

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005021.D
 Acq On : 08 Jun 2021 14:40
 Operator : SY/MD
 Sample : M2625-12
 Misc : 6.62G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 09 03:50:01 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	161628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	298394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	255453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102070	59.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.480%
35) Dibromofluoromethane	7.728	113	95523	59.501	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.000%
50) Toluene-d8	10.185	98	362235	54.329	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.660%
62) 4-Bromofluorobenzene	12.483	95	89774	39.151	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.300%

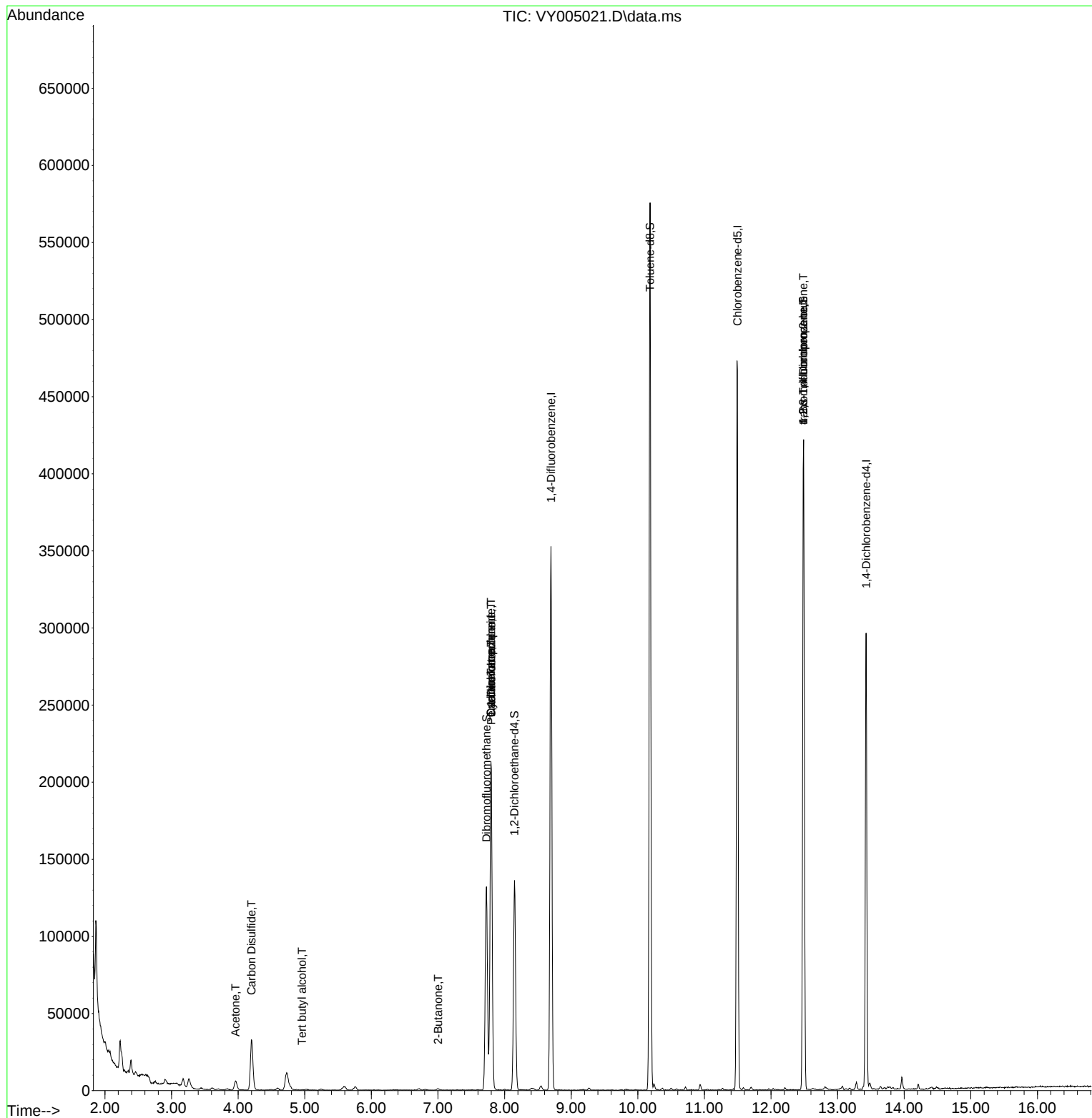
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.960	59	567	2.885	ug/l	# 74
16) Acetone	3.960	43	10585	25.734	ug/l	96
17) Carbon Disulfide	4.198	76	66331	12.986	ug/l	100
20) Methylene Chloride	4.728	84	8234	Below Cal		94
25) 2-Butanone	7.002	43	1763	2.549	ug/l	97
31) Cyclohexane	7.795	56	3552	1.181	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	13000	4.452	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	16606	6.534	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	48053	59.750	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	48053	109.807	ug/l	# 16

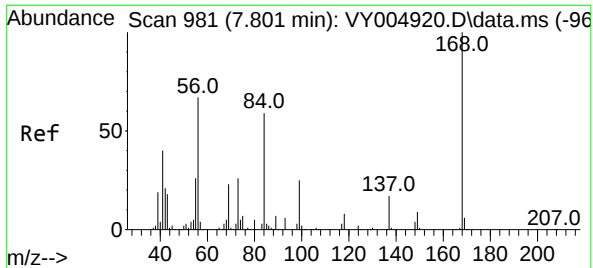
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
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Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration

