

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005367.D
 Acq On : 07 Jul 2021 16:08
 Operator : SY/MD
 Sample : M2933-03
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

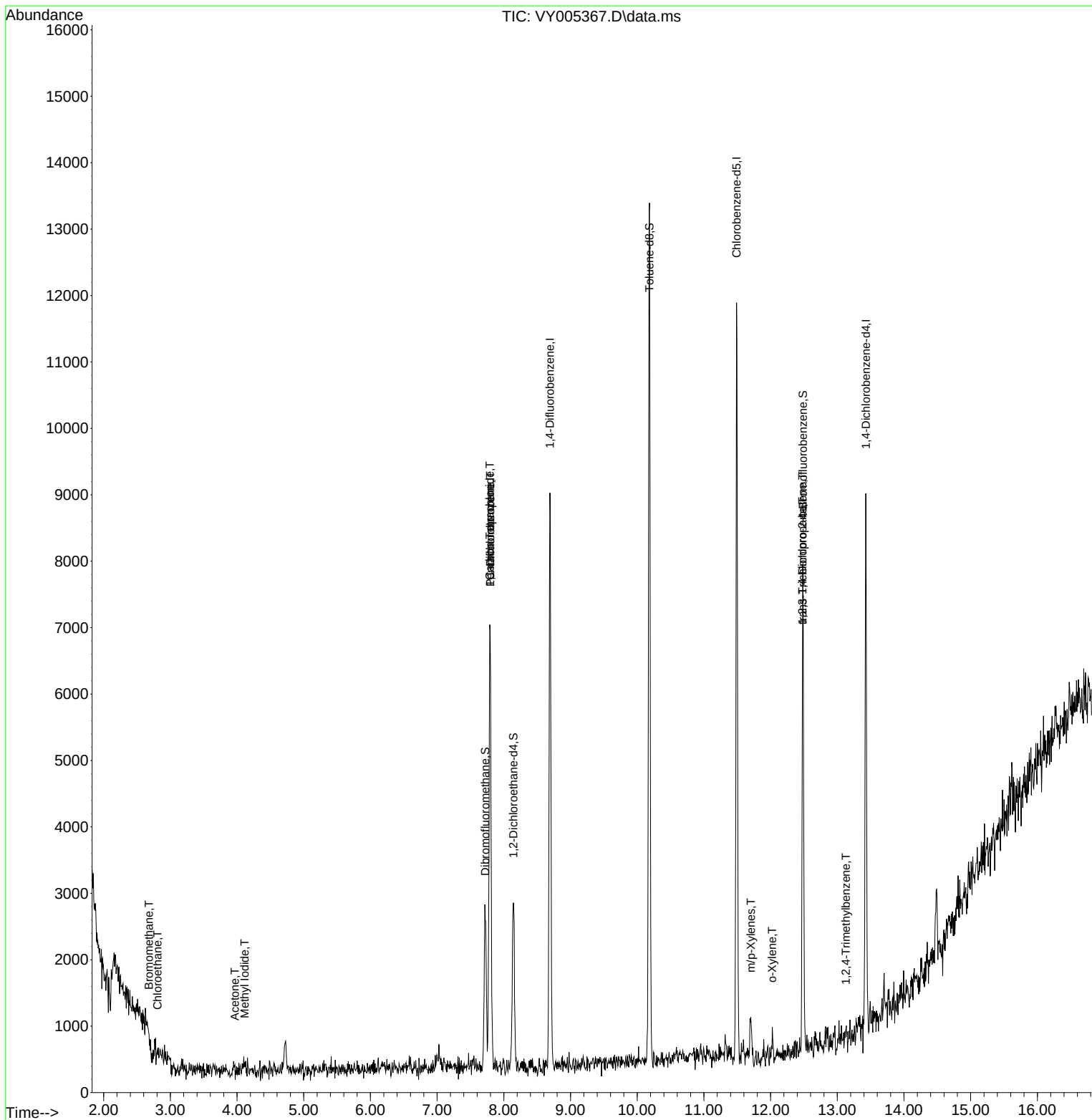
Quant Time: Jul 08 02:05:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

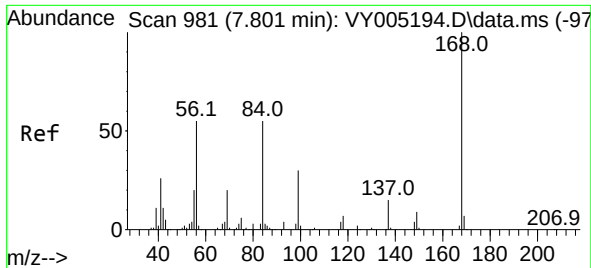
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	6518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2052	37.937	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	75.880%		
35) Dibromofluoromethane	7.722	113	1814	35.161	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	70.320%		
50) Toluene-d8	10.185	98	9640	46.724	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.440%		
62) 4-Bromofluorobenzene	12.483	95	2380	34.617	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	69.240%		
Target Compounds						Qvalue
5) Bromomethane	2.680	94	138	3.334	ug/l	86
6) Chloroethane	2.808	64	193	4.522	ug/l #	42
10) Methyl Iodide	4.113	142	285	3.751	ug/l #	44
16) Acetone	3.966	43	177	14.165	ug/l #	40
20) Methylene Chloride	4.716	84	347	Below Cal	#	65
36) 1,1-Dichloropropene	7.795	75	329	4.271	ug/l #	40
38) Carbon Tetrachloride	7.789	117	569	7.056	ug/l #	12
68) m/p-Xylenes	11.703	106	316	3.094	ug/l	86
69) o-Xylene	12.026	106	140	1.448	ug/l	99
76) 1,2,3-Trichloropropane	12.477	75	1085	49.570	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1085	92.486	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.129	105	253	1.932	ug/l #	29

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

Quant Time: Jul 08 02:05:24 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

