

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005455.D
 Acq On : 26 Jul 2021 19:17
 Operator : SY/MD
 Sample : M3159-09
 Misc : 2.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 03:12:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

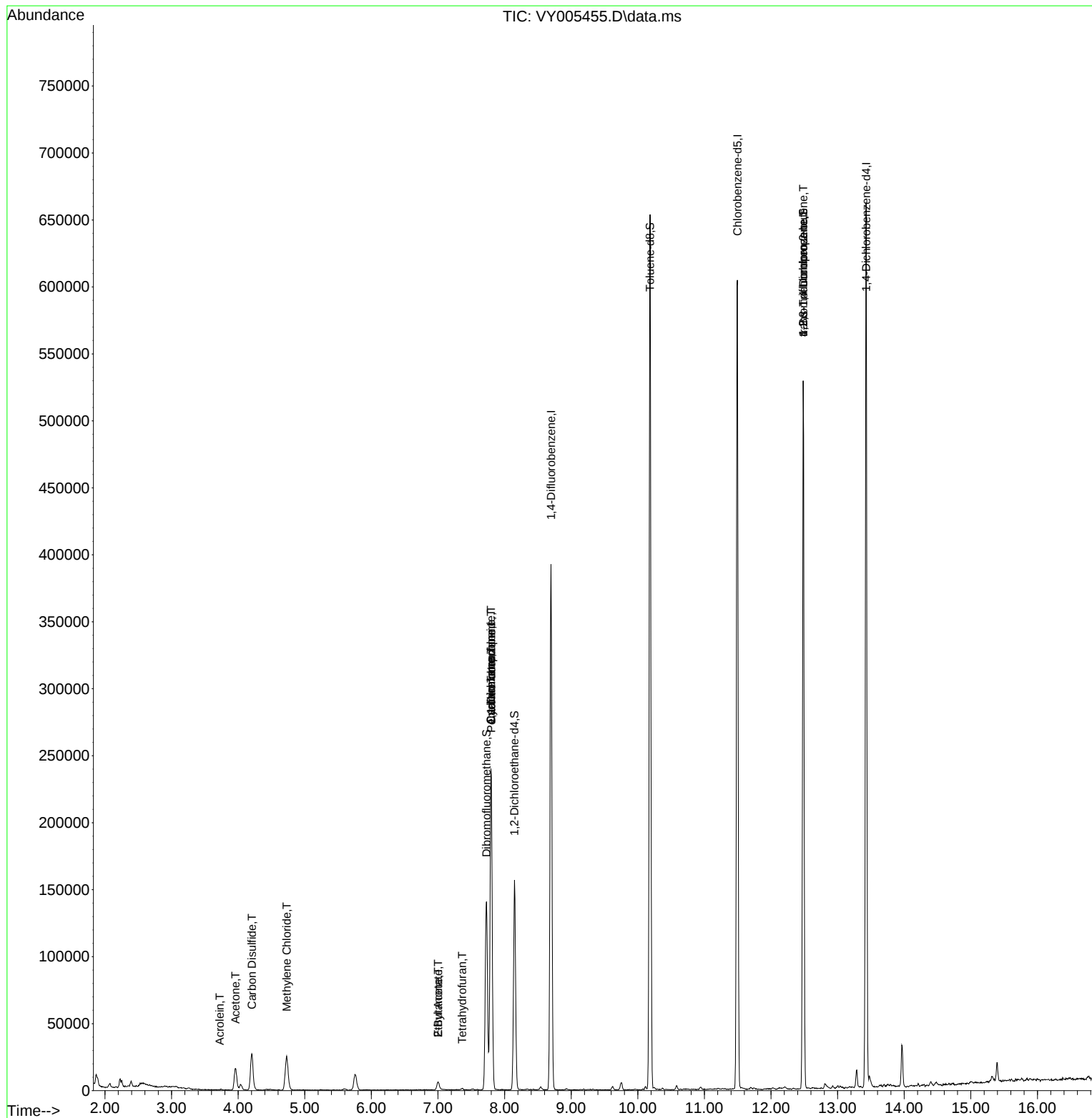
Internal Standards						
1) Pentafluorobenzene	7.801	168	195811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	328345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	324203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123661	59.114	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.220%			
35) Dibromofluoromethane	7.728	113	97012	51.170	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.340%			
50) Toluene-d8	10.185	98	416933	51.886	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.780%			
62) 4-Bromofluorobenzene	12.483	95	144979	54.666	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.340%			
Target Compounds						Qvalue
13) Acrolein	3.723	56	290	1.603	ug/l #	2
16) Acetone	3.960	43	29039	60.785	ug/l	96
17) Carbon Disulfide	4.204	76	55166	8.911	ug/l	99
20) Methylene Chloride	4.728	84	18916	5.809	ug/l	95
25) 2-Butanone	7.002	43	8931	12.484	ug/l	100
29) Tetrahydrofuran	7.362	42	885	1.868	ug/l #	74
31) Cyclohexane	7.795	56	4336	1.214	ug/l #	43
36) 1,1-Dichloropropene	7.795	75	13739	4.328	ug/l #	50
37) Ethyl Acetate	7.002	43	8931	4.621	ug/l #	70
38) Carbon Tetrachloride	7.795	117	18202	5.247	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	79355	49.505	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79355	96.125	ug/l #	11

