

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004712.D
 Acq On : 04 May 2021 13:58
 Operator : SY/MD
 Sample : M2254-05
 Misc : 3.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 01:33:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	148129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	263579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	263508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121745	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	101952	61.95	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.90%
35) Dibromofluoromethane	7.722	113	79972	54.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.34%
50) Toluene-d8	10.178	98	336482	54.08	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.16%
62) 4-Bromofluorobenzene	12.483	95	127802	60.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.06%

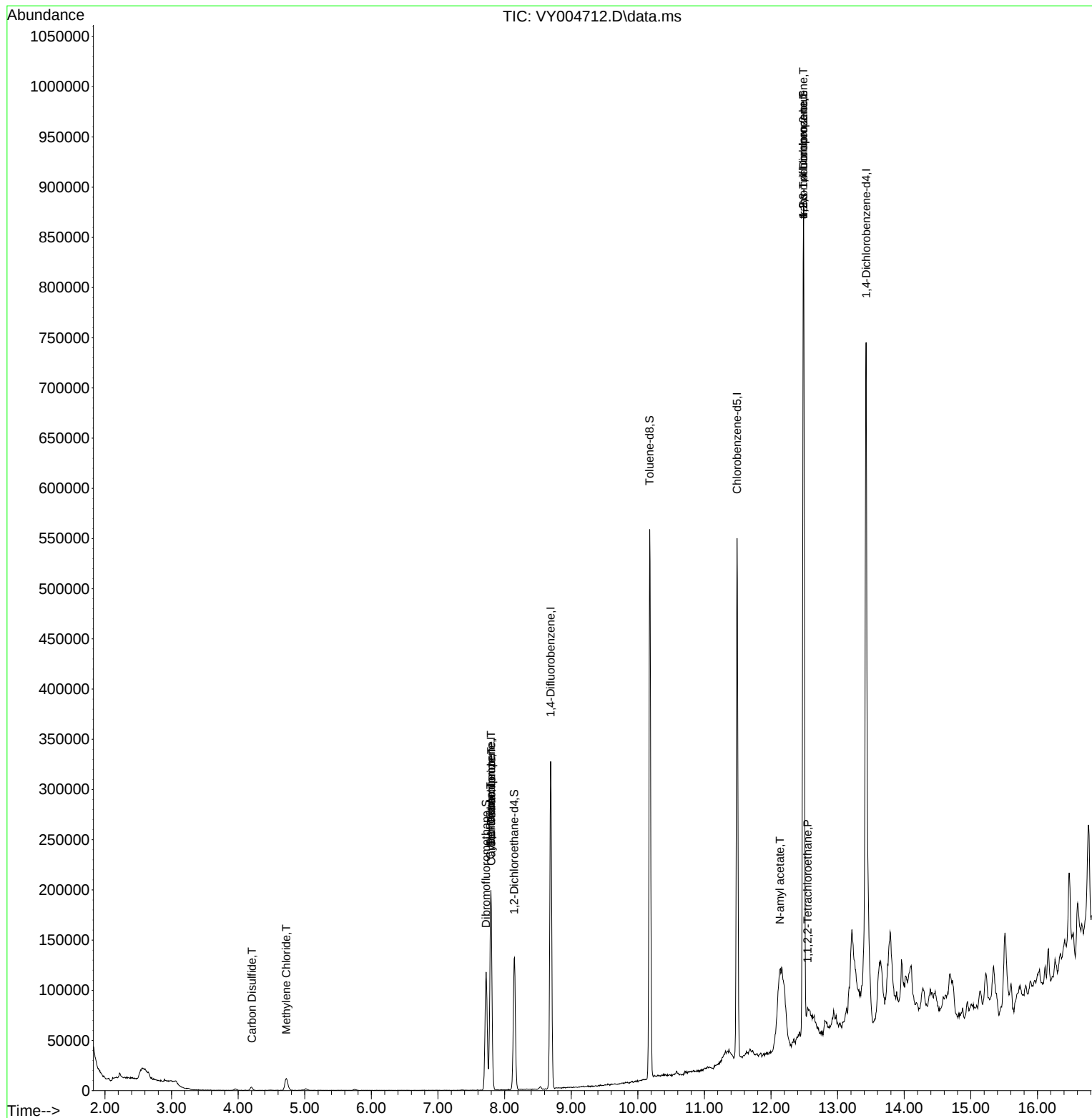
Target Compounds					Qvalue
16) Acetone	3.948	43	2634	Below Cal	# 77
17) Carbon Disulfide	4.204	76	6207	1.40 ug/l	# 85
20) Methylene Chloride	4.722	84	8379	5.27 ug/l	# 92
31) Cyclohexane	7.789	56	3616	1.20 ug/l	# 12
36) 1,1-Dichloropropene	7.795	75	11916	4.55 ug/l	# 51
38) Carbon Tetrachloride	7.801	117	14911	6.59 ug/l	# 16
74) N-amyl acetate	12.135	43	6204	1.96 ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.550	83	4863	2.73 ug/l	# 29
76) 1,2,3-Trichloropropane	12.483	75	72552	55.52 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	72552	99.33 ug/l	# 14

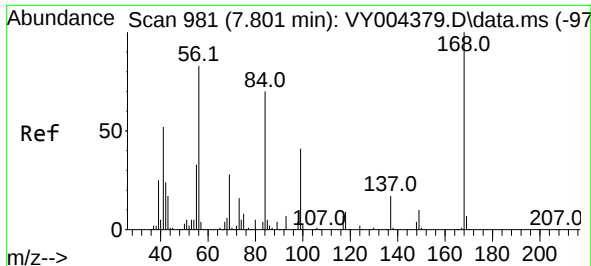
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 05 01:33:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

