

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004803.D
 Acq On : 17 May 2021 14:32
 Operator : SY/MD
 Sample : M2420-05
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 01:04:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

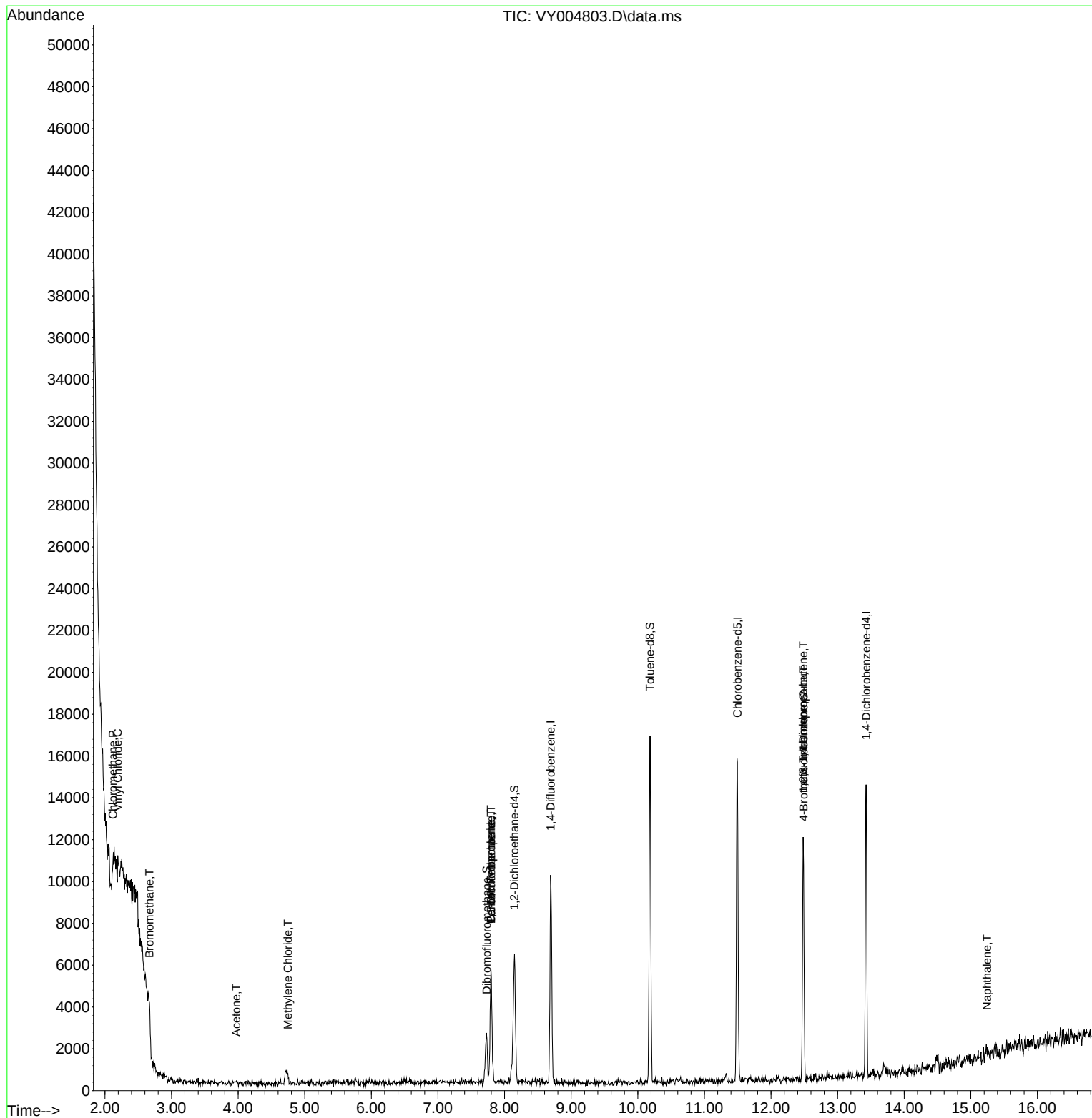
Internal Standards						
1) Pentafluorobenzene	7.795	168	4066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	8203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4136	85.46	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	170.92%#
35) Dibromofluoromethane	7.734	113	1812	40.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.72%
50) Toluene-d8	10.185	98	10420	52.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.02%
62) 4-Bromofluorobenzene	12.489	95	3517	52.01	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.02%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	330	5.47	ug/l #	43
4) Vinyl Chloride	2.192	62	216	3.50	ug/l #	43
5) Bromomethane	2.668	94	80	2.54	ug/l #	4
16) Acetone	3.973	43	189	17.39	ug/l #	45
20) Methylene Chloride	4.747	84	512	1.96	ug/l #	36
36) 1,1-Dichloropropene	7.795	75	388	4.67	ug/l #	42
38) Carbon Tetrachloride	7.795	117	439	5.88	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	1959	54.17	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1959	93.92	ug/l #	13
95) Naphthalene	15.245	128	191	1.37	ug/l #	69

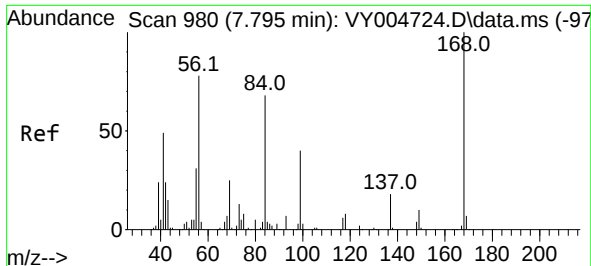
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
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Misc : 5.08G/5ML/MSVOA_Y/SOIL
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Instrument :
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ClientSampleId :