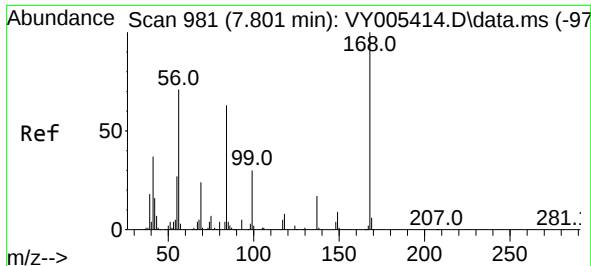
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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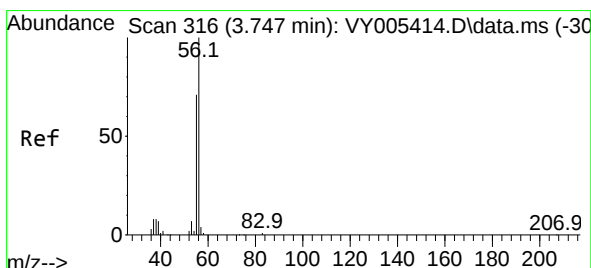
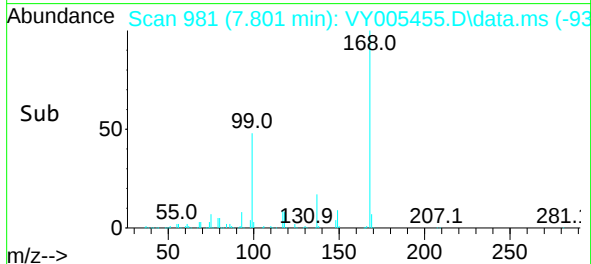
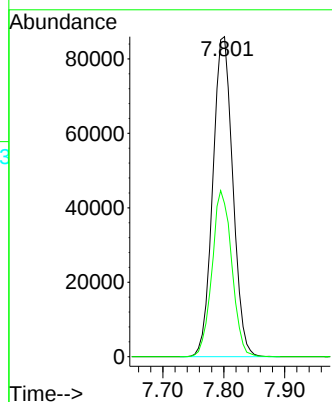
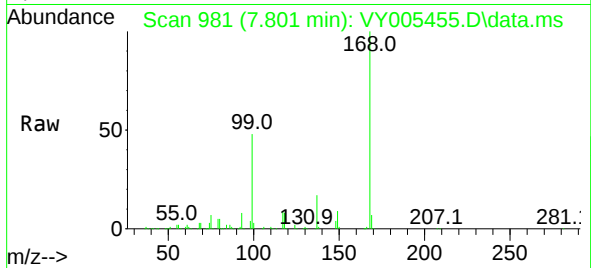




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

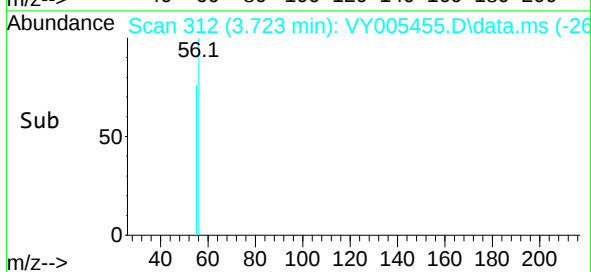
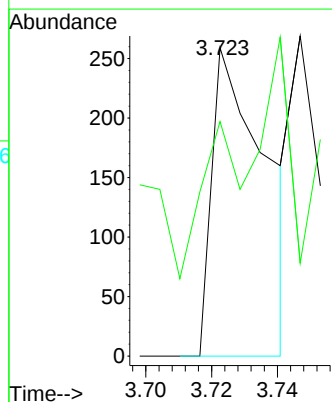
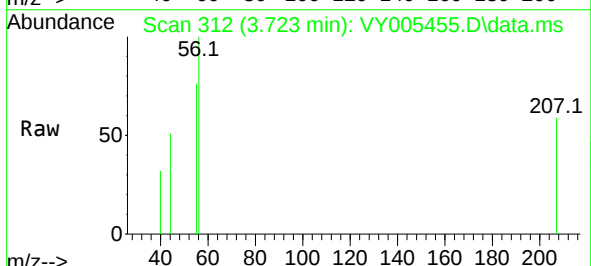
Instrument :
MSVOA_Y
ClientSampleId :

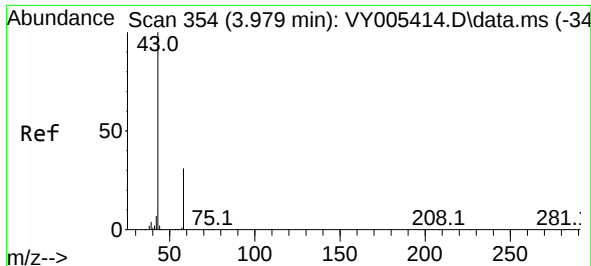
Tgt Ion:168 Resp: 195811
Ion Ratio Lower Upper
168 100
99 47.9 39.8 59.6



#13
Acrolein
Concen: 1.603 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.024 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

Tgt Ion: 56 Resp: 290
Ion Ratio Lower Upper
56 100
55 148.6 55.2 82.8#

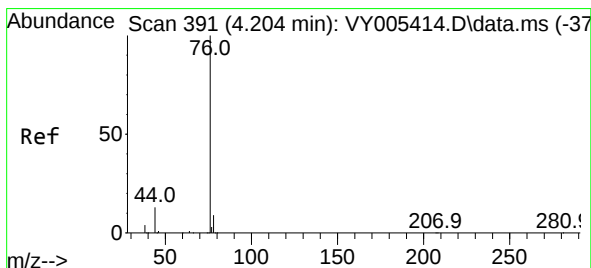
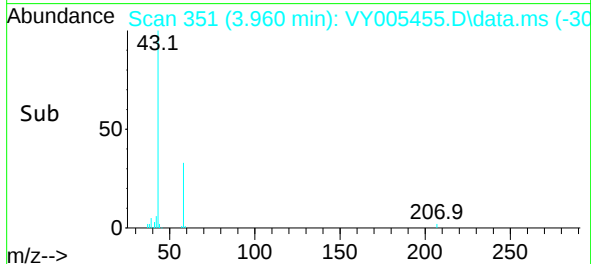
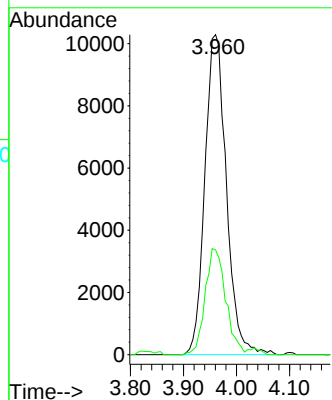
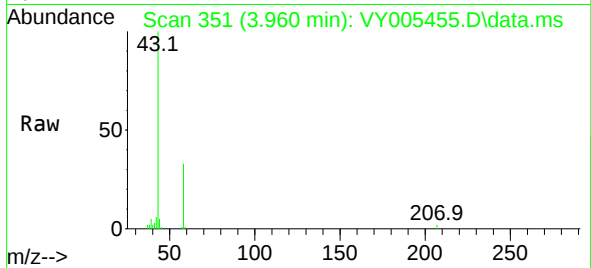




