

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY005001.D
 Acq On : 07 Jun 2021 18:28
 Operator : SY/MD
 Sample : M2612-18
 Misc : 9.74G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:10:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

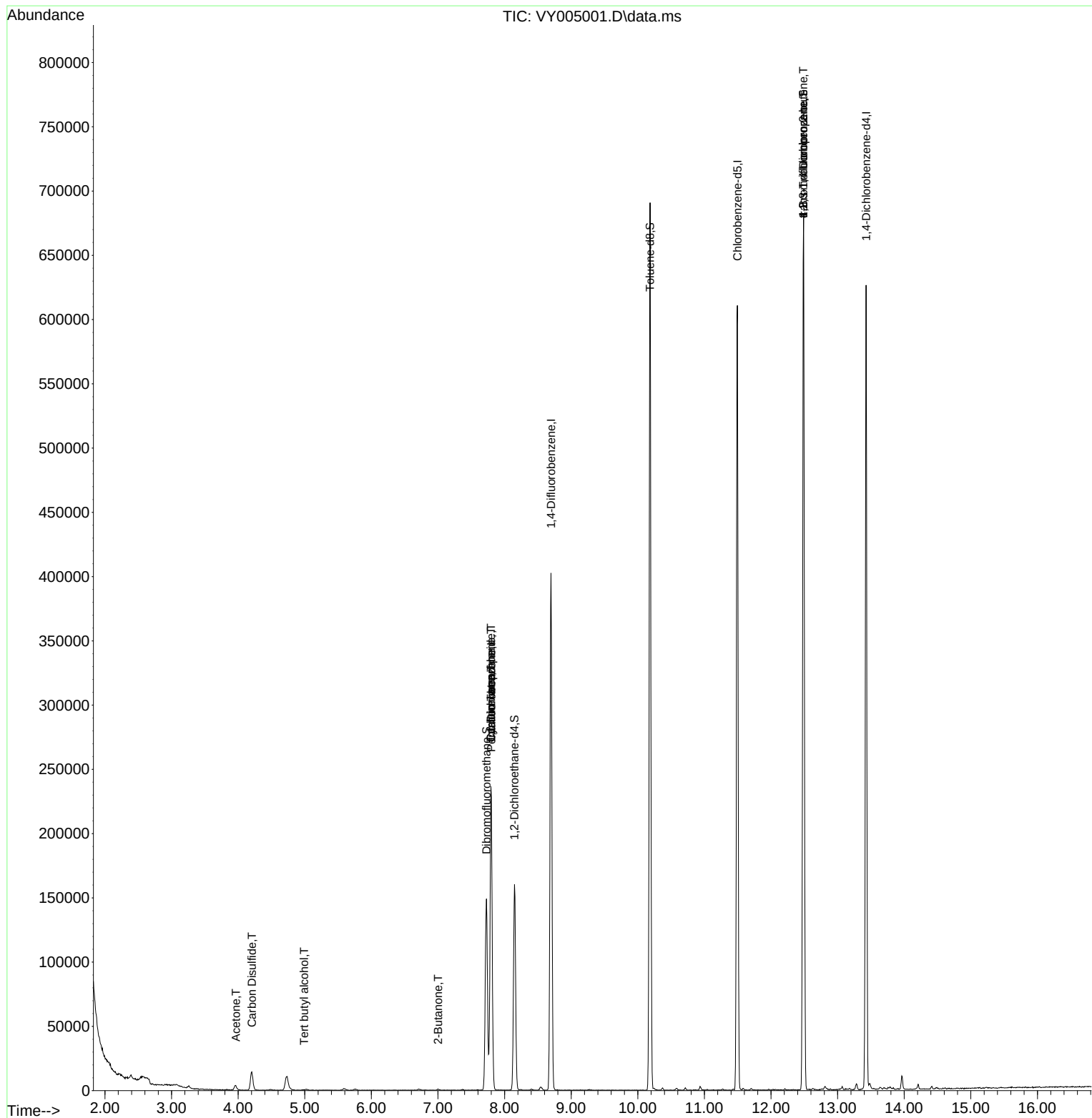
Internal Standards						
1) Pentafluorobenzene	7.801	168	176504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	340542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	328104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	121053	64.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.740%	
35) Dibromofluoromethane	7.728	113	106404	58.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.160%	
50) Toluene-d8	10.185	98	429230	56.409	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.820%	
62) 4-Bromofluorobenzene	12.483	95	145905	55.754	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.991	59	241	1.123	ug/l #	74
16) Acetone	3.966	43	6166	13.727	ug/l #	87
17) Carbon Disulfide	4.204	76	28551	5.118	ug/l	97
20) Methylene Chloride	4.735	84	8120	Below Cal		95
25) 2-Butanone	7.002	43	1330	1.761	ug/l #	89
31) Cyclohexane	7.795	56	3889	1.184	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14127	4.239	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17874	6.162	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	80467	48.889	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80467	89.848	ug/l #	16

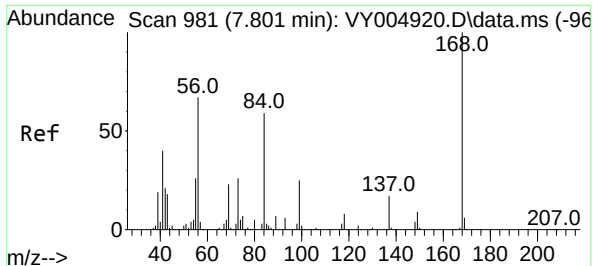
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration

