

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005723.D
 Acq On : 17 Aug 2021 20:12
 Operator : SY/MD
 Sample : M3430-05
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 01:53:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	9847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	15080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	14661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6320	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	6780	68.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.040%
35) Dibromofluoromethane	7.722	113	4481	53.074	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.140%
50) Toluene-d8	10.185	98	18734	52.907	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.820%
62) 4-Bromofluorobenzene	12.483	95	6162	52.551	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.100%

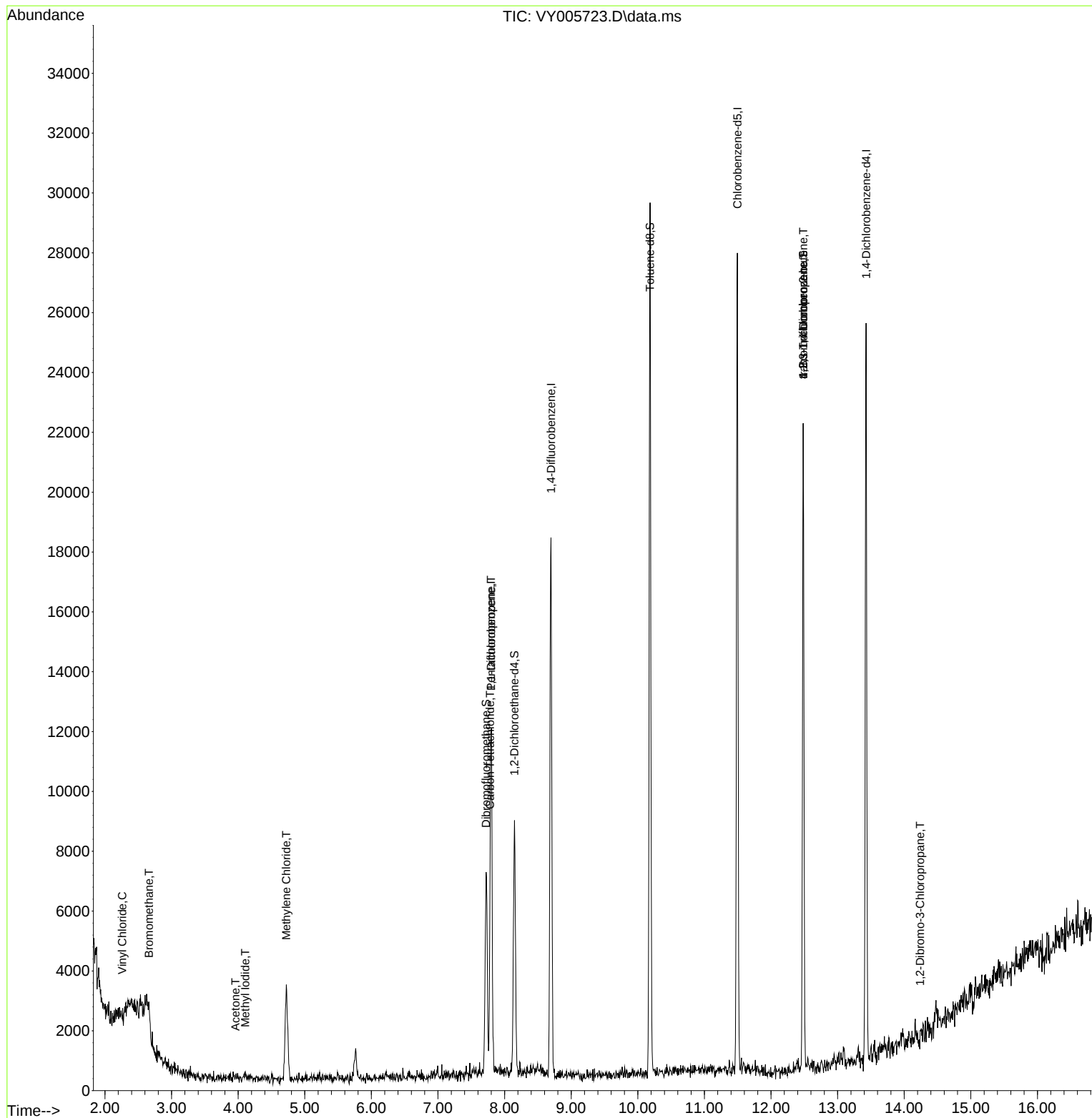
Target Compounds					Qvalue	
4) Vinyl Chloride	2.259	62	211	1.823	ug/l	# 42
5) Bromomethane	2.662	94	106	1.392	ug/l	94
10) Methyl Iodide	4.106	142	462	4.413	ug/l	# 44
16) Acetone	3.960	43	130	5.173	ug/l	# 45
20) Methylene Chloride	4.722	84	2232	18.598	ug/l	# 77
36) 1,1-Dichloropropene	7.795	75	654	4.624	ug/l	# 41
38) Carbon Tetrachloride	7.783	117	820	5.334	ug/l	# 13
76) 1,2,3-Trichloropropane	12.483	75	3201	48.875	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	3201	98.526	ug/l	# 11
92) 1,2-Dibromo-3-Chloropr...	14.239	75	20	1.243	ug/l	# 1