#16
Acetone
Concen: 60.785 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

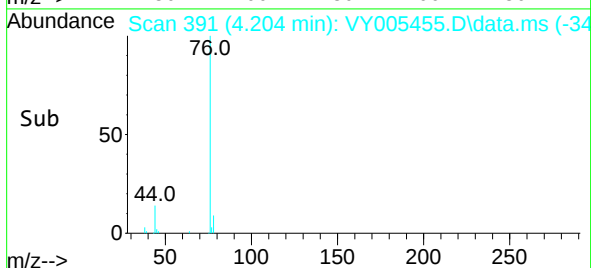
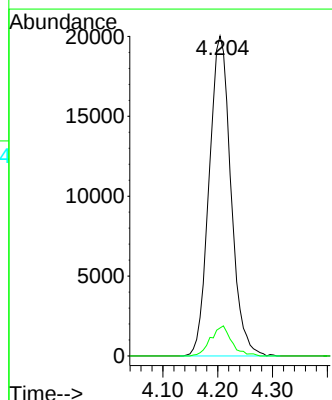
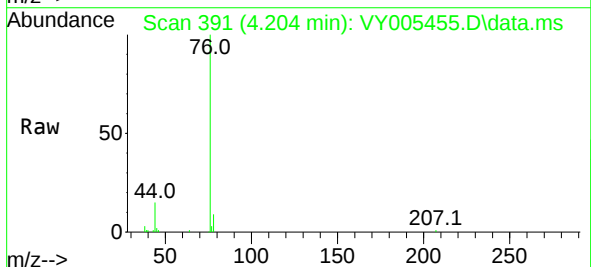
Instrument :
MSVOA_Y
ClientSampled :

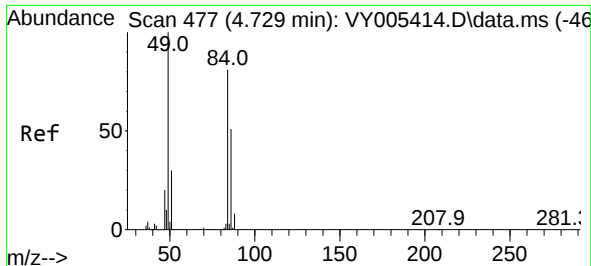
Tgt Ion: 43 Resp: 29039
Ion Ratio Lower Upper
43 100
58 32.8 24.5 36.7



#17
Carbon Disulfide
Concen: 8.911 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

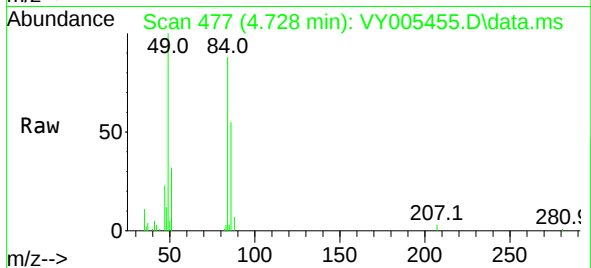
Tgt Ion: 76 Resp: 55166
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



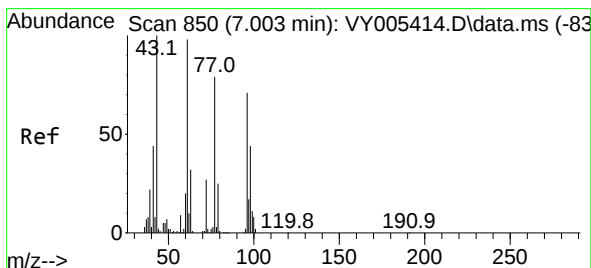
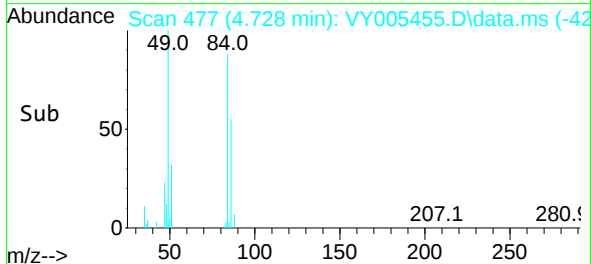
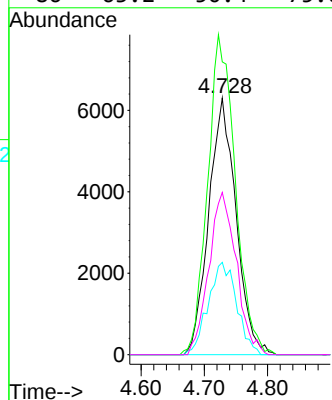


#20
Methylene Chloride
Concen: 5.809 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

Instrument :
MSVOA_Y
ClientSampleId :

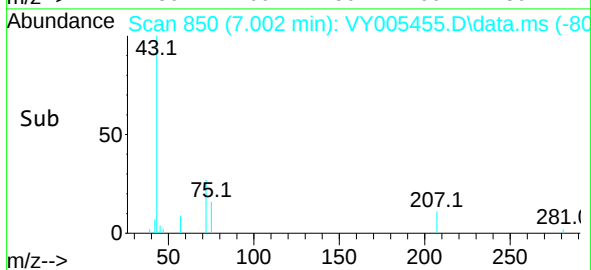
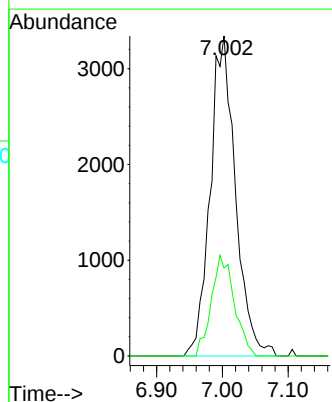
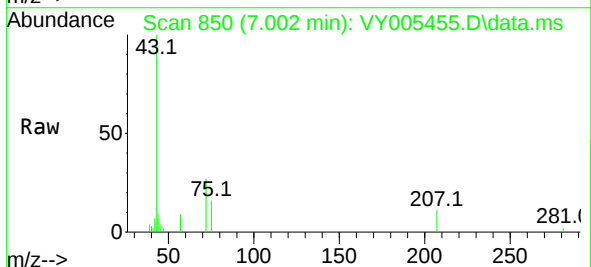