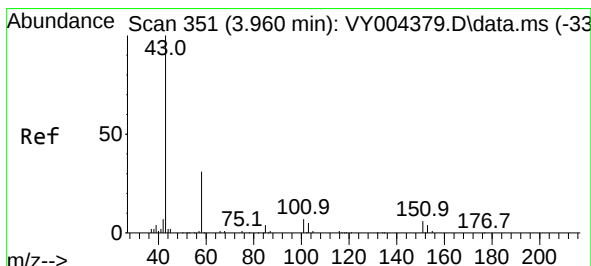
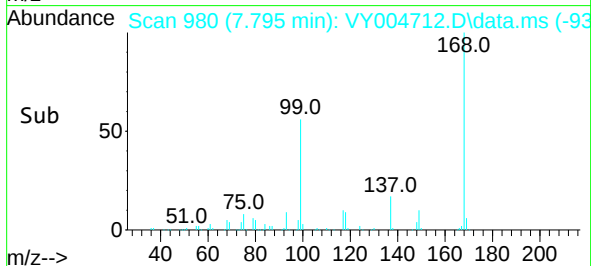
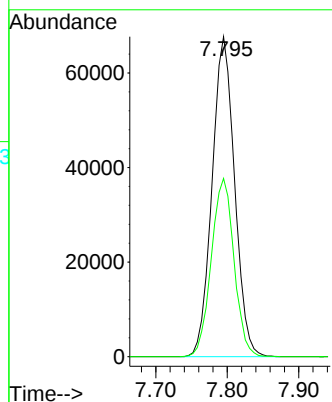
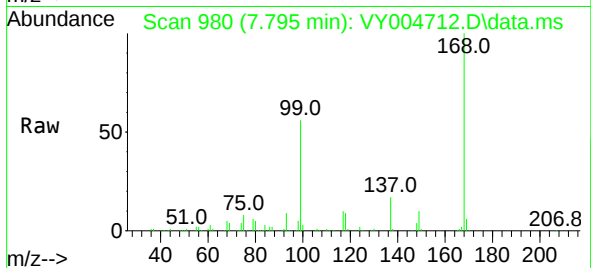




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58

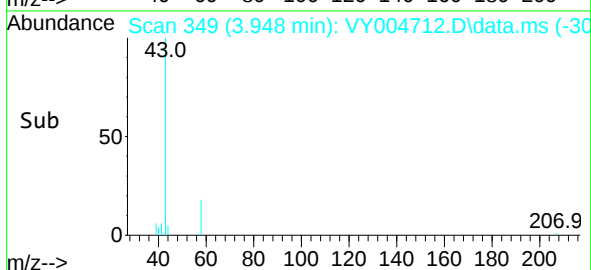
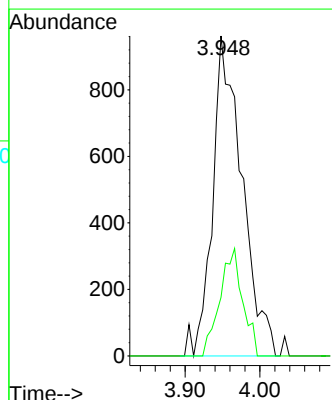
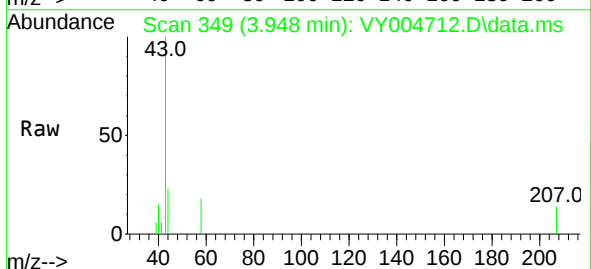
Instrument :
MSVOA_Y
ClientSampleId :

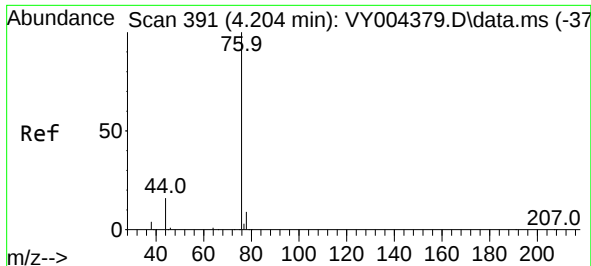
Tgt Ion:168 Resp: 148129
Ion Ratio Lower Upper
168 100
99 55.7 45.5 68.3



#16
Acetone
Concen: Below Cal
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58

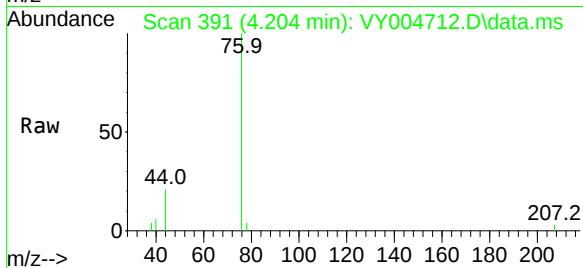
Tgt Ion: 43 Resp: 2634
Ion Ratio Lower Upper
43 100
58 18.3 24.6 37.0#



