

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005356.D
 Acq On : 02 Jul 2021 20:57
 Operator : SY/MD
 Sample : M2933-05
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5

Quant Time: Jul 05 01:09:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

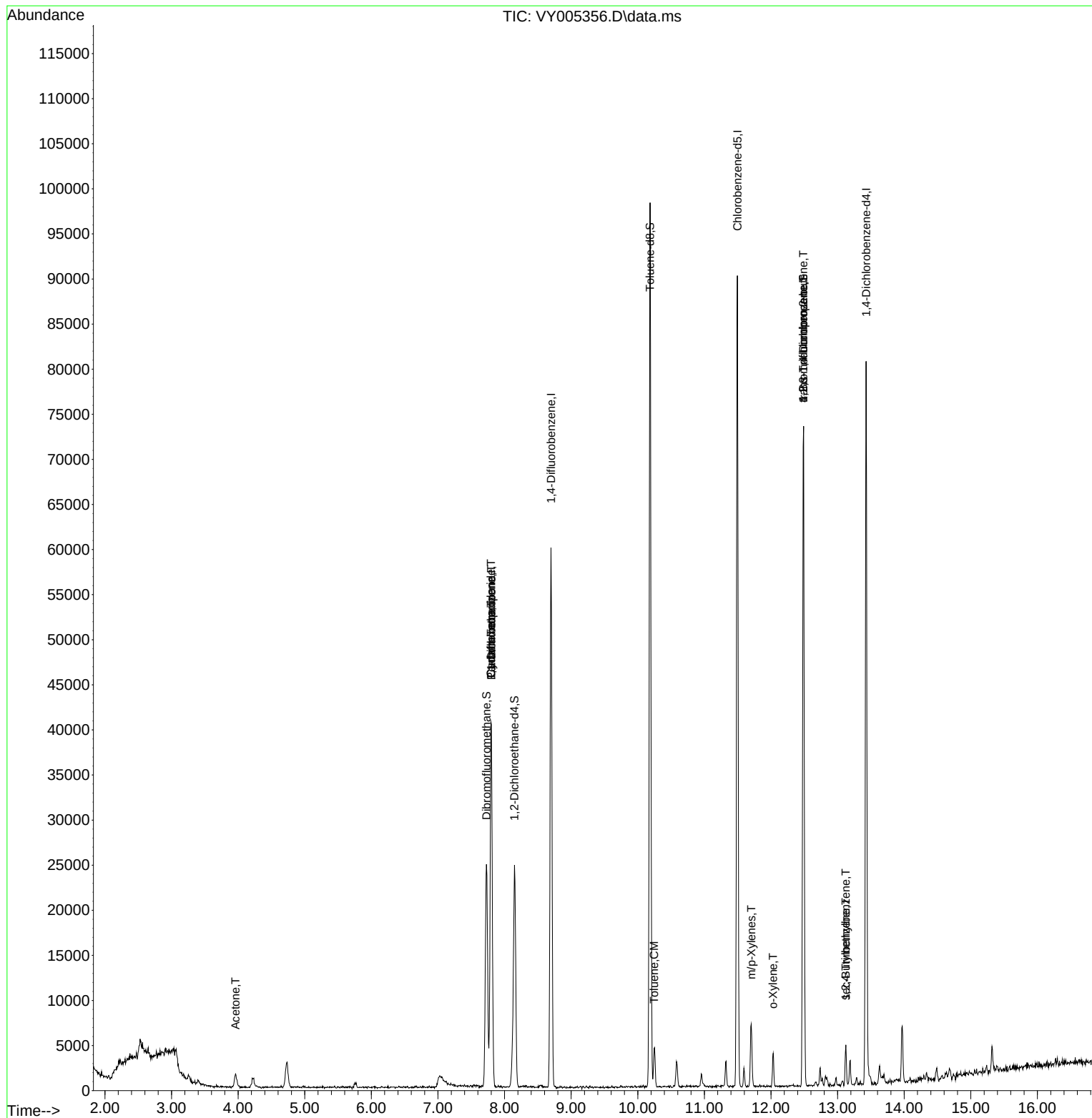
Internal Standards						
1) Pentafluorobenzene	7.801	168	34645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	52380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	50969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	18394	63.978	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.960%			
35) Dibromofluoromethane	7.728	113	17342	56.139	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.280%			
50) Toluene-d8	10.185	98	63684	51.550	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.100%			
62) 4-Bromofluorobenzene	12.483	95	17846	43.351	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.700%			
Target Compounds						
11) Tert butyl alcohol	4.979	59	130	Below Cal	#	77
16) Acetone	3.960	43	2659	40.035	ug/l	89
20) Methylene Chloride	4.735	84	2188	Below Cal		94
31) Cyclohexane	7.795	56	630	1.227	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	2400	5.203	ug/l #	45
38) Carbon Tetrachloride	7.795	117	2973	6.157	ug/l #	21
52) Toluene	10.246	92	2005	2.306	ug/l	94
68) m/p-Xylenes	11.703	106	2169	3.108	ug/l	96
69) o-Xylene	12.032	106	1028	1.556	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	9462	49.999	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9462	93.286	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.123	105	2439	2.155	ug/l	99
85) sec-Butylbenzene	13.123	105	2439	1.642	ug/l #	54

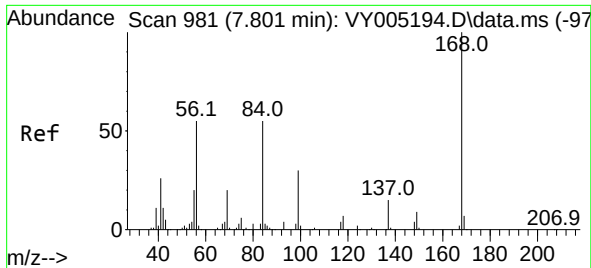
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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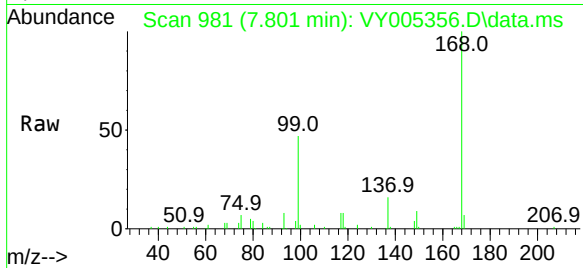
Quant Time: Jul 05 01:09:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
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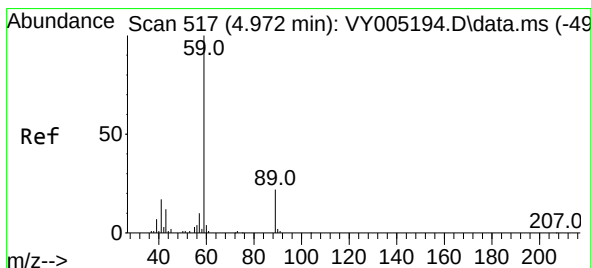
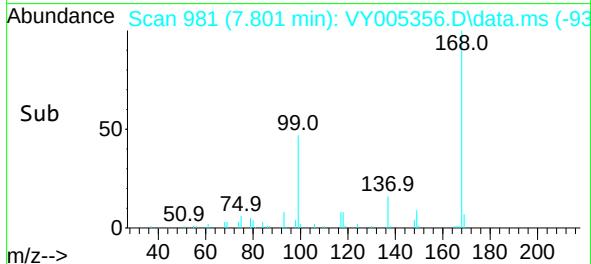
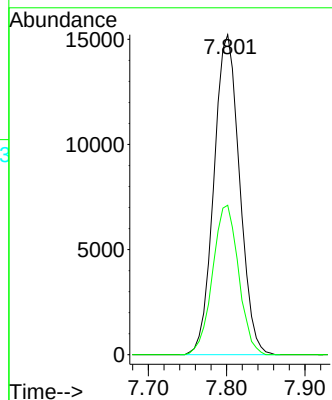