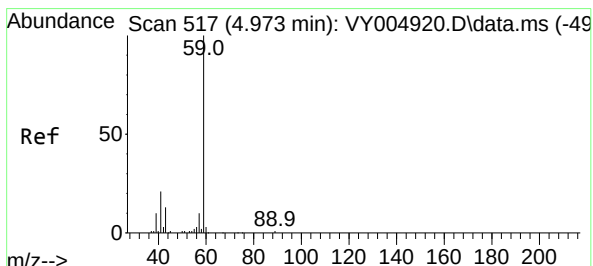
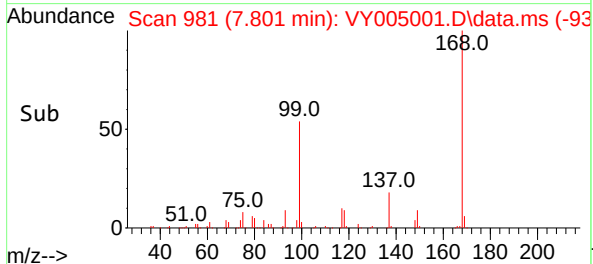
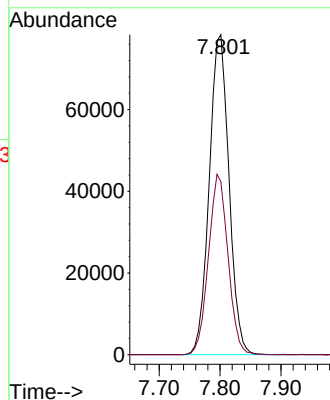
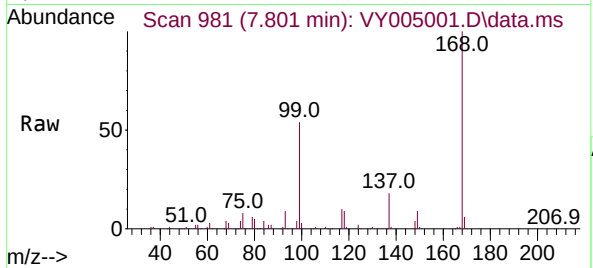




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28

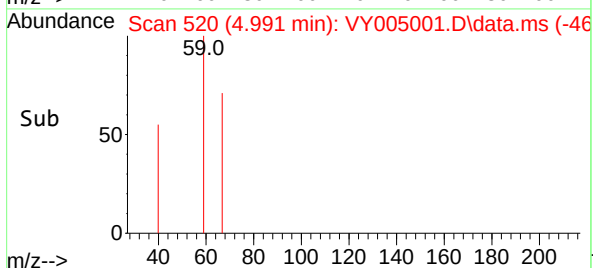
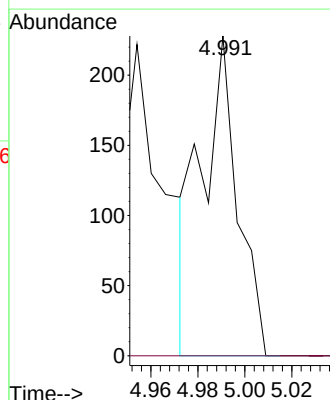
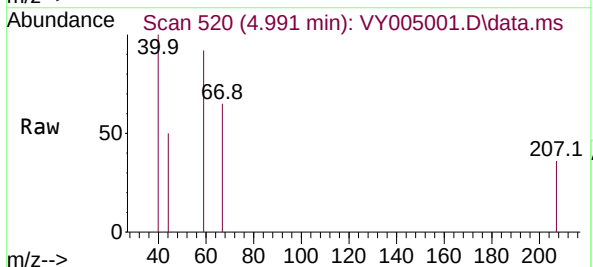
Instrument :
MSVOA_Y
ClientSampleId :

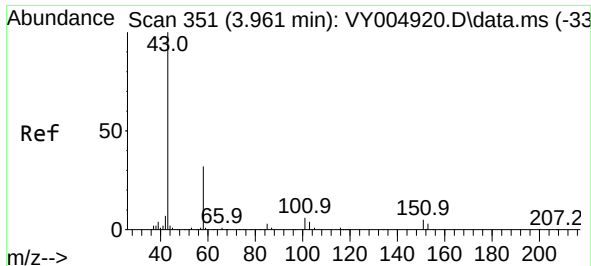
Tgt Ion:168 Resp: 176504
Ion Ratio Lower Upper
168 100
99 54.0 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.123 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.018 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28

Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

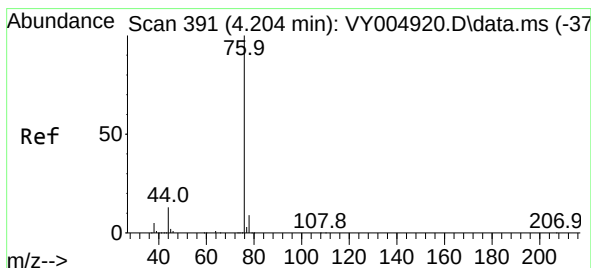
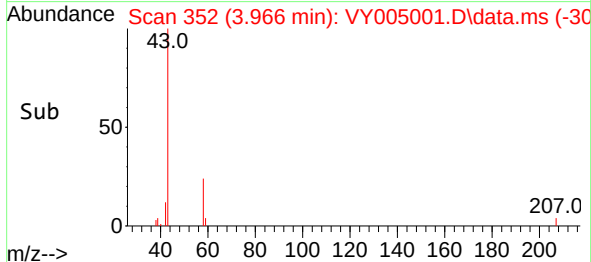
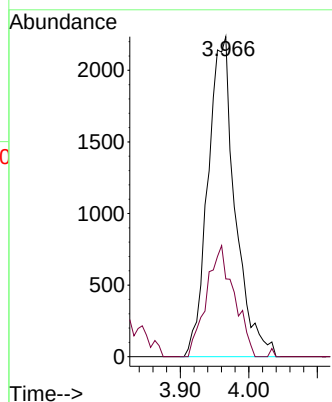
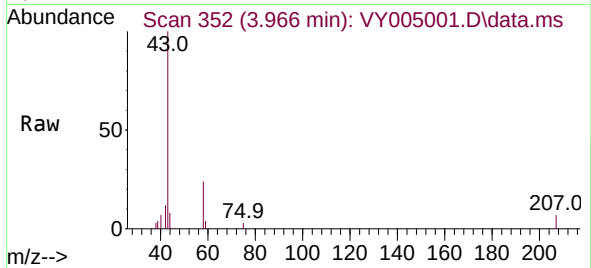