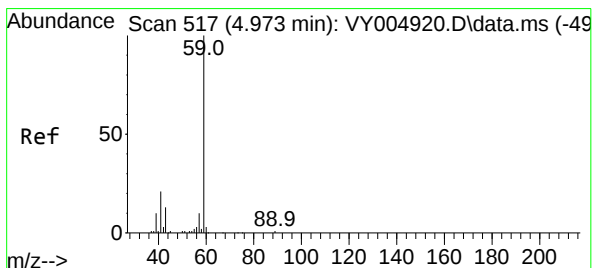
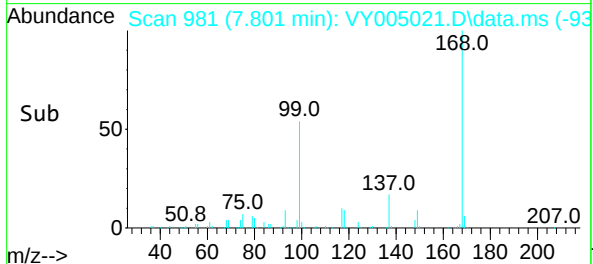
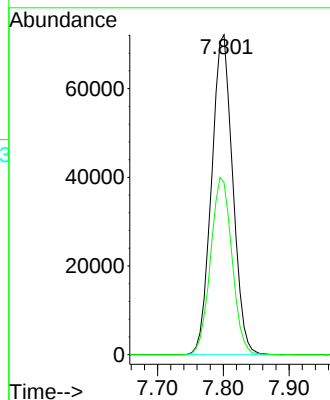
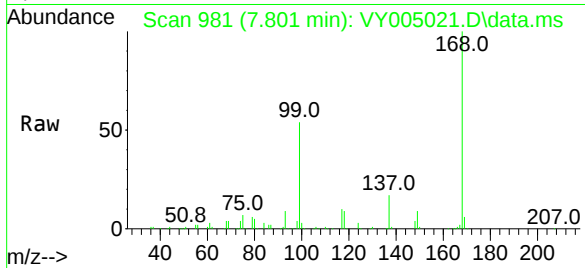




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40

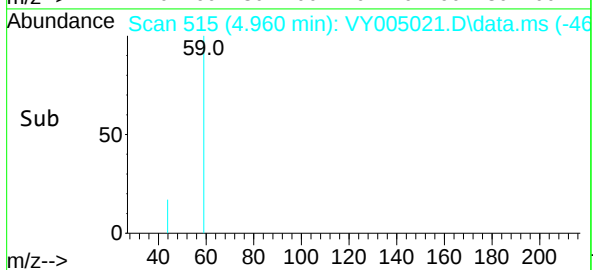
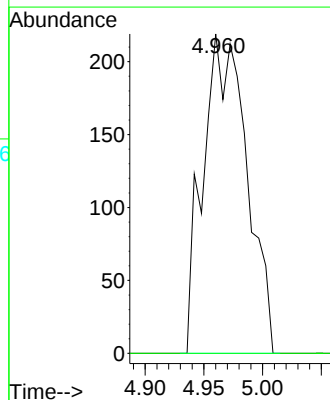
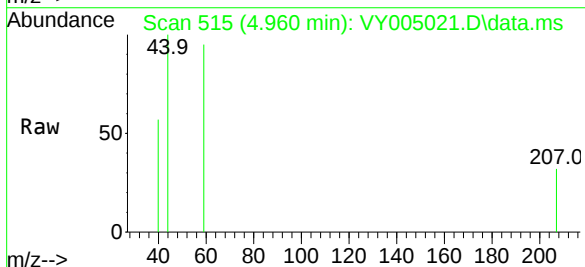
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 161628
Ion Ratio Lower Upper
168 100
99 53.7 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.885 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40

Tgt Ion: 59 Resp: 567
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

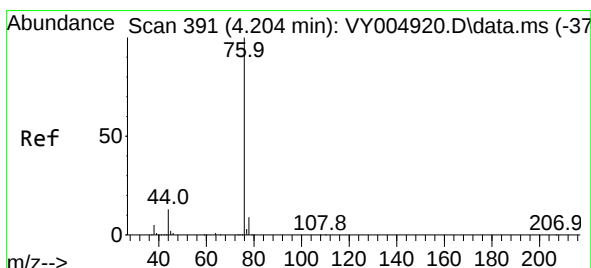
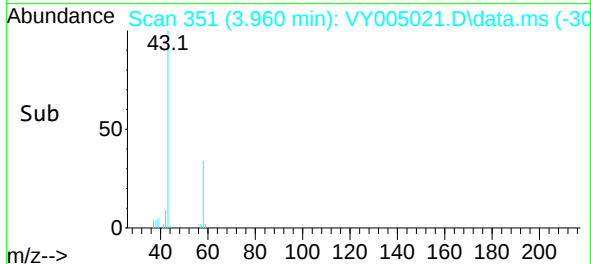
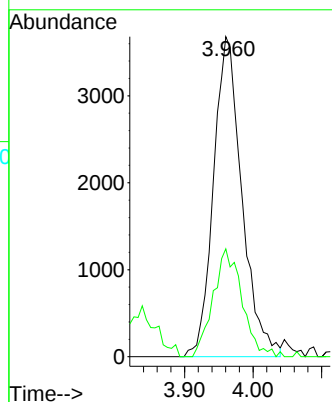
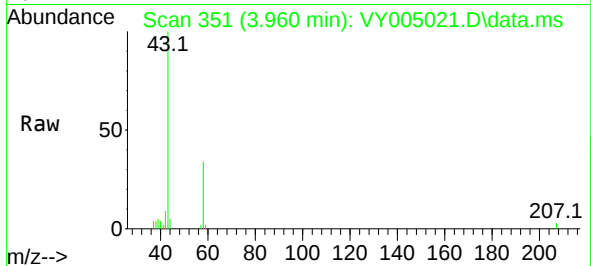