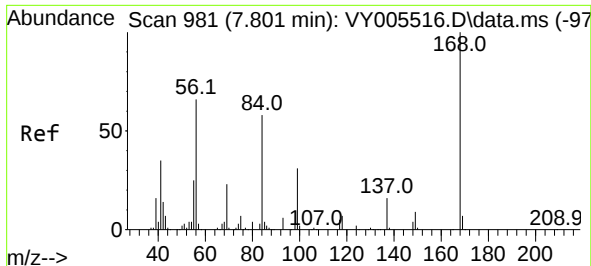
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

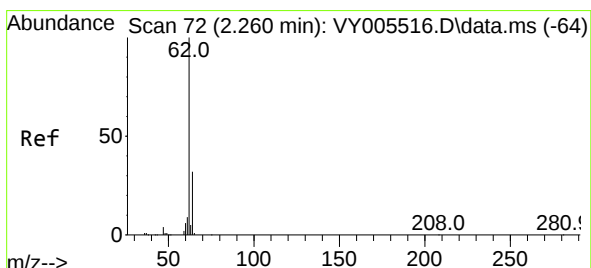
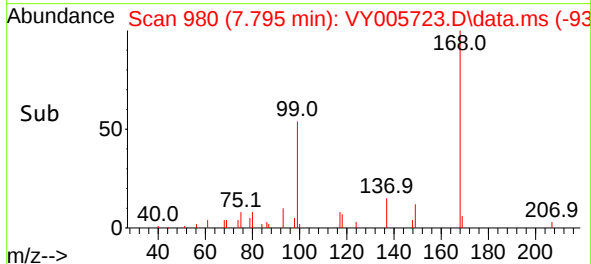
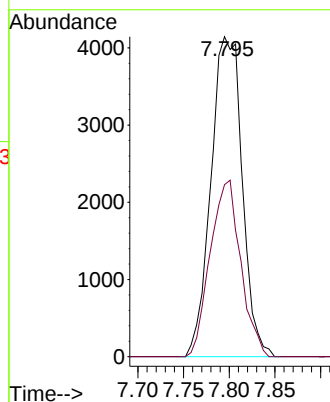
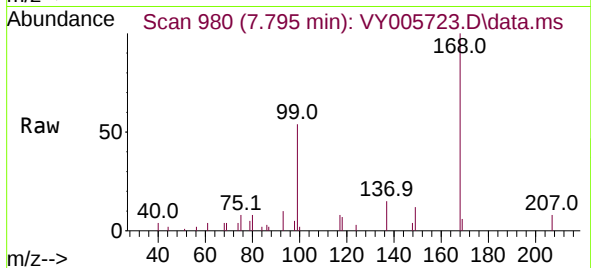