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

Instrument :
MSVOA_Y
ClientSampled :
5

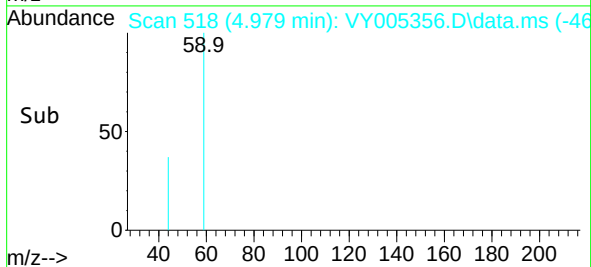
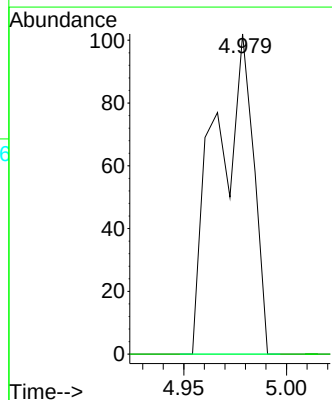
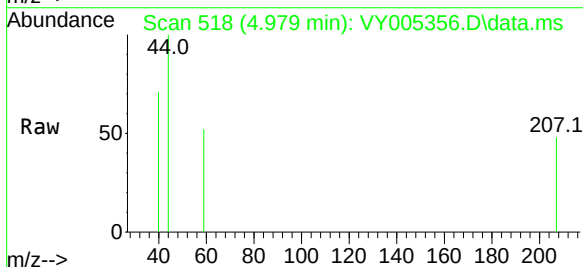


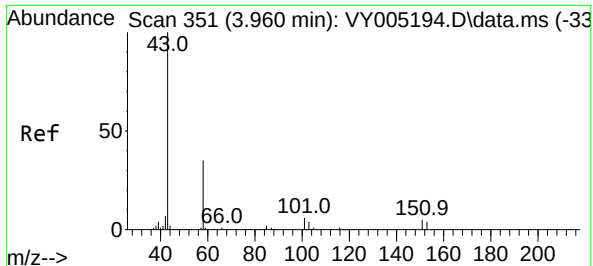
Tgt Ion:168 Resp: 34645
Ion Ratio Lower Upper
168 100
99 46.7 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.979 min Scan# 518
Delta R.T. 0.007 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

Tgt Ion: 59 Resp: 130
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

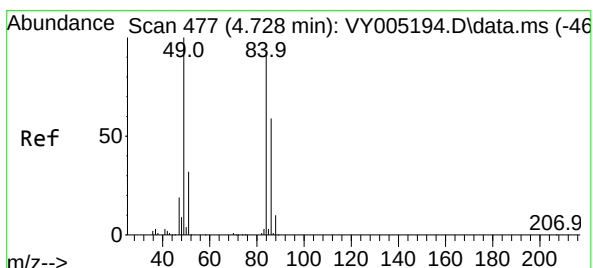
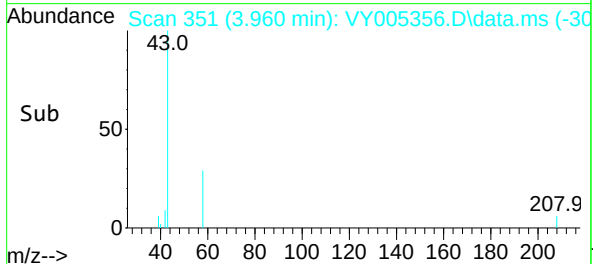
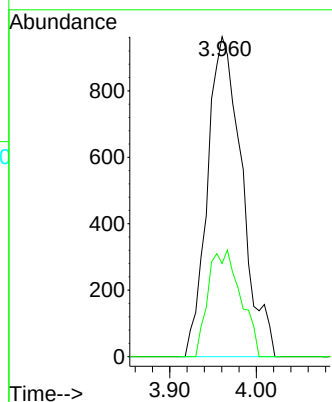
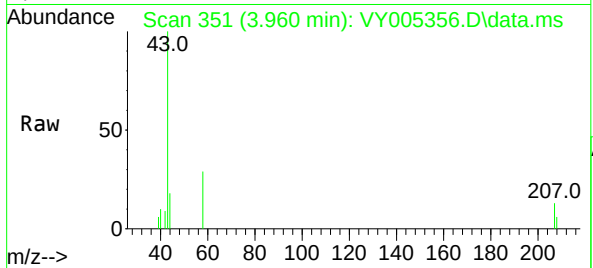




