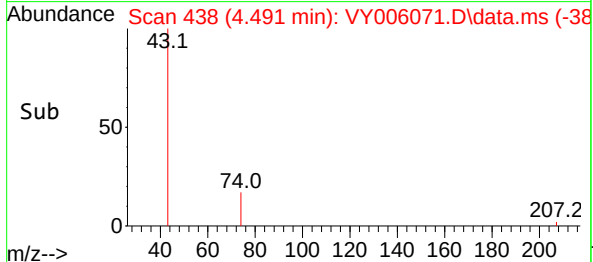
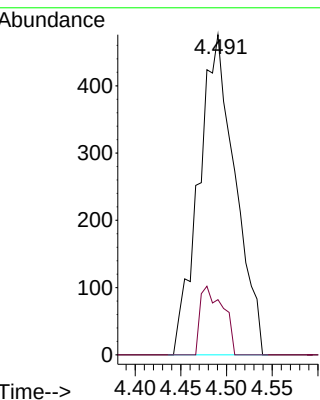
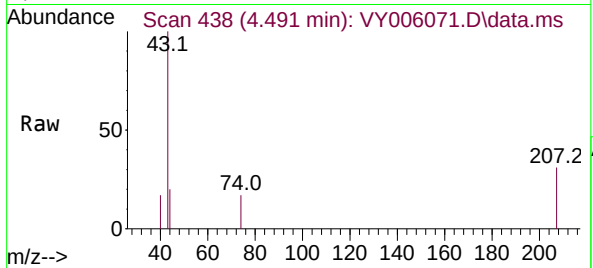




#18
Methyl Acetate
Concen: 1.060 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

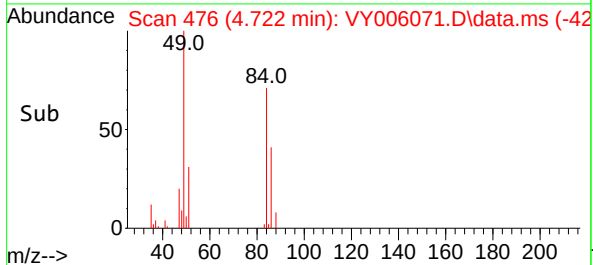
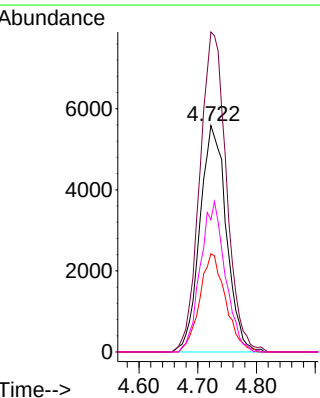
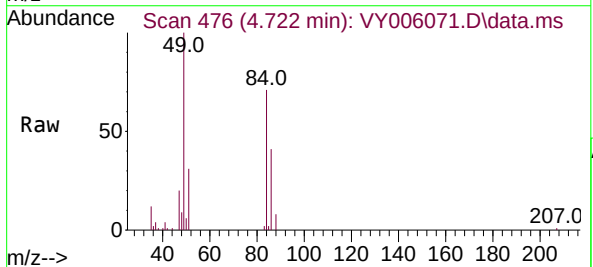
Instrument :
MSVOA_Y
ClientSampled :
PE-2

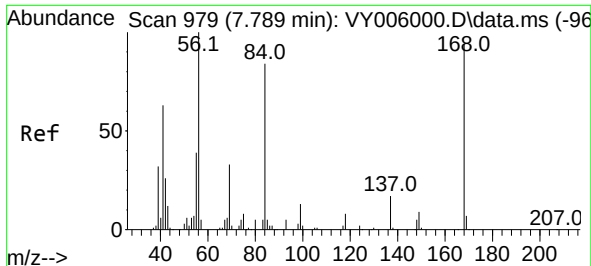
Tgt Ion: 43 Resp: 1322
Ion Ratio Lower Upper
43 100
74 13.4 16.6 24.8#



#20
Methylene Chloride
Concen: 7.362 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

Tgt Ion: 84 Resp: 17501
Ion Ratio Lower Upper
84 100
49 141.3 114.4 171.6
51 43.4 35.3 52.9
86 58.4 53.7 80.5