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005723.D
Acq: 17 Aug 2021 20:12

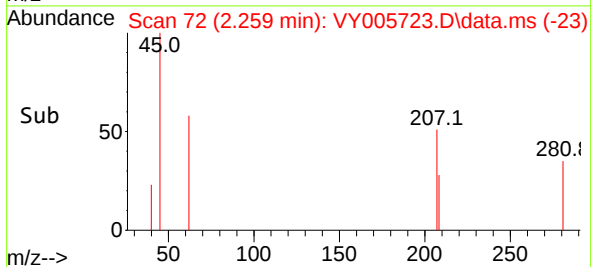
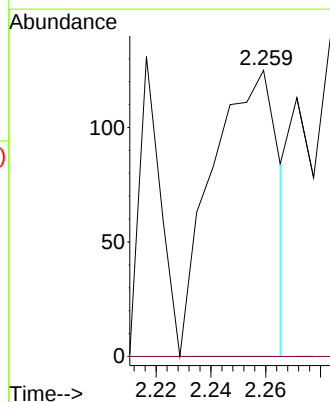
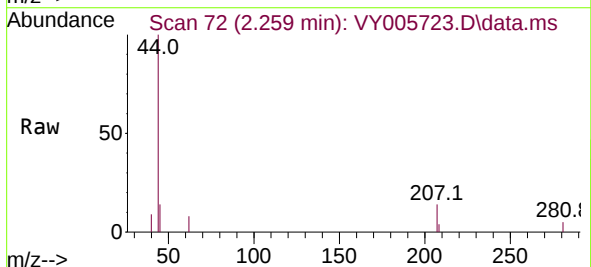
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MSVOA_Y
ClientSampleId :

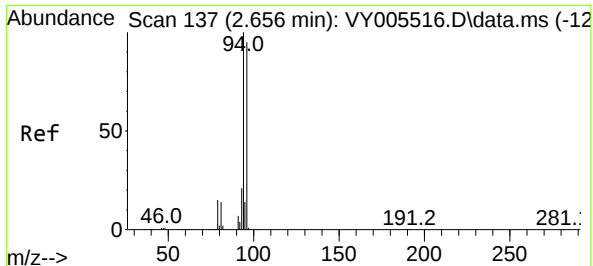
Tgt Ion:168 Resp: 9847
Ion Ratio Lower Upper
168 100
99 53.8 38.9 58.3



#4
Vinyl Chloride
Concen: 1.823 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY005723.D
Acq: 17 Aug 2021 20:12

Tgt Ion: 62 Resp: 211
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#

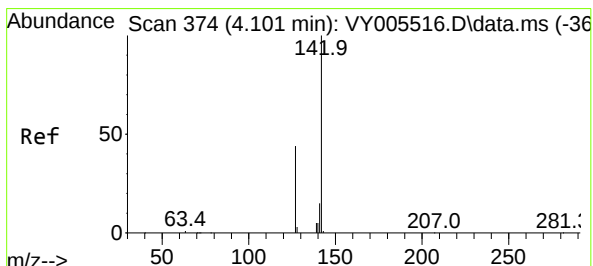
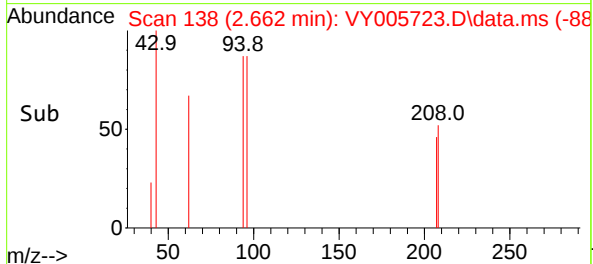
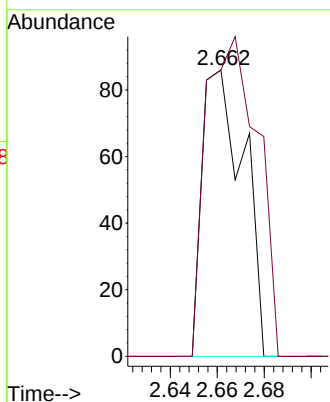
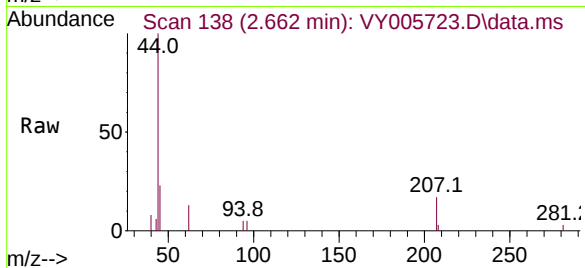