#16
Acetone
Concen: 40.035 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

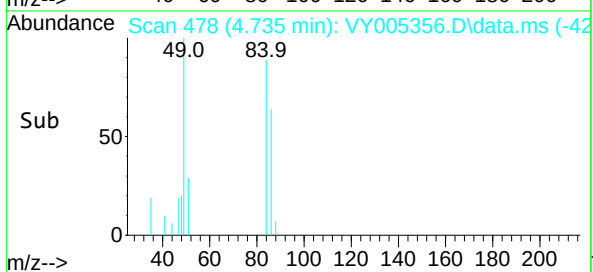
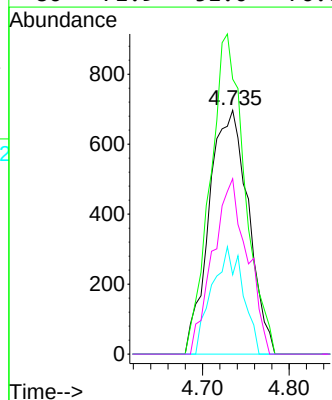
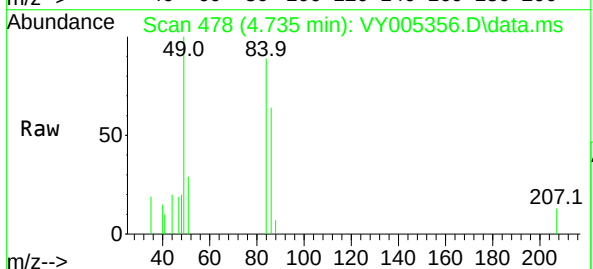
Instrument :
MSVOA_Y
ClientSampleId :
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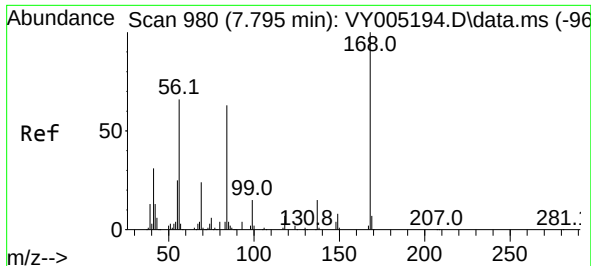
Tgt Ion: 43 Resp: 2659
Ion Ratio Lower Upper
43 100
58 29.1 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

Tgt Ion: 84 Resp: 2188
Ion Ratio Lower Upper
84 100
49 112.8 86.9 130.3
51 32.6 27.4 41.2
86 71.9 51.0 76.6

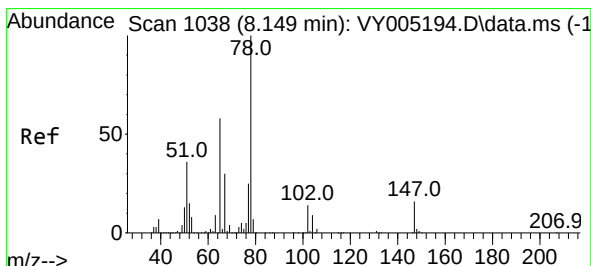
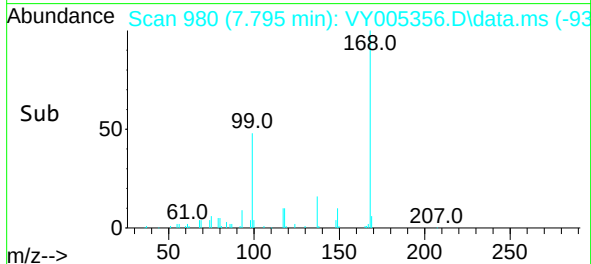
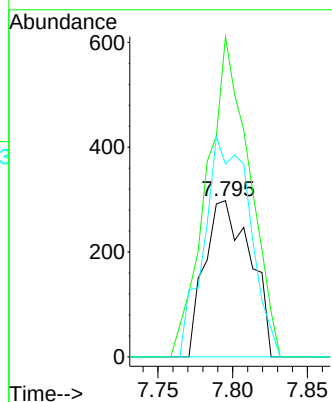
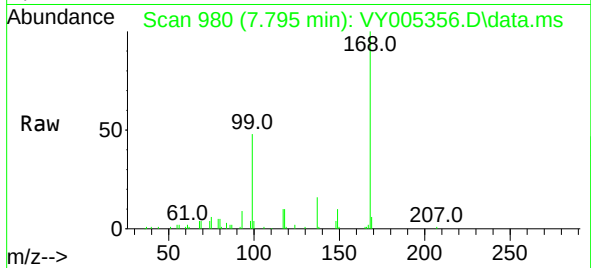




#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

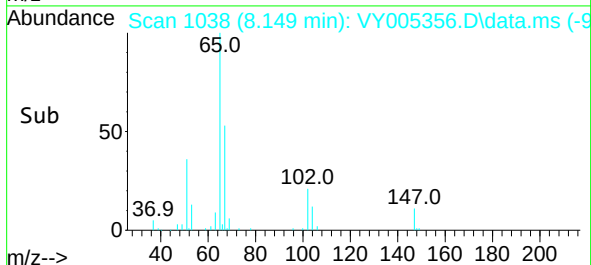
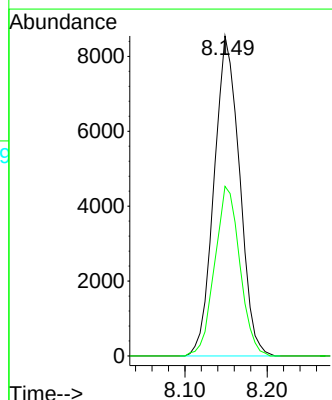
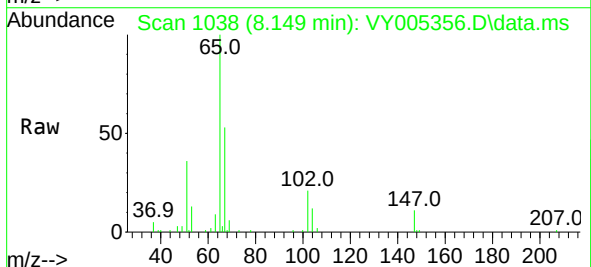
Instrument :
MSVOA_Y
ClientSampleId :
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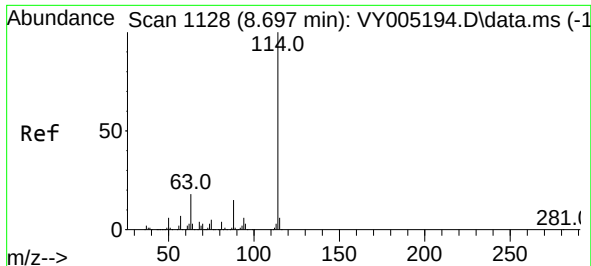
Tgt Ion: 56 Resp: 630
Ion Ratio Lower Upper
56 100
69 205.0 29.6 44.4#
84 123.5 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 63.978 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