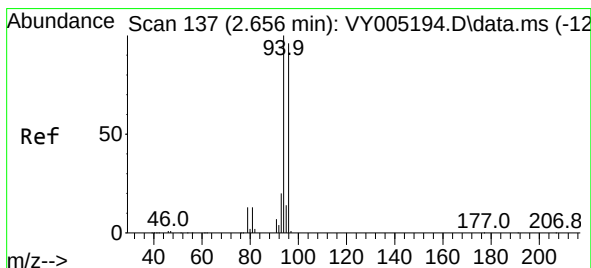
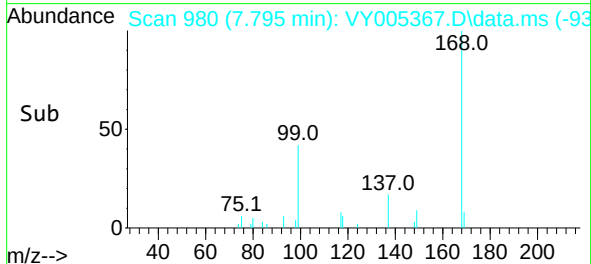
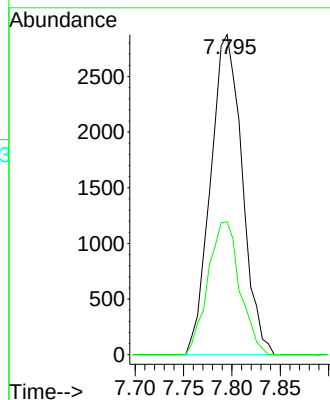
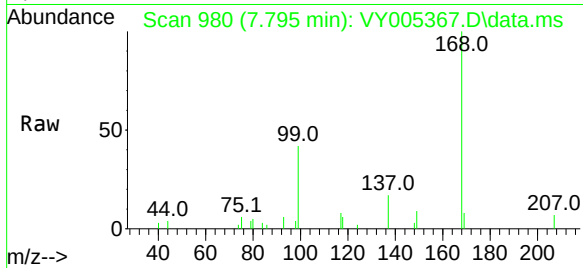




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

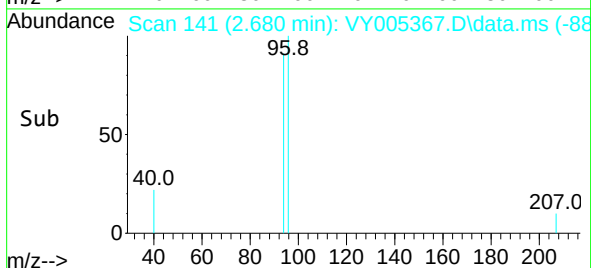
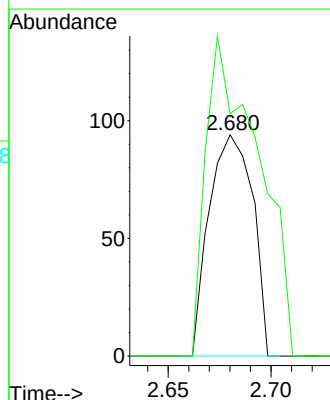
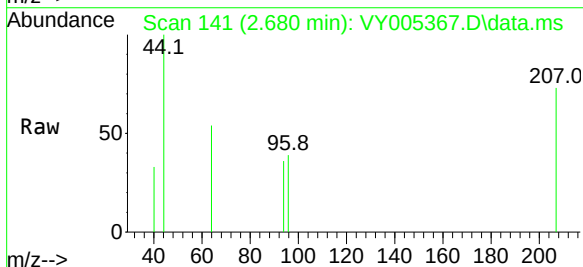
Instrument :
MSVOA_Y
ClientSampleId :

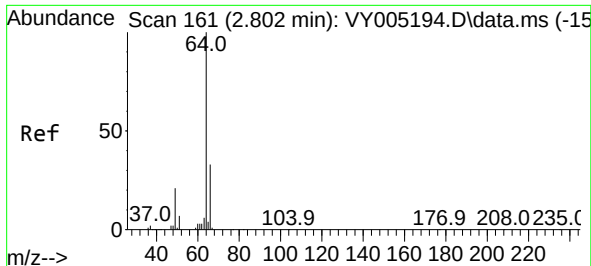
Tgt Ion:168 Resp: 6518
Ion Ratio Lower Upper
168 100
99 41.6 36.2 54.4



#5
Bromomethane
Concen: 3.334 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.024 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

Tgt Ion: 94 Resp: 138
Ion Ratio Lower Upper
94 100
96 109.6 76.9 115.3

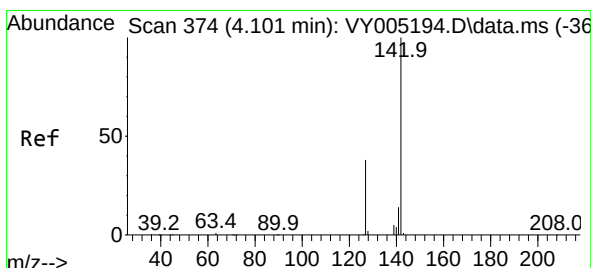
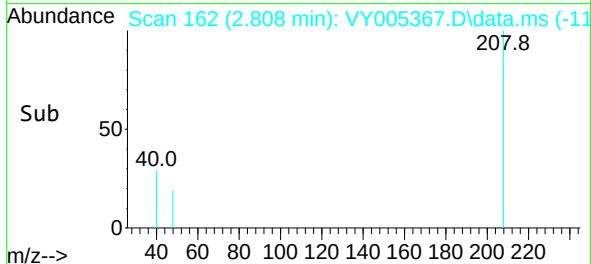
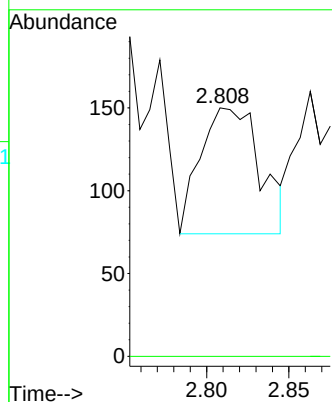
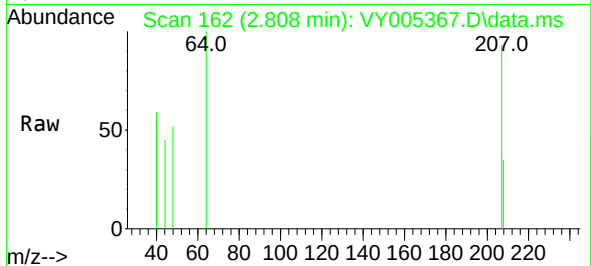