#16
Acetone
Concen: 13.727 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28

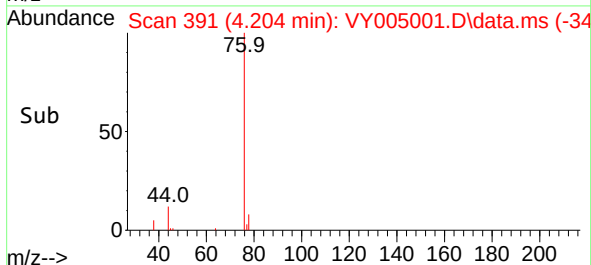
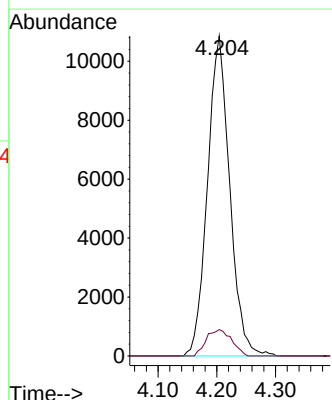
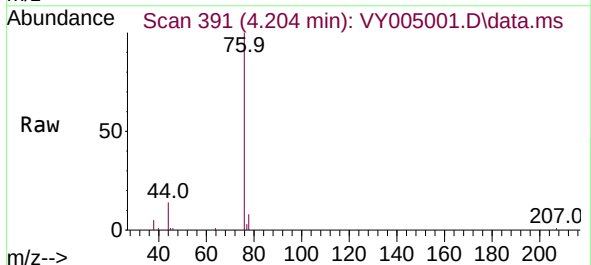
Instrument :
MSVOA_Y
ClientSampleId :

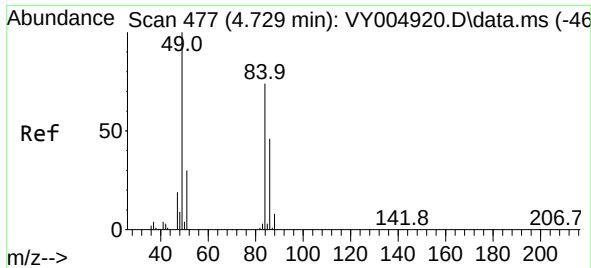
Tgt Ion: 43 Resp: 6166
Ion Ratio Lower Upper
43 100
58 24.3 25.3 37.9#



#17
Carbon Disulfide
Concen: 5.118 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28

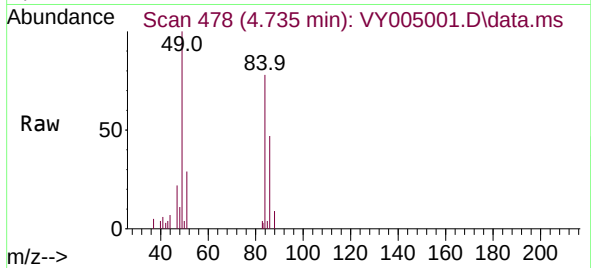
Tgt Ion: 76 Resp: 28551
Ion Ratio Lower Upper
76 100
78 8.3 7.6 11.4



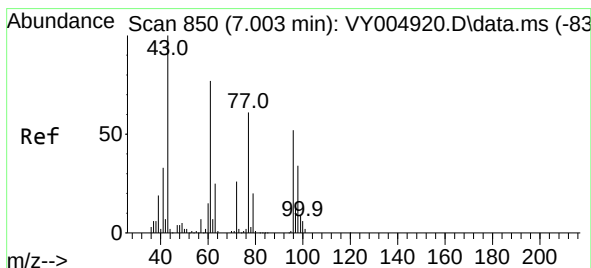
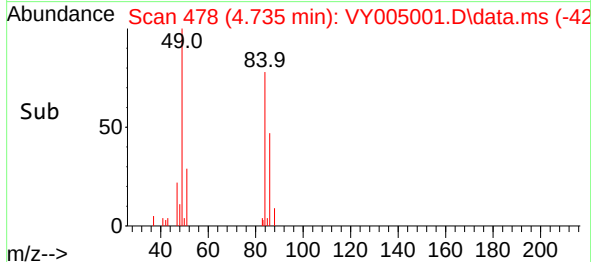
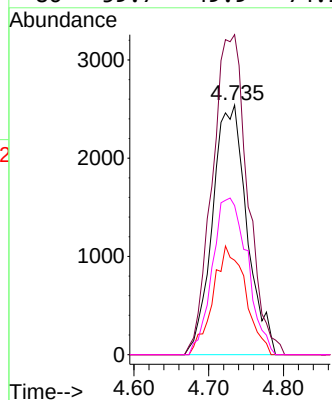