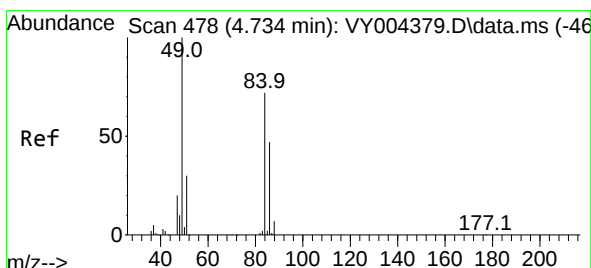
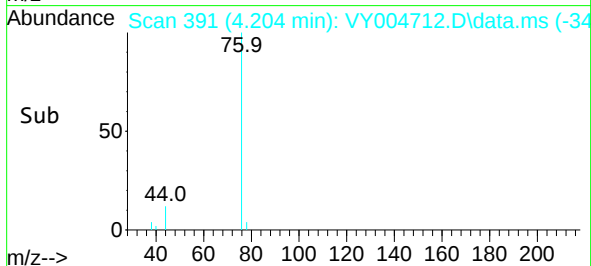
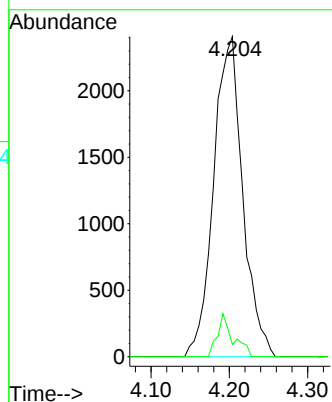


#17
Carbon Disulfide
Concen: 1.40 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58

Instrument :
MSVOA_Y
ClientSampleId :

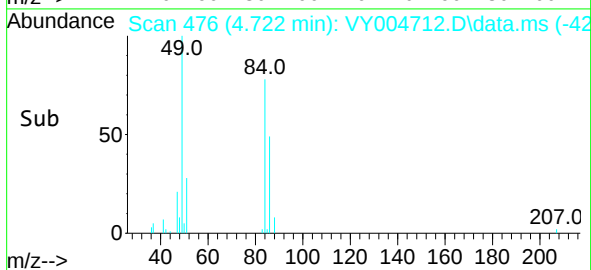
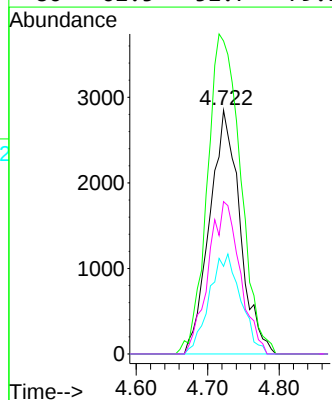
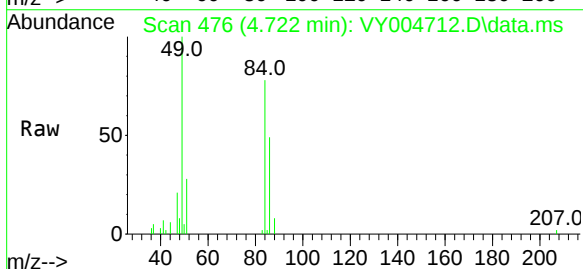


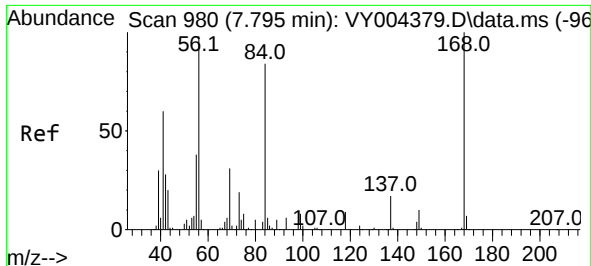
Tgt Ion: 76 Resp: 6207
Ion Ratio Lower Upper
76 100
78 3.8 7.4 11.2#



#20
Methylene Chloride
Concen: 5.27 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58

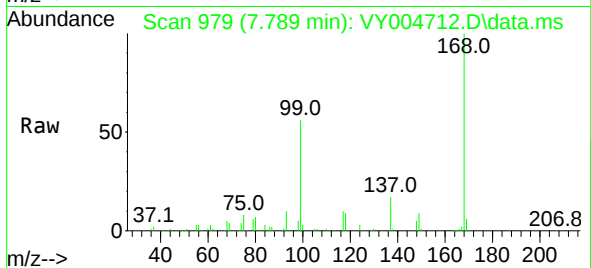
Tgt Ion: 84 Resp: 8379
Ion Ratio Lower Upper
84 100
49 128.5 111.2 166.8
51 36.0 33.4 50.2
86 62.5 52.7 79.1



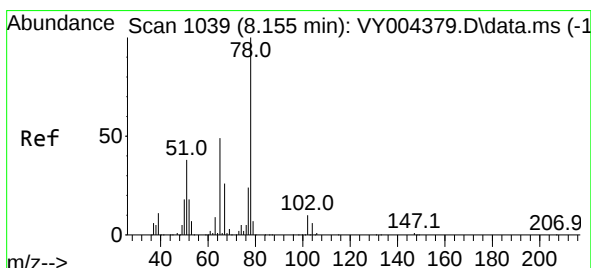
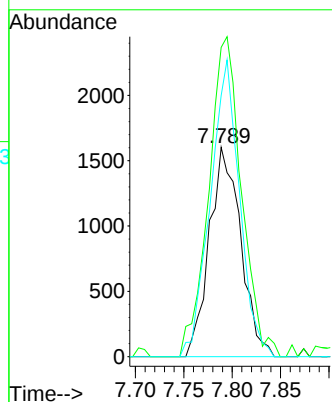
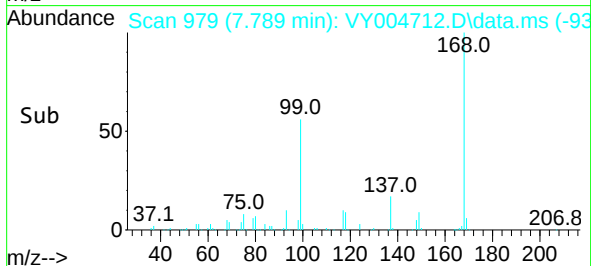