#6
Chloroethane
Concen: 4.522 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

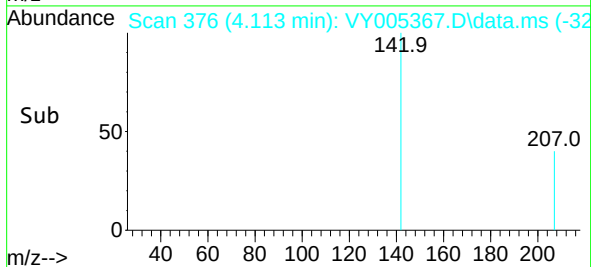
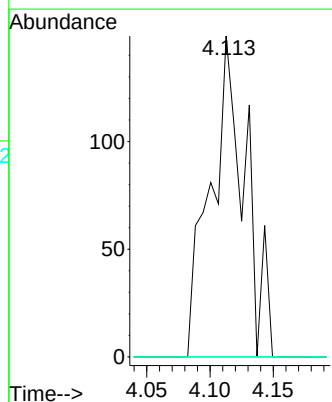
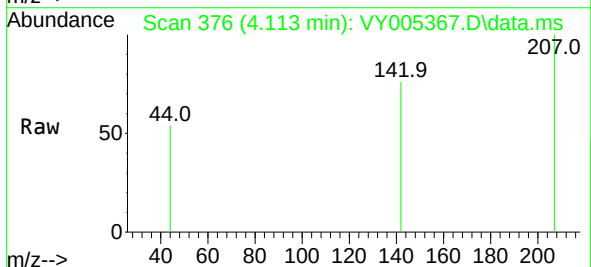
Instrument :
MSVOA_Y
ClientSampled :

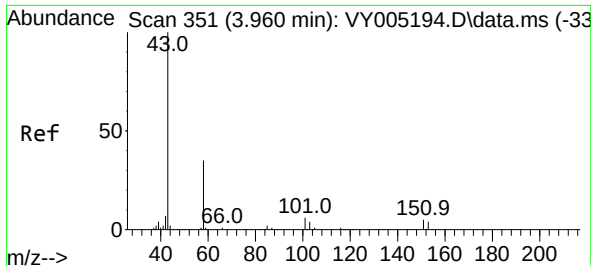
Tgt Ion: 64 Resp: 193
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#10
Methyl Iodide
Concen: 3.751 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

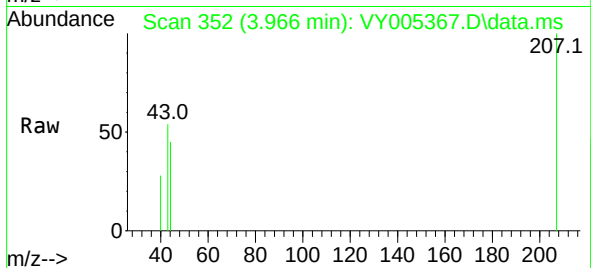
Tgt Ion:142 Resp: 285
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.3 16.9#



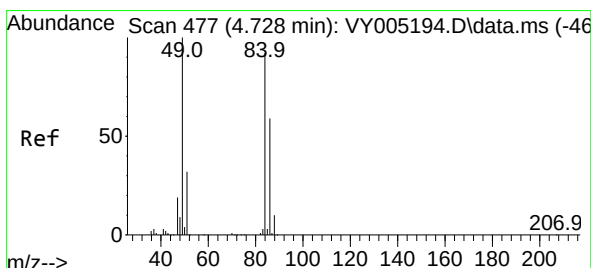
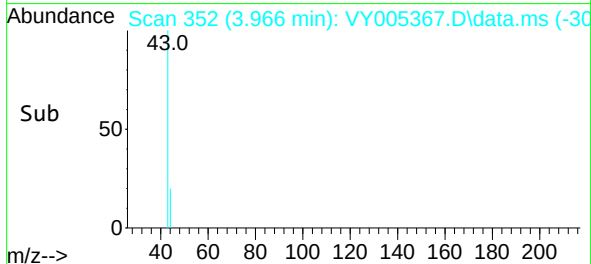
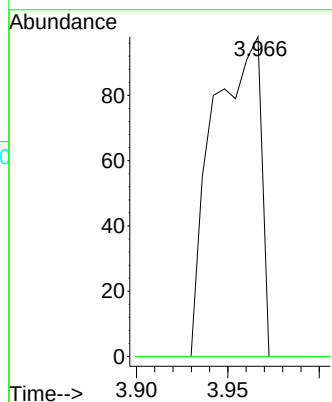


#16
Acetone
Concen: 14.165 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

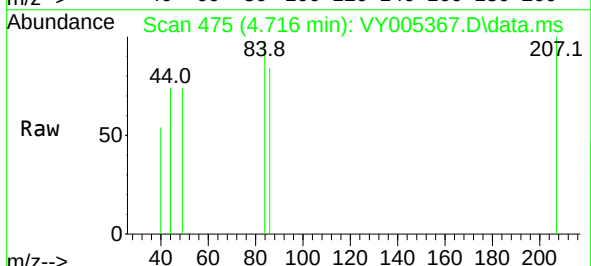
Instrument :
MSVOA_Y
ClientSampled :



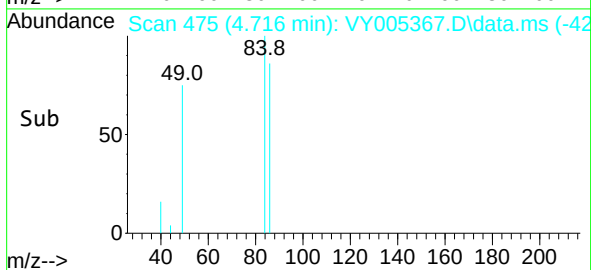
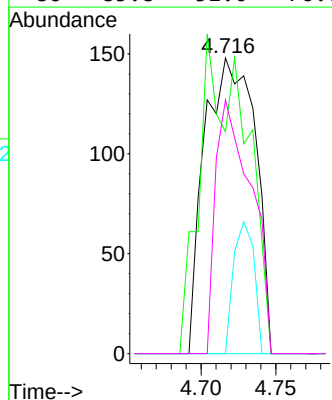
Tgt Ion: 43 Resp: 177
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#