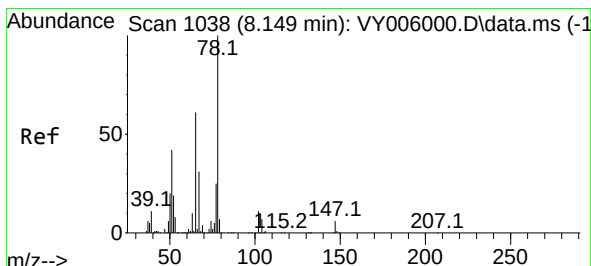
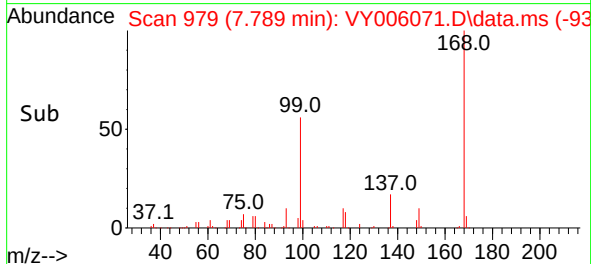
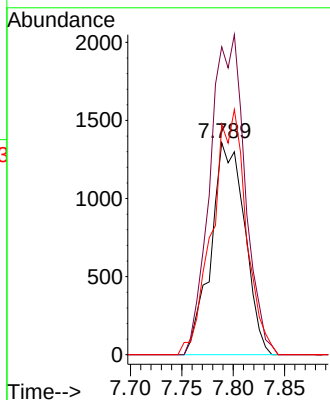
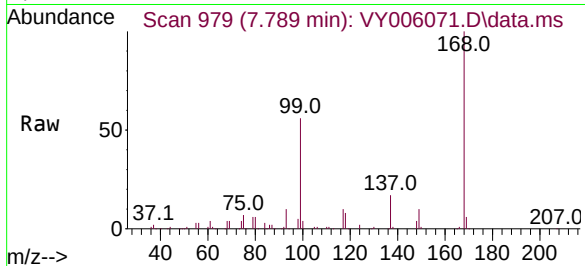




#31
Cyclohexane
Concen: 1.071 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

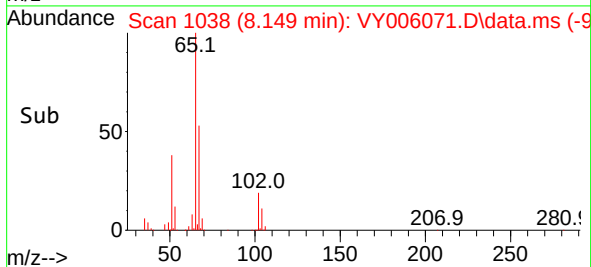
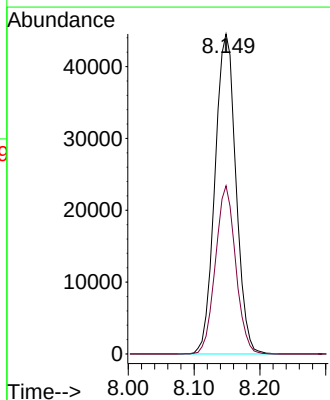
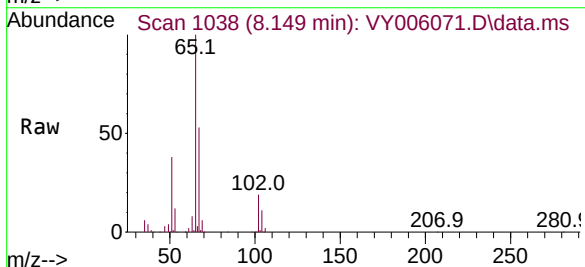
Instrument :
MSVOA_Y
ClientSampled :
PE-2

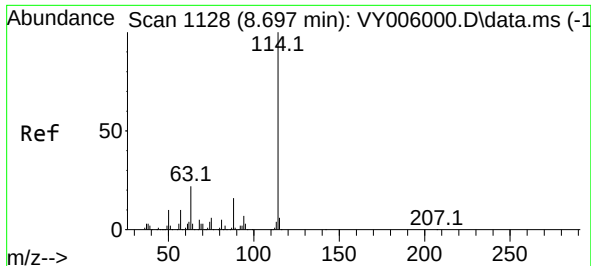
Tgt Ion: 56 Resp: 3099
Ion Ratio Lower Upper
56 100
69 145.1 26.7 40.1#
84 113.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.744 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