#16
Acetone
Concen: 25.734 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40

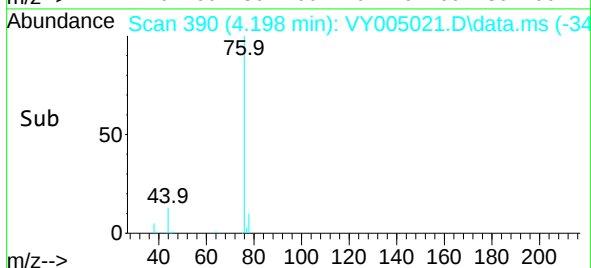
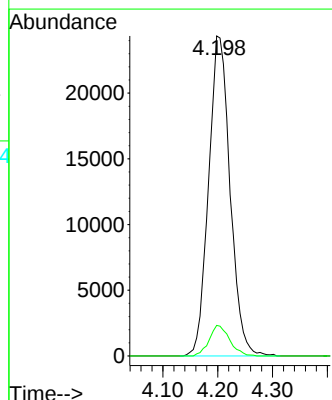
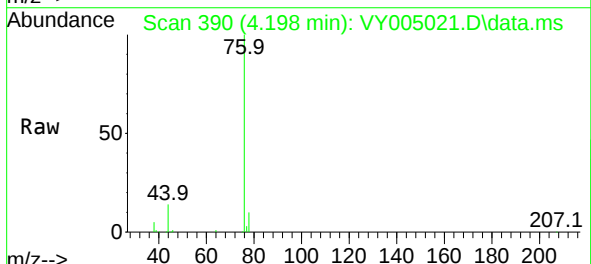
Instrument :
MSVOA_Y
ClientSampled :

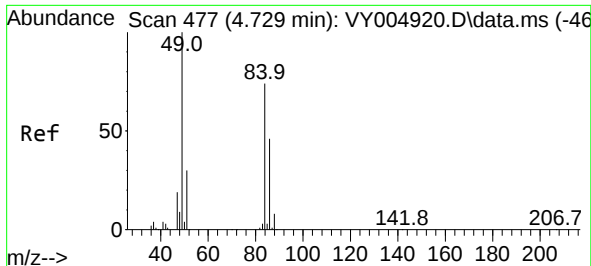
Tgt Ion: 43 Resp: 10585
Ion Ratio Lower Upper
43 100
58 33.7 25.3 37.9



#17
Carbon Disulfide
Concen: 12.986 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40

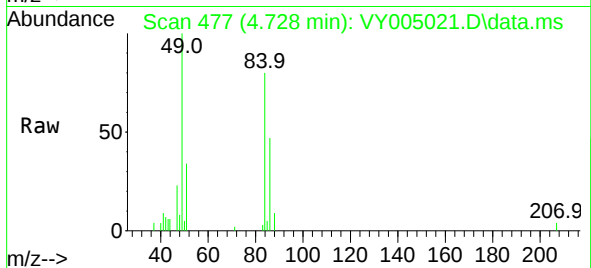
Tgt Ion: 76 Resp: 66331
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



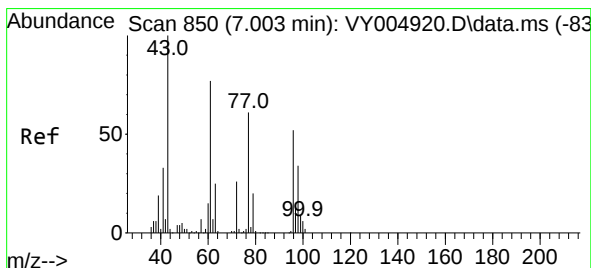
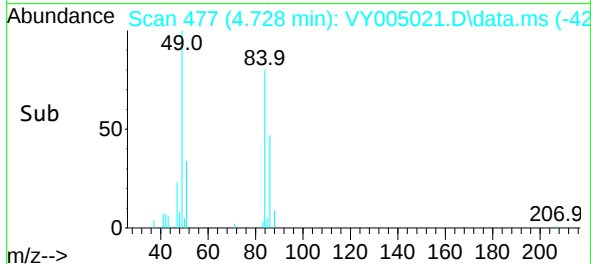
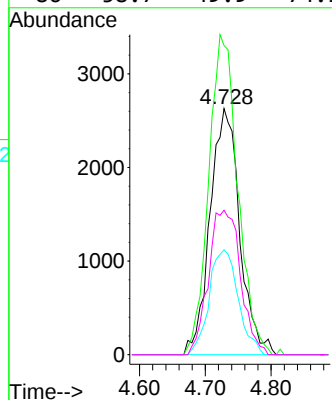


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40

Instrument :
MSVOA_Y
ClientSampleId :