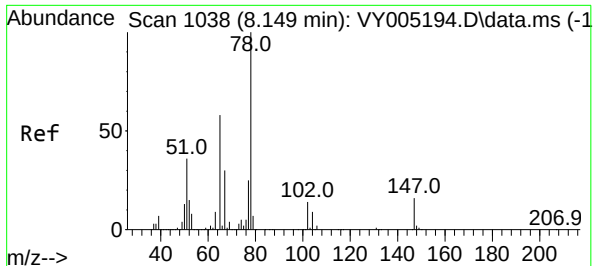


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08



Tgt Ion: 84 Resp: 347
Ion Ratio Lower Upper
84 100
49 75.0 86.9 130.3#
51 0.0 27.4 41.2#
86 85.8 51.0 76.6#

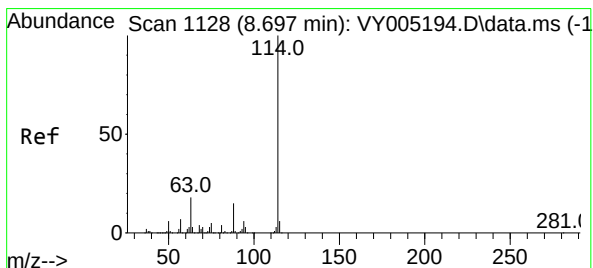
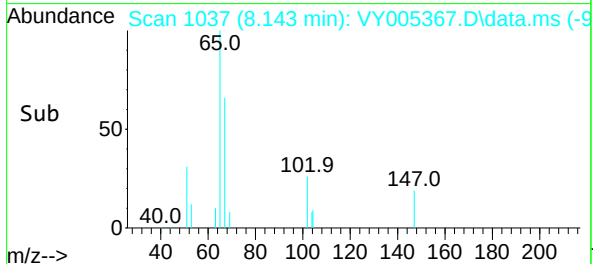
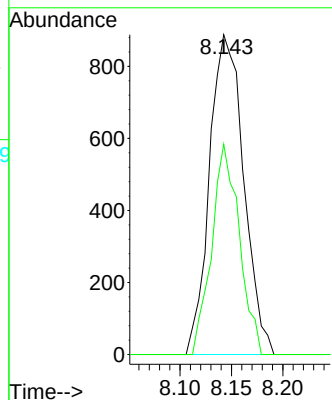
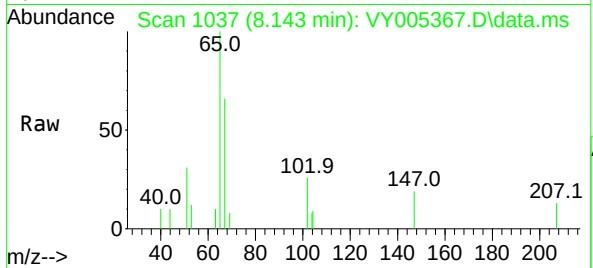




#33
 1,2-Dichloroethane-d4
 Concen: 37.937 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY005367.D
 Acq: 07 Jul 2021 16:08

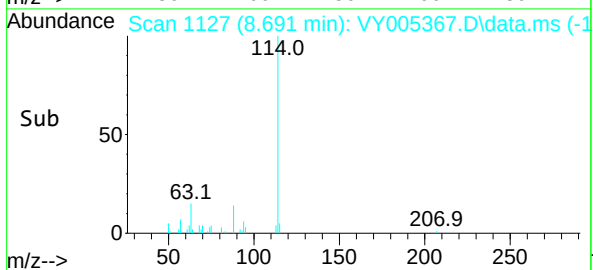
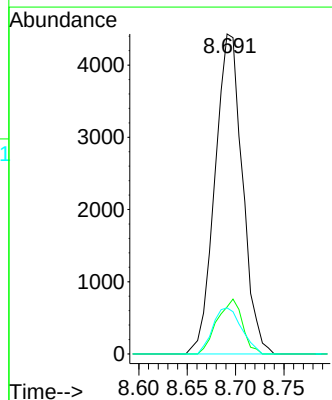
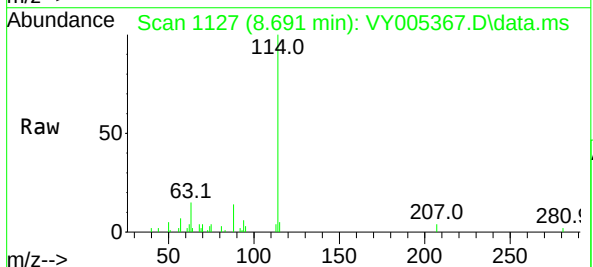
Instrument :
 MSVOA_Y
 ClientSampled :

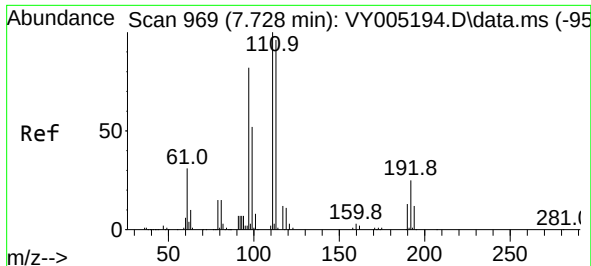
Tgt Ion: 65 Resp: 2052
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY005367.D
 Acq: 07 Jul 2021 16:08

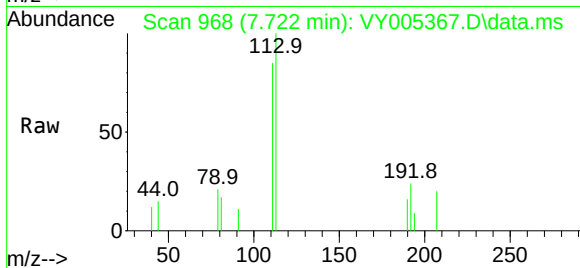
Tgt Ion: 114 Resp: 8748
 Ion Ratio Lower Upper
 114 100
 63 14.7 0.0 35.2
 88 14.4 0.0 29.4