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58

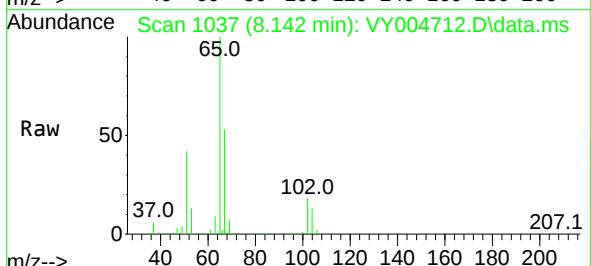
Instrument :
MSVOA_Y
ClientSampleId :



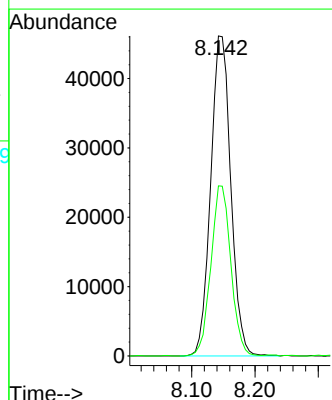
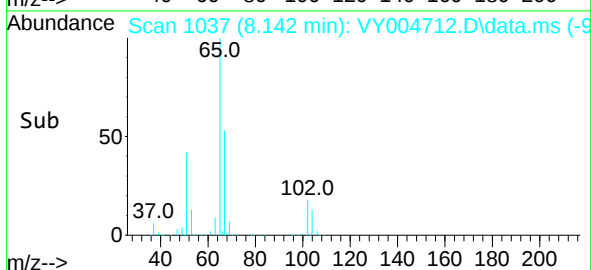
Tgt Ion: 56 Resp: 3616
Ion Ratio Lower Upper
56 100
69 147.8 25.8 38.6#
84 124.8 68.2 102.4#

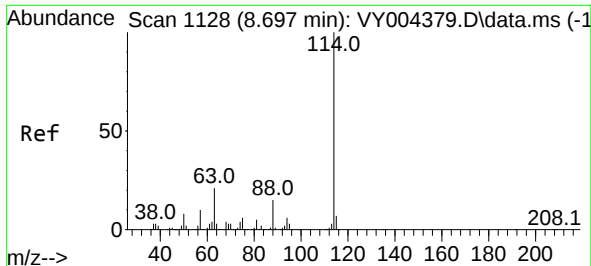


#33
1,2-Dichloroethane-d4
Concen: 61.95 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58



Tgt Ion: 65 Resp: 101952
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.4

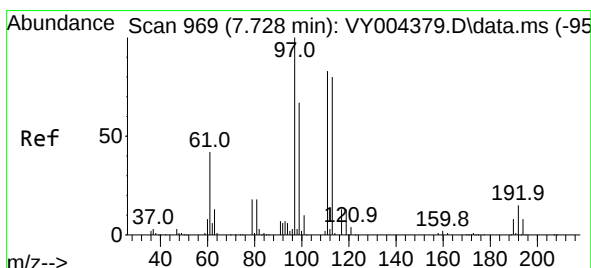
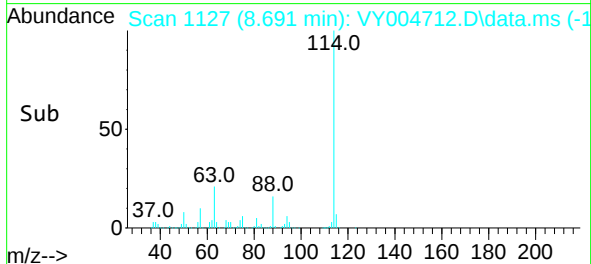
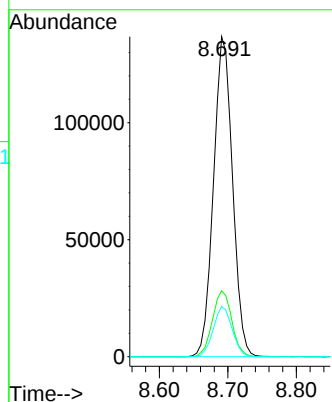
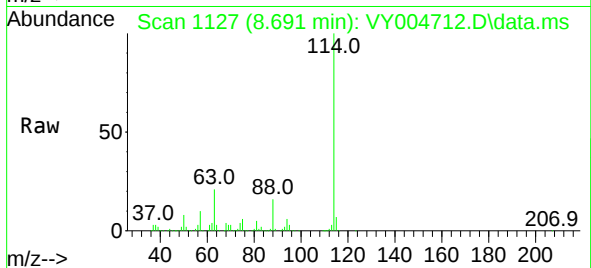




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58

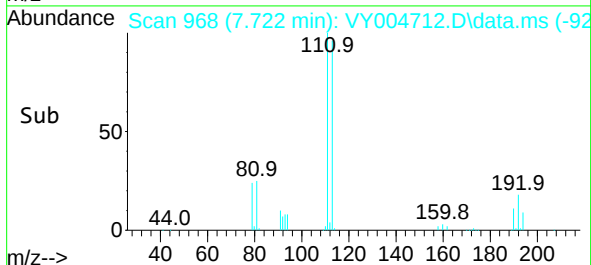
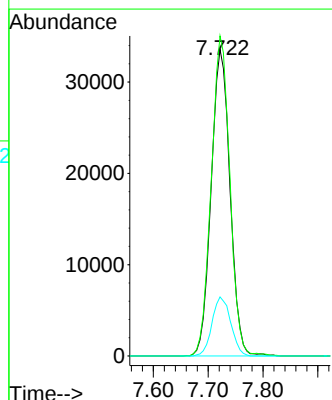
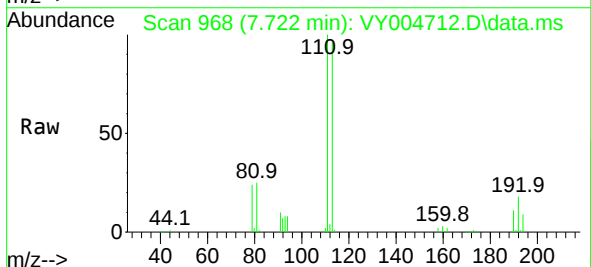
Instrument :
MSVOA_Y
ClientSampleId :

