

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005454.D
 Acq On : 26 Jul 2021 18:54
 Operator : SY/MD
 Sample : M3159-08
 Misc : 4.30G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 03:12:40 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)

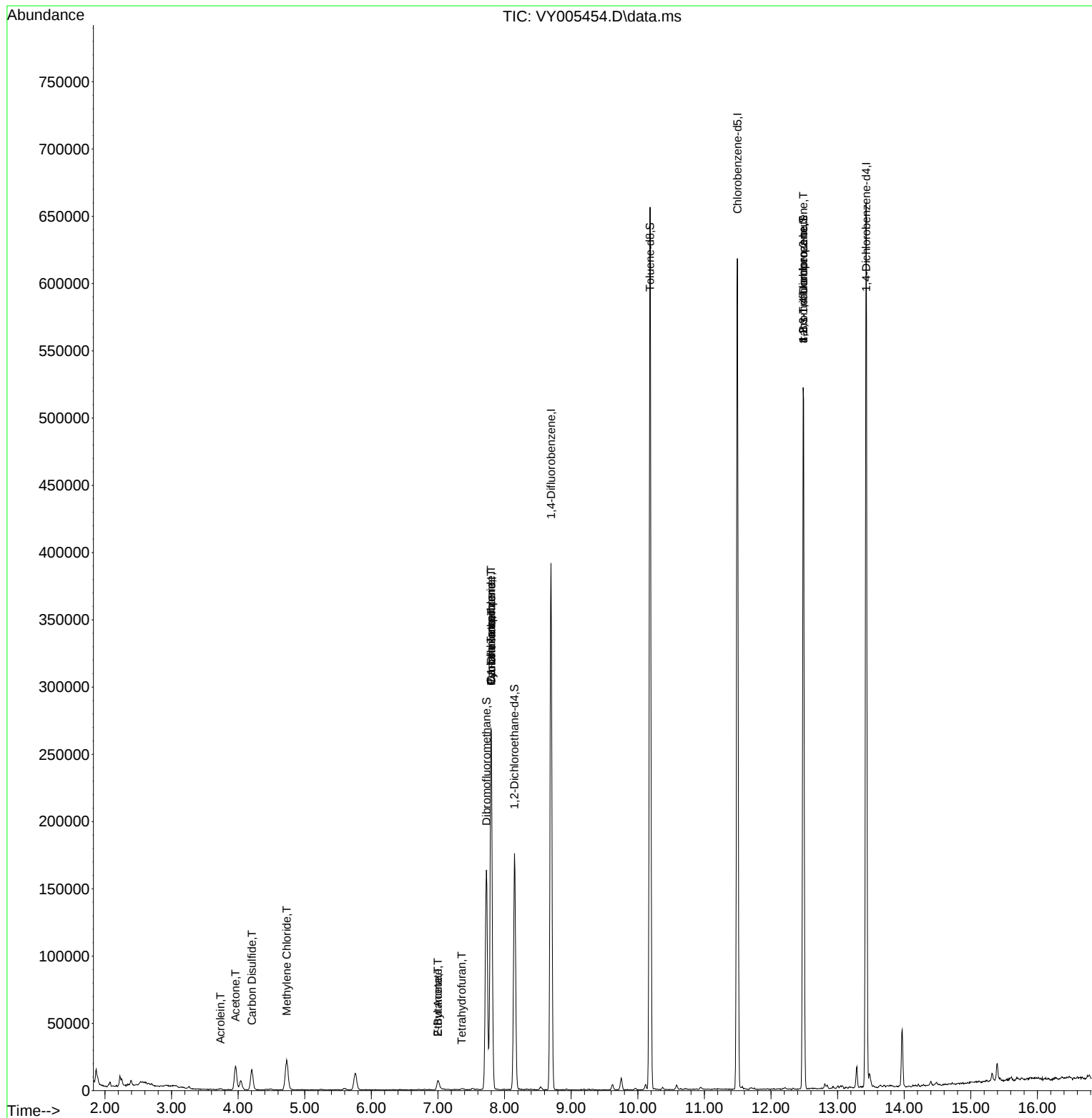
Internal Standards						
1) Pentafluorobenzene	7.801	168	218774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	326545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	328269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	139321	59.609	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.220%			
35) Dibromofluoromethane	7.728	113	112938	59.898	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.800%			
50) Toluene-d8	10.185	98	415521	51.996	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.000%			
62) 4-Bromofluorobenzene	12.483	95	146185	55.425	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.840%			
Target Compounds						Qvalue
13) Acrolein	3.735	56	885	4.377	ug/l #	55
16) Acetone	3.960	43	30393	56.942	ug/l	93
17) Carbon Disulfide	4.204	76	29414	4.253	ug/l	100
20) Methylene Chloride	4.729	84	16201	4.195	ug/l	97
25) 2-Butanone	6.997	43	9807	12.269	ug/l	97
29) Tetrahydrofuran	7.356	42	659	1.245	ug/l #	62
31) Cyclohexane	7.801	56	4406	1.104	ug/l #	23
36) 1,1-Dichloropropene	7.795	75	15983	5.062	ug/l #	50
37) Ethyl Acetate	6.997	43	9807	5.103	ug/l #	70
38) Carbon Tetrachloride	7.795	117	20432	5.922	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	80059	48.350	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80059	93.882	ug/l #	11