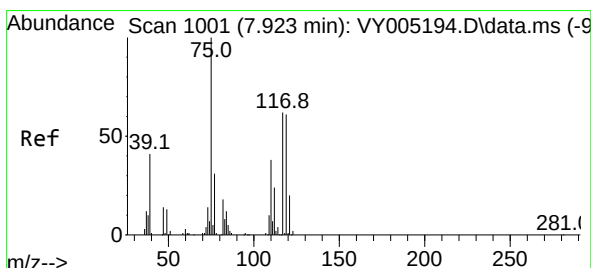
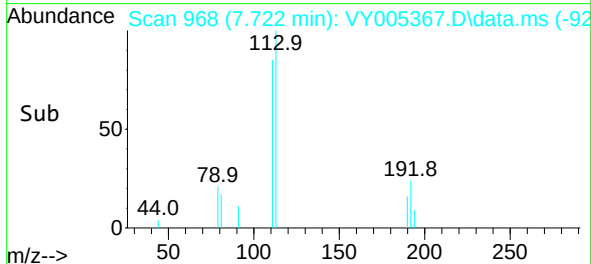
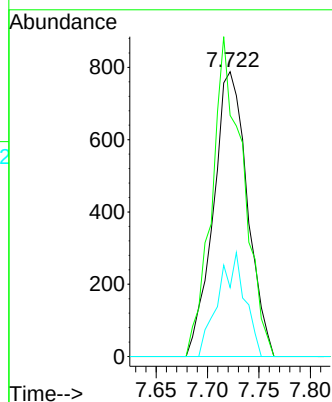


#35
Dibromofluoromethane
Concen: 35.161 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

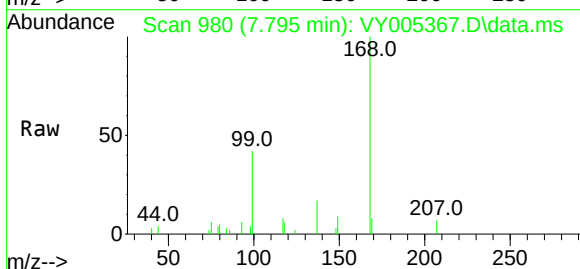
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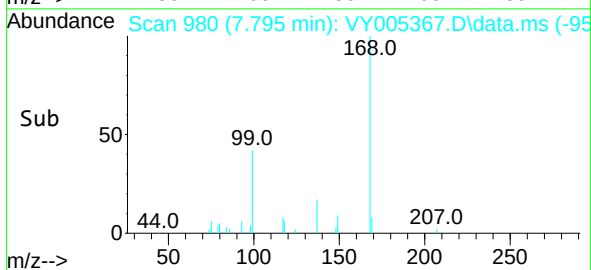
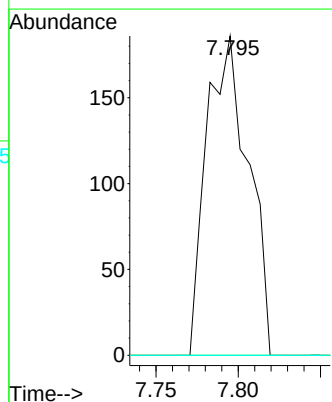
Tgt Ion:113 Resp: 1814
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 28.6 20.2 30.2

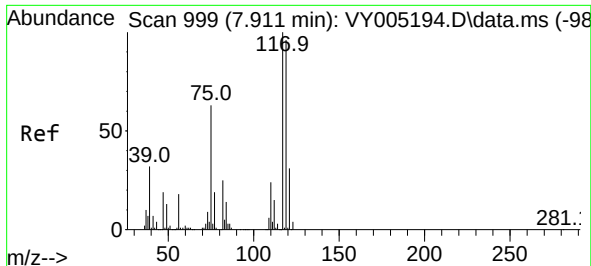


#36
1,1-Dichloropropene
Concen: 4.271 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08



Tgt Ion: 75 Resp: 329
Ion Ratio Lower Upper
75 100
110 0.0 19.1 57.5#
77 0.0 25.2 37.8#

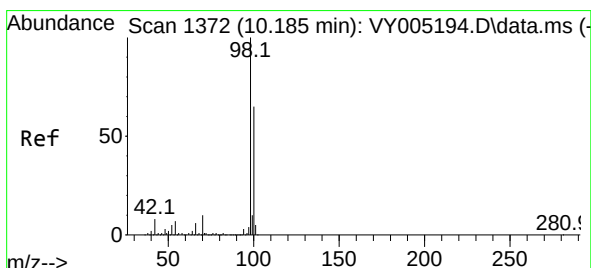
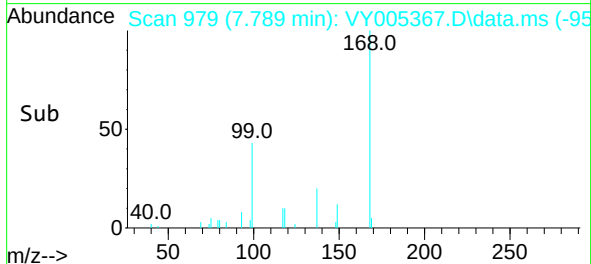
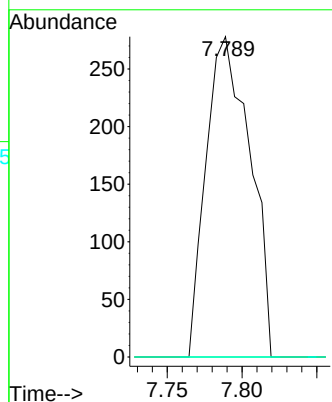
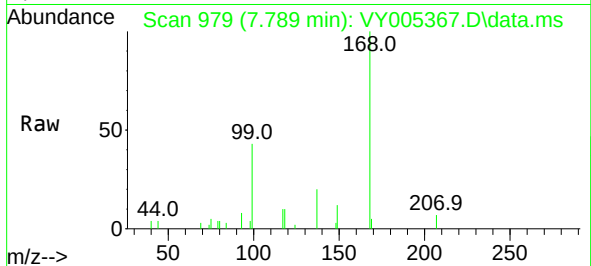