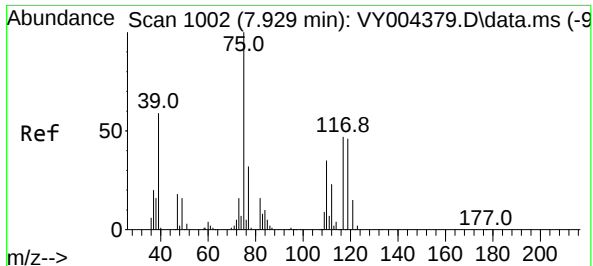
Tgt Ion:114 Resp: 263579
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.67 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58

Tgt Ion:113 Resp: 79972
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.1 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.55 ug/l

RT: 7.795 min Scan# 980

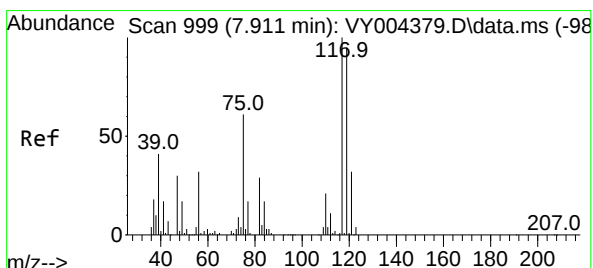
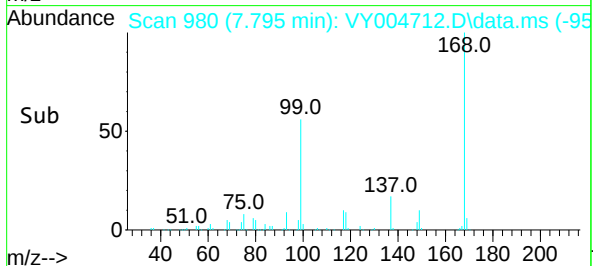
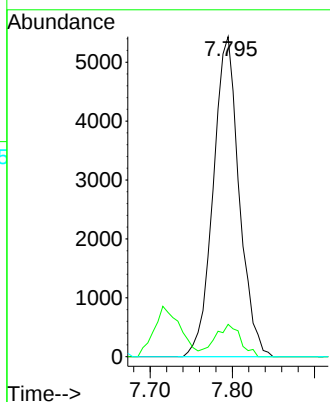
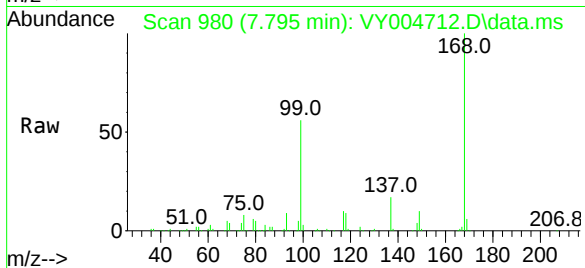
Delta R.T. -0.134 min

Lab File: VY004712.D

Acq: 04 May 2021 13:58

Tgt Ion: 75	Resp: 11916
Ion Ratio	Lower Upper
75 100	
110 10.0	17.3 51.7#
77 0.0	24.3 36.5#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.59 ug/l

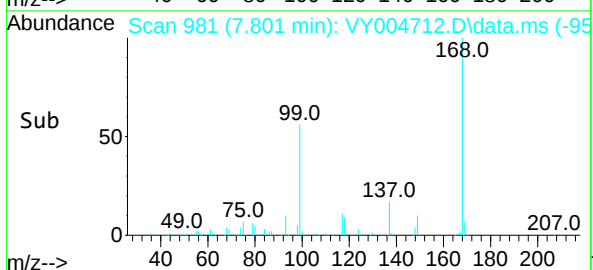
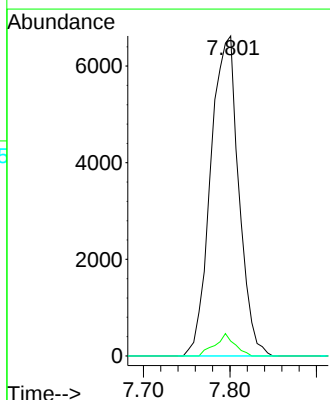
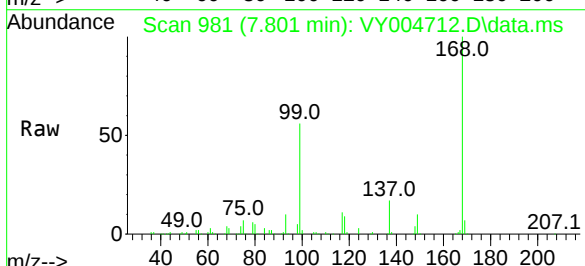
RT: 7.801 min Scan# 981