Quant Time: May 18 01:04:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

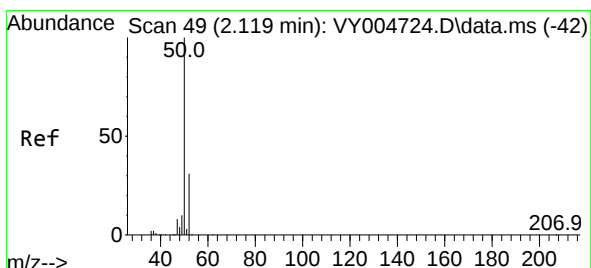
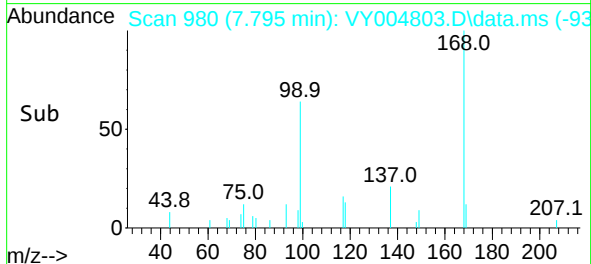
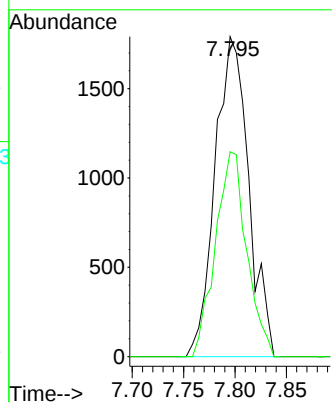
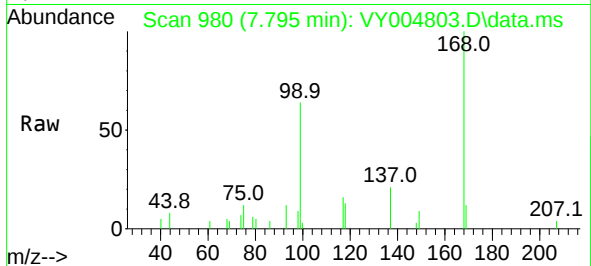




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004803.D
Acq: 17 May 2021 14:32

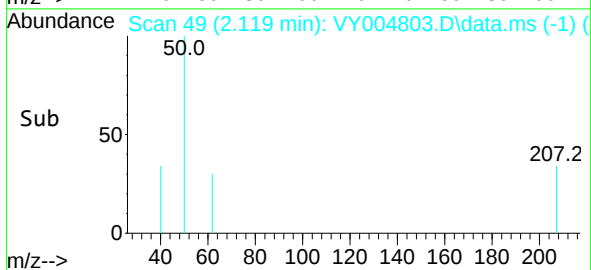
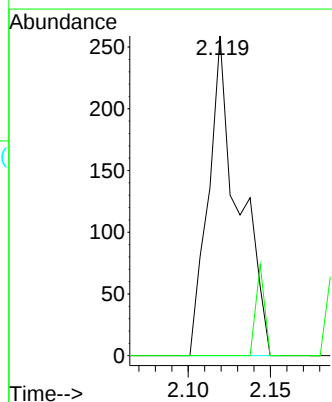
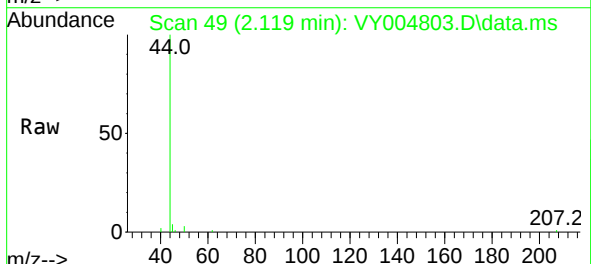
Instrument :
MSVOA_Y
ClientSampled :

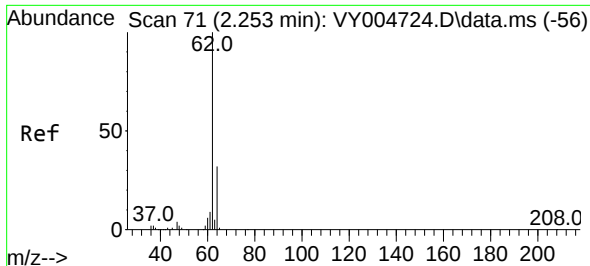
Tgt Ion:168 Resp: 4066
Ion Ratio Lower Upper
168 100
99 64.0 45.6 68.4



#3
Chloromethane
Concen: 5.47 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004803.D
Acq: 17 May 2021 14:32

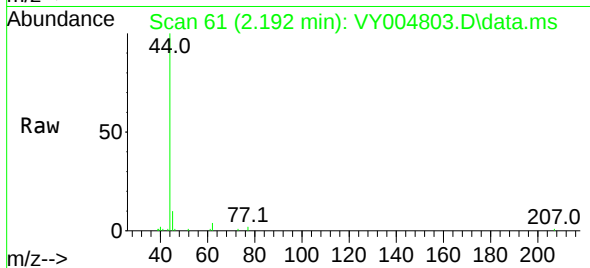
Tgt Ion: 50 Resp: 330
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.6#