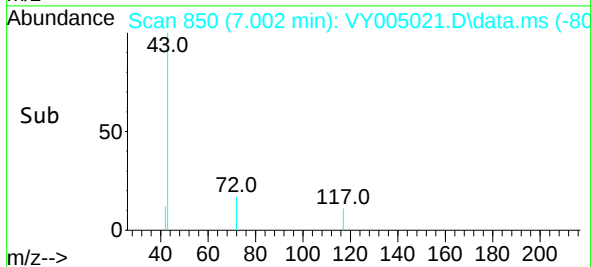
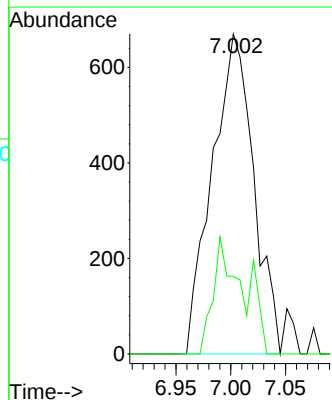
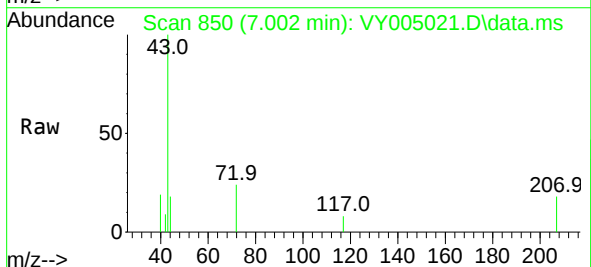


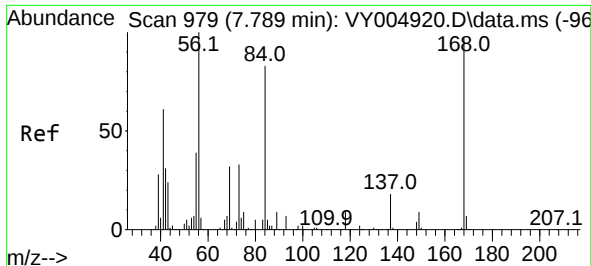
Tgt Ion:	84	Resp:	8234
Ion	Ratio	Lower	Upper
84	100		
49	125.6	108.0	162.0
51	42.6	32.6	48.8
86	58.7	49.9	74.9



#25
2-Butanone
Concen: 2.549 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40

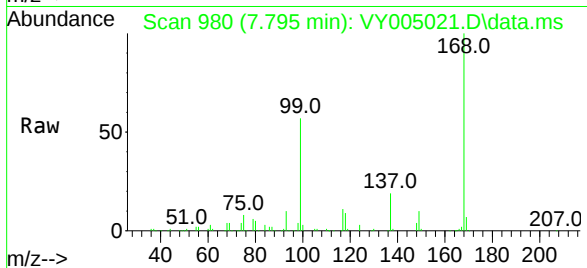
Tgt Ion:	43	Resp:	1763
Ion	Ratio	Lower	Upper
43	100		
72	24.3	20.6	31.0



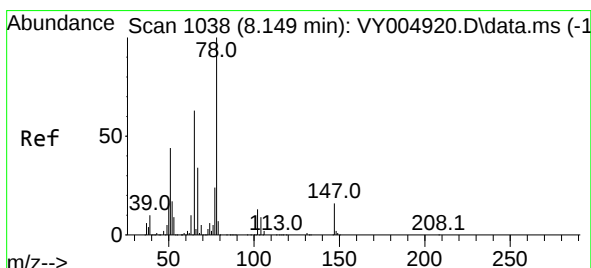
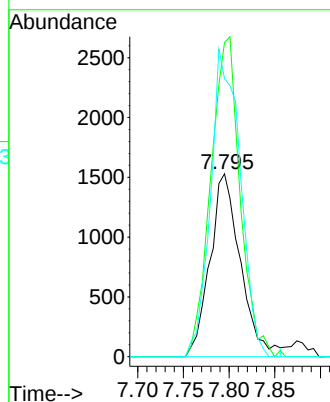
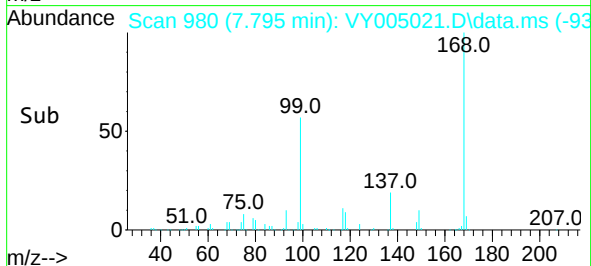


#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40

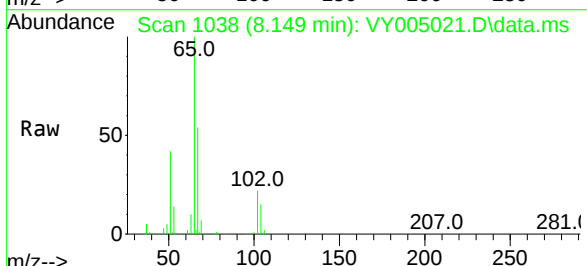
Instrument :
MSVOA_Y
ClientSampleId :



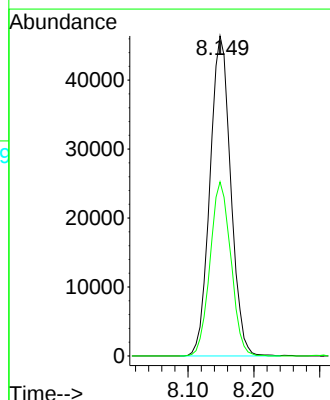
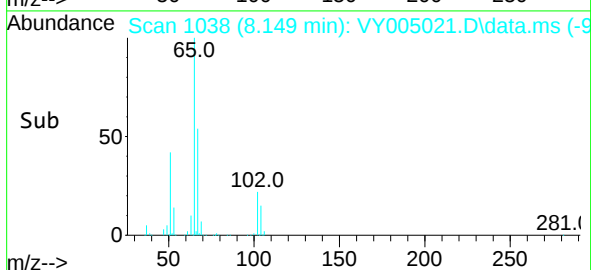
Tgt Ion: 56 Resp: 3552
Ion Ratio Lower Upper
56 100
69 171.8 25.3 37.9#
84 152.1 66.2 99.4#