Tgt Ion: 65 Resp: 18394
Ion Ratio Lower Upper
65 100
67 52.4 0.0 110.6

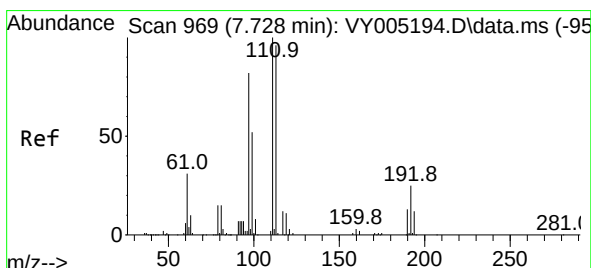
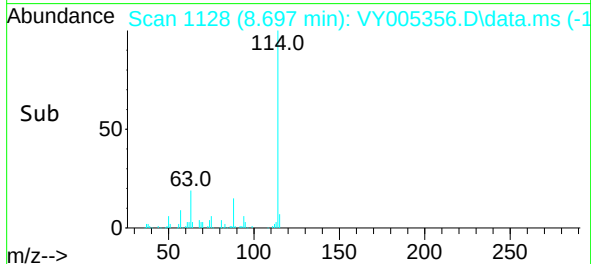
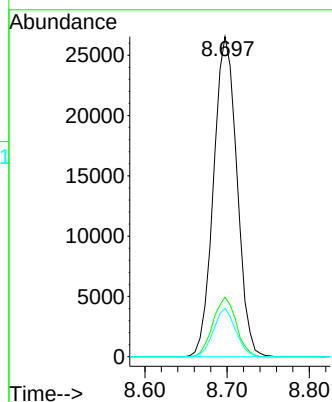
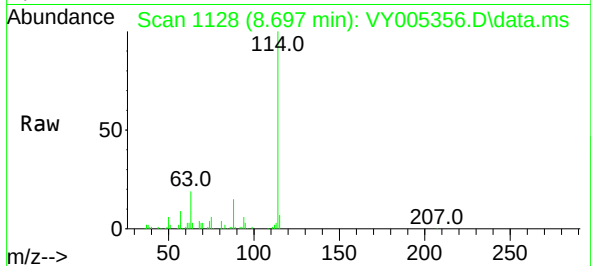




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

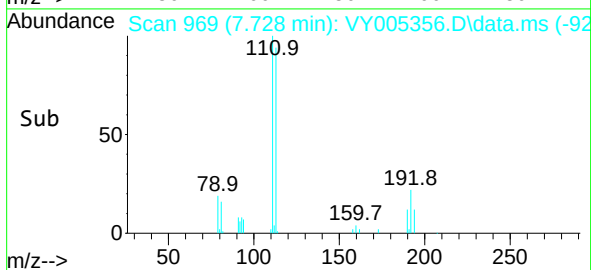
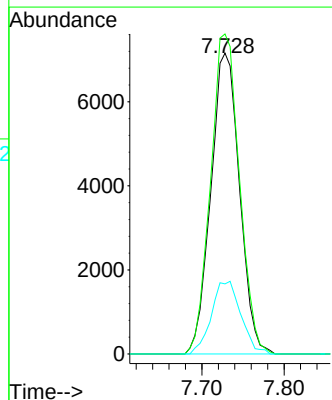
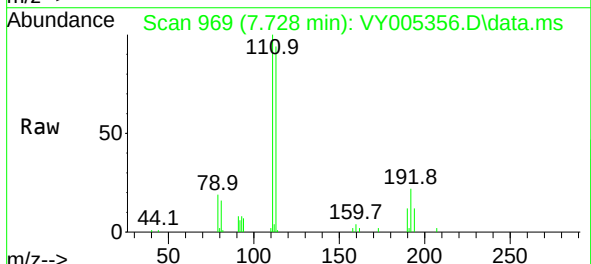
Instrument :
MSVOA_Y
ClientSampled :
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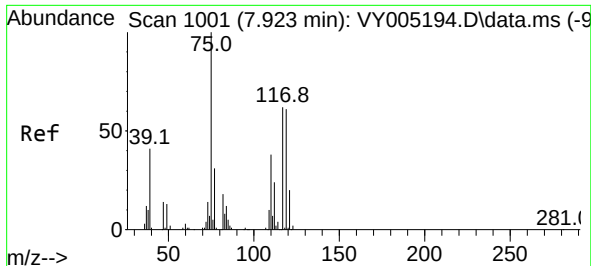
Tgt Ion:	114	Resp:	52380
Ion Ratio	Lower	Upper	
114	100		
63	18.6	0.0	35.2
88	15.1	0.0	29.4



#35
Dibromofluoromethane
Concen: 56.139 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

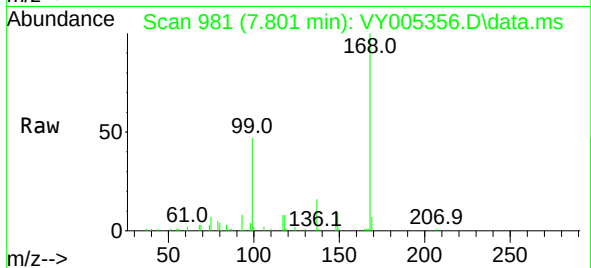
Tgt Ion:	113	Resp:	17342
Ion Ratio	Lower	Upper	
113	100		
111	106.9	82.6	124.0
192	24.8	20.2	30.2



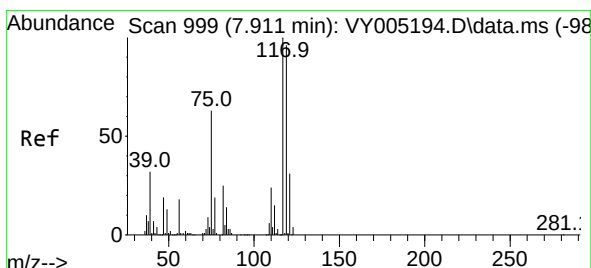
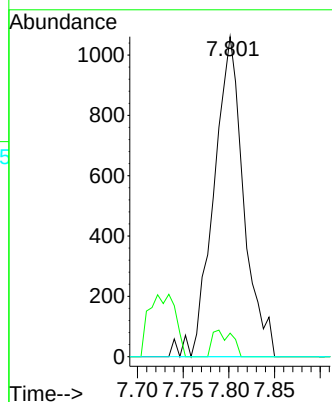
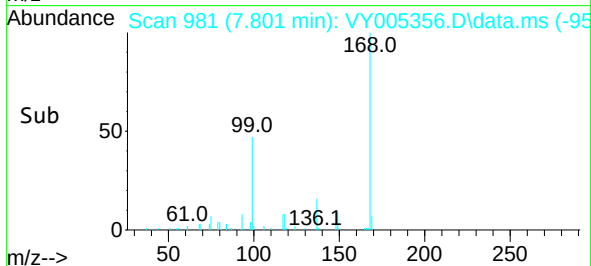


#36
1,1-Dichloropropene
Concen: 5.203 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