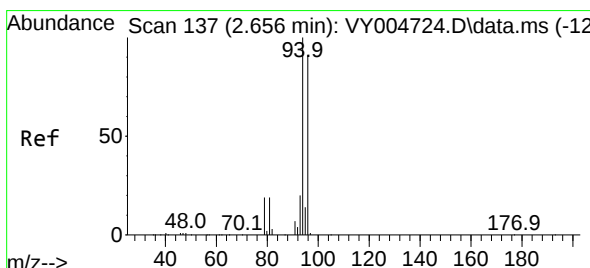
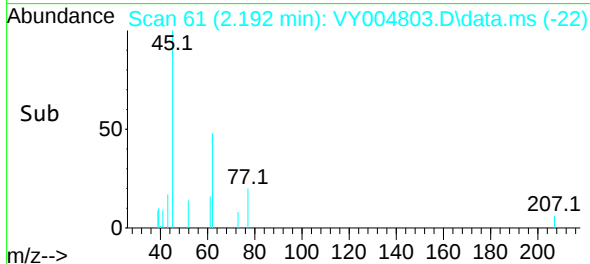


#4
 Vinyl Chloride
 Concen: 3.50 ug/l
 RT: 2.192 min Scan# 61
 Delta R.T. -0.061 min
 Lab File: VY004803.D
 Acq: 17 May 2021 14:32

Instrument :
 MSVOA_Y
 ClientSampled :

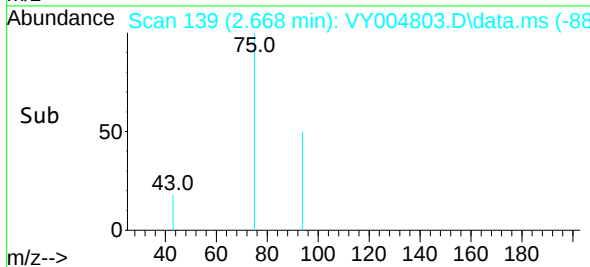
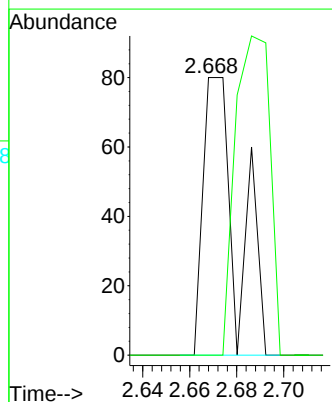
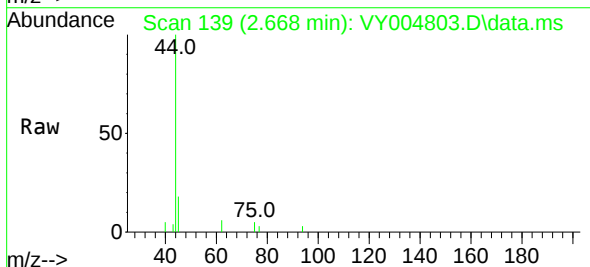


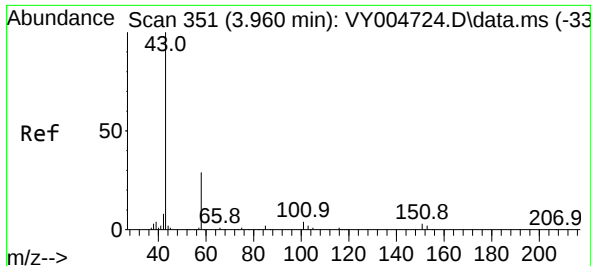
Tgt Ion: 62 Resp: 216
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.2#



#5
 Bromomethane
 Concen: 2.54 ug/l
 RT: 2.668 min Scan# 139
 Delta R.T. 0.012 min
 Lab File: VY004803.D
 Acq: 17 May 2021 14:32

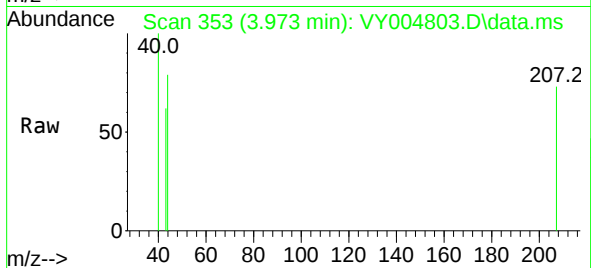
Tgt Ion: 94 Resp: 80
 Ion Ratio Lower Upper
 94 100
 96 0.0 72.6 109.0#



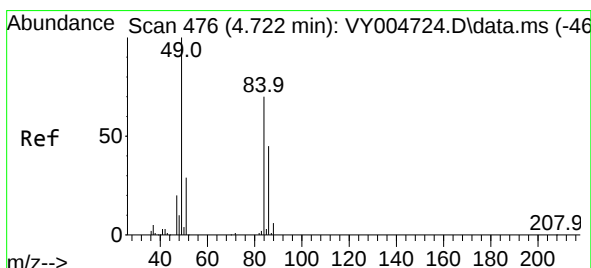
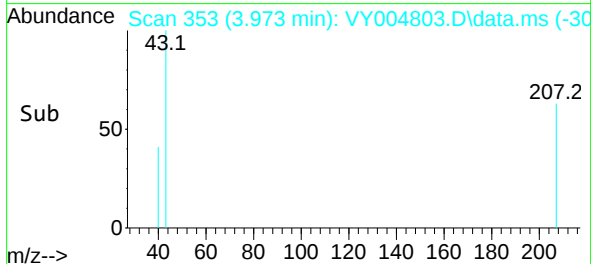
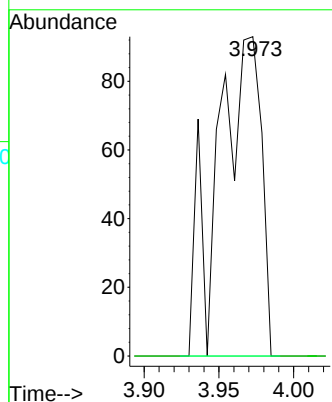


#16
Acetone
Concen: 17.39 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY004803.D
Acq: 17 May 2021 14:32

Instrument :
MSVOA_Y
ClientSampled :