Tgt Ion: 65 Resp: 98847
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4

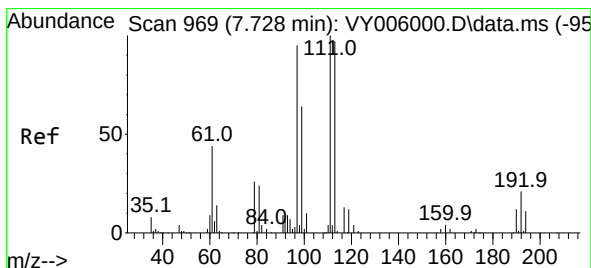
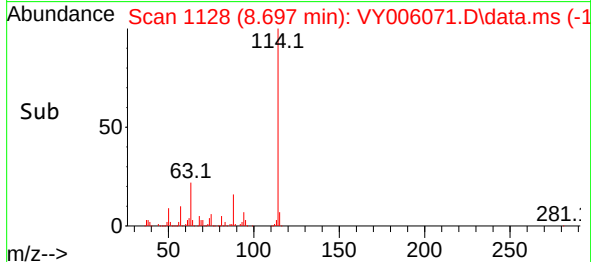
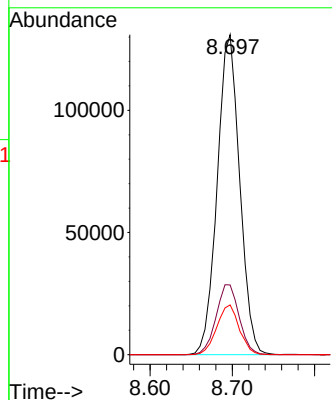
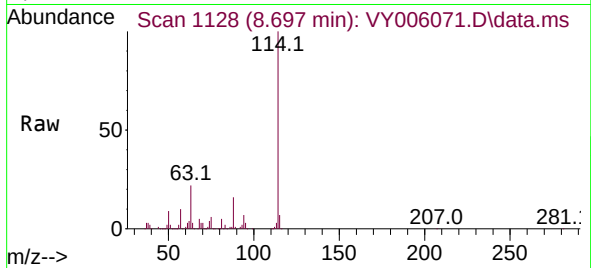




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

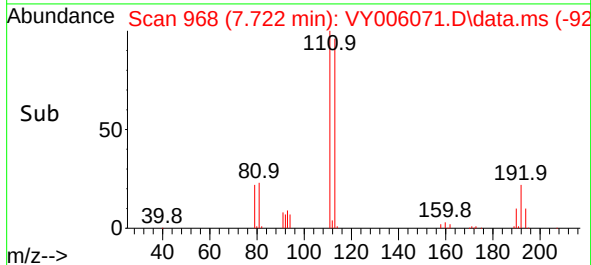
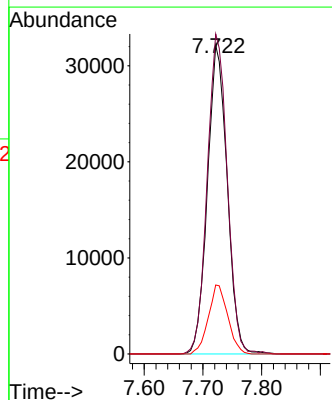
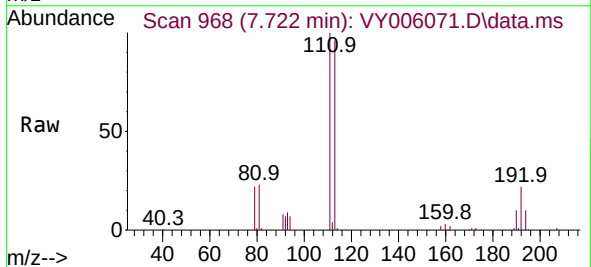
Instrument :
MSVOA_Y
ClientSampled :
PE-2