#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28

Instrument :
MSVOA_Y
ClientSampled :

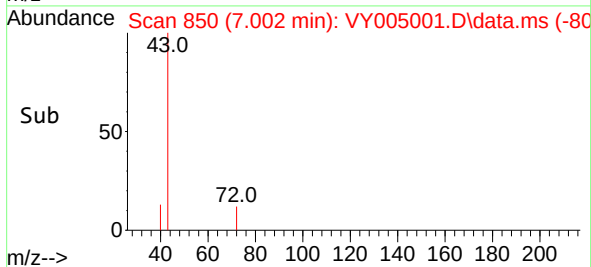
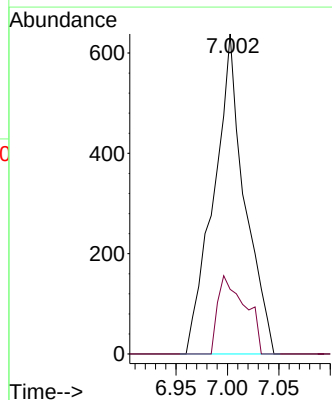
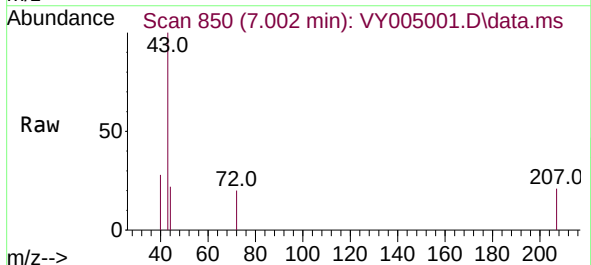


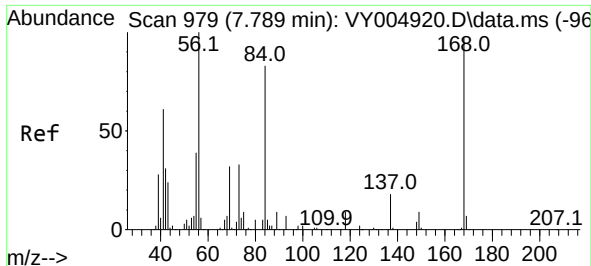
Tgt Ion:	84	Resp:	8120
Ion	Ratio	Lower	Upper
84	100		
49	128.2	108.0	162.0
51	37.8	32.6	48.8
86	59.7	49.9	74.9



#25
2-Butanone
Concen: 1.761 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28

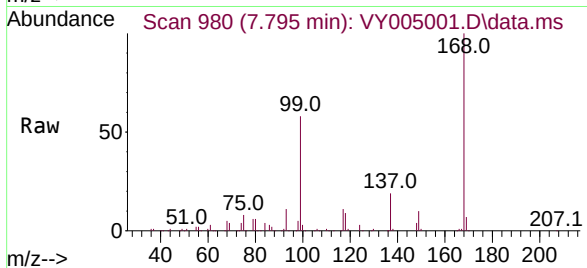
Tgt Ion:	43	Resp:	1330
Ion	Ratio	Lower	Upper
43	100		
72	20.2	20.6	31.0#



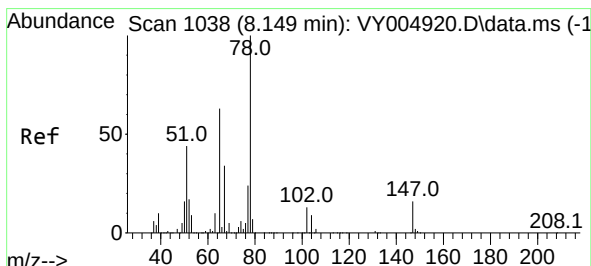
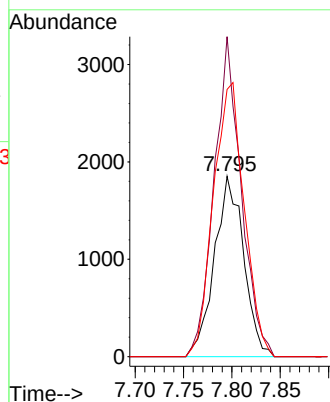
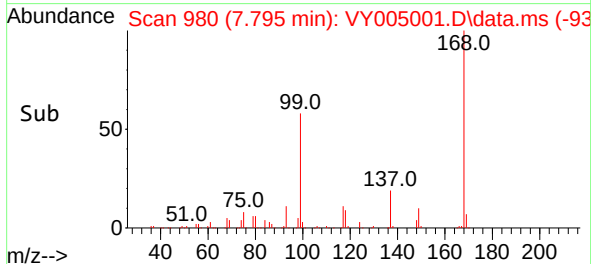


#31
Cyclohexane
Concen: 1.184 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28

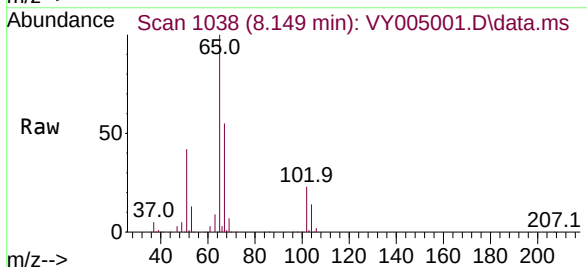
Instrument :
MSVOA_Y
ClientSampled :