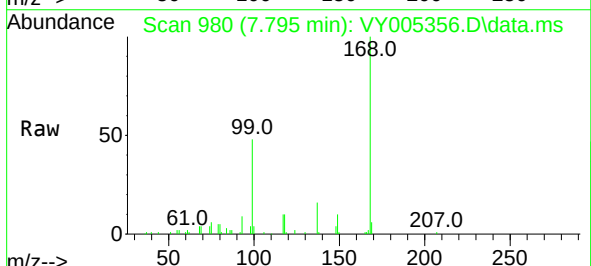
Instrument :
MSVOA_Y
ClientSampled :
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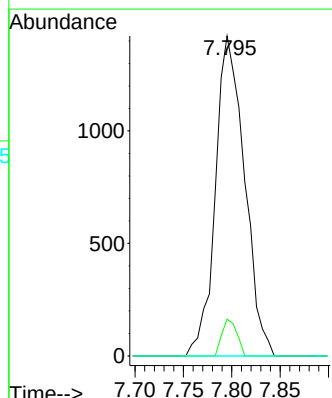
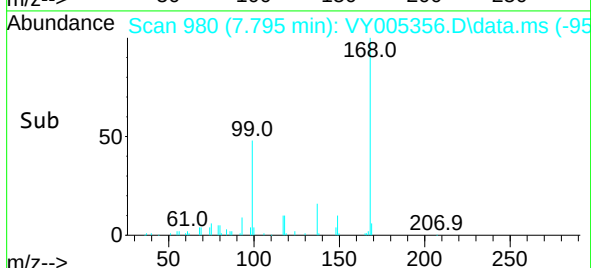
Tgt Ion: 75 Resp: 2400
Ion Ratio Lower Upper
75 100
110 5.5 19.1 57.5#
77 0.0 25.2 37.8#

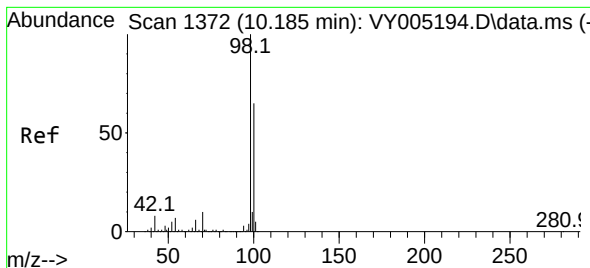


#38
Carbon Tetrachloride
Concen: 6.157 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57



Tgt Ion: 117 Resp: 2973
Ion Ratio Lower Upper
117 100
119 11.5 76.2 114.4#
121 0.0 24.7 37.1#

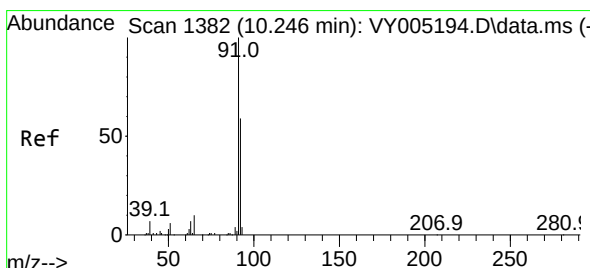
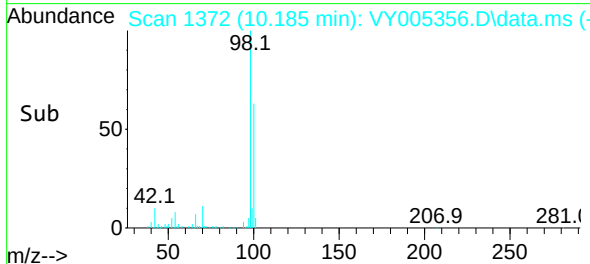
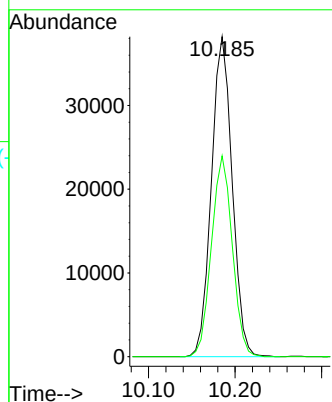
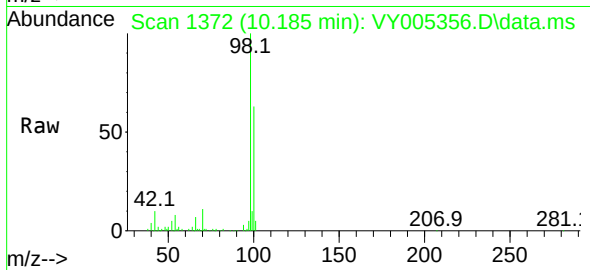




#50
Toluene-d8
Concen: 51.550 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

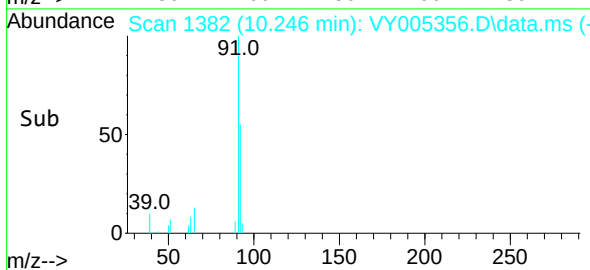
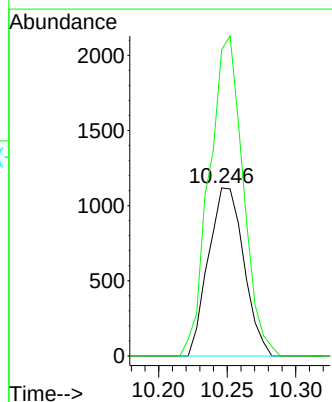
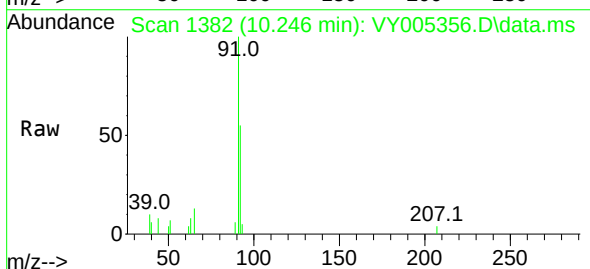
Instrument :
MSVOA_Y
ClientSampled :
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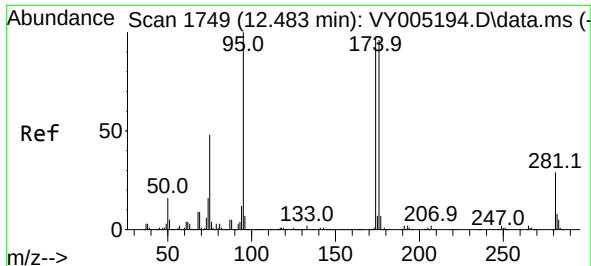
Tgt Ion: 98 Resp: 63684
Ion Ratio Lower Upper
98 100
100 63.0 51.9 77.9