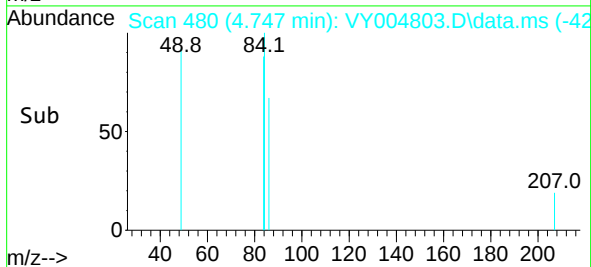
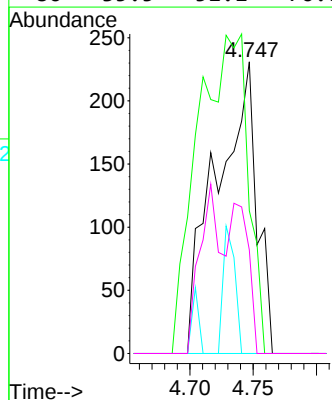
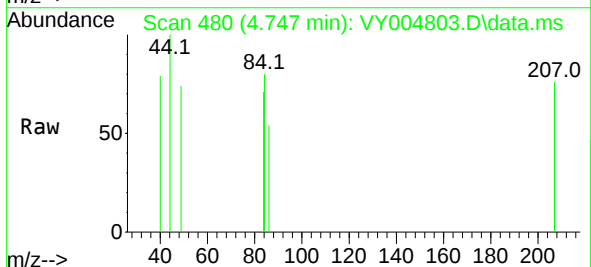


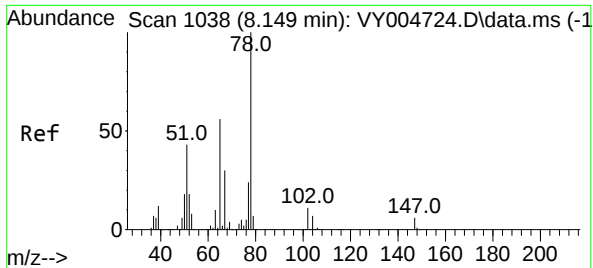
Tgt Ion: 43 Resp: 189
Ion Ratio Lower Upper
43 100
58 0.0 23.6 35.4#



#20
Methylene Chloride
Concen: 1.96 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.025 min
Lab File: VY004803.D
Acq: 17 May 2021 14:32

Tgt Ion: 84 Resp: 512
Ion Ratio Lower Upper
84 100
49 48.9 113.8 170.8#
51 0.0 33.5 50.3#
86 35.5 51.1 76.7#

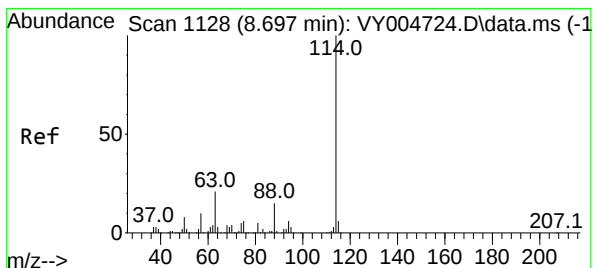
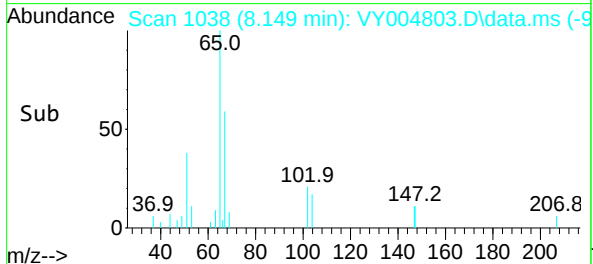
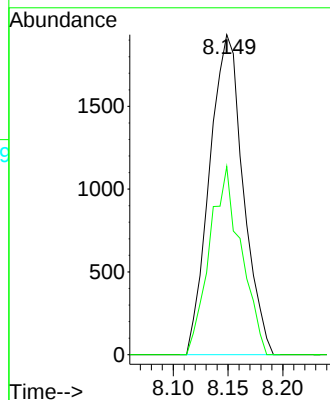
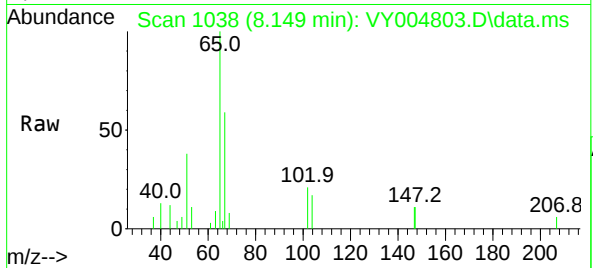




#33
1,2-Dichloroethane-d4
Concen: 85.46 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004803.D
Acq: 17 May 2021 14:32

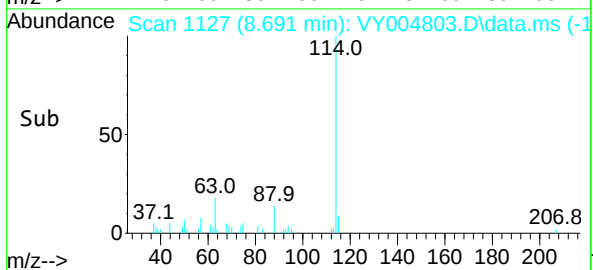
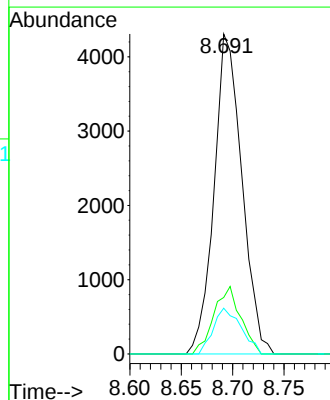
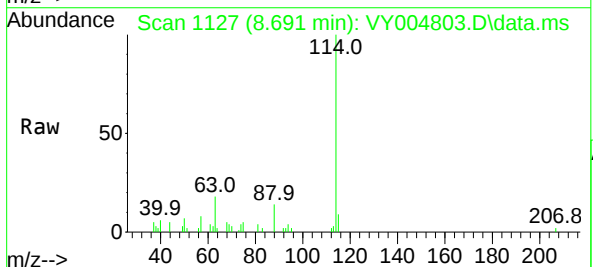
Instrument :
MSVOA_Y
ClientSampled :