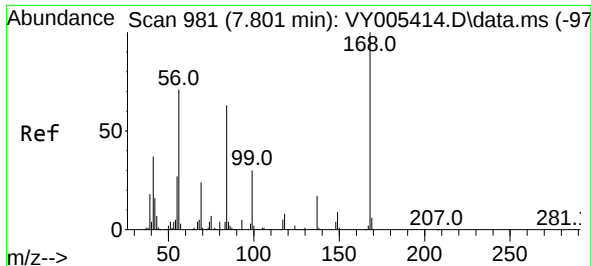
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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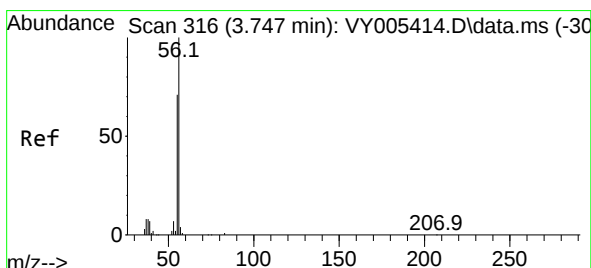
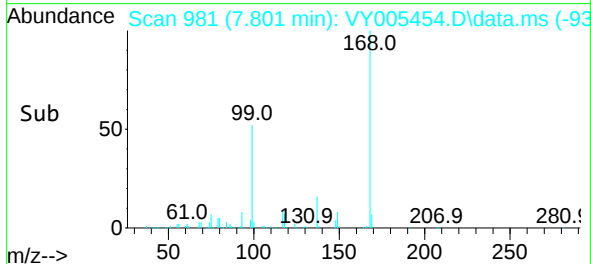
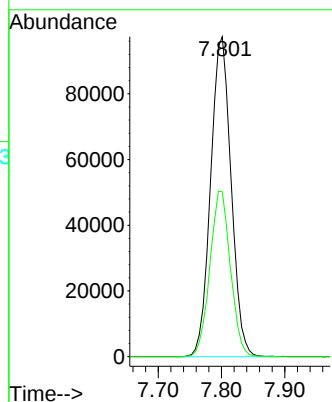
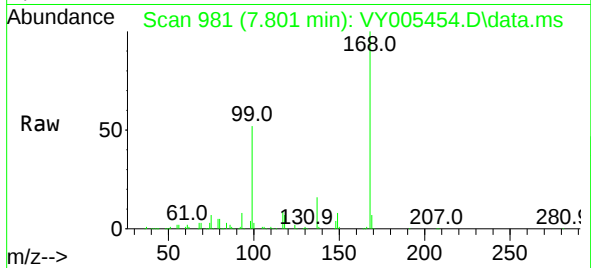




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

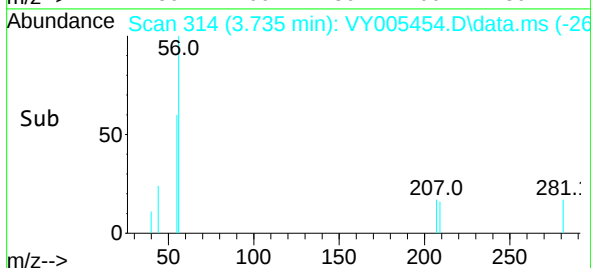
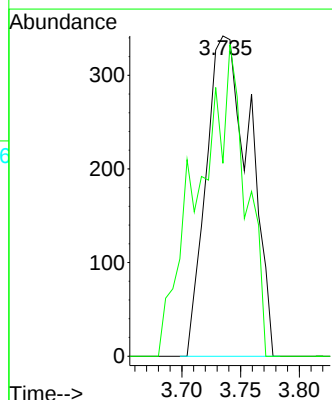
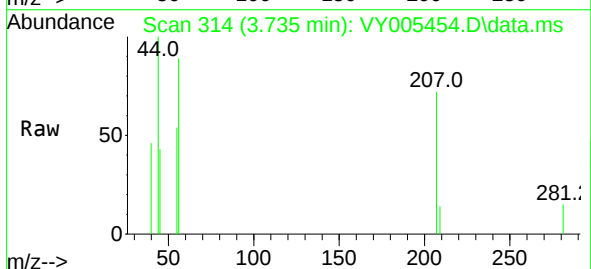
Instrument :
MSVOA_Y
ClientSampleId :

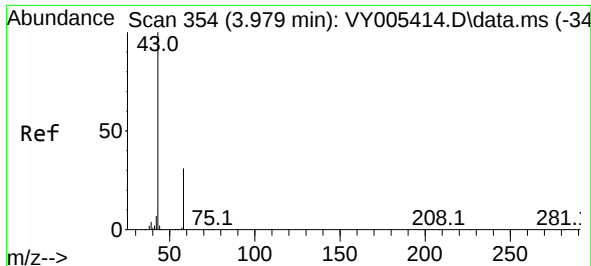
Tgt Ion:168 Resp: 218774
Ion Ratio Lower Upper
168 100
99 51.6 39.8 59.6



#13
Acrolein
Concen: 4.377 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.012 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

Tgt Ion: 56 Resp: 885
Ion Ratio Lower Upper
56 100
55 105.3 55.2 82.8#

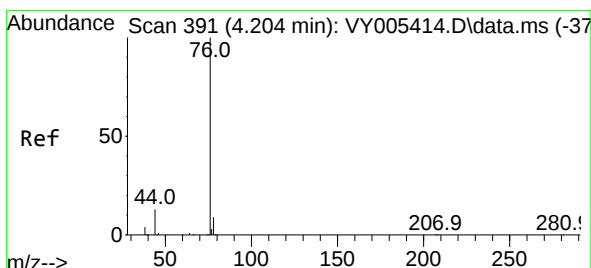
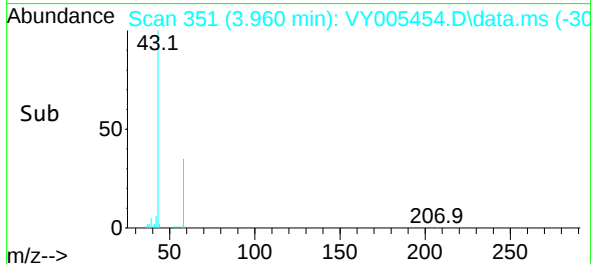
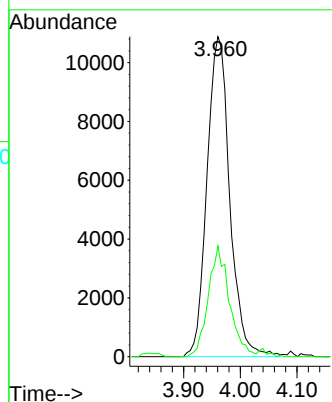
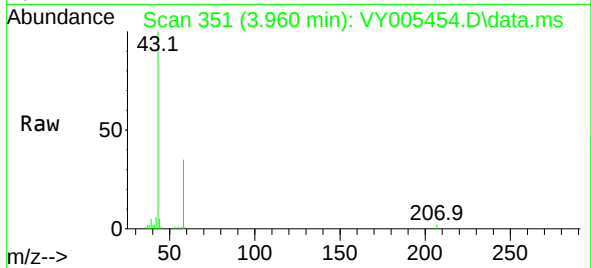