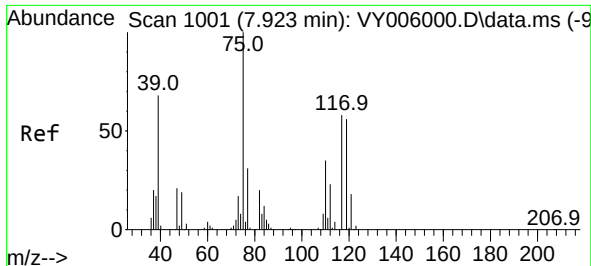
Tgt Ion:	114	Resp:	248628
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.2
88	15.6	0.0	31.8



#35
Dibromofluoromethane
Concen: 48.644 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

Tgt Ion:	113	Resp:	75120
Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.6	124.0
192	21.9	17.6	26.4

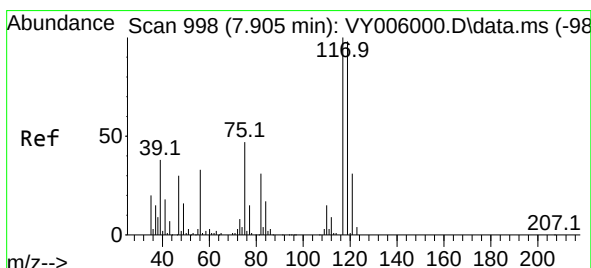
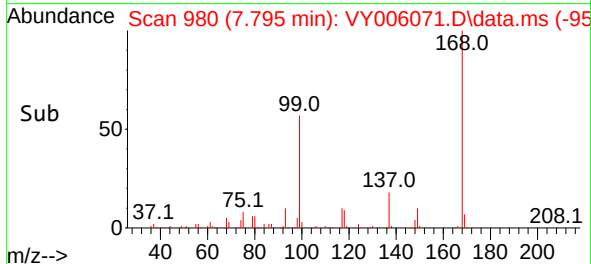
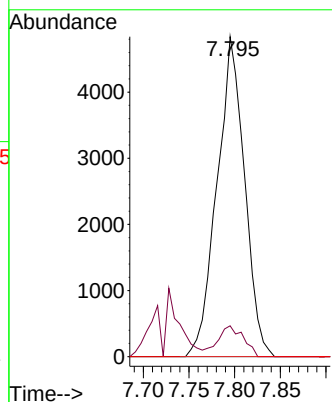
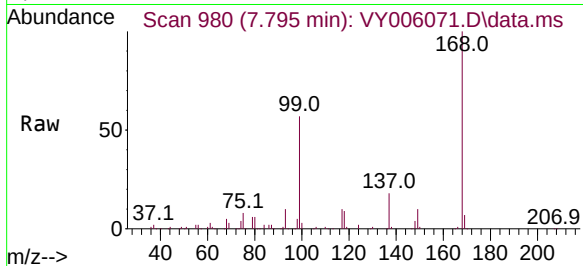




#36
1,1-Dichloropropene
Concen: 3.784 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

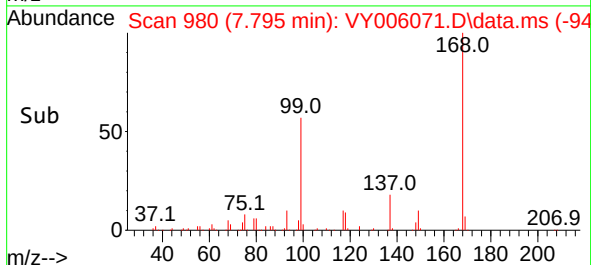
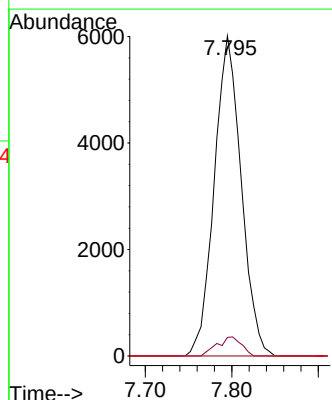
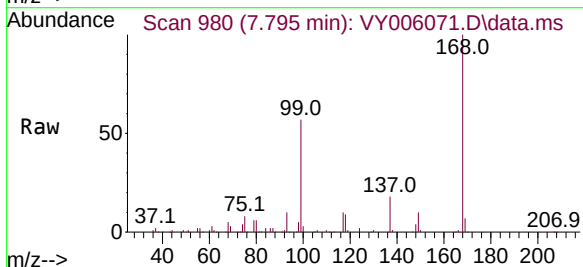
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