#38
Carbon Tetrachloride
Concen: 7.056 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

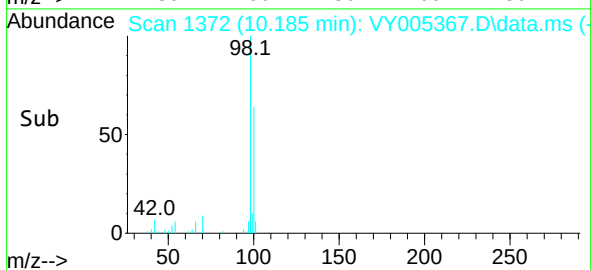
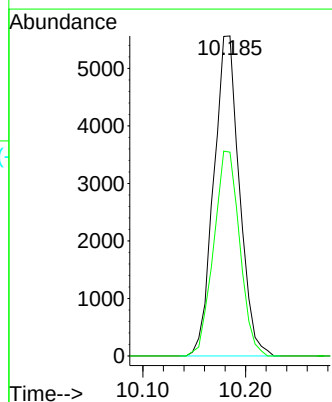
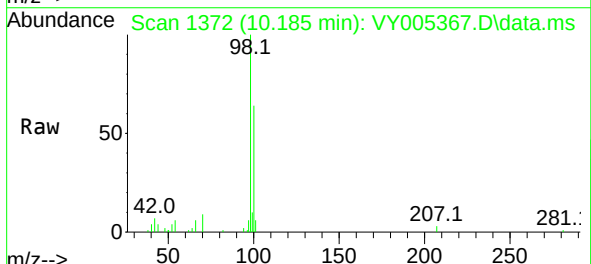
Instrument :
MSVOA_Y
ClientSampleId :

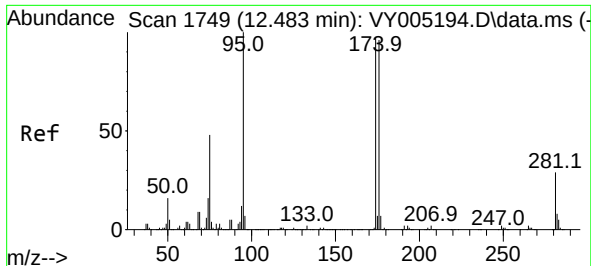
Tgt Ion:117 Resp: 569
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 46.724 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

Tgt Ion: 98 Resp: 9640
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

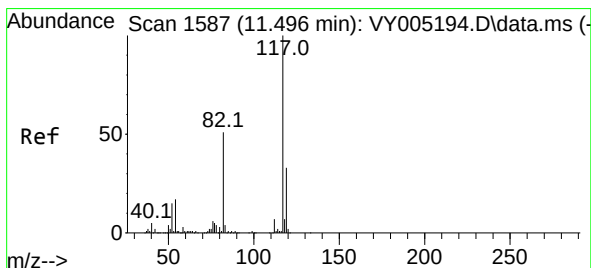
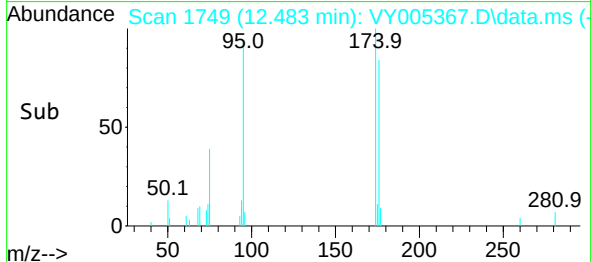
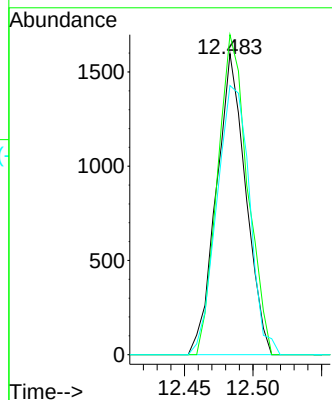
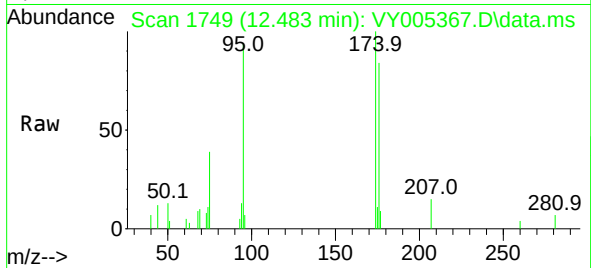




#62
4-Bromofluorobenzene
Concen: 34.617 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

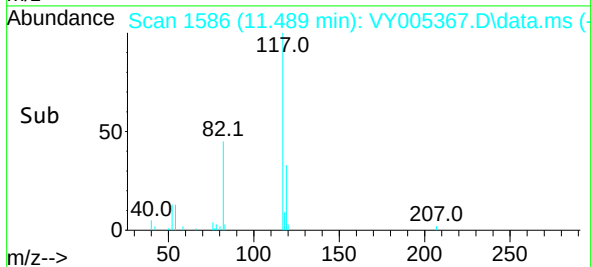
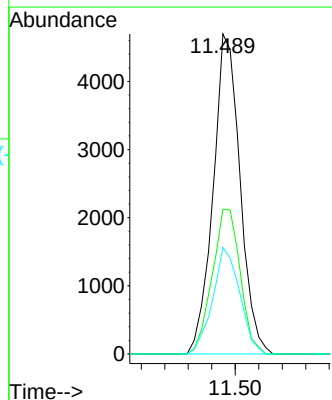
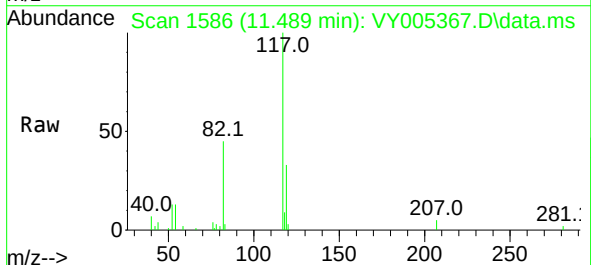
Instrument :
MSVOA_Y
ClientSampled :