#16
Acetone
Concen: 56.942 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

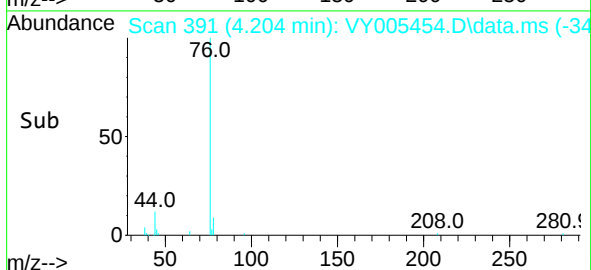
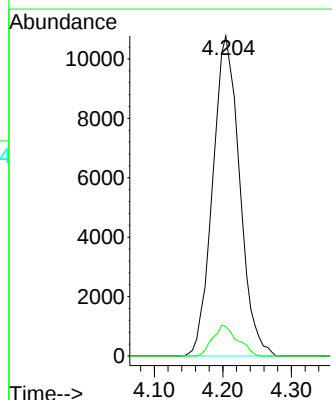
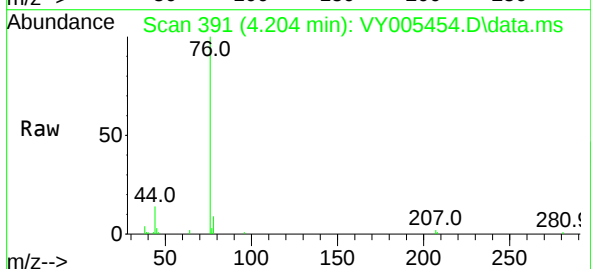
Instrument :
MSVOA_Y
ClientSampleId :

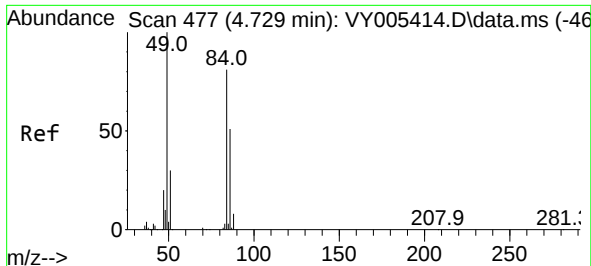
Tgt Ion: 43 Resp: 30393
Ion Ratio Lower Upper
43 100
58 34.6 24.5 36.7



#17
Carbon Disulfide
Concen: 4.253 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

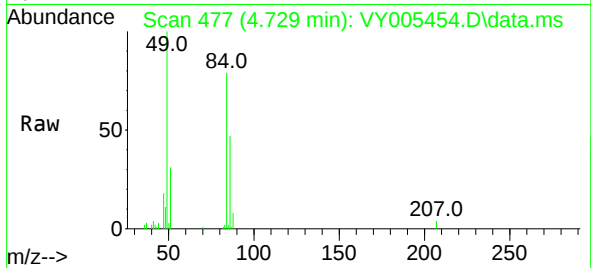
Tgt Ion: 76 Resp: 29414
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



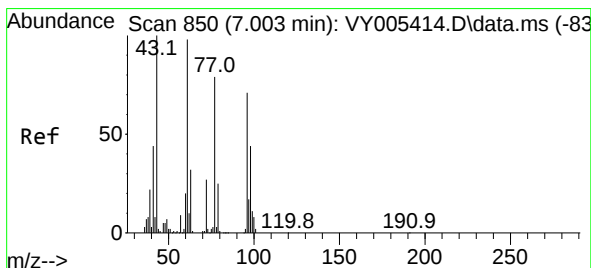
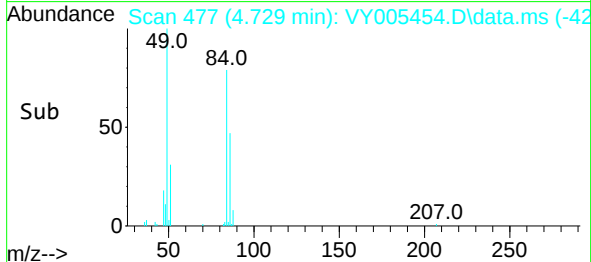
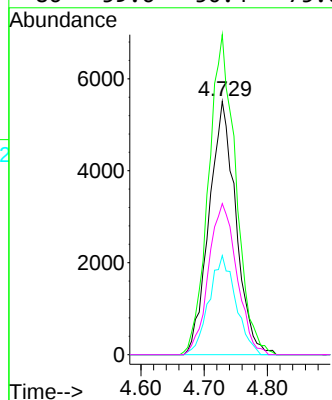


#20
Methylene Chloride
Concen: 4.195 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

Instrument :
MSVOA_Y
ClientSampled :

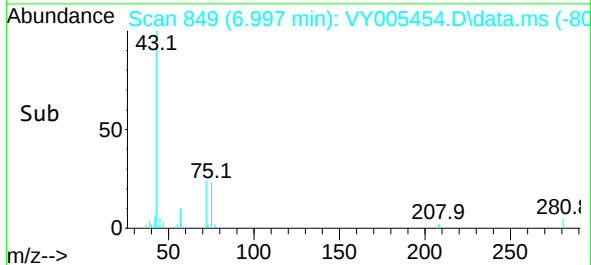
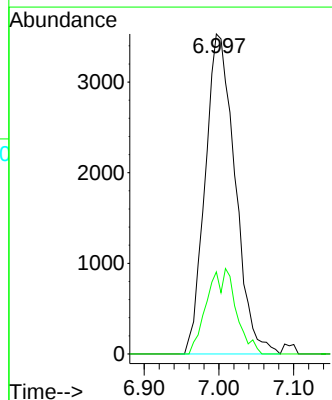
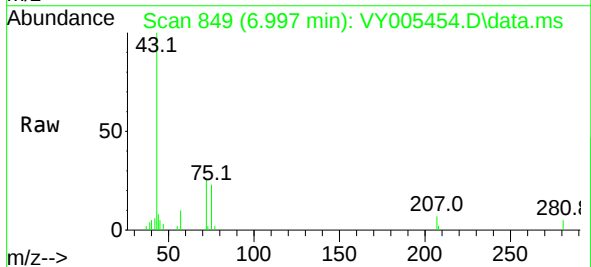