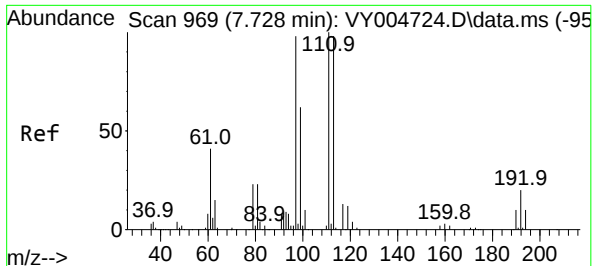
Tgt Ion: 65 Resp: 4136
Ion Ratio Lower Upper
65 100
67 55.0 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004803.D
Acq: 17 May 2021 14:32

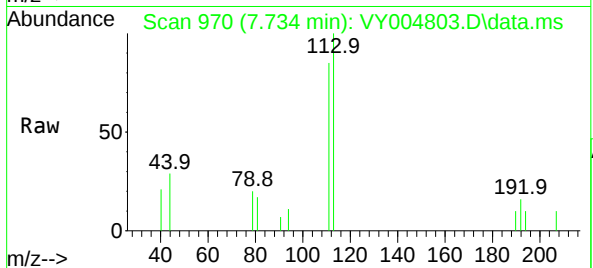
Tgt Ion: 114 Resp: 8101
Ion Ratio Lower Upper
114 100
63 17.6 0.0 42.8
88 14.3 0.0 31.0



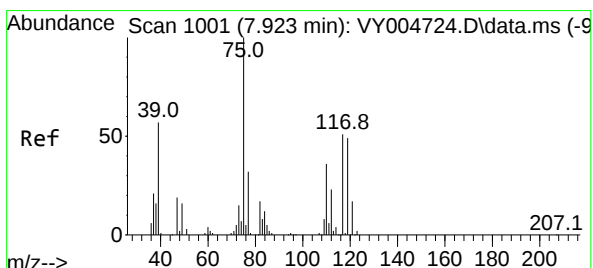
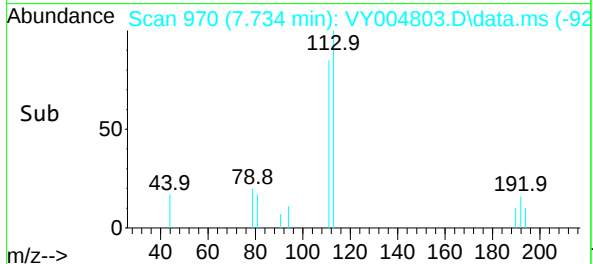
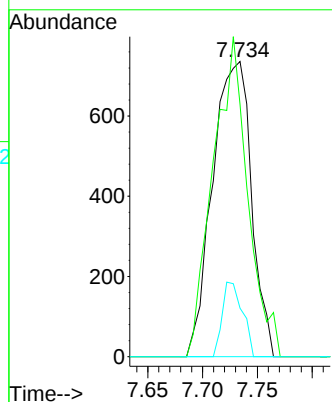


#35
 Dibromofluoromethane
 Concen: 40.86 ug/l
 RT: 7.734 min Scan# 970
 Delta R.T. 0.006 min
 Lab File: VY004803.D
 Acq: 17 May 2021 14:32

Instrument :
 MSVOA_Y
 ClientSampled :

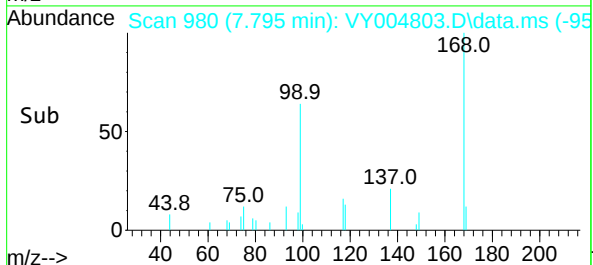
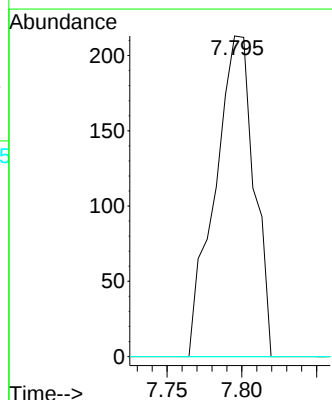
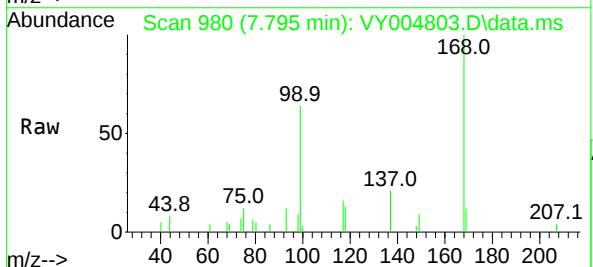