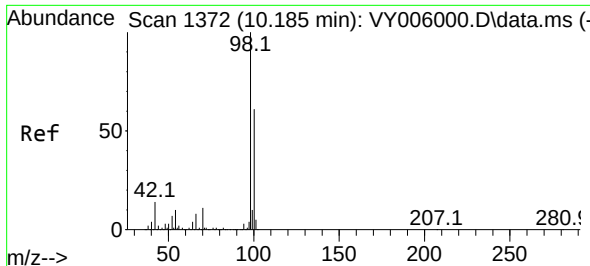
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.1	51.2#
77	0.0	24.4	36.6#



#38
Carbon Tetrachloride
Concen: 4.448 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.9	116.9#
121	0.0	24.8	37.2#

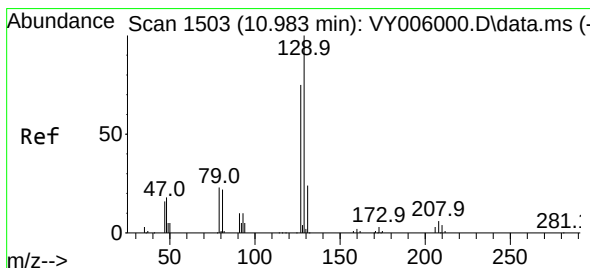
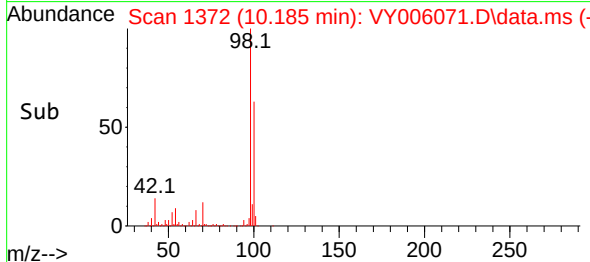
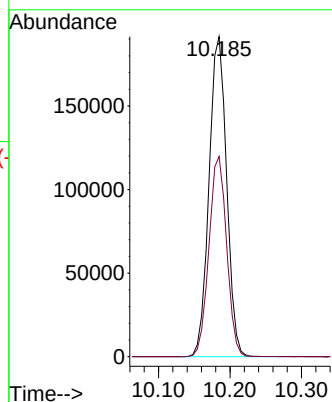
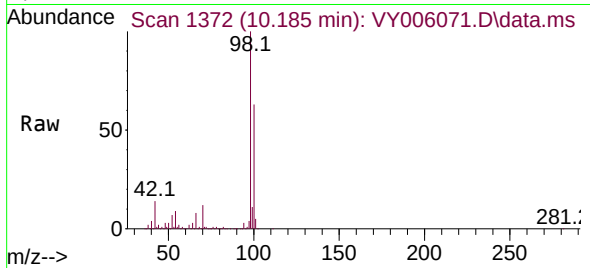




#50
Toluene-d8
Concen: 49.664 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

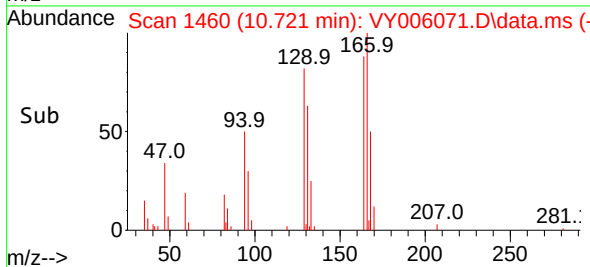
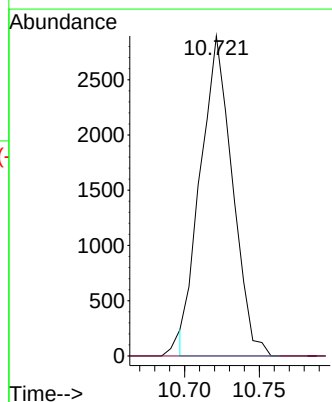
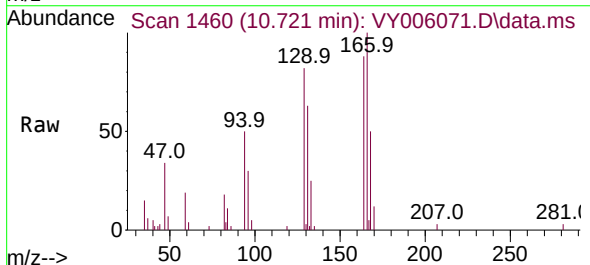
Instrument :
MSVOA_Y
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PE-2