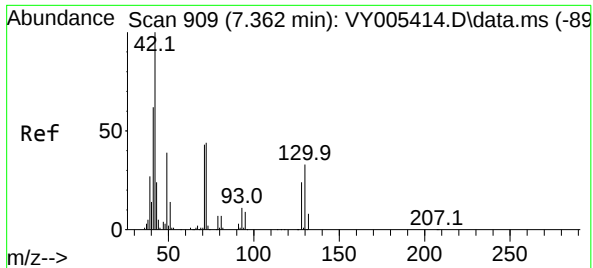
Tgt Ion:	84	Resp:	16201
Ion	Ratio	Lower	Upper
84	100		
49	126.3	98.9	148.3
51	39.1	30.0	45.0
86	59.6	50.4	75.6



#25
2-Butanone
Concen: 12.269 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

Tgt Ion:	43	Resp:	9807
Ion	Ratio	Lower	Upper
43	100		
72	25.7	21.9	32.9





#29

Tetrahydrofuran

Concen: 1.245 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.006 min

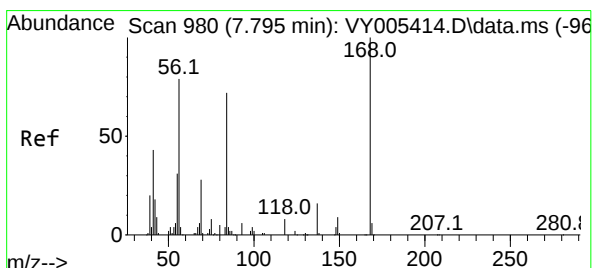
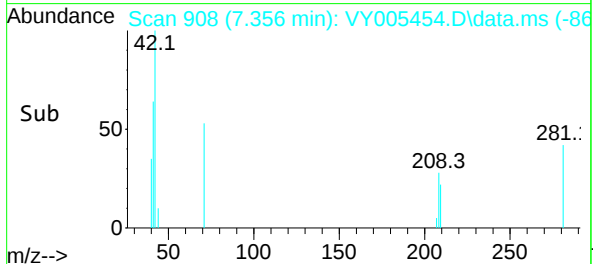
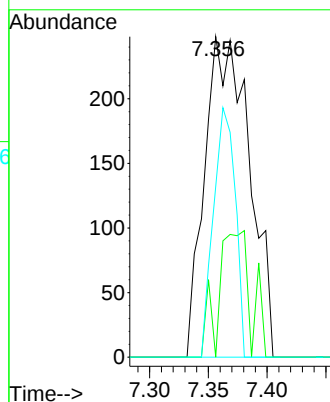
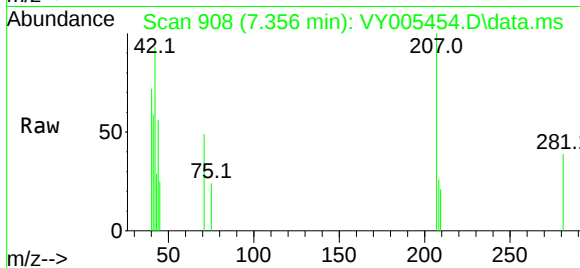
Lab File: VY005454.D

Acq: 26 Jul 2021 18:54

Tgt Ion: 42 Resp: 659

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.3	52.9#
71	37.8	33.4	50.2

Instrument :
MSVOA_Y
ClientSampleId :



#31

Cyclohexane

Concen: 1.104 ug/l

RT: 7.801 min Scan# 981

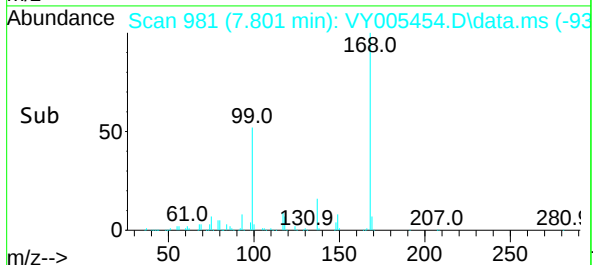
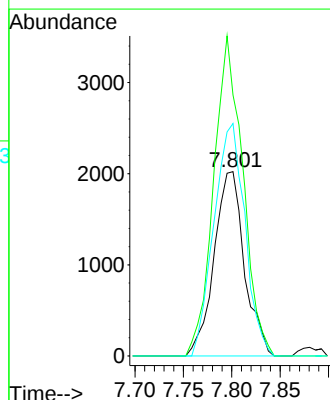
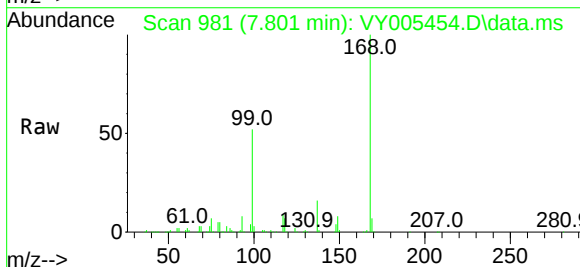
Delta R.T. 0.006 min