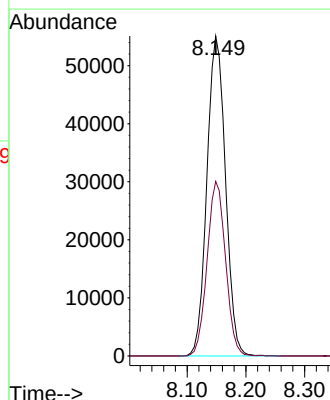
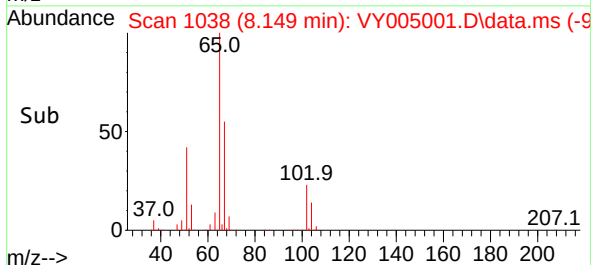
Tgt Ion: 56 Resp: 3889
Ion Ratio Lower Upper
56 100
69 177.4 25.3 37.9#
84 148.2 66.2 99.4#

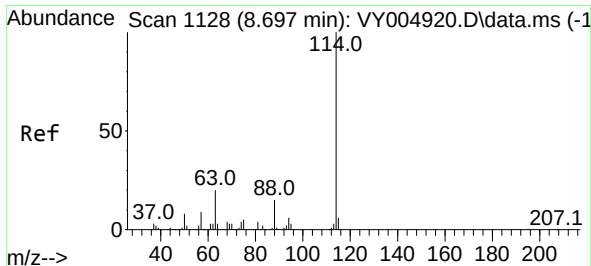


#33
1,2-Dichloroethane-d4
Concen: 64.874 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28



Tgt Ion: 65 Resp: 121053
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.6

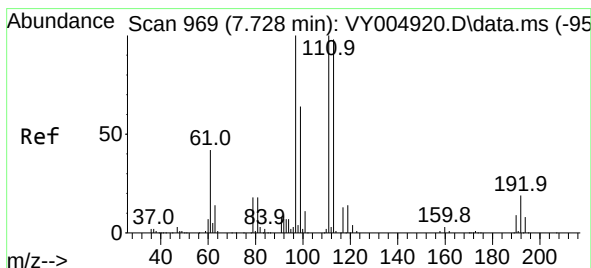
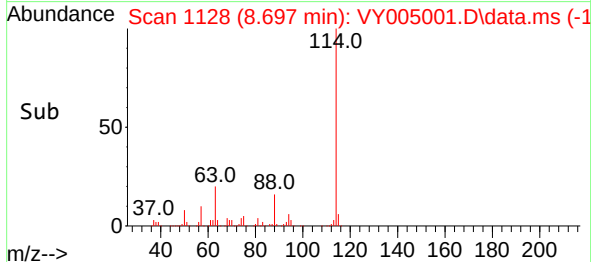
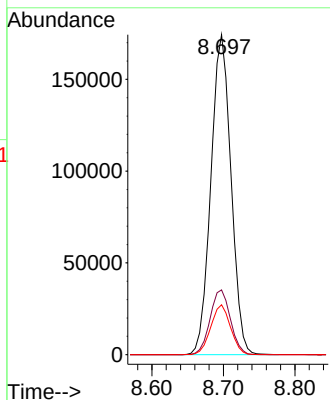
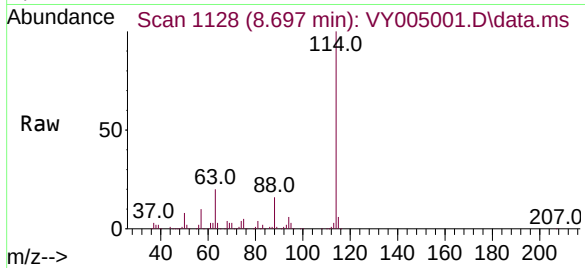




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28

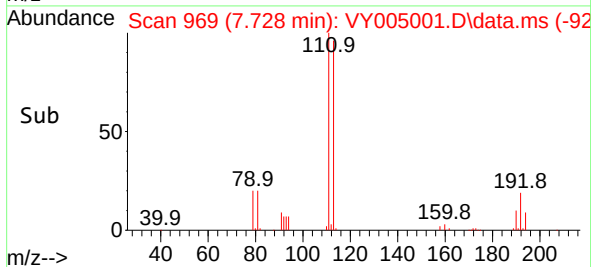
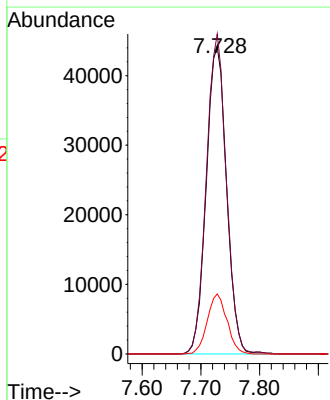
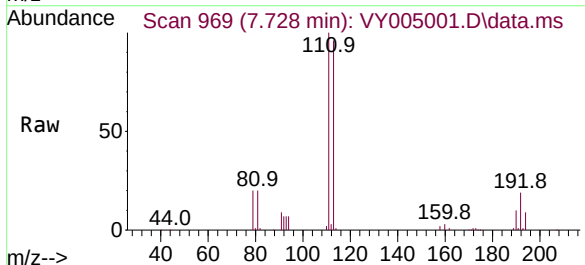
Instrument :
MSVOA_Y
ClientSampleId :