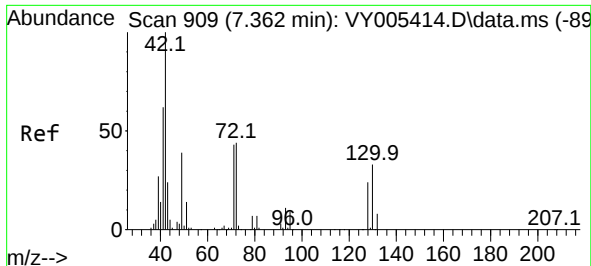
Tgt Ion: 84	Resp: 18916
Ion Ratio	Lower Upper
84 100	
49 114.1	98.9 148.3
51 36.0	30.0 45.0
86 63.2	50.4 75.6



#25
2-Butanone
Concen: 12.484 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

Tgt Ion: 43	Resp: 8931		
Ion Ratio	Lower	Upper	
43 100			
72 27.4	21.9	32.9	





#29

Tetrahydrofuran

Concen: 1.868 ug/l

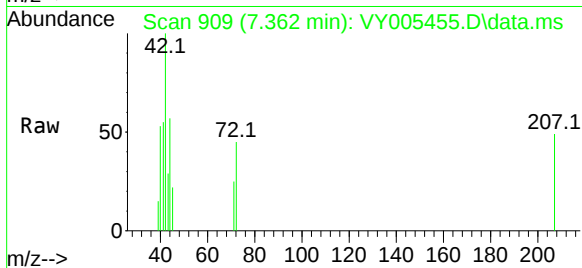
RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

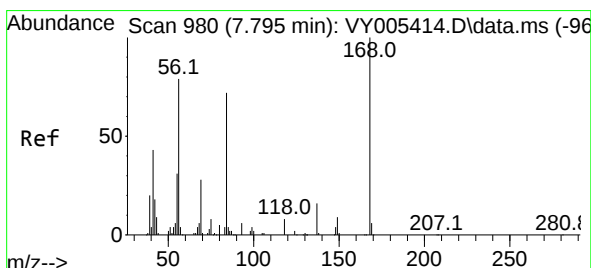
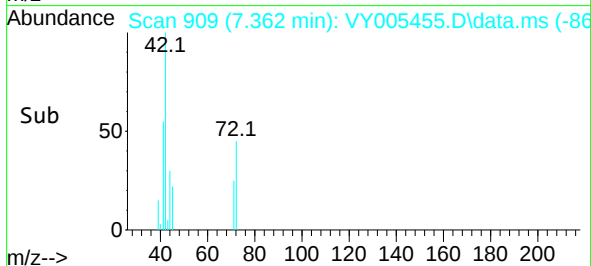
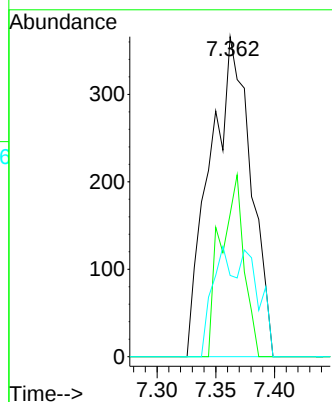
Lab File: VY005455.D

Acq: 26 Jul 2021 19:17

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	42	Resp:	885
Ion	Ratio	Lower	Upper
42	100		
72	32.5	35.3	52.9#
71	19.4	33.4	50.2#



#31

Cyclohexane

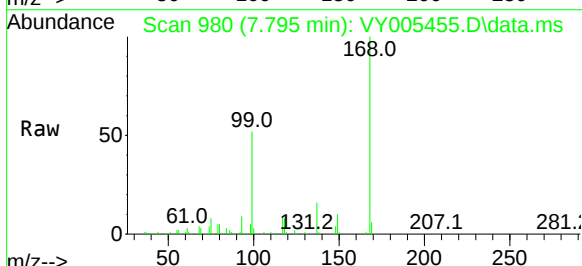
Concen: 1.214 ug/l

RT: 7.795 min Scan# 980

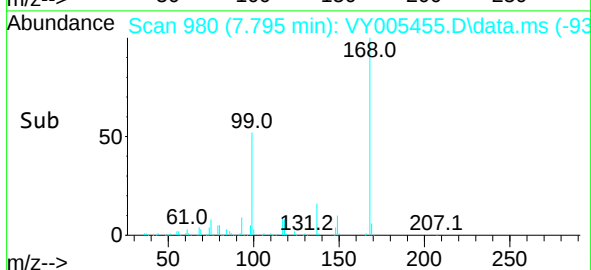
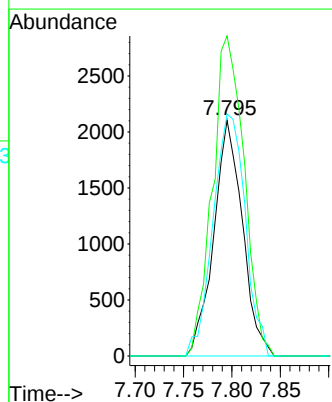
Delta R.T. -0.000 min

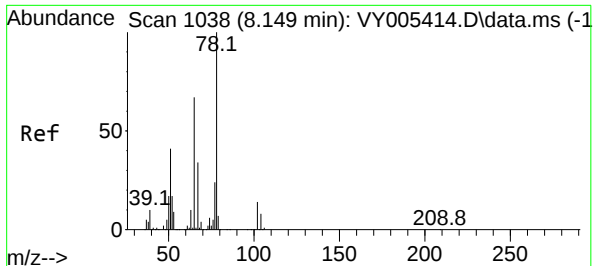
Lab File: VY005455.D

Acq: 26 Jul 2021 19:17



Tgt Ion:	56	Resp:	4336
Ion	Ratio	Lower	Upper
56	100		
69	135.9	28.7	43.1#
84	102.8	73.0	109.6