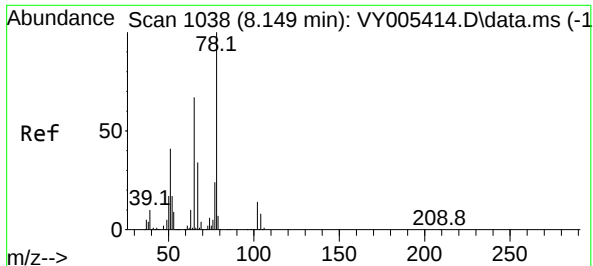
Lab File: VY005454.D

Acq: 26 Jul 2021 18:54

Tgt Ion: 56 Resp: 4406

Ion	Ratio	Lower	Upper
56	100		
69	141.6	28.7	43.1#
84	126.2	73.0	109.6#

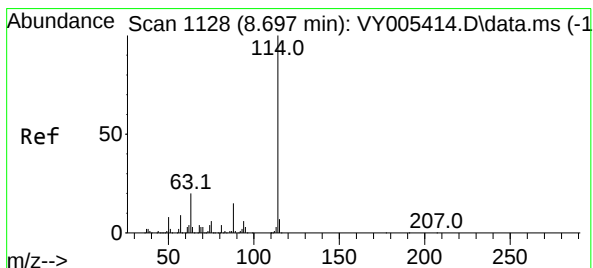
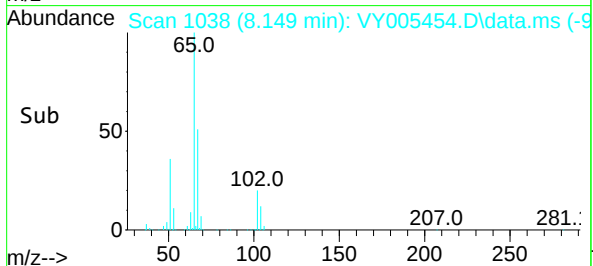
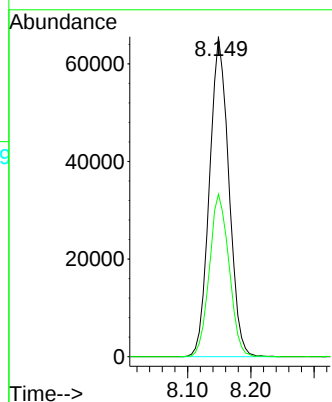
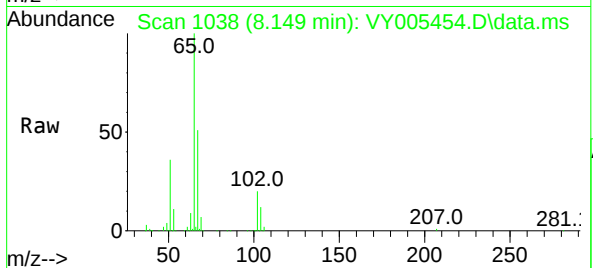




#33
1,2-Dichloroethane-d4
Concen: 59.609 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

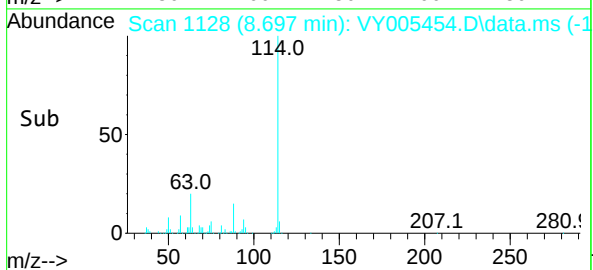
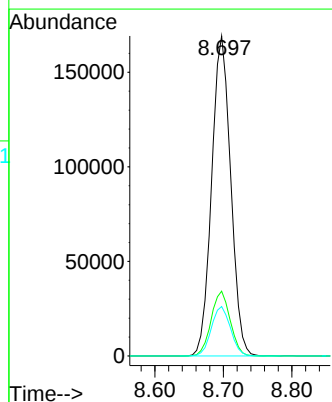
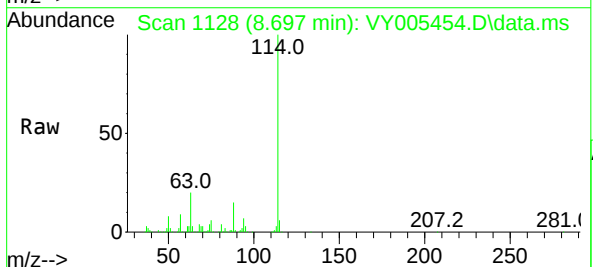
Instrument :
MSVOA_Y
ClientSampled :

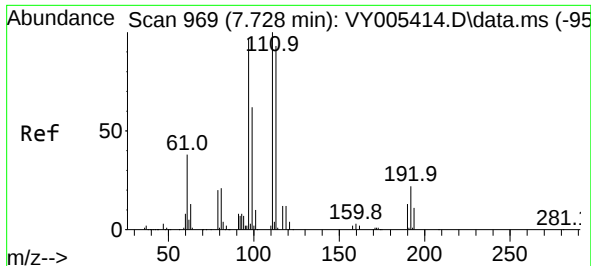
Tgt Ion: 65 Resp: 139321
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

Tgt Ion: 114 Resp: 326545
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.0
88 15.5 0.0 30.8

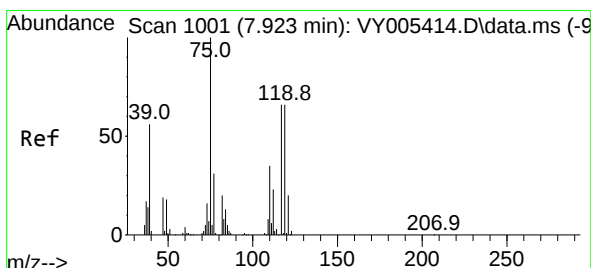
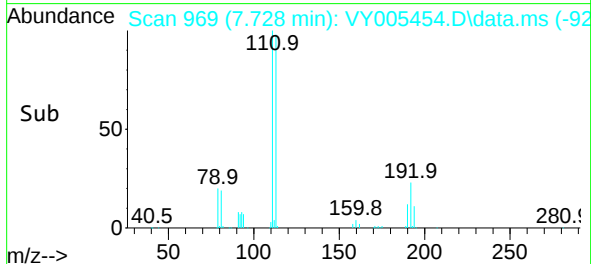
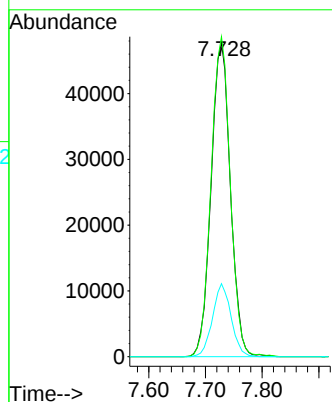
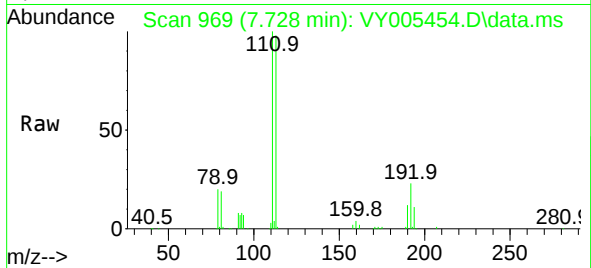