#52
Toluene
Concen: 2.306 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

Tgt Ion: 92 Resp: 2005
Ion Ratio Lower Upper
92 100
91 181.8 138.3 207.5

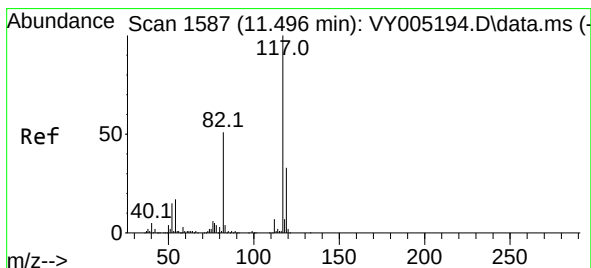
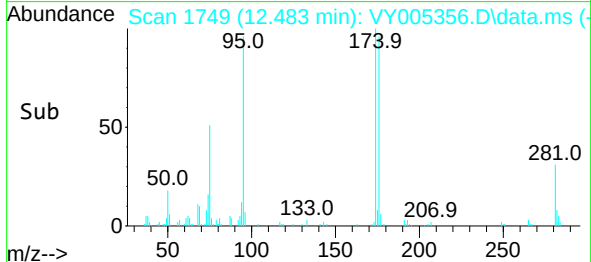
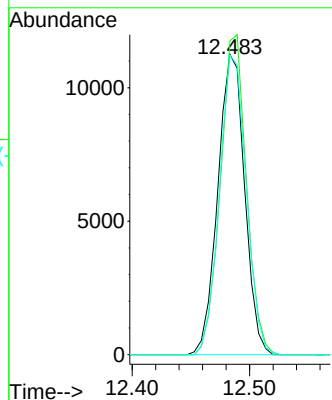
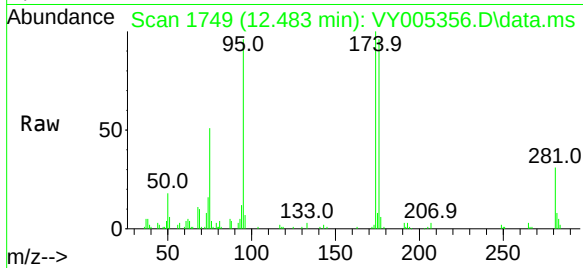




#62
4-Bromofluorobenzene
Concen: 43.351 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

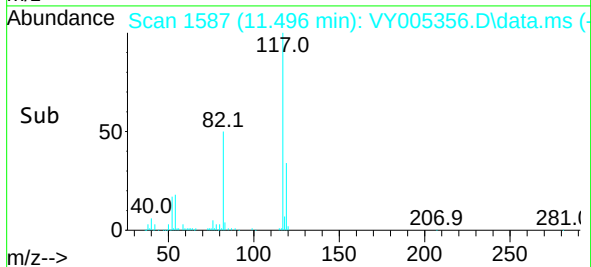
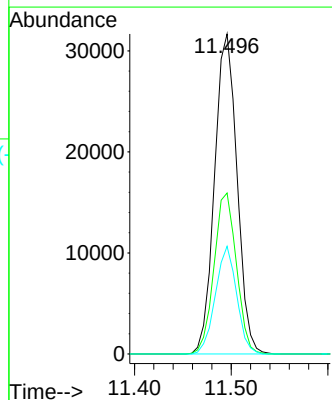
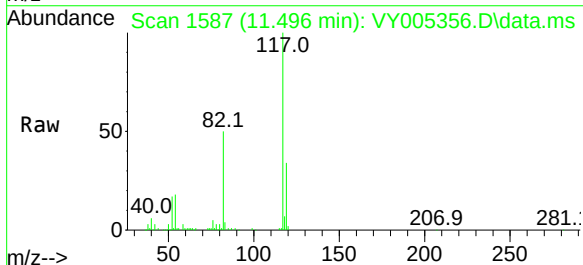
Instrument :
MSVOA_Y
ClientSampleId :
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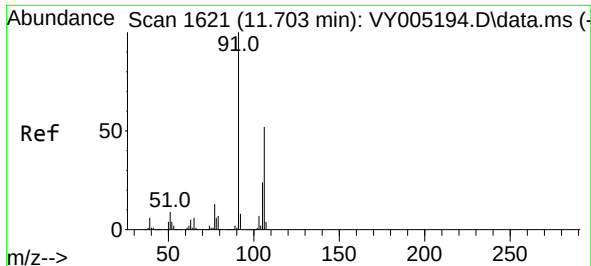
Tgt Ion:	95	Resp:	17846
Ion	Ratio	Lower	Upper
95	100		
174	103.5	0.0	201.6
176	99.5	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

Tgt Ion:	117	Resp:	50969
Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.6	60.8
119	33.7	26.1	39.1

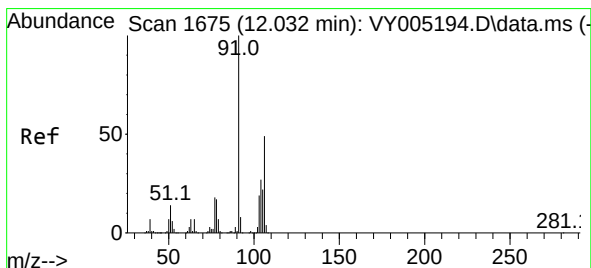
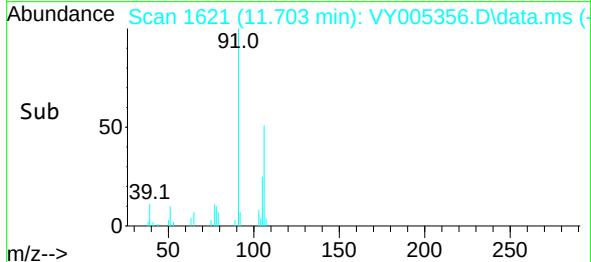
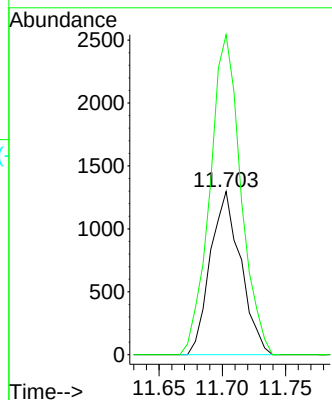
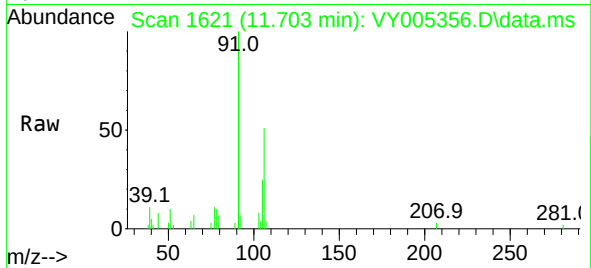