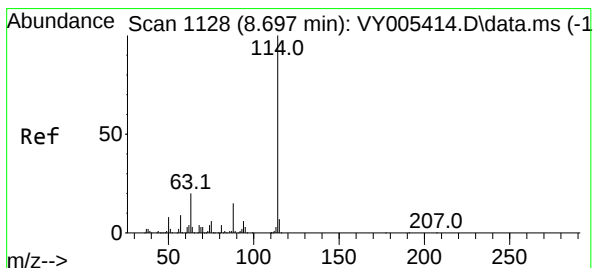
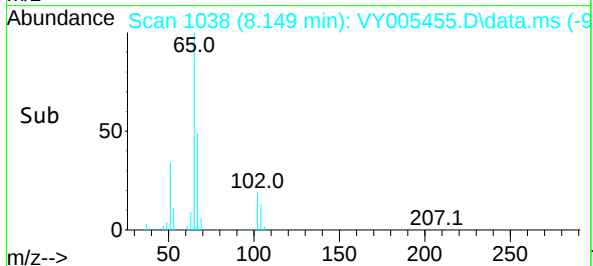
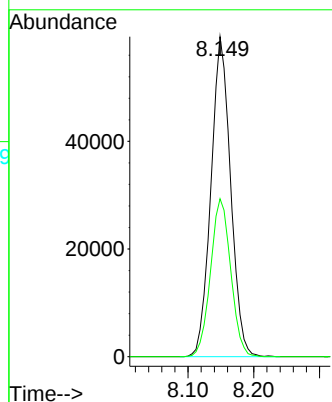
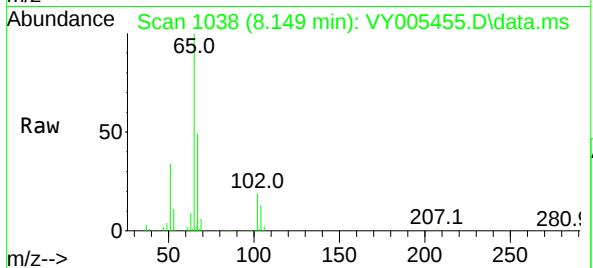




#33
1,2-Dichloroethane-d4
Concen: 59.114 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

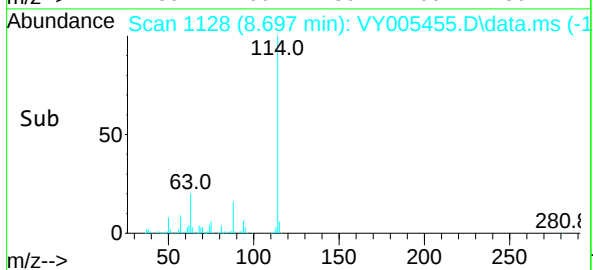
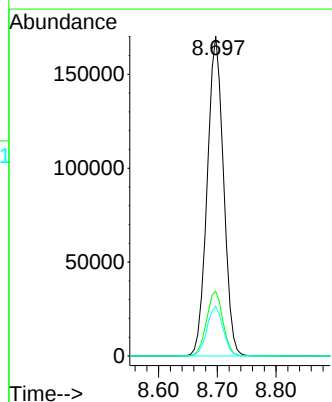
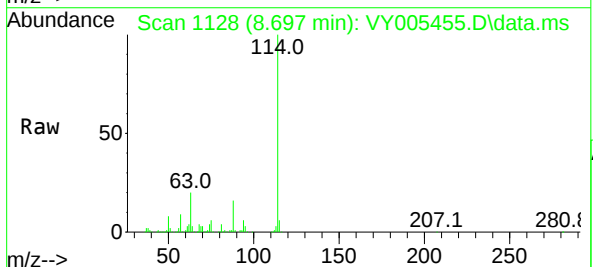
Instrument :
MSVOA_Y
ClientSampleId :

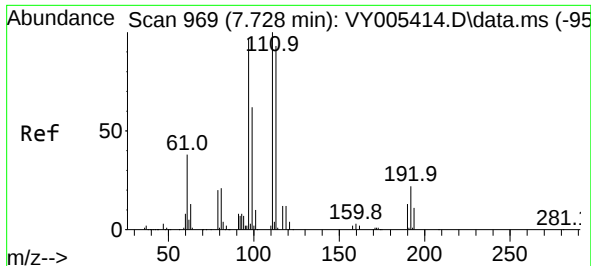
Tgt Ion: 65 Resp: 123661
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

Tgt Ion:114 Resp: 328345
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.0
88 15.5 0.0 30.8

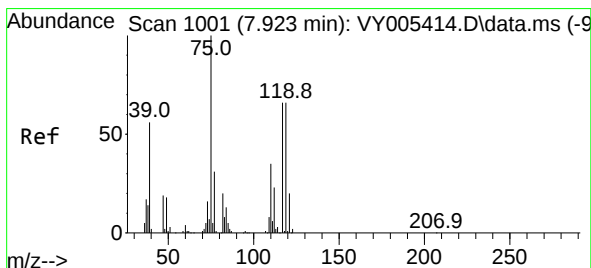
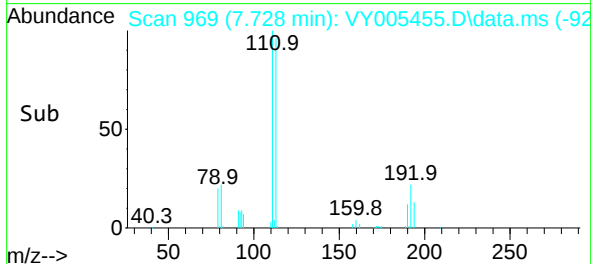
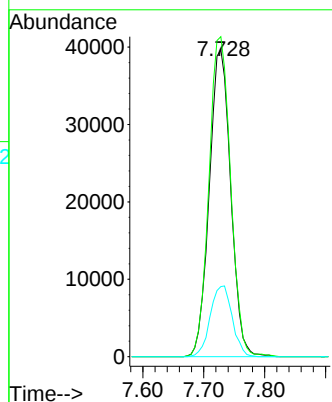
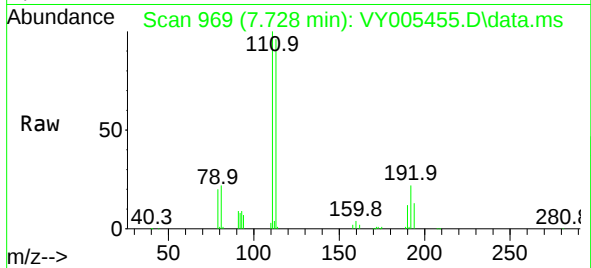