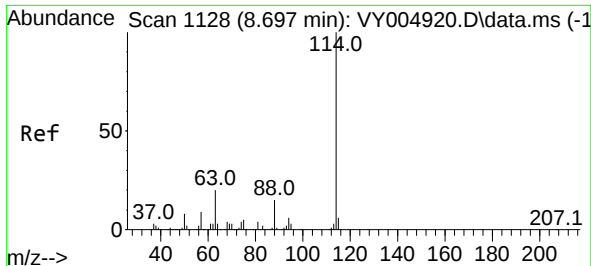


#33
1,2-Dichloroethane-d4
Concen: 59.736 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40



Tgt Ion: 65 Resp: 102070
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.6

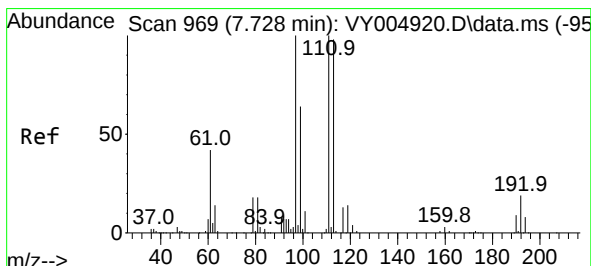
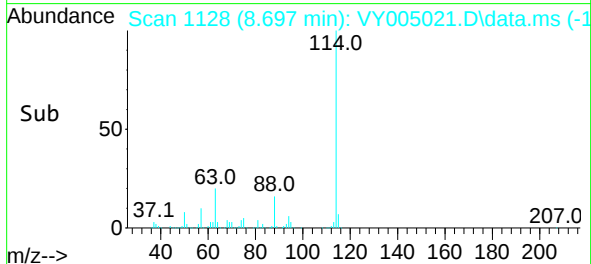
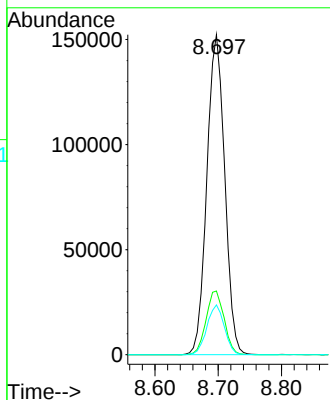
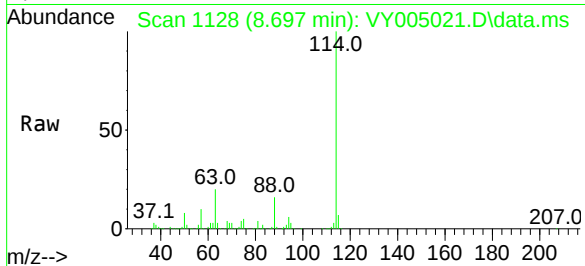




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40

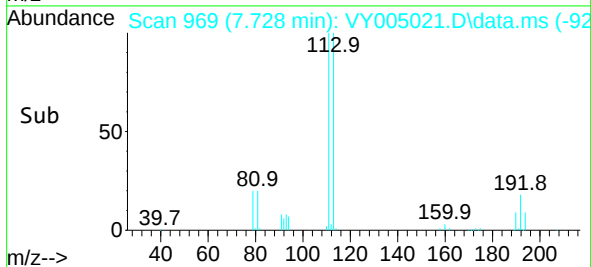
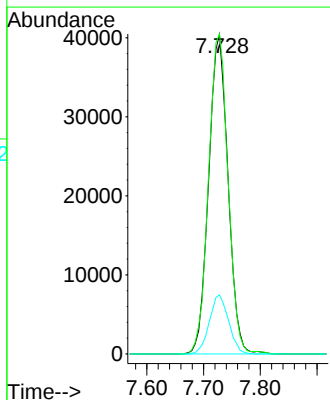
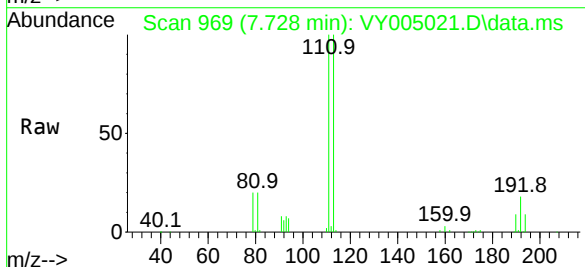
Instrument :
MSVOA_Y
ClientSampleId :

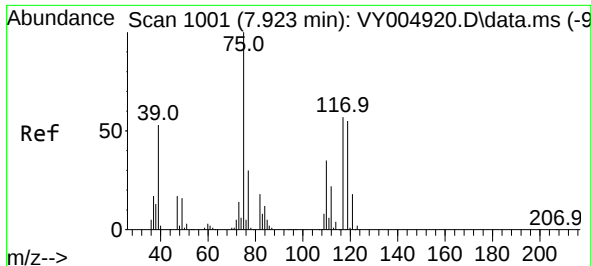
Tgt Ion:114 Resp: 298394
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.0
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 59.501 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40