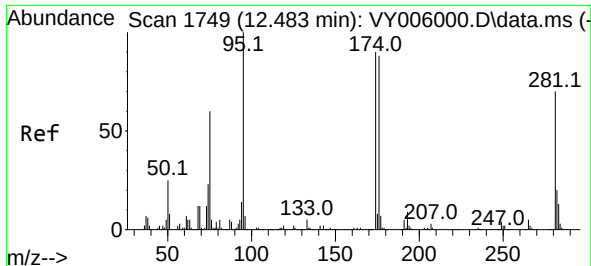
Tgt Ion: 98 Resp: 326875
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



#60
Dibromochloromethane
Concen: 2.464 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

Tgt Ion: 129 Resp: 4301
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

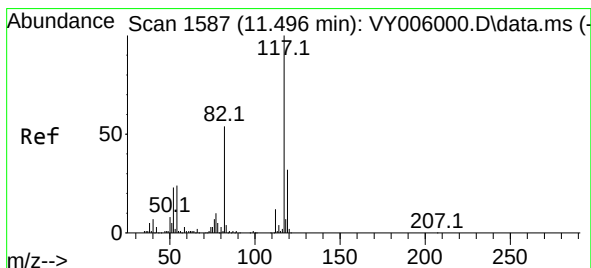
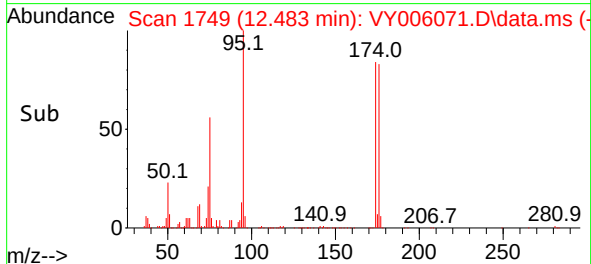
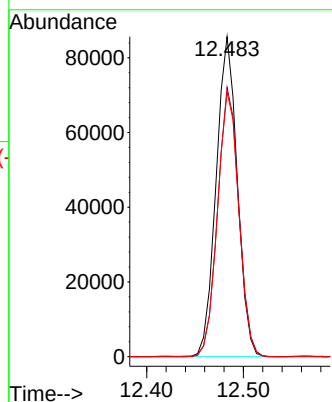
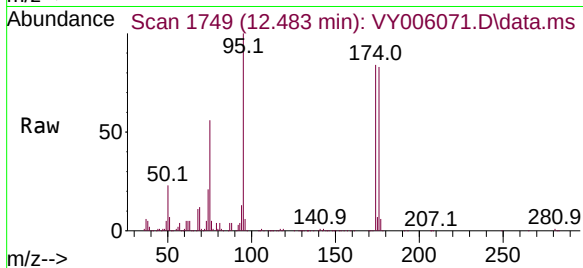




#62
4-Bromofluorobenzene
Concen: 58.102 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

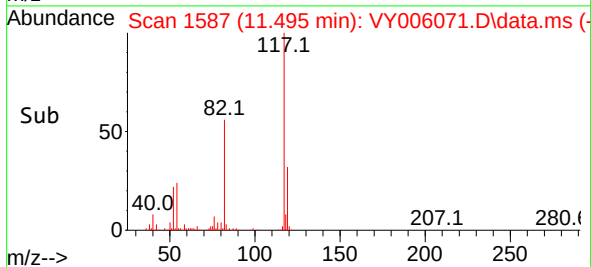
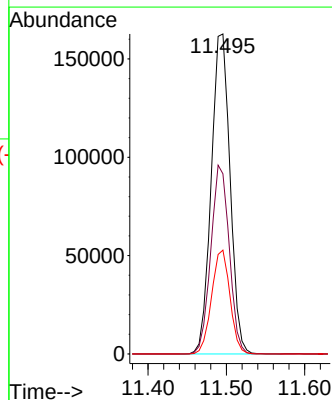
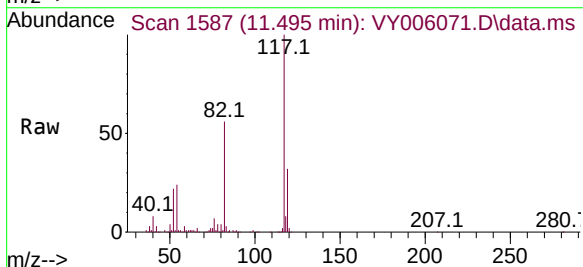
Instrument :
MSVOA_Y
ClientSampled :
PE-2