#35
Dibromofluoromethane
Concen: 51.170 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

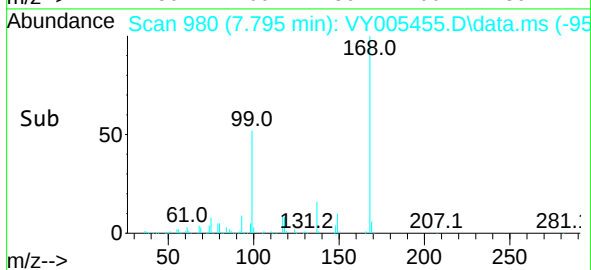
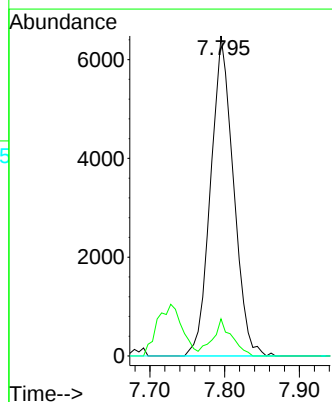
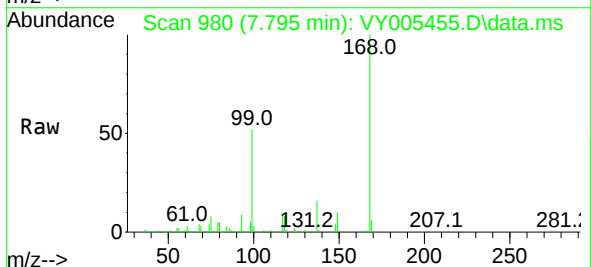
Instrument :
MSVOA_Y
ClientSampleId :

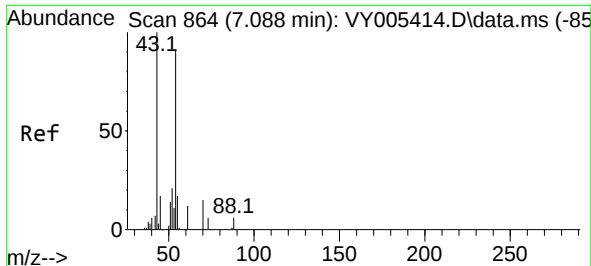
Tgt Ion:113 Resp: 97012
Ion Ratio Lower Upper
113 100
111 105.3 82.6 124.0
192 23.6 18.9 28.3



#36
1,1-Dichloropropene
Concen: 4.328 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

Tgt Ion: 75 Resp: 13739
Ion Ratio Lower Upper
75 100
110 9.6 17.6 52.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 4.621 ug/l

RT: 7.002 min Scan# 850

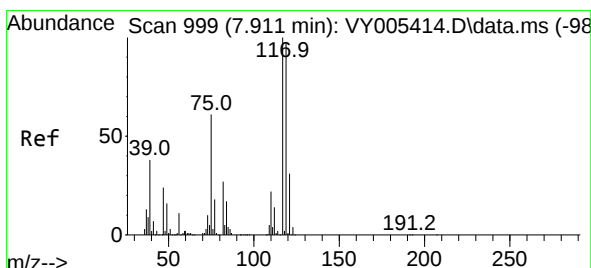
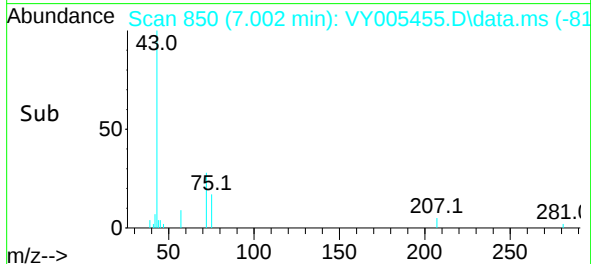
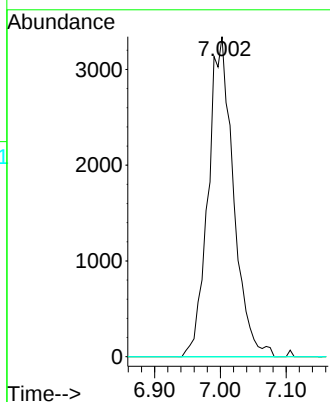
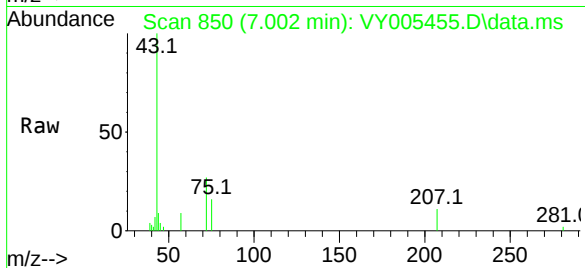
Delta R.T. -0.085 min

Lab File: VY005455.D

Acq: 26 Jul 2021 19:17

Tgt Ion:	43	Resp:	8931
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	0.0	7.9	11.9#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.247 ug/l

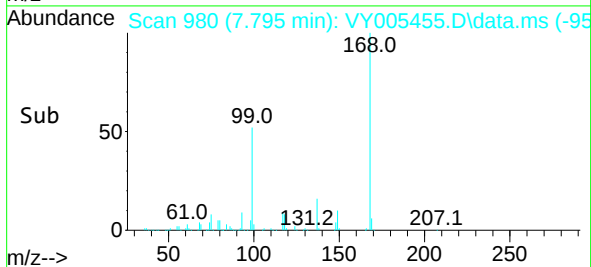
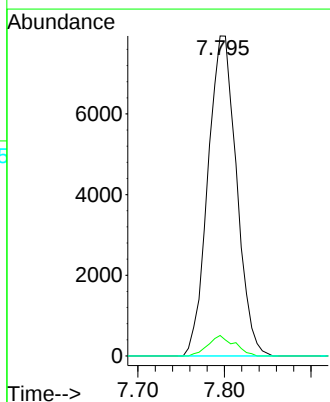
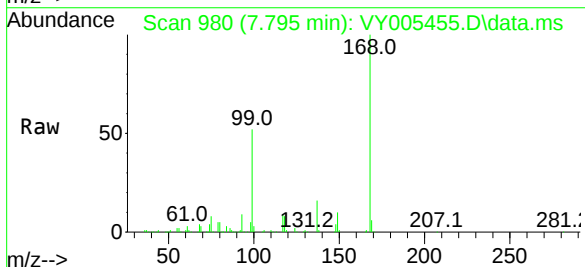
RT: 7.795 min Scan# 980