#68
m/p-Xylenes
Concen: 3.108 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

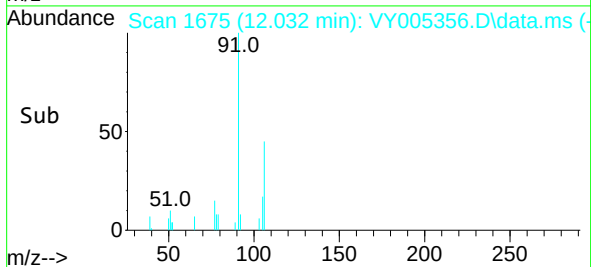
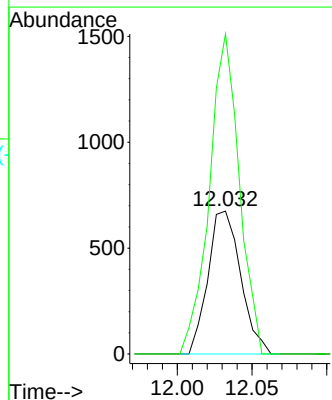
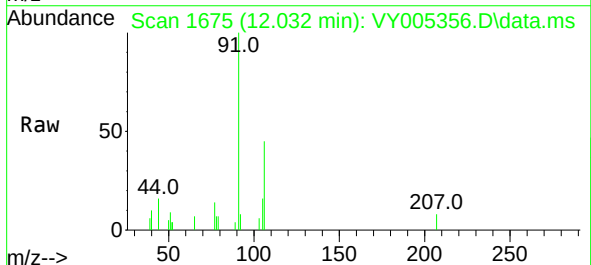
Instrument :
MSVOA_Y
ClientSampled :
5

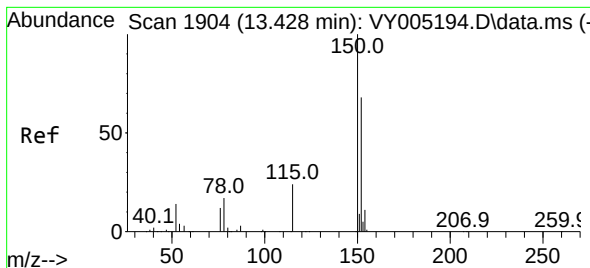
Tgt Ion:106 Resp: 2169
Ion Ratio Lower Upper
106 100
91 199.3 154.8 232.2



#69
o-Xylene
Concen: 1.556 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

Tgt Ion:106 Resp: 1028
Ion Ratio Lower Upper
106 100
91 204.3 101.6 304.8

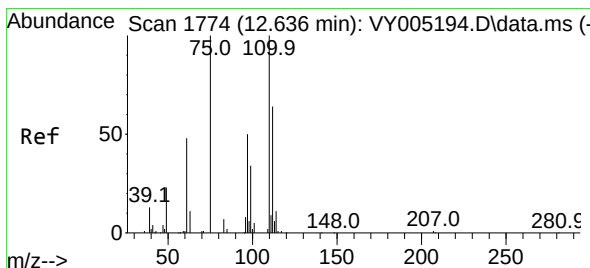
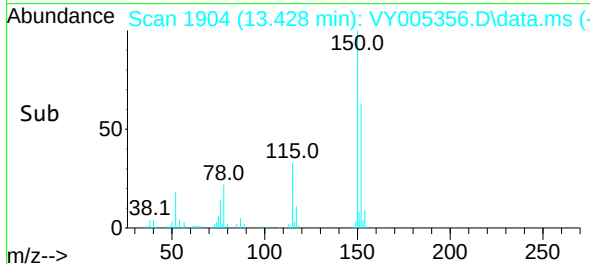
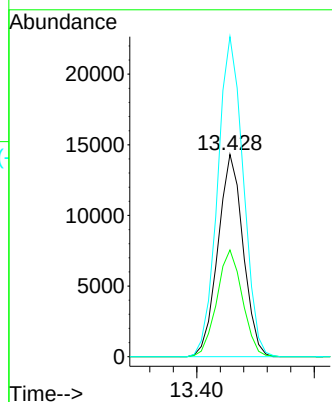
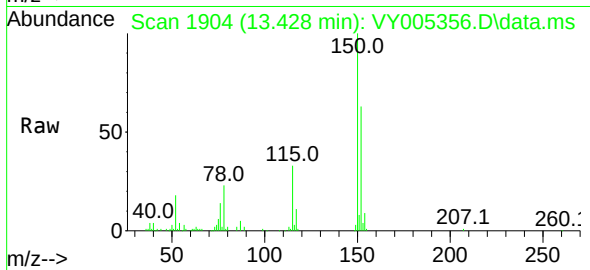




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

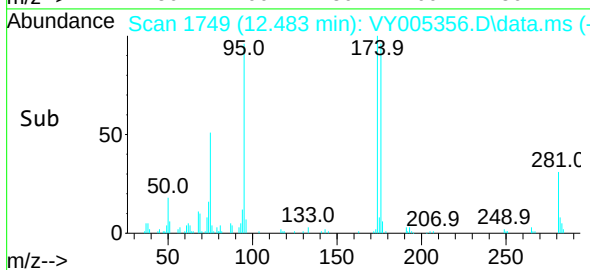
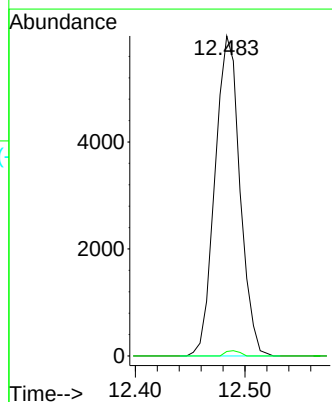
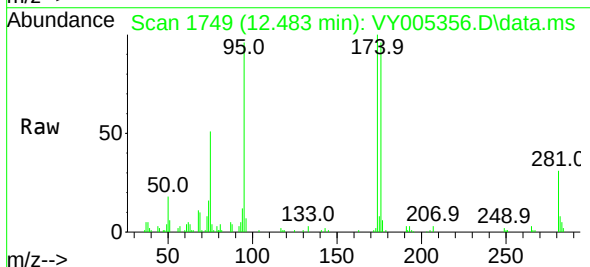
Instrument :
MSVOA_Y
ClientSampled :
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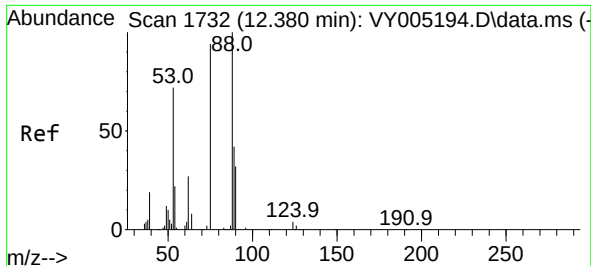
Tgt Ion:152 Resp: 21338
Ion Ratio Lower Upper
152 100
115 53.5 26.3 78.8
150 161.3 0.0 344.2