Tgt Ion:113 Resp: 95523
Ion Ratio Lower Upper
113 100
111 101.1 81.8 122.8
192 18.4 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.452 ug/l

RT: 7.795 min Scan# 980

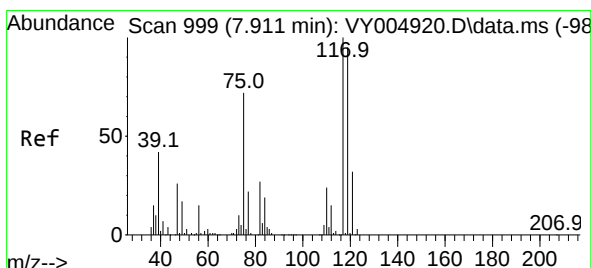
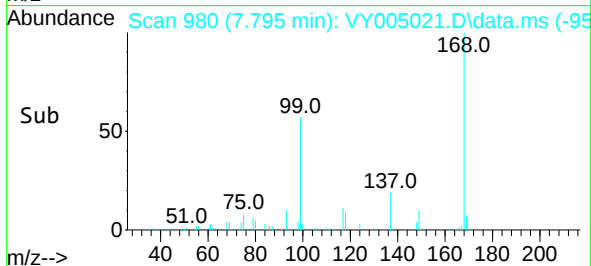
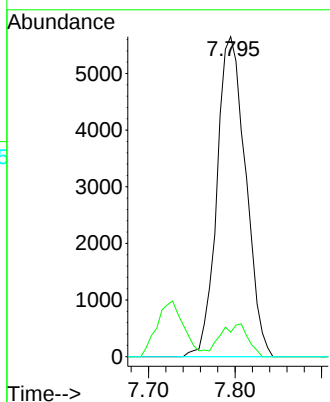
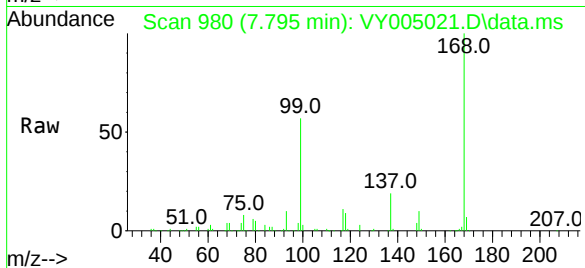
Delta R.T. -0.128 min

Lab File: VY005021.D

Acq: 08 Jun 2021 14:40

Tgt Ion:	75	Resp:	13000
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.5	52.5#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.534 ug/l

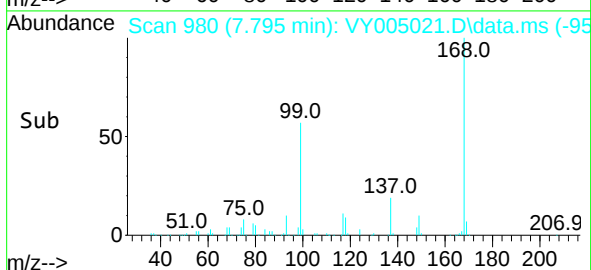
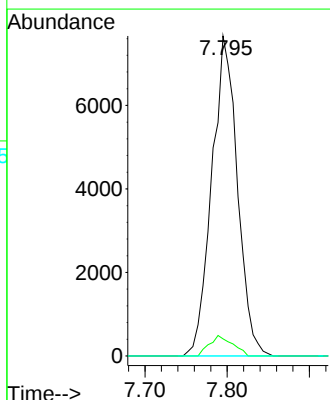
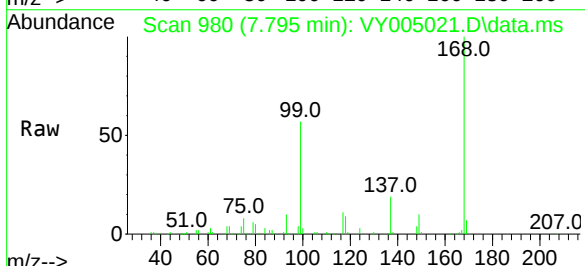
RT: 7.795 min Scan# 980

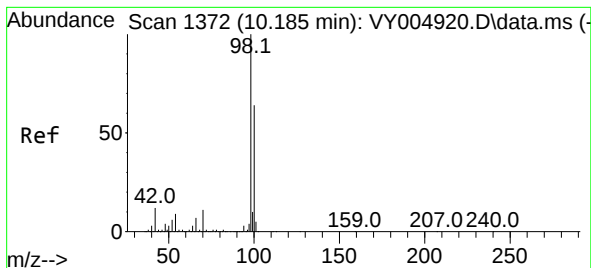
Delta R.T. -0.116 min

Lab File: VY005021.D

Acq: 08 Jun 2021 14:40

Tgt Ion:	117	Resp:	16606
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.1	114.1#
121	0.0	25.5	38.3#