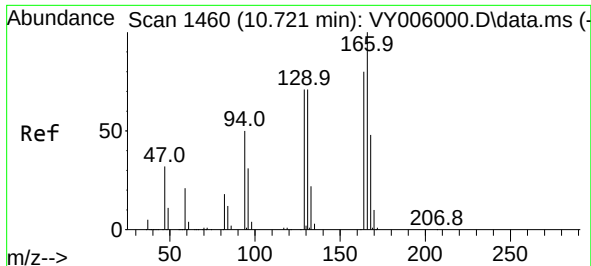
Tgt Ion: 95 Resp: 129836
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 83.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

Tgt Ion: 117 Resp: 270964
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 32.5 25.4 38.0



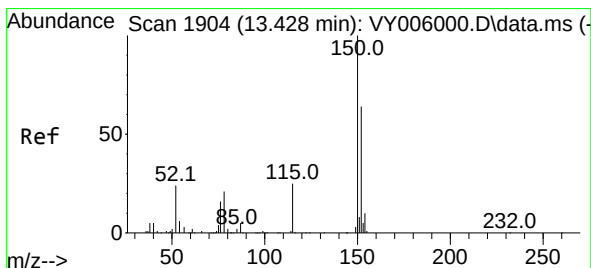
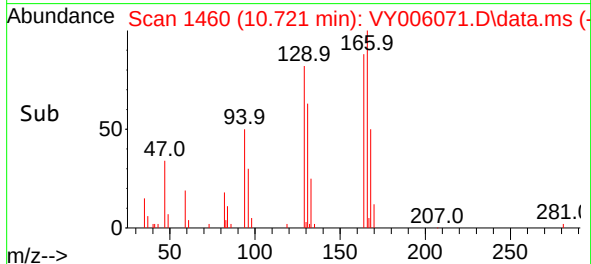
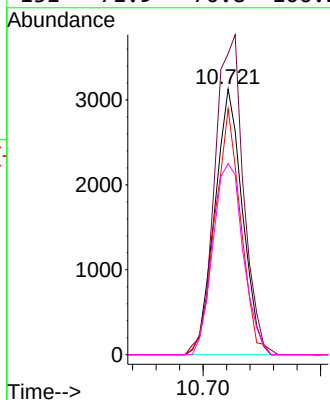
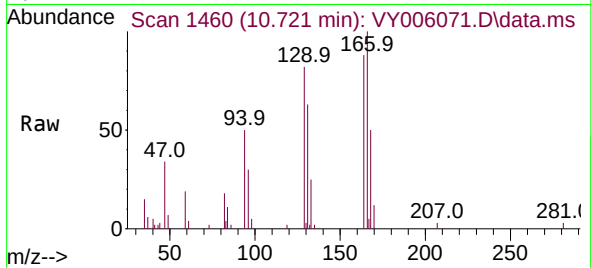


#64
Tetrachloroethene
Concen: 2.310 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