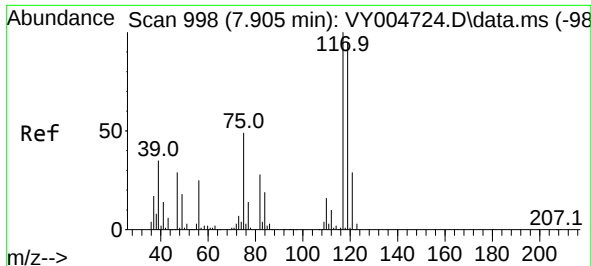
Tgt Ion:113 Resp: 1812
 Ion Ratio Lower Upper
 113 100
 111 97.0 80.5 120.7
 192 13.1 15.0 22.6#



#36
 1,1-Dichloropropene
 Concen: 4.67 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY004803.D
 Acq: 17 May 2021 14:32

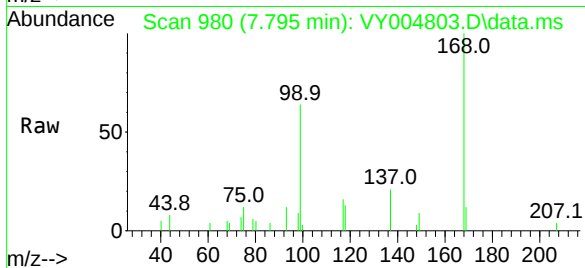
Tgt Ion: 75 Resp: 388
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.0 50.9#
 77 0.0 25.0 37.4#



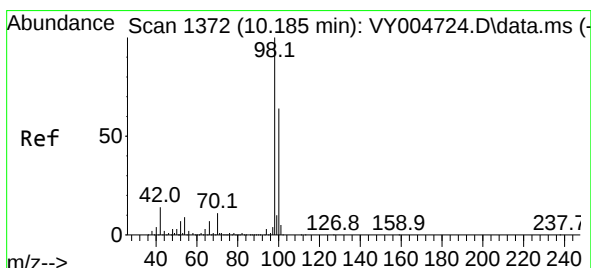
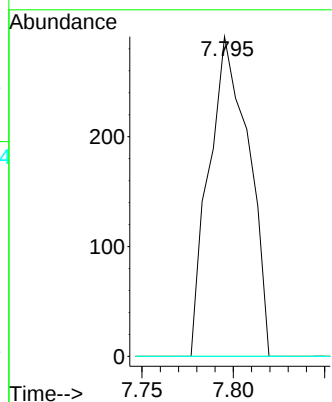
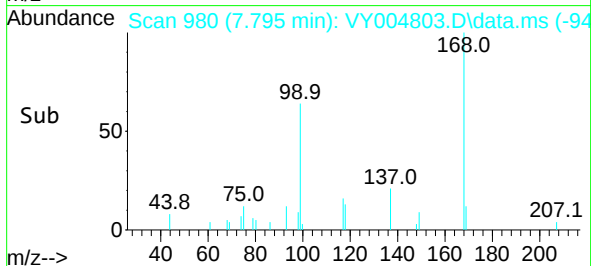


#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004803.D
Acq: 17 May 2021 14:32

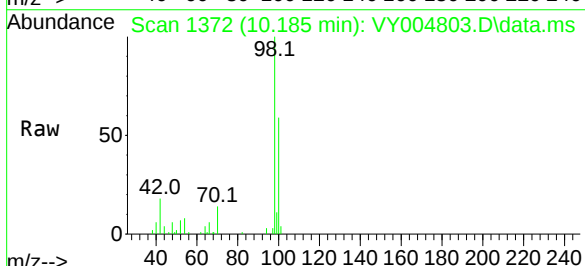
Instrument :
MSVOA_Y
ClientSampled :



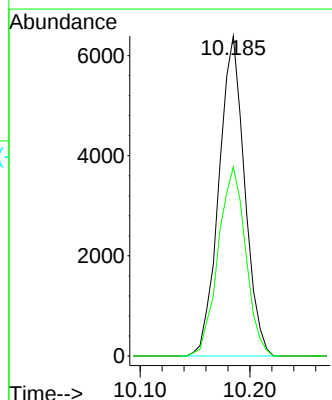
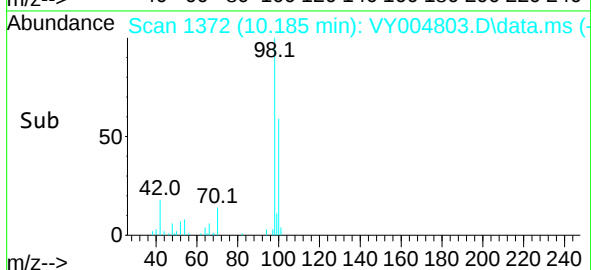
Tgt Ion: 117 Resp: 439
Ion Ratio Lower Upper
117 100
119 0.0 76.3 114.5#
121 0.0 23.0 34.6#

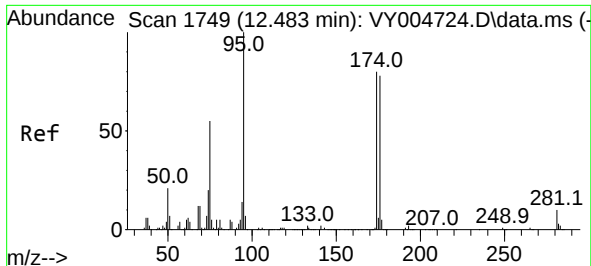


#50
Toluene-d8
Concen: 52.01 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004803.D
Acq: 17 May 2021 14:32