#35
Dibromofluoromethane
Concen: 59.898 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

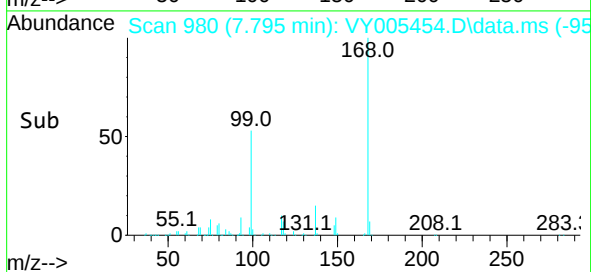
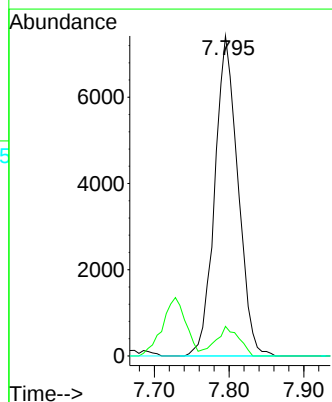
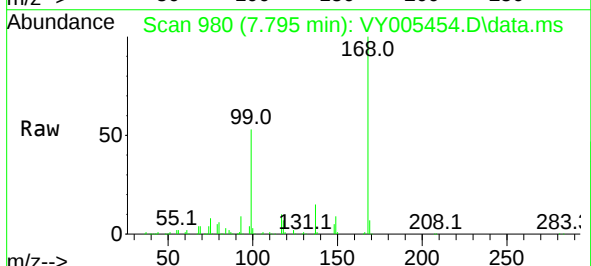
Instrument :
MSVOA_Y
ClientSampleId :

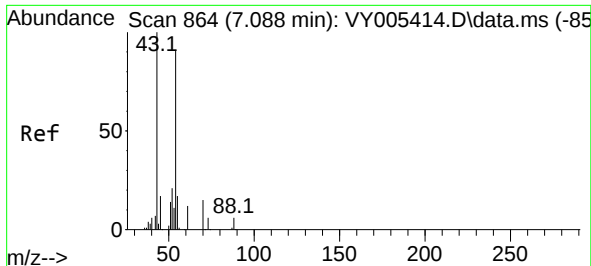
Tgt Ion:113 Resp: 112938
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 22.3 18.9 28.3



#36
1,1-Dichloropropene
Concen: 5.062 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

Tgt Ion: 75 Resp: 15983
Ion Ratio Lower Upper
75 100
110 8.9 17.6 52.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 5.103 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.091 min

Lab File: VY005454.D

Acq: 26 Jul 2021 18:54

Tgt Ion: 43 Resp: 9807

Ion Ratio Lower Upper

43 100

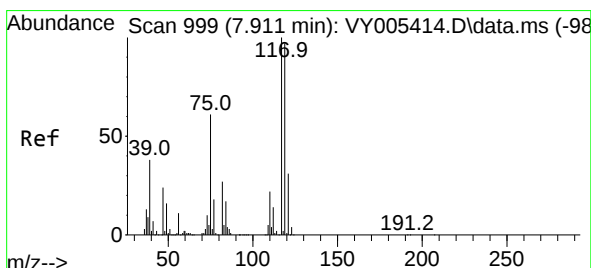
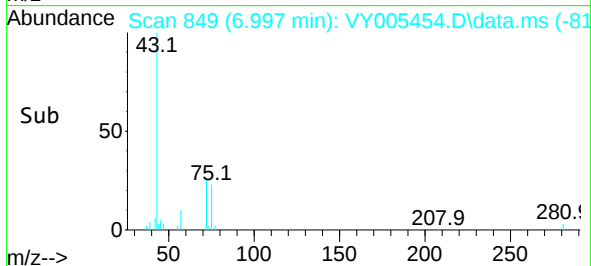
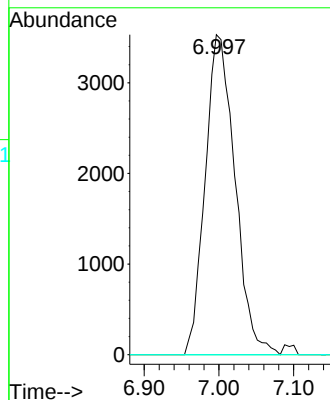
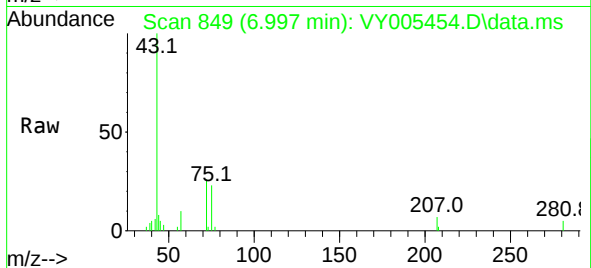
61 0.0 10.3 15.5#

70 0.0 7.9 11.9#

Instrument :

MSVOA_Y

ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.922 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY005454.D

Acq: 26 Jul 2021 18:54

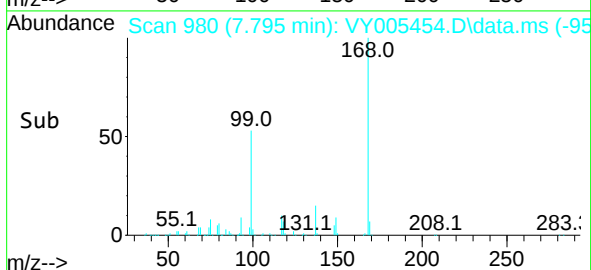
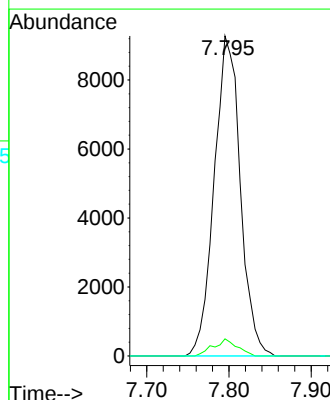
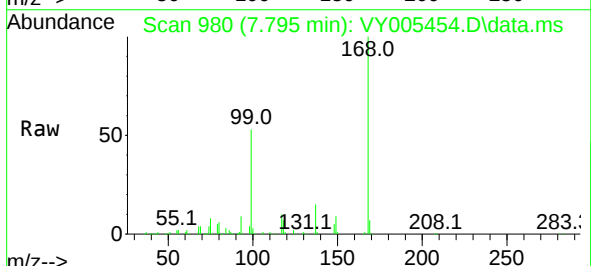
Tgt Ion: 117 Resp: 20432