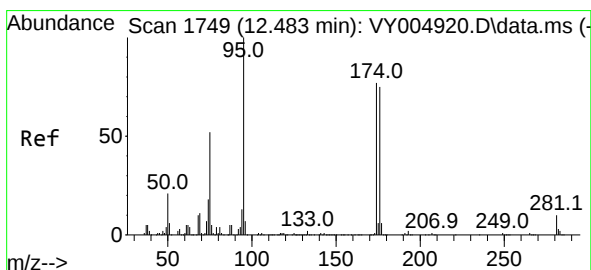
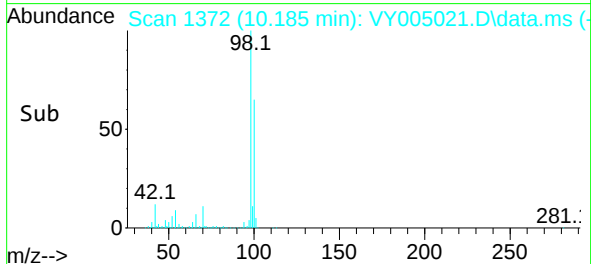
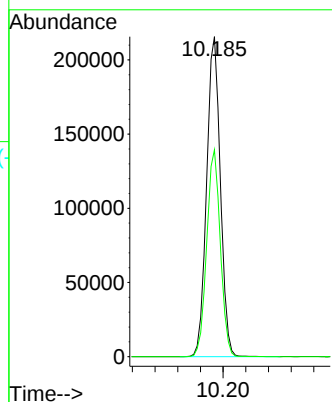
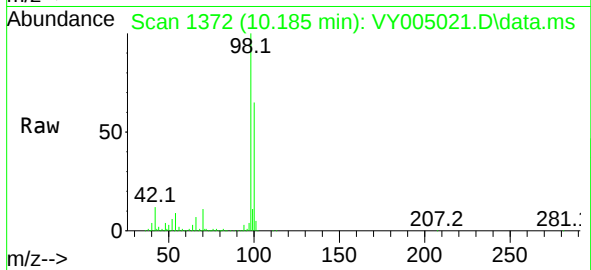




#50
Toluene-d8
Concen: 54.329 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40

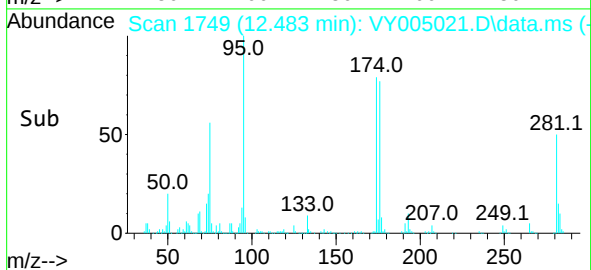
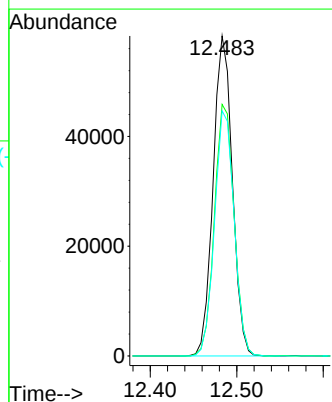
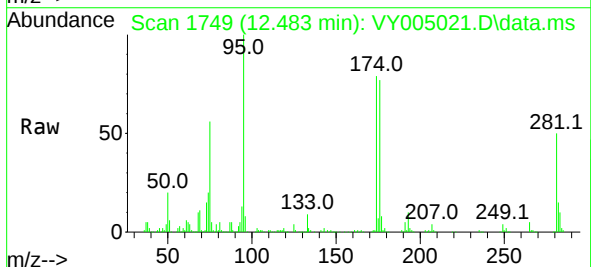
Instrument :
MSVOA_Y
ClientSampled :

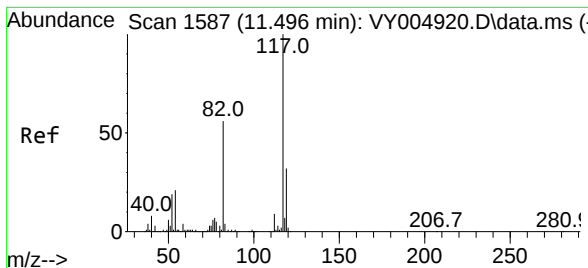
Tgt Ion: 98 Resp: 362235
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 39.151 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40

Tgt Ion: 95 Resp: 89774
Ion Ratio Lower Upper
95 100
174 80.4 0.0 160.8
176 78.0 0.0 155.6

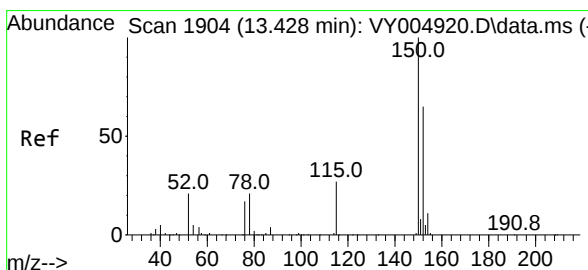
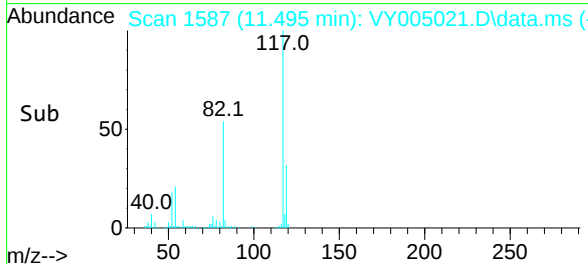
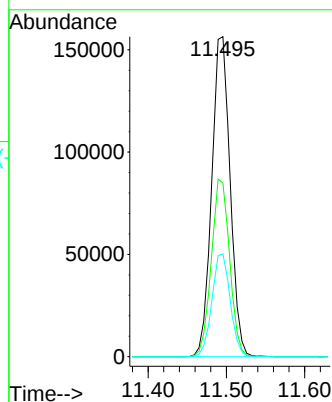
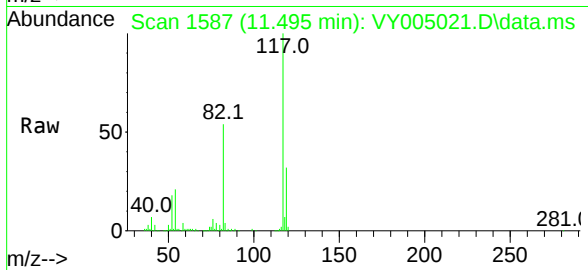