Tgt Ion: 98 Resp: 10420
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3

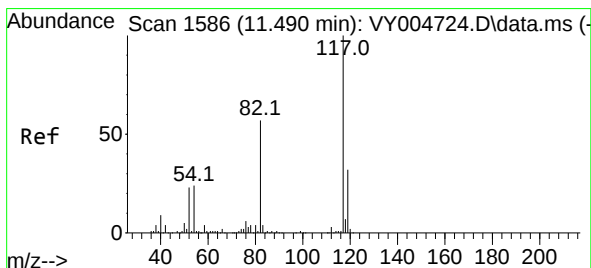
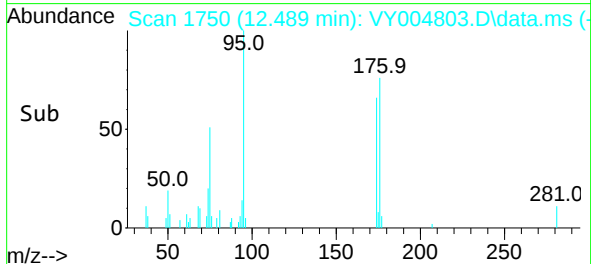
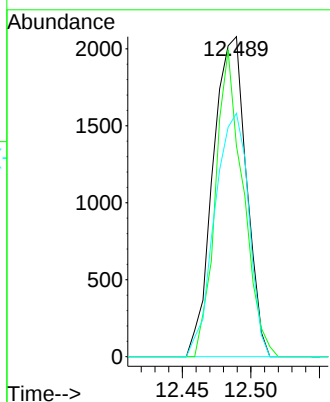
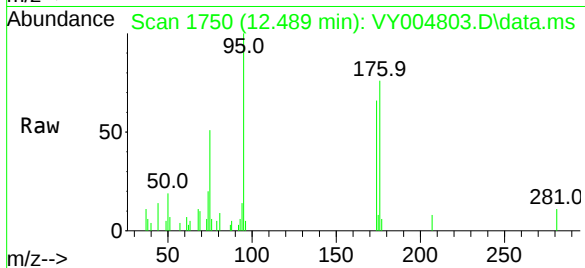




#62
4-Bromofluorobenzene
Concen: 52.01 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004803.D
Acq: 17 May 2021 14:32

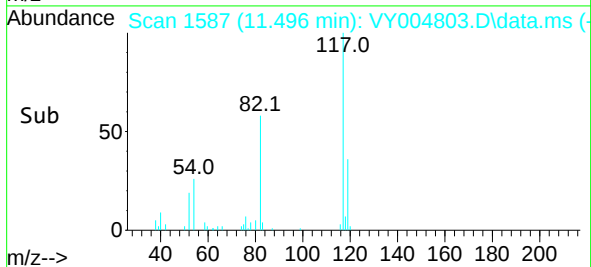
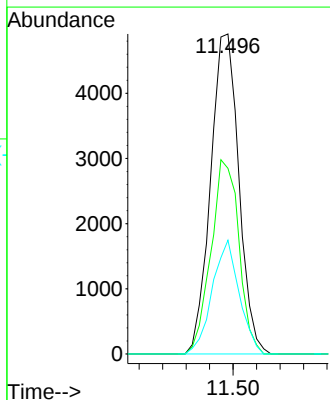
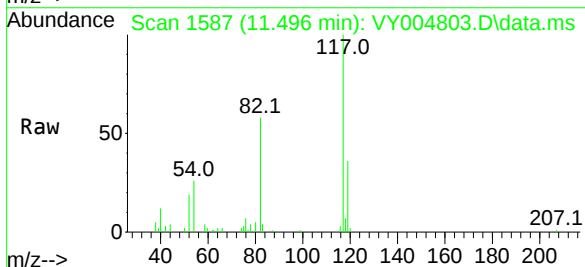
Instrument :
MSVOA_Y
ClientSampled :

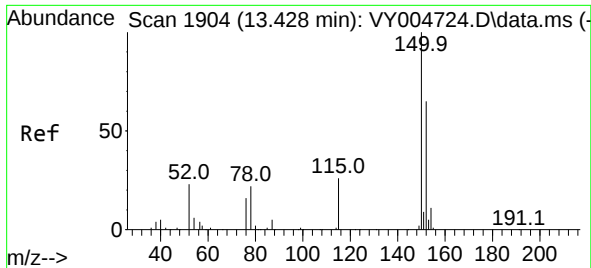
Tgt Ion: 95 Resp: 3517
Ion Ratio Lower Upper
95 100
174 78.8 0.0 164.2
176 77.5 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004803.D
Acq: 17 May 2021 14:32

Tgt Ion: 117 Resp: 8203
Ion Ratio Lower Upper
117 100
82 58.0 45.4 68.2
119 35.5 25.8 38.6

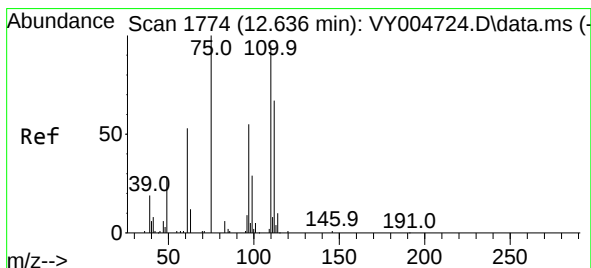
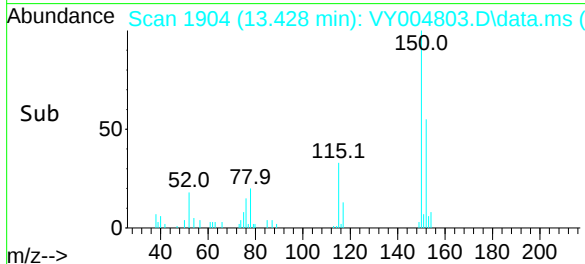
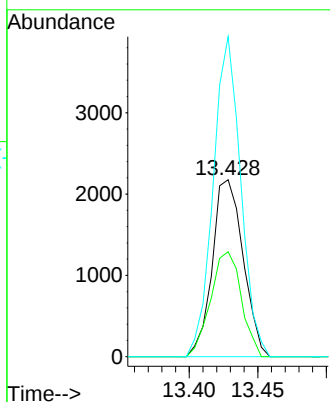
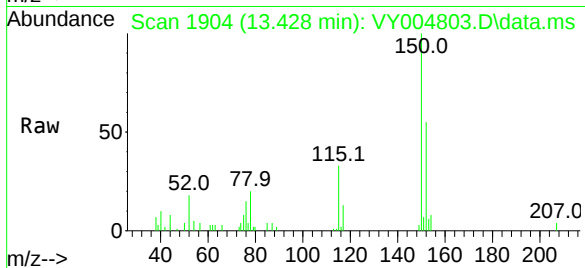