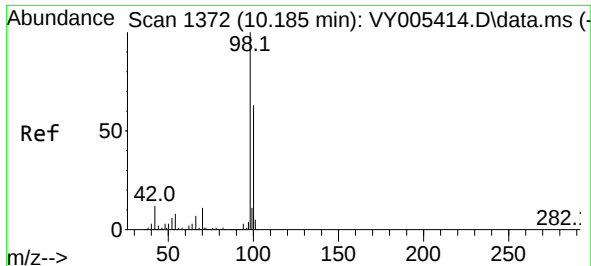
Delta R.T. -0.116 min

Lab File: VY005455.D

Acq: 26 Jul 2021 19:17

Tgt Ion:	117	Resp:	18202
Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.2	115.8#
121	0.0	25.1	37.7#

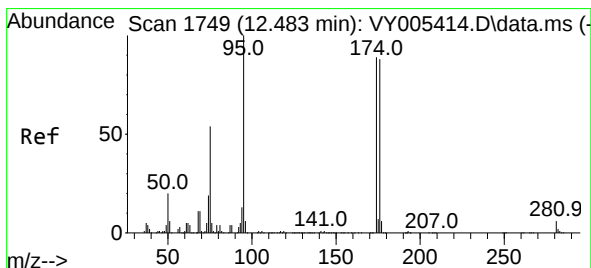
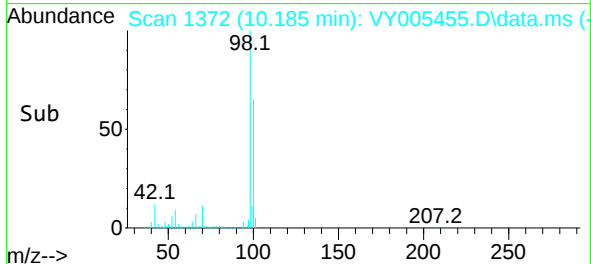
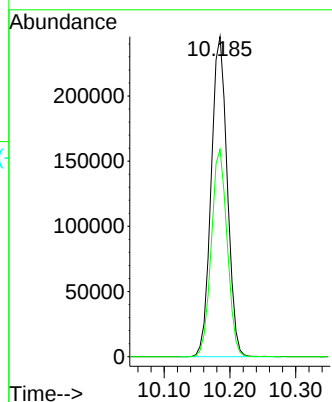
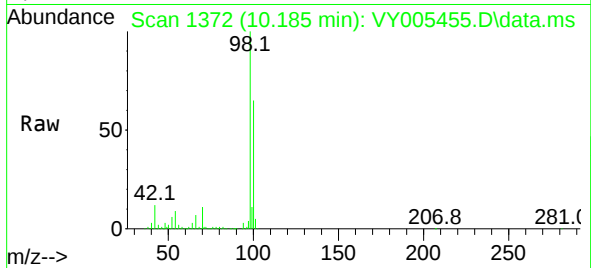




#50
Toluene-d8
Concen: 51.886 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

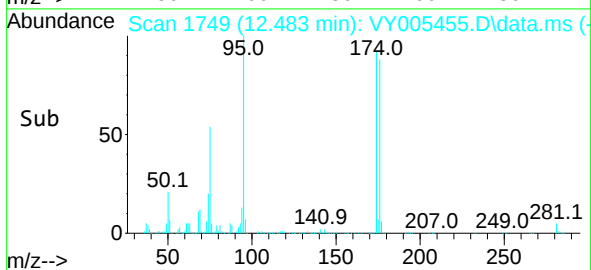
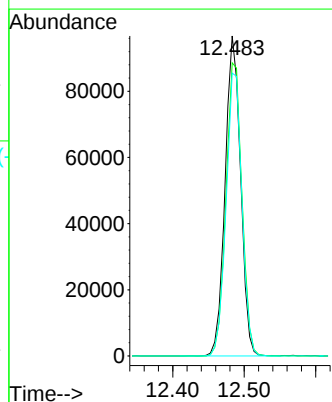
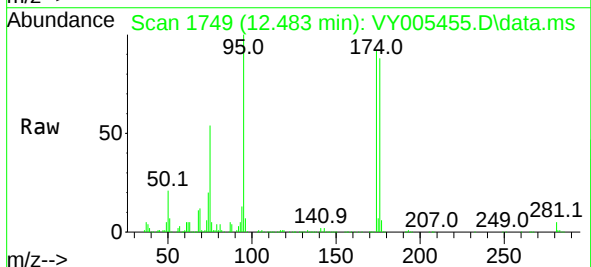
Instrument :
MSVOA_Y
ClientSampleId :

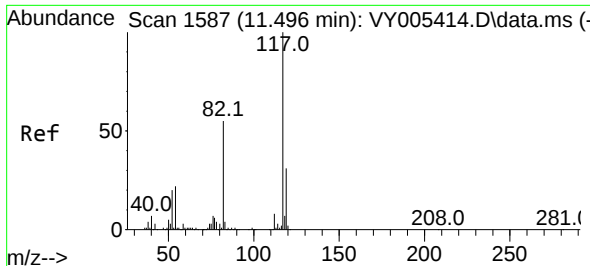
Tgt Ion: 98 Resp: 416933
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 54.666 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

Tgt Ion: 95 Resp: 144979
Ion Ratio Lower Upper
95 100
174 94.9 0.0 186.6
176 90.8 0.0 182.4