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40

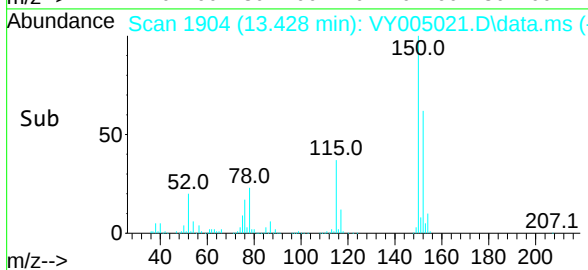
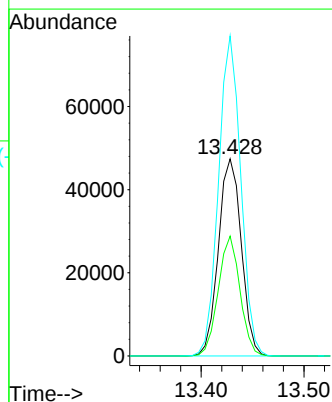
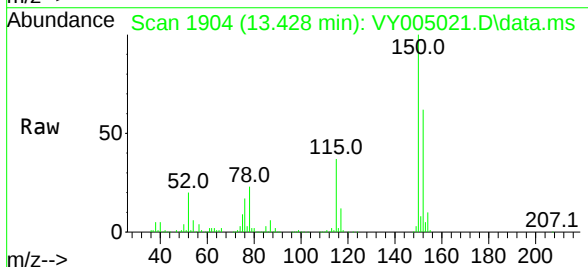
Instrument :
MSVOA_Y
ClientSampleId :

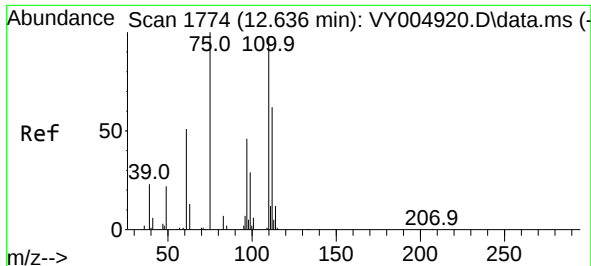
Tgt Ion:117 Resp: 255453
Ion Ratio Lower Upper
117 100
82 54.3 44.8 67.2
119 32.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40

Tgt Ion:152 Resp: 73366
Ion Ratio Lower Upper
152 100
115 57.7 29.9 89.7
150 157.5 0.0 347.8

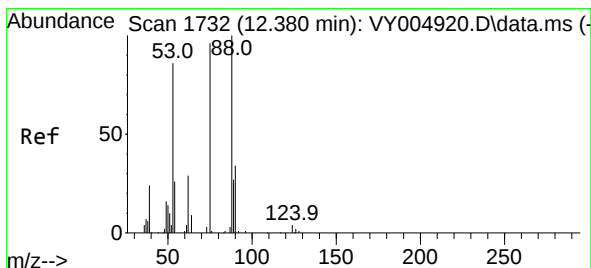
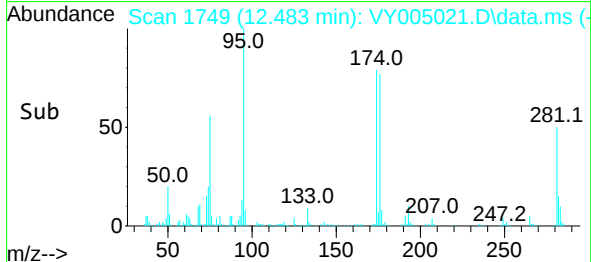
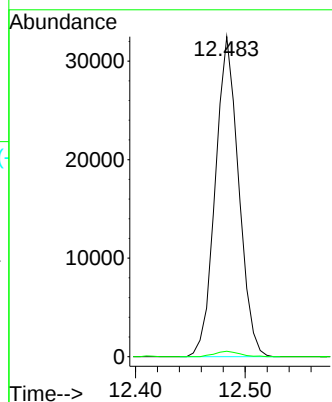
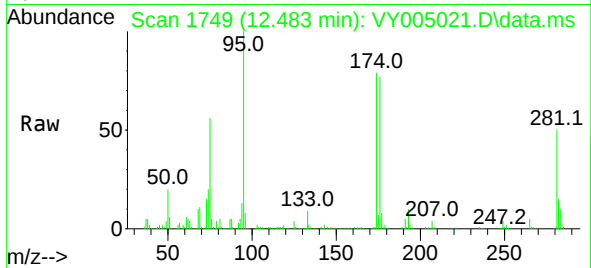




#76
1,2,3-Trichloropropane
Concen: 59.750 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 48053
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.807 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005021.D
Acq: 08 Jun 2021 14:40

Tgt Ion: 75 Resp: 48053
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 1.7 35.0 52.6#