#76
1,2,3-Trichloropropane
Concen: 49.999 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

Tgt Ion: 75 Resp: 9462
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

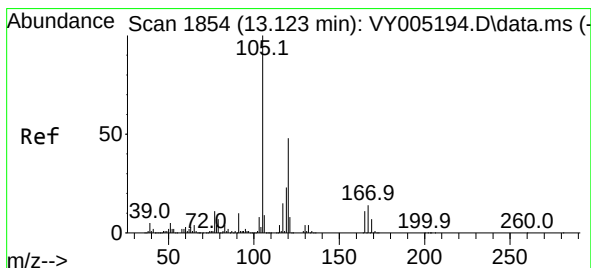
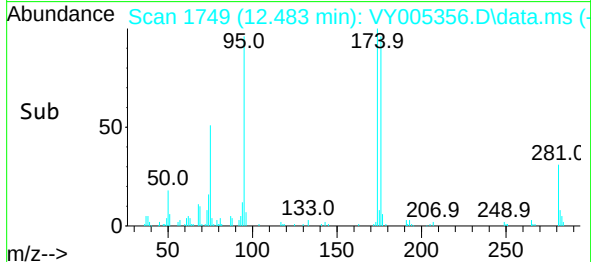
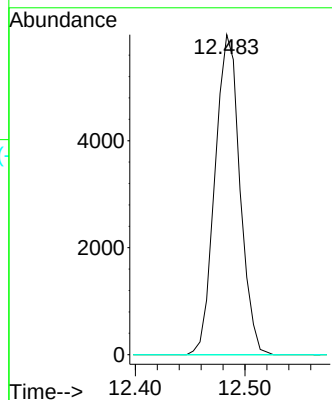
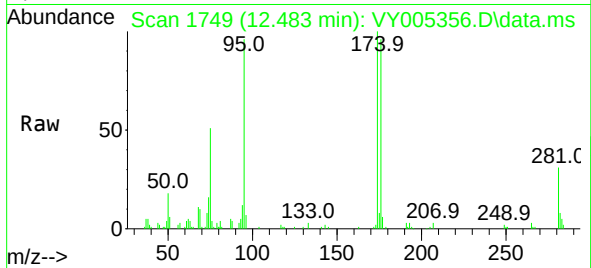




#81
trans-1,4-Dichloro-2-butene
Concen: 93.286 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

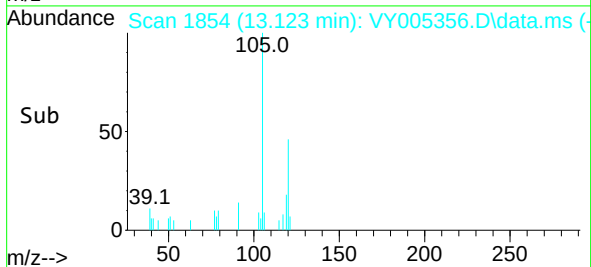
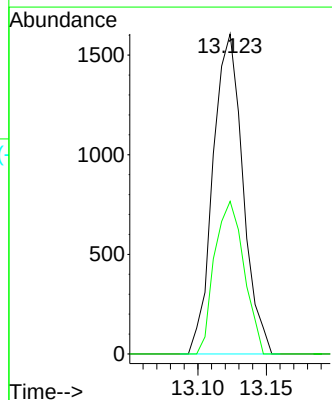
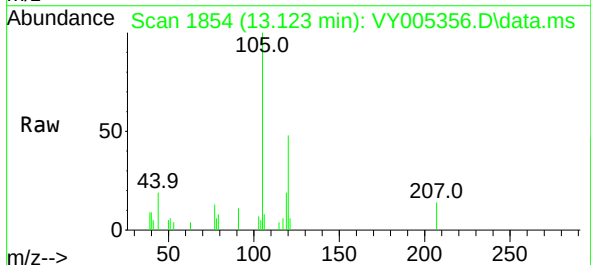
Instrument :
MSVOA_Y
ClientSampleId :
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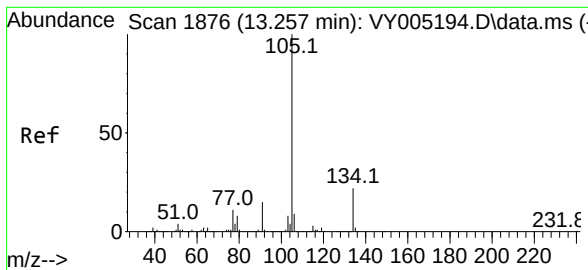
Tgt Ion: 75 Resp: 9462
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 38.0 57.0#



#84
1,2,4-Trimethylbenzene
Concen: 2.155 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

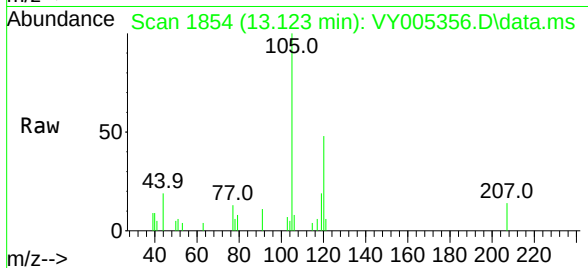
Tgt Ion: 105 Resp: 2439
Ion Ratio Lower Upper
105 100
120 46.9 23.6 71.0





#85
 sec-Butylbenzene
 Concen: 1.642 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.134 min
 Lab File: VY005356.D
 Acq: 02 Jul 2021 20:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 5



Tgt Ion:105 Resp: 2439
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.9 32.6#