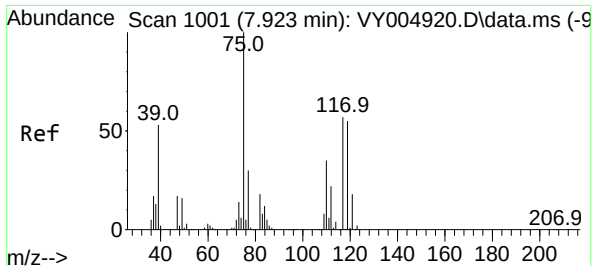
Tgt Ion:	114	Resp:	340542
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	41.0
88	15.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 58.076 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28

Tgt Ion:	113	Resp:	106404
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.8	122.8
192	18.8	15.3	22.9





#36

1,1-Dichloropropene

Concen: 4.239 ug/l

RT: 7.795 min Scan# 980

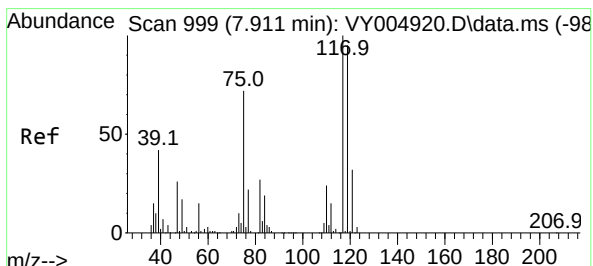
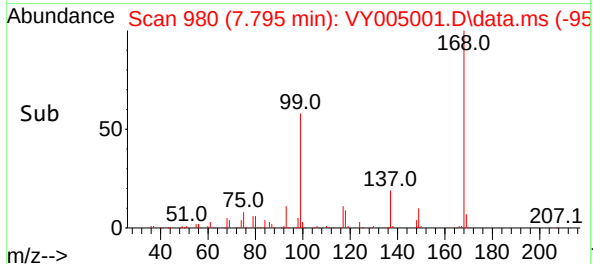
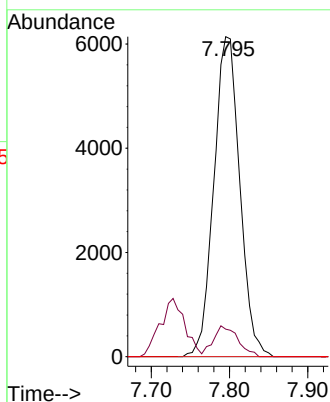
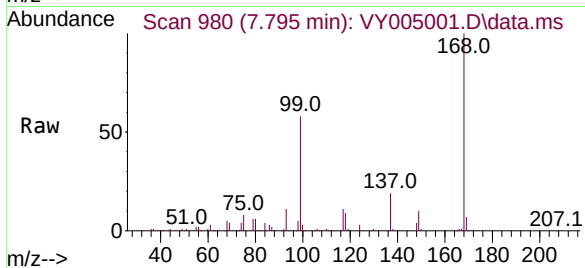
Delta R.T. -0.128 min

Lab File: VY005001.D

Acq: 07 Jun 2021 18:28

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75	Resp: 14127
Ion Ratio	Lower Upper
75 100	
110 9.1	17.5 52.5#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.162 ug/l

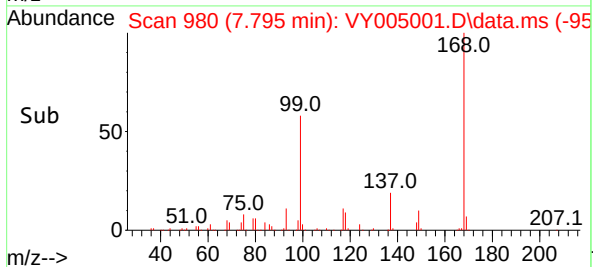
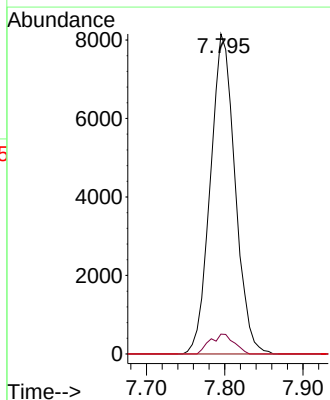
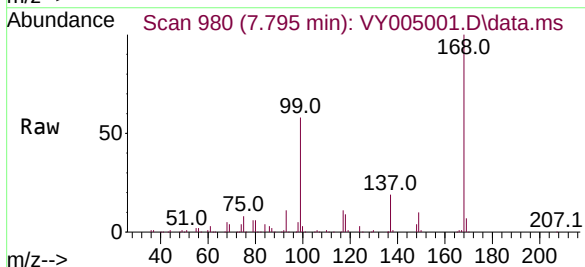
RT: 7.795 min Scan# 980

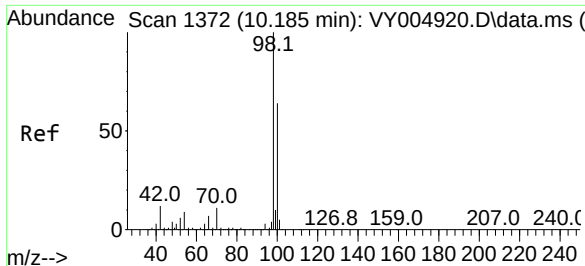
Delta R.T. -0.116 min

Lab File: VY005001.D

Acq: 07 Jun 2021 18:28

Tgt Ion: 117	Resp: 17874
Ion Ratio	Lower Upper
117 100	
119 6.2	76.1 114.1#
121 0.0	25.5 38.3#