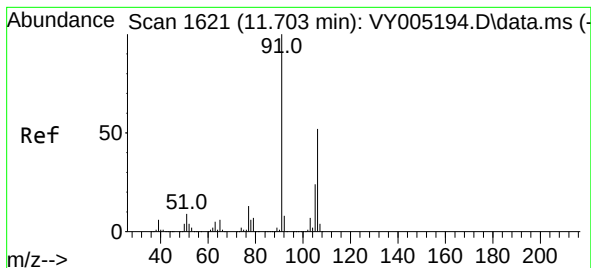
Tgt Ion:	95	Resp:	2380
Ion	Ratio	Lower	Upper
95	100		
174	108.7	0.0	201.6
176	99.7	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

Tgt Ion:	117	Resp:	7458
Ion	Ratio	Lower	Upper
117	100		
82	45.2	40.6	60.8
119	33.3	26.1	39.1

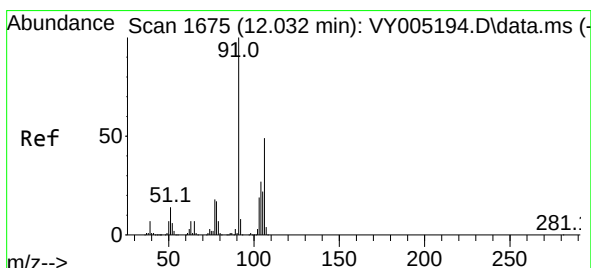
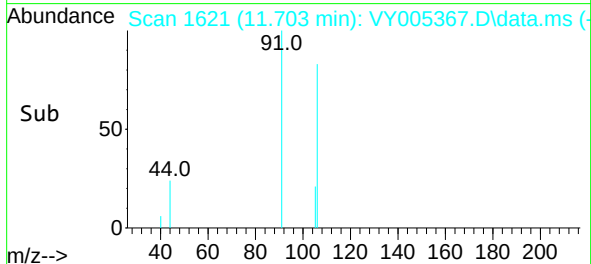
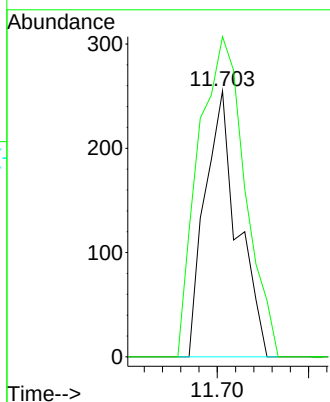
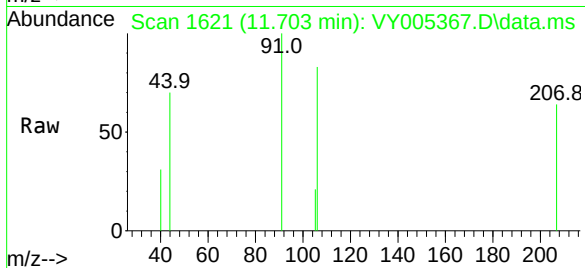




#68
m/p-Xylenes
Concen: 3.094 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

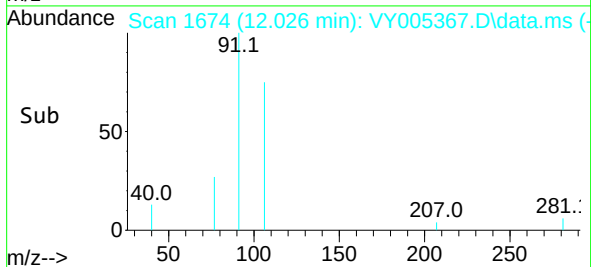
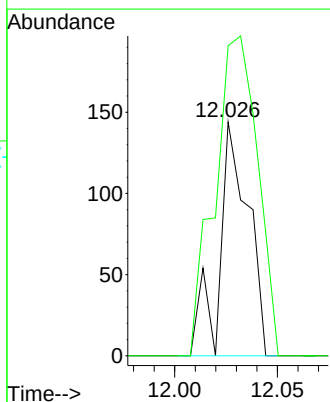
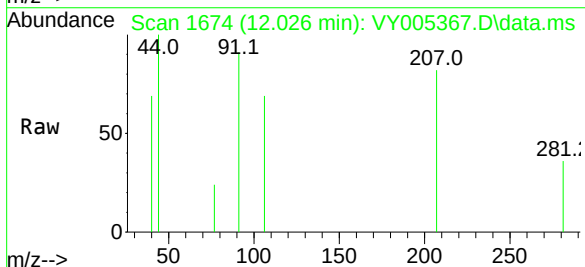
Instrument :
MSVOA_Y
ClientSampled :

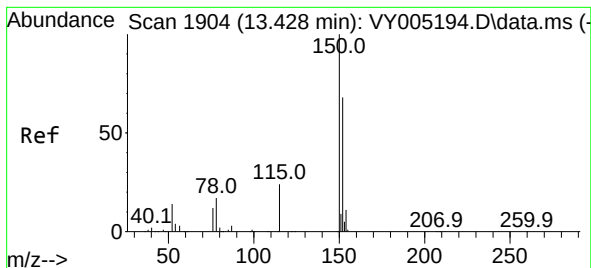
Tgt Ion:106 Resp: 316
Ion Ratio Lower Upper
106 100
91 172.2 154.8 232.2