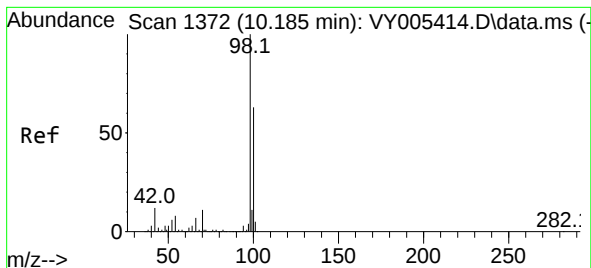
Ion Ratio Lower Upper

117 100

119 5.3 77.2 115.8#

121 0.0 25.1 37.7#

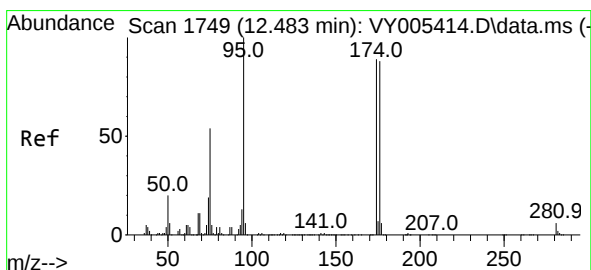
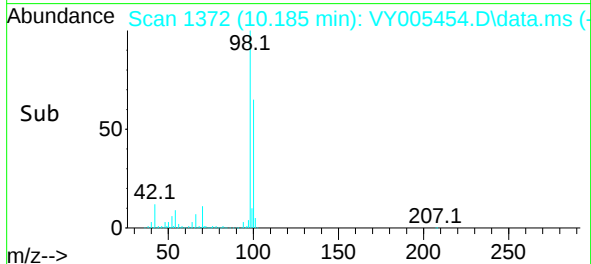
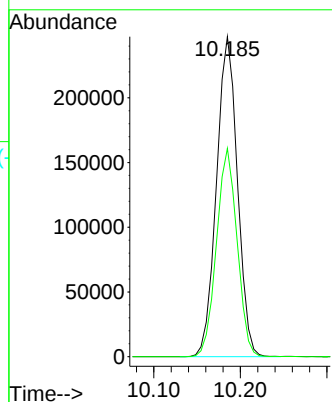
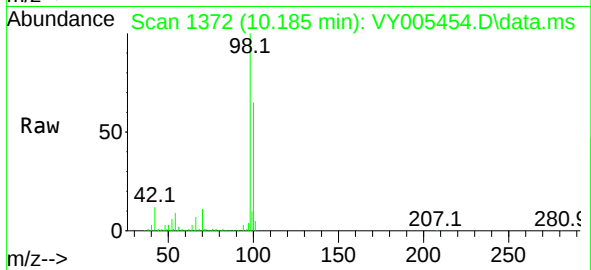




#50
Toluene-d8
Concen: 51.996 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

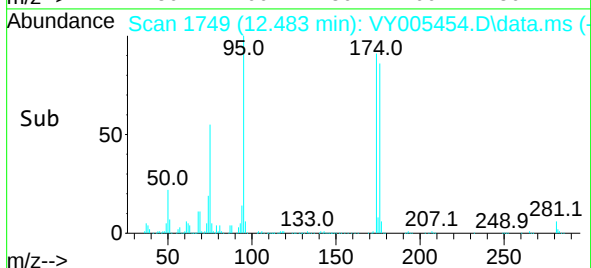
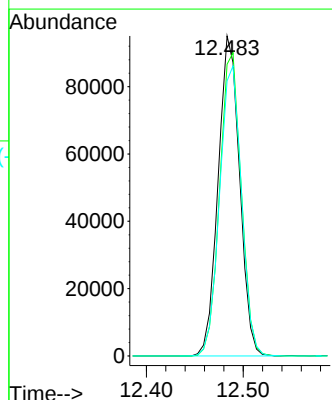
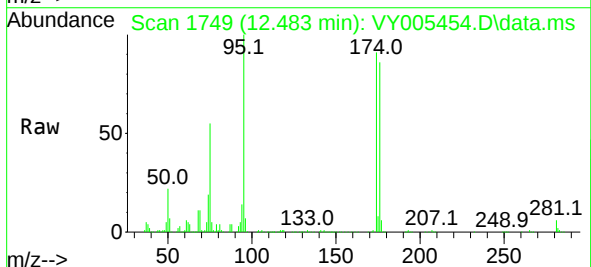
Instrument :
MSVOA_Y
ClientSampled :

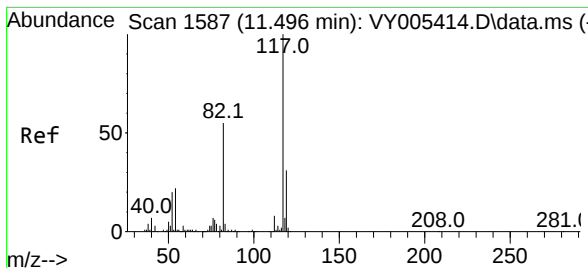
Tgt Ion: 98 Resp: 415521
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 55.425 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

Tgt Ion: 95 Resp: 146185
Ion Ratio Lower Upper
95 100
174 95.1 0.0 186.6
176 92.4 0.0 182.4