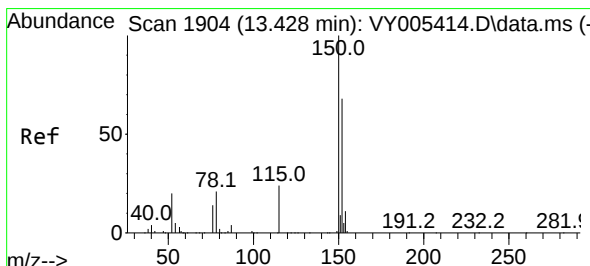
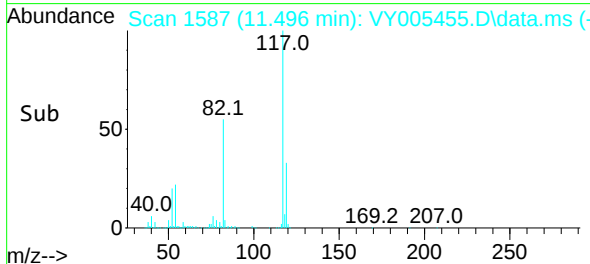
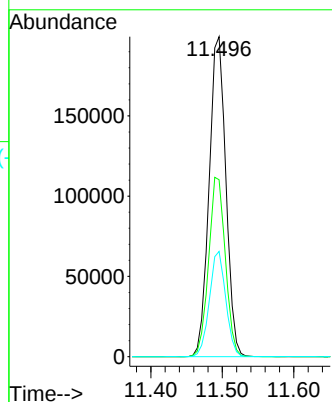
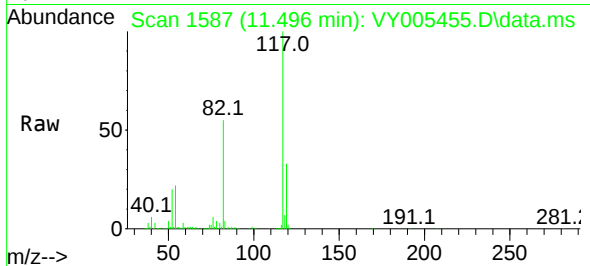




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

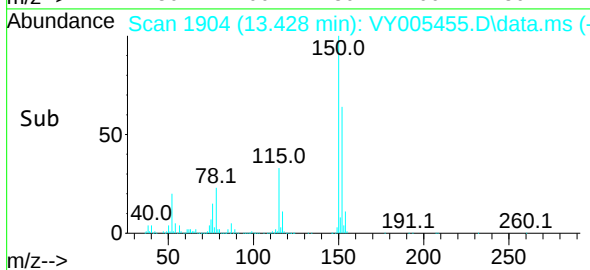
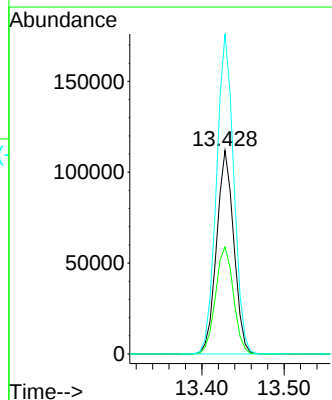
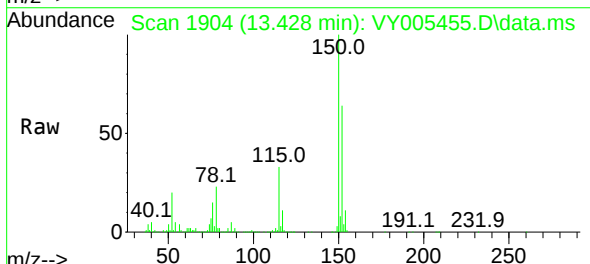
Instrument :
MSVOA_Y
ClientSampleId :

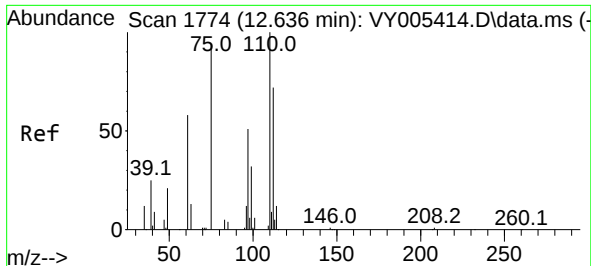
Tgt Ion:117 Resp: 324203
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.6
119 32.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

Tgt Ion:152 Resp: 162907
Ion Ratio Lower Upper
152 100
115 54.8 27.7 83.1
150 158.3 0.0 349.6

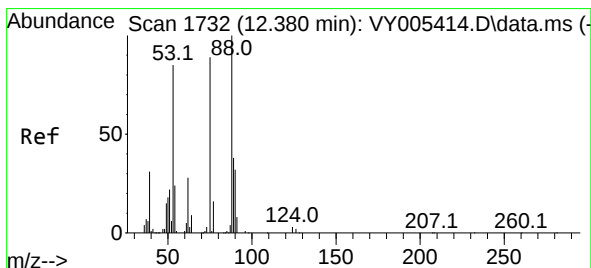
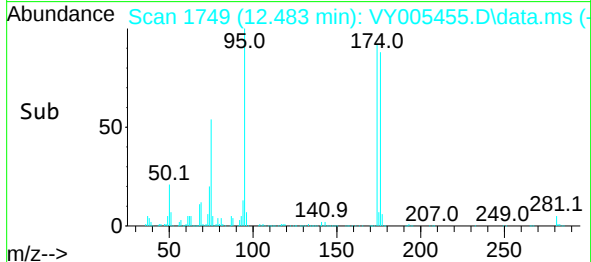
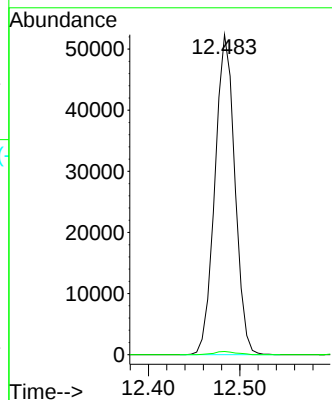
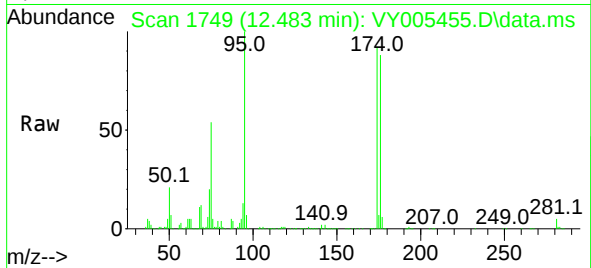




#76
1,2,3-Trichloropropane
Concen: 49.505 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 79355
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.125 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

Tgt Ion: 75 Resp: 79355
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 36.9 55.3#