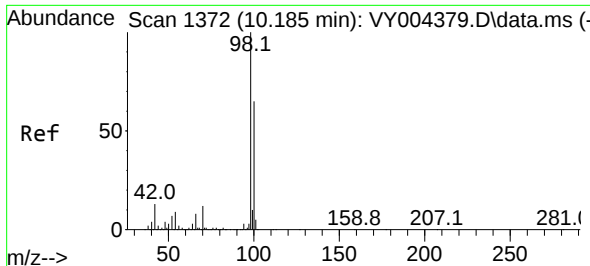
Delta R.T. -0.110 min

Lab File: VY004712.D

Acq: 04 May 2021 13:58

Tgt Ion: 117	Resp: 14911
Ion Ratio	Lower Upper
117 100	
119 4.6	75.8 113.8#
121 0.0	25.3 37.9#

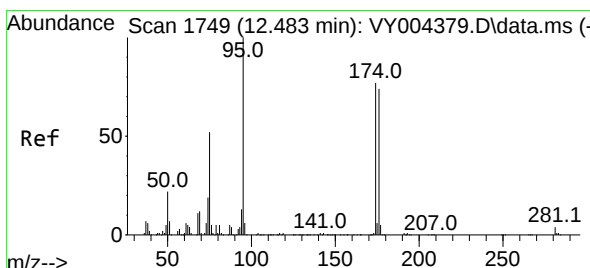
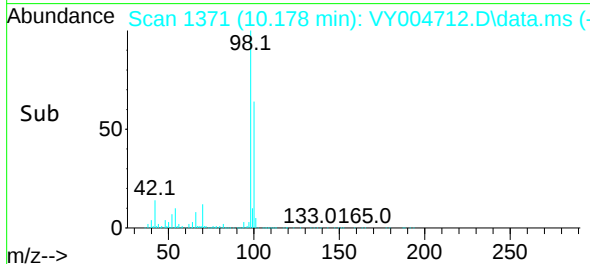
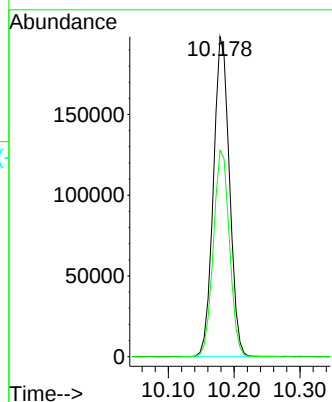
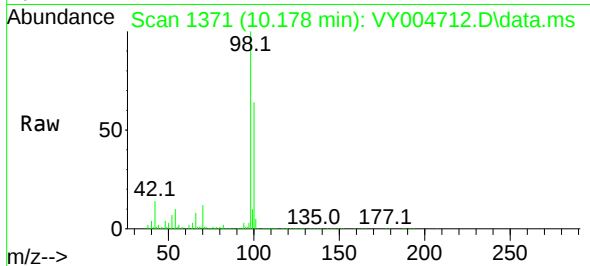




#50
Toluene-d8
Concen: 54.08 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58

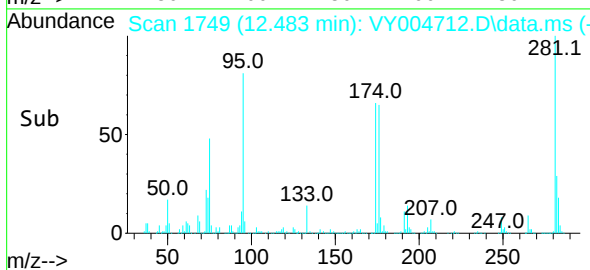
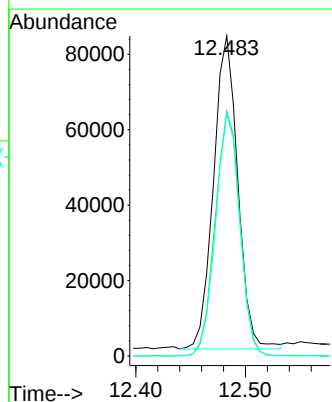
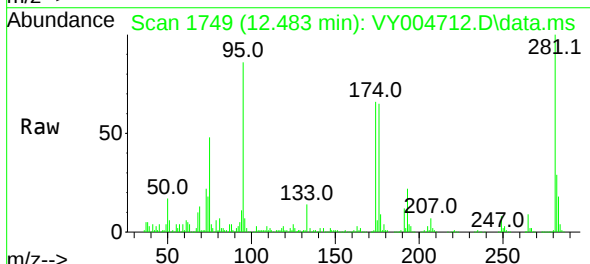
Instrument :
MSVOA_Y
ClientSampled :

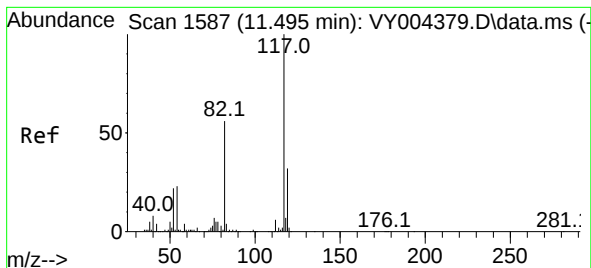
Tgt Ion: 98 Resp: 336482
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.53 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58

Tgt Ion: 95 Resp: 127802
Ion Ratio Lower Upper
95 100
174 79.3 0.0 162.4
176 77.3 0.0 156.0