#69
o-Xylene
Concen: 1.448 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

Tgt Ion:106 Resp: 140
Ion Ratio Lower Upper
106 100
91 204.3 101.6 304.8

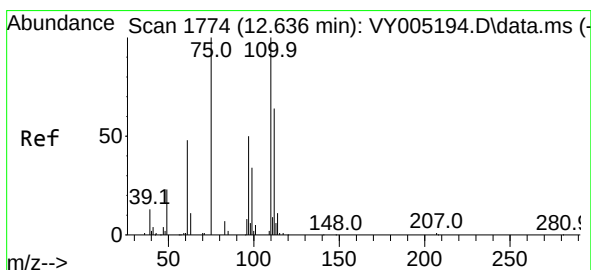
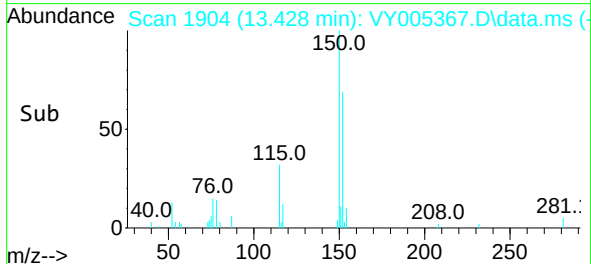
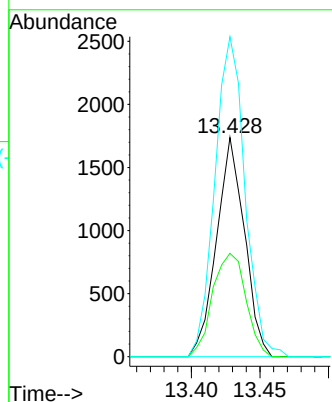
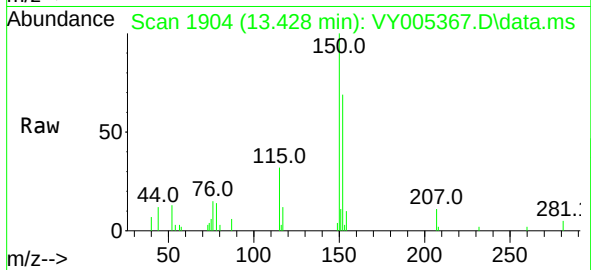




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005367.D
 Acq: 07 Jul 2021 16:08

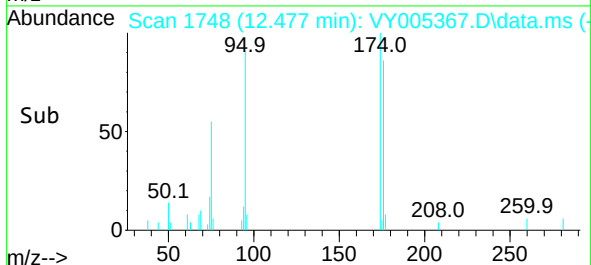
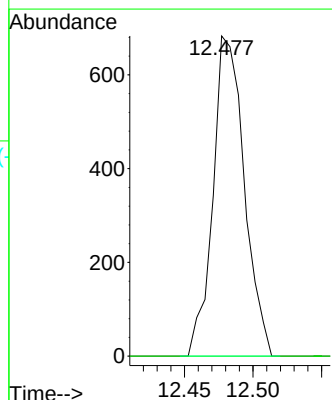
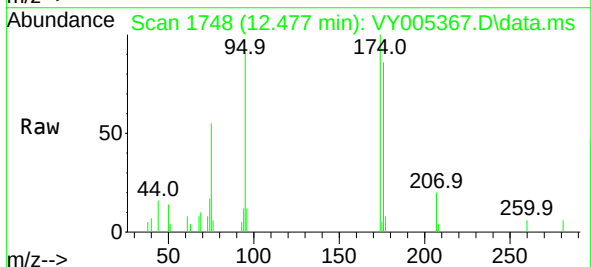
Instrument :
 MSVOA_Y
 ClientSampled :

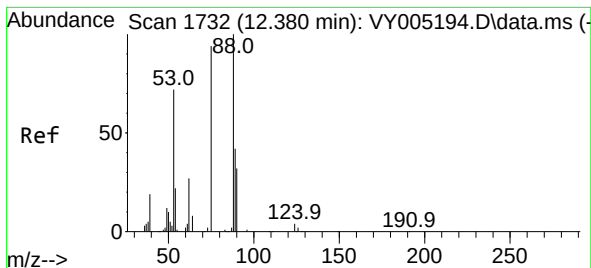
Tgt Ion:152 Resp: 2468
 Ion Ratio Lower Upper
 152 100
 115 56.0 26.3 78.8
 150 157.1 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 49.570 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY005367.D
 Acq: 07 Jul 2021 16:08

Tgt Ion: 75 Resp: 1085
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

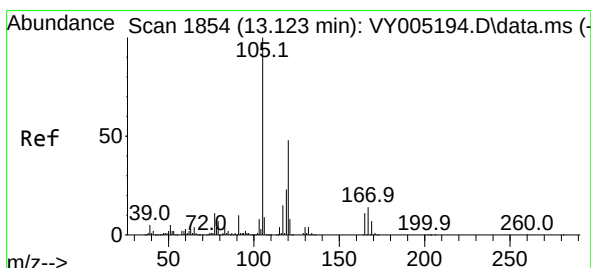
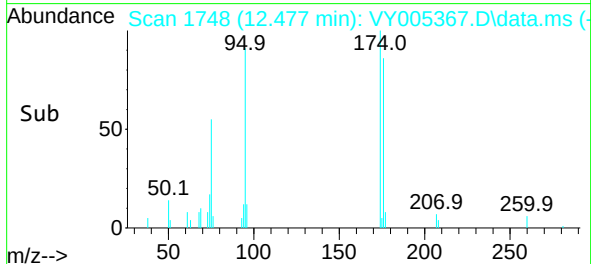
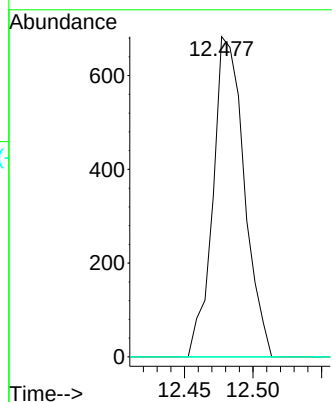
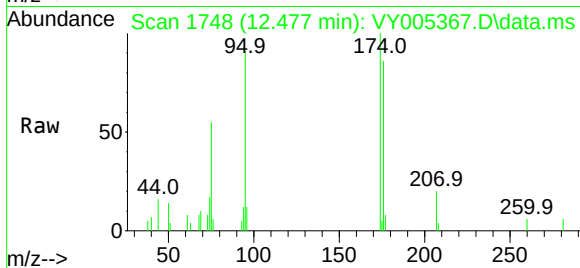




#81
trans-1,4-Dichloro-2-butene
Concen: 92.486 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1085
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: 1.932 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

Tgt Ion: 105 Resp: 253
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#