Tgt Ion:164 Resp: 5120

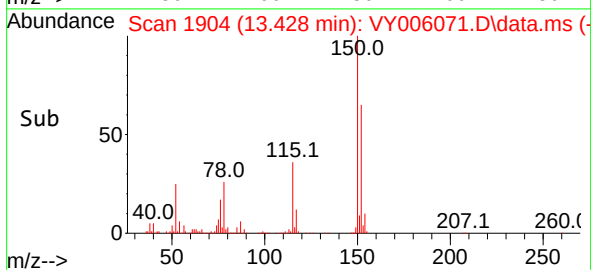
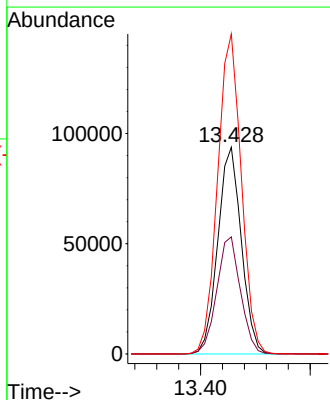
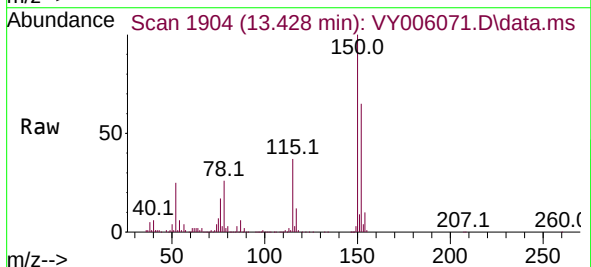
Ion	Ratio	Lower	Upper
164	100		
166	113.2	100.4	150.6
129	92.5	71.4	107.0
131	71.9	70.8	106.2

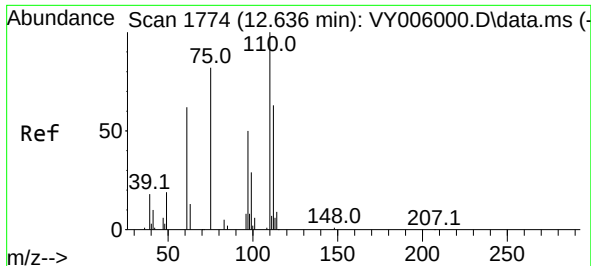


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

Tgt Ion:152 Resp: 139643

Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.2	84.7
150	156.1	0.0	347.6

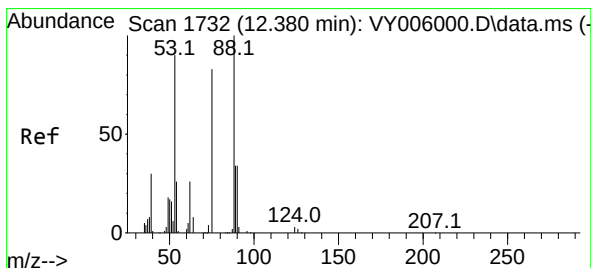
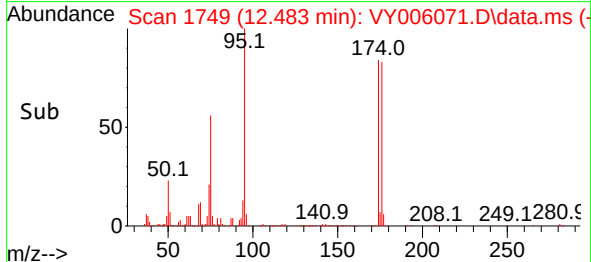
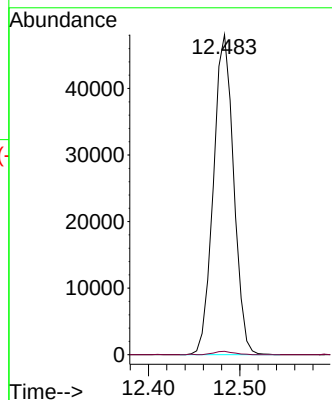
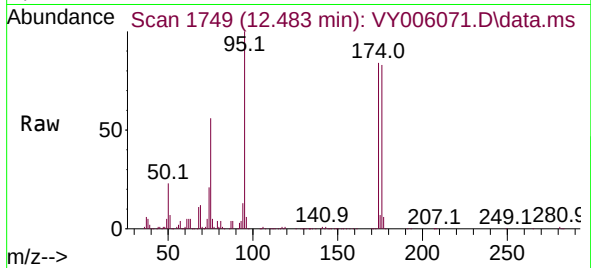




#76
1,2,3-Trichloropropane
Concen: 49.693 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

Instrument :
MSVOA_Y
ClientSampled :
PE-2

Tgt Ion: 75 Resp: 73986
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.361 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006071.D
Acq: 17 Sep 2021 15:37

Tgt Ion: 75 Resp: 73986
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