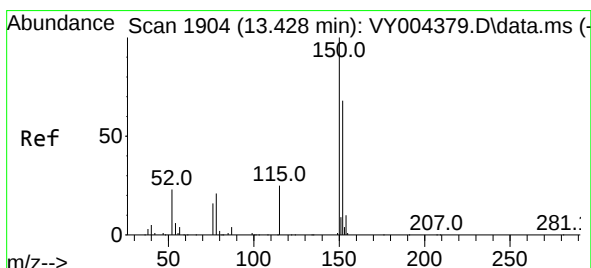
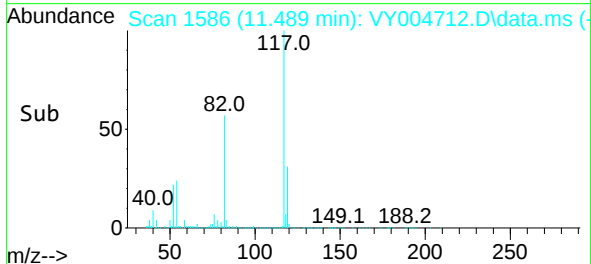
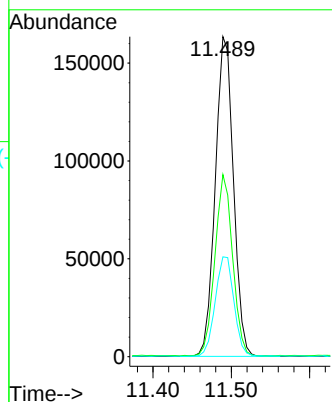
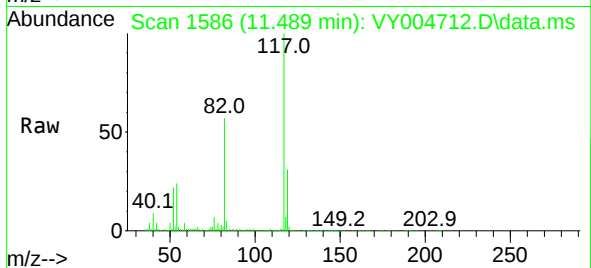




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58

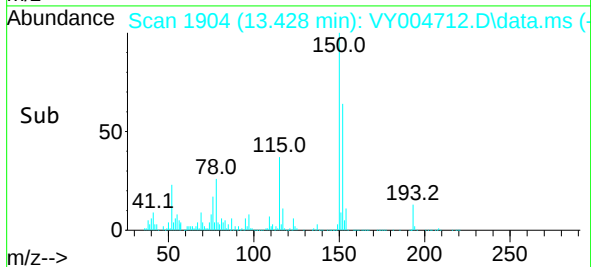
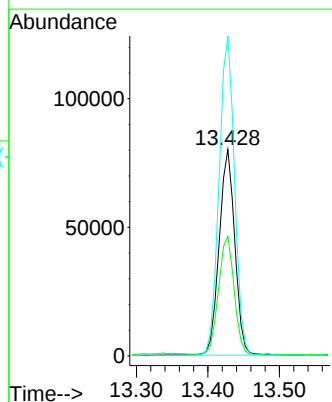
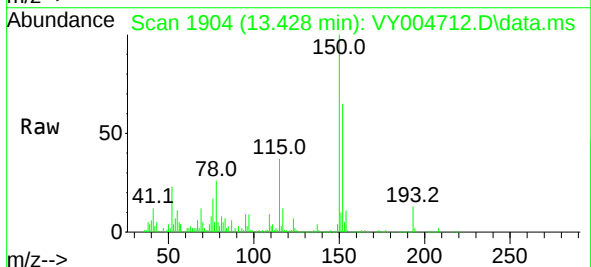
Instrument :
MSVOA_Y
ClientSampleId :

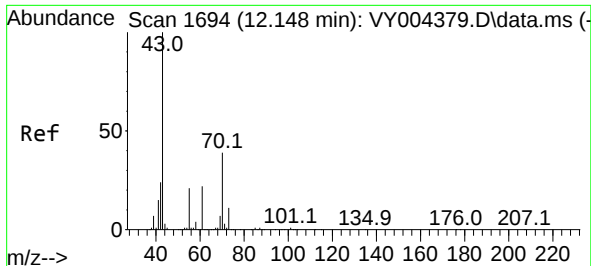
Tgt Ion:117 Resp: 263508
Ion Ratio Lower Upper
117 100
82 56.7 44.9 67.3
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58

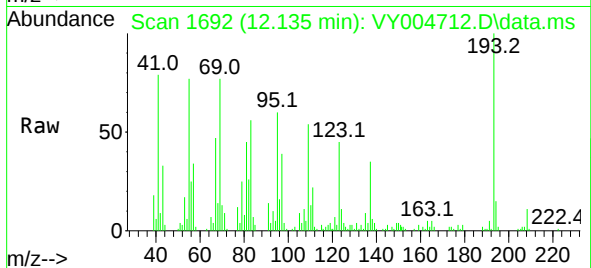
Tgt Ion:152 Resp: 121745
Ion Ratio Lower Upper
152 100
115 57.5 29.6 88.8
150 152.8 0.0 348.4



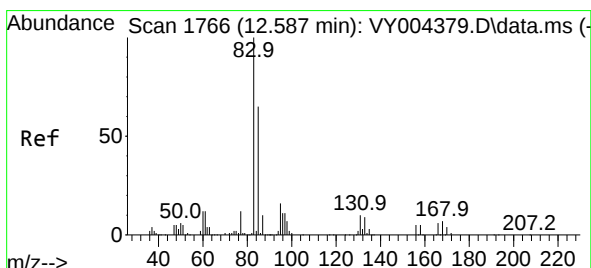
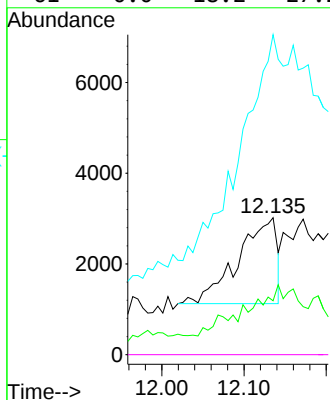
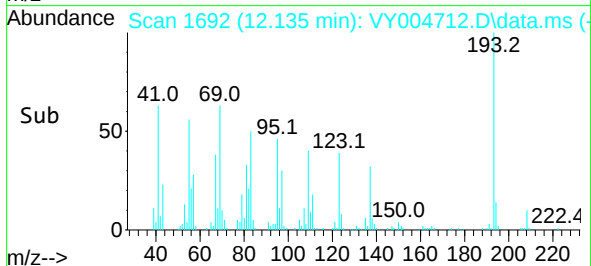