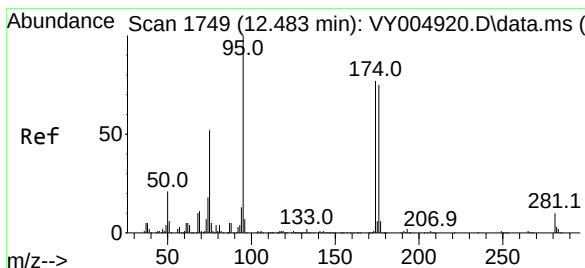
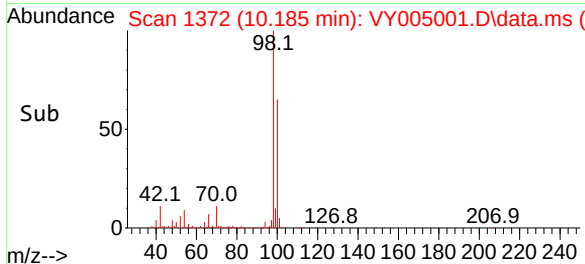
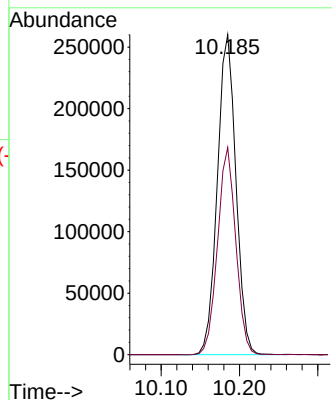
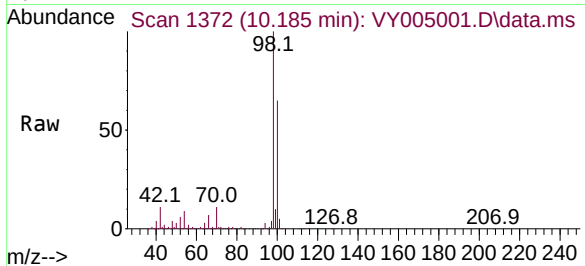




#50
Toluene-d8
Concen: 56.409 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28

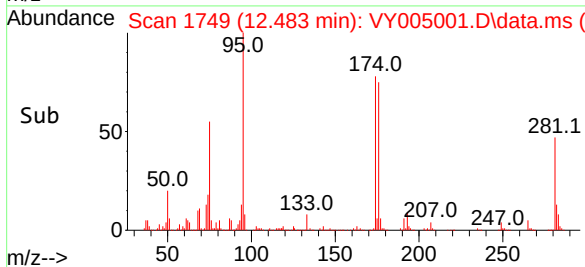
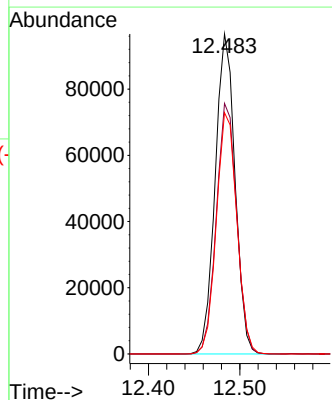
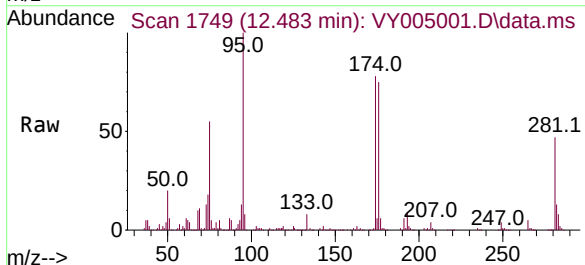
Instrument :
MSVOA_Y
ClientSampled :

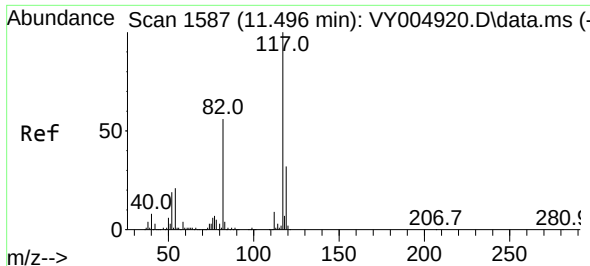
Tgt Ion: 98 Resp: 429230
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.754 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28

Tgt Ion: 95 Resp: 145905
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.8
176 77.9 0.0 155.6

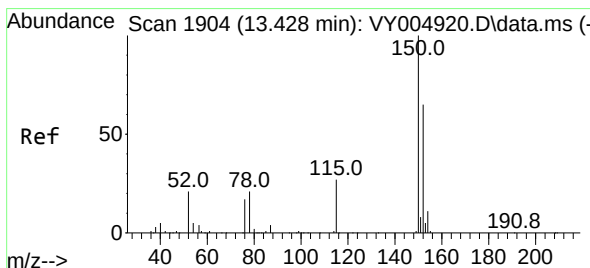
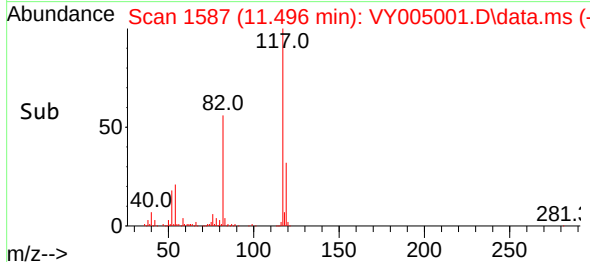
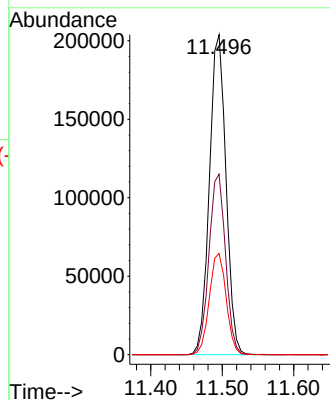
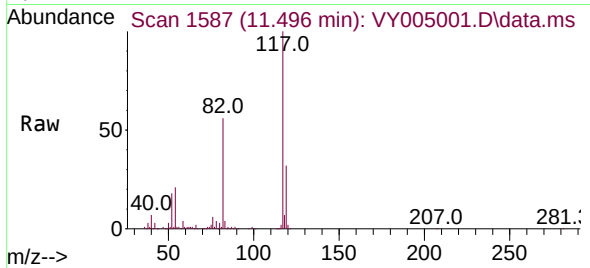