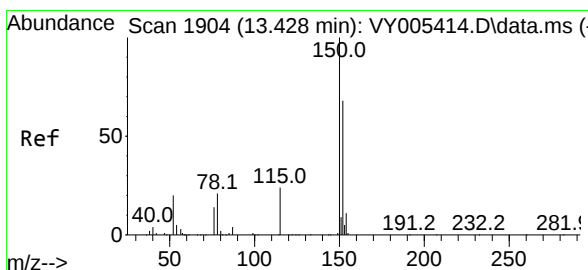
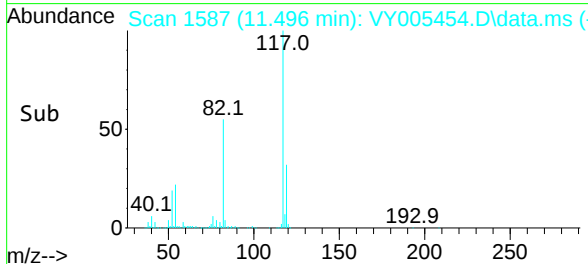
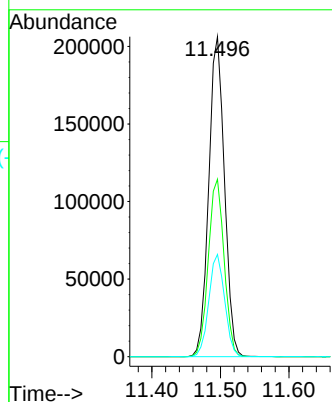
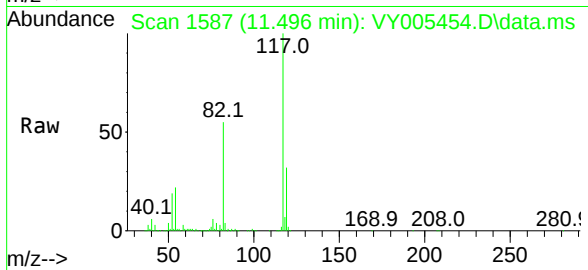




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

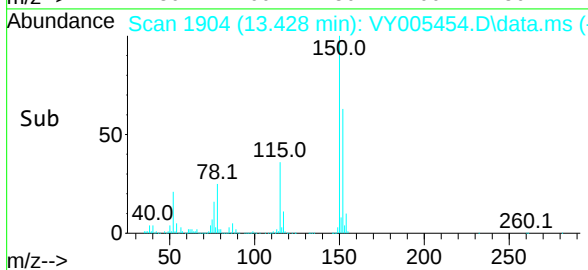
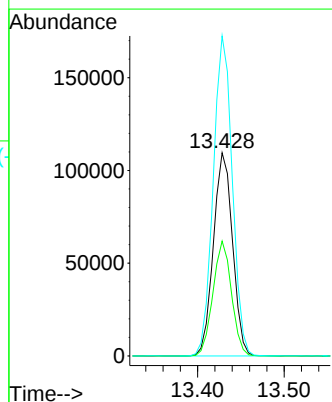
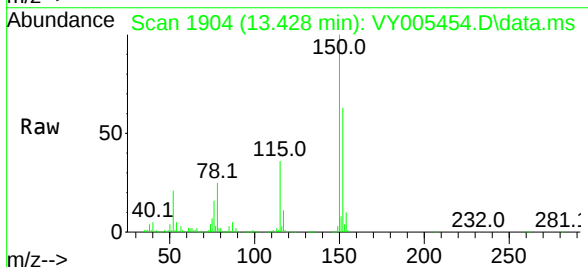
Instrument :
MSVOA_Y
ClientSampleId :

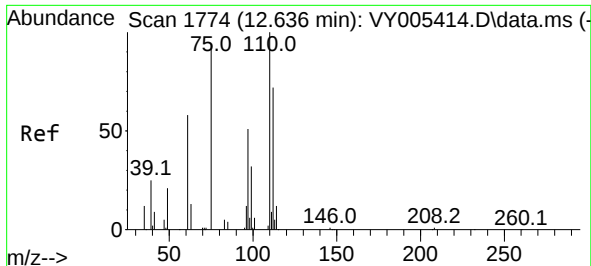
Tgt Ion:117 Resp: 328269
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.6
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

Tgt Ion:152 Resp: 168279
Ion Ratio Lower Upper
152 100
115 54.8 27.7 83.1
150 156.7 0.0 349.6

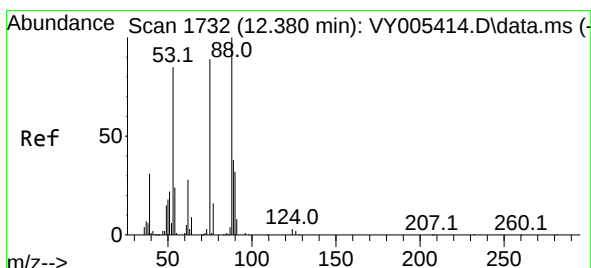
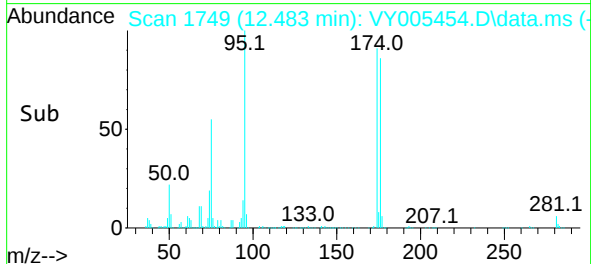
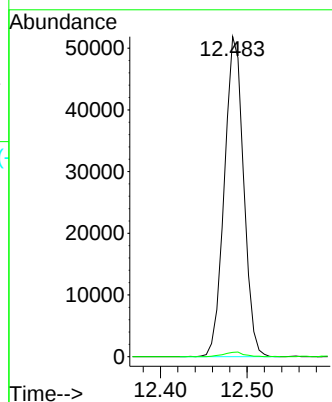
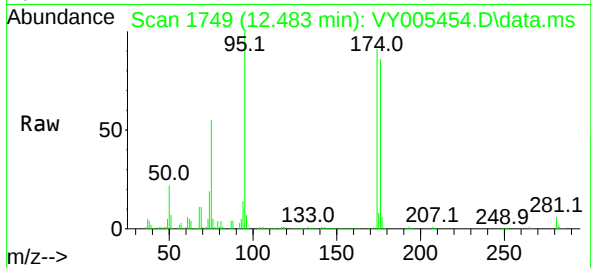




#76
1,2,3-Trichloropropane
Concen: 48.350 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80059
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.882 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

Tgt Ion: 75 Resp: 80059
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.1 36.9 55.3#