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004803.D
Acq: 17 May 2021 14:32

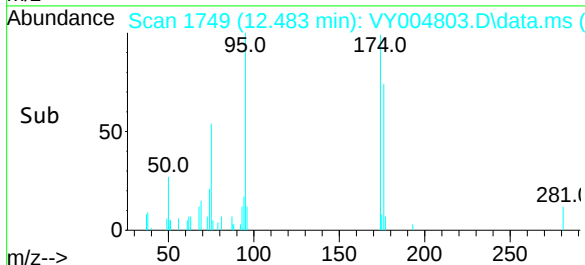
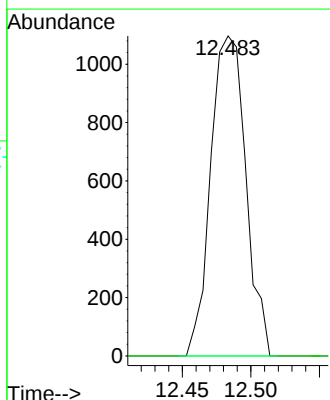
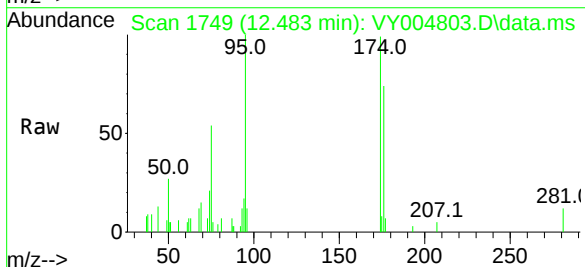
Instrument :
MSVOA_Y
ClientSampled :

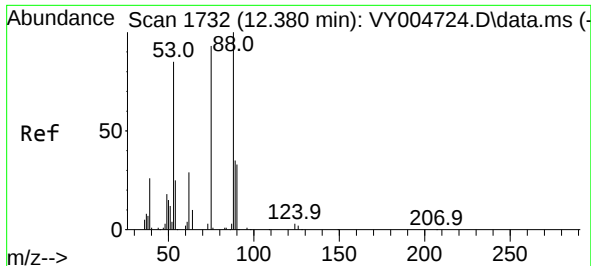
Tgt Ion:152 Resp: 3405
Ion Ratio Lower Upper
152 100
115 58.9 29.4 88.3
150 161.5 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 54.17 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004803.D
Acq: 17 May 2021 14:32

Tgt Ion: 75 Resp: 1959
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

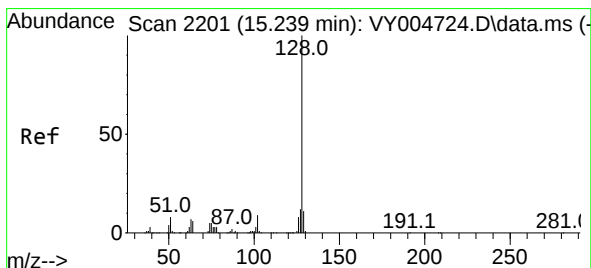
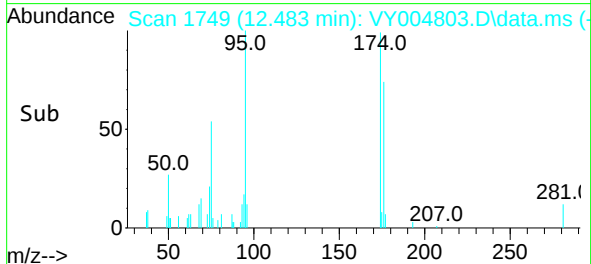
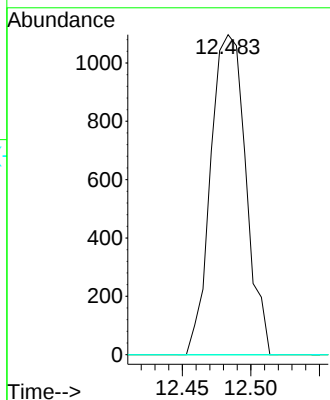
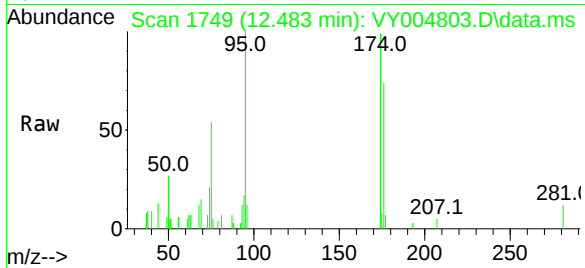




#81
trans-1,4-Dichloro-2-butene
Concen: 93.92 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004803.D
Acq: 17 May 2021 14:32

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 1959
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 35.5 53.3#



#95
Naphthalene
Concen: 1.37 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY004803.D
Acq: 17 May 2021 14:32

Tgt Ion:128 Resp: 191
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