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28

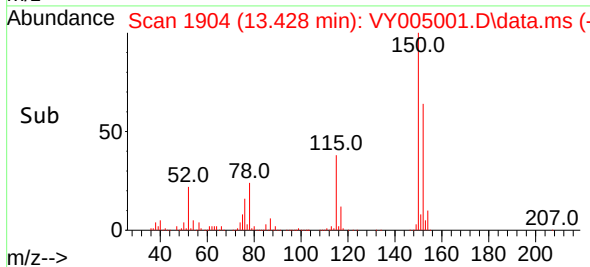
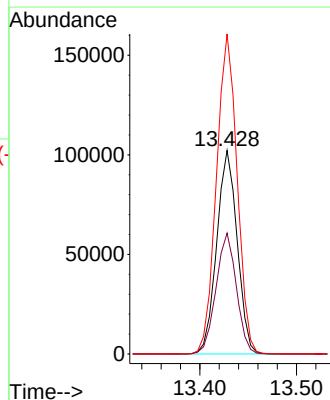
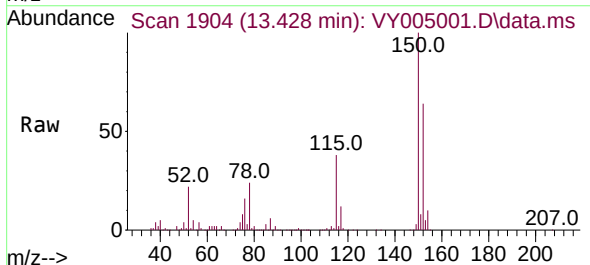
Instrument :
MSVOA_Y
ClientSampleId :

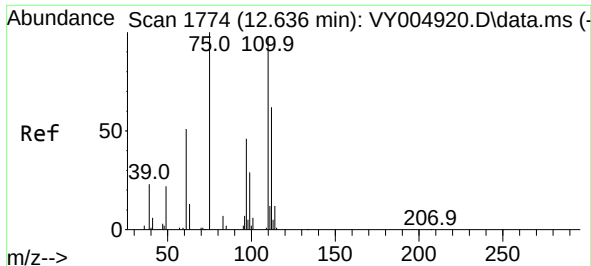
Tgt Ion:117 Resp: 328104
Ion Ratio Lower Upper
117 100
82 56.4 44.8 67.2
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28

Tgt Ion:152 Resp: 150147
Ion Ratio Lower Upper
152 100
115 59.1 29.9 89.7
150 158.8 0.0 347.8

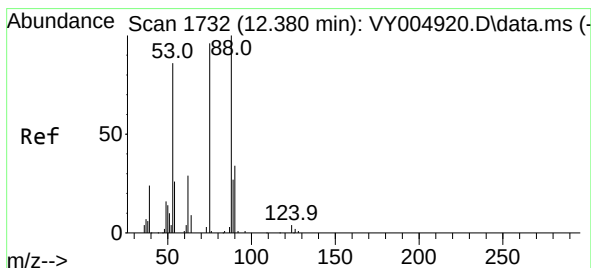
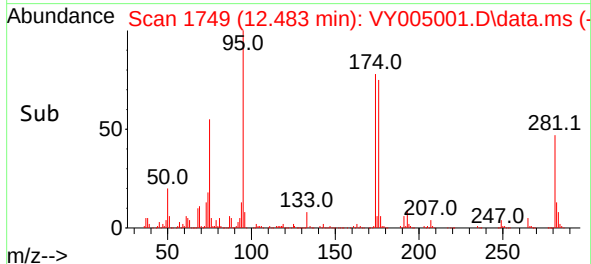
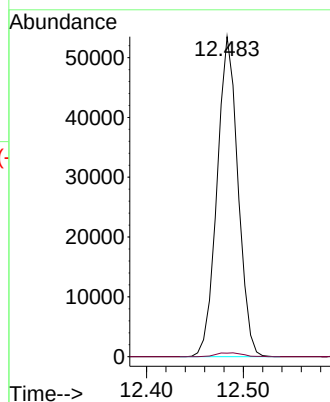
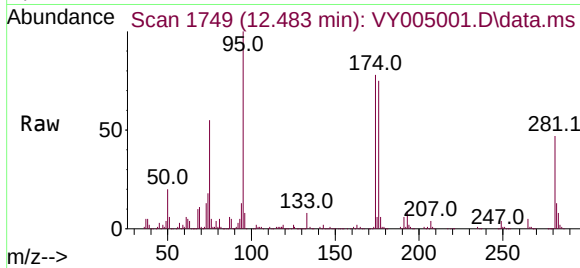




#76
1,2,3-Trichloropropane
Concen: 48.889 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80467
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.848 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005001.D
Acq: 07 Jun 2021 18:28

Tgt Ion: 75 Resp: 80467
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 1.2 35.0 52.6#