#74
N-amy1 acetate
Concen: 1.96 ug/l
RT: 12.135 min Scan# 1692
Delta R.T. -0.012 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58

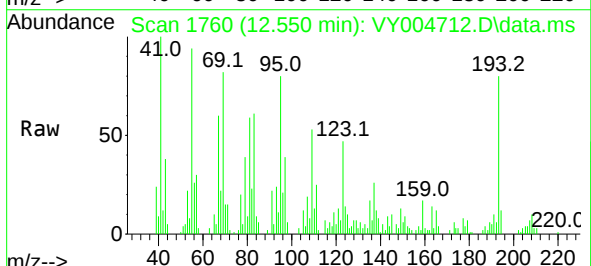
Instrument :
MSVOA_Y
ClientSampleId :



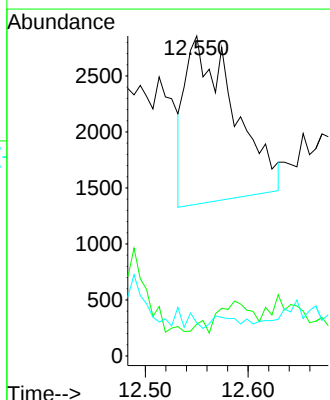
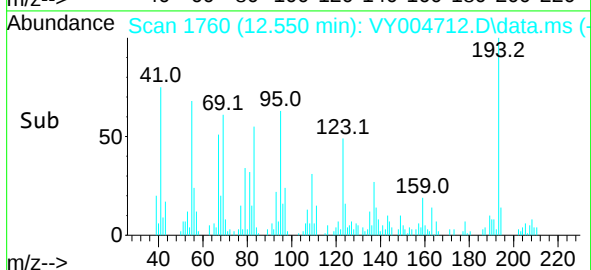
Tgt Ion:	43	Resp:	6204
Ion	Ratio	Lower	Upper
43	100		
70	41.7	30.4	45.6
55	350.9	17.4	26.0#
61	0.0	18.2	27.2#

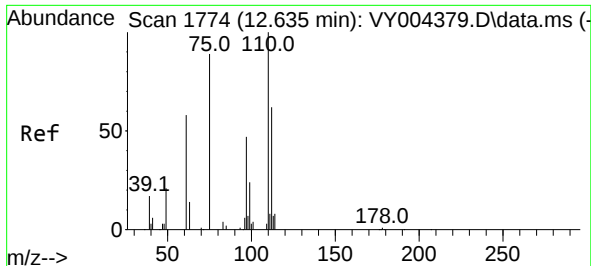


#75
1,1,2,2-Tetrachloroethane
Concen: 2.73 ug/l
RT: 12.550 min Scan# 1760
Delta R.T. -0.037 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58



Tgt Ion:	83	Resp:	4863
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	2.9	31.6	94.8#

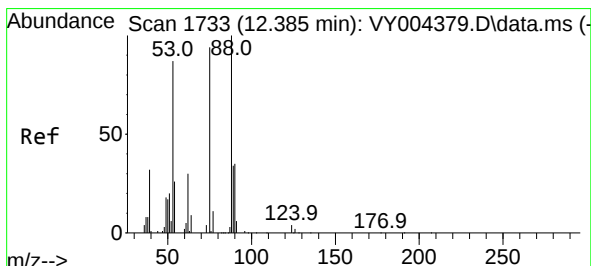
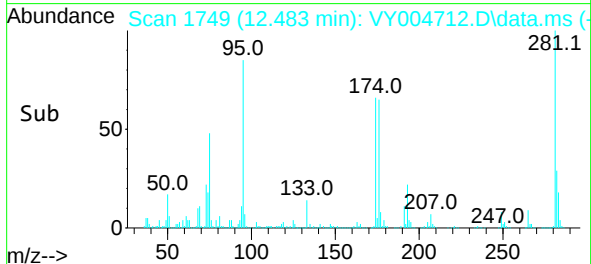
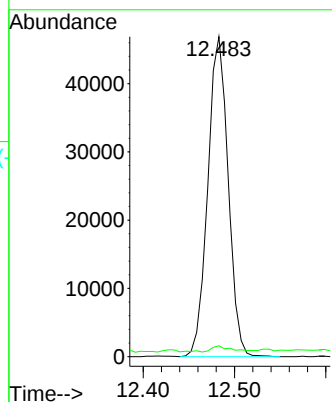
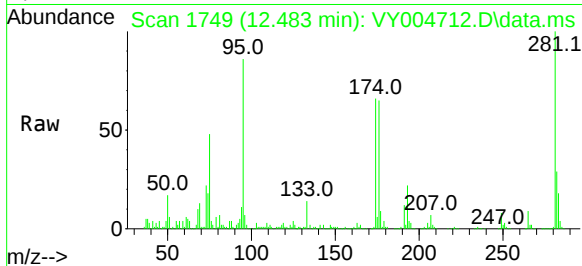




#76
1,2,3-Trichloropropane
Concen: 55.52 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 72552
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.33 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004712.D
Acq: 04 May 2021 13:58

Tgt Ion: 75 Resp: 72552
Ion Ratio Lower Upper
75 100
53 0.9 75.0 112.6#
89 2.7 36.1 54.1#