#5
Bromomethane
Concen: 1.392 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY005723.D
Acq: 17 Aug 2021 20:12

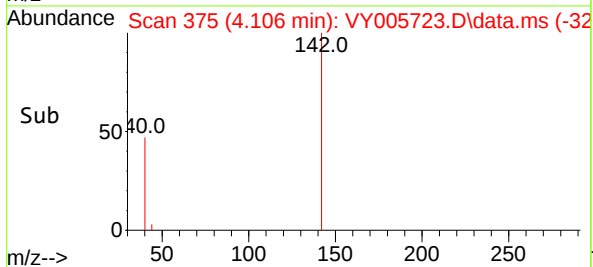
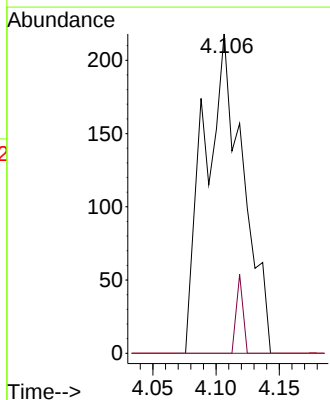
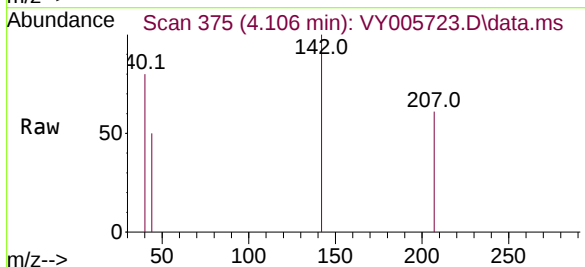
Instrument :
MSVOA_Y
ClientSampled :

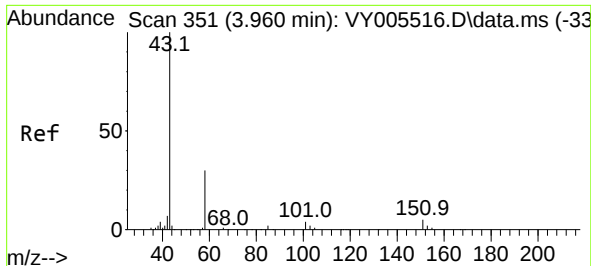
Tgt Ion: 94 Resp: 106
Ion Ratio Lower Upper
94 100
96 100.0 75.7 113.5



#10
Methyl Iodide
Concen: 4.413 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005723.D
Acq: 17 Aug 2021 20:12

Tgt Ion:142 Resp: 462
Ion Ratio Lower Upper
142 100
127 4.3 36.6 54.8#
141 0.0 12.2 18.4#

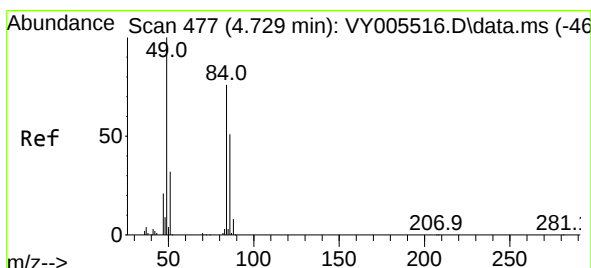
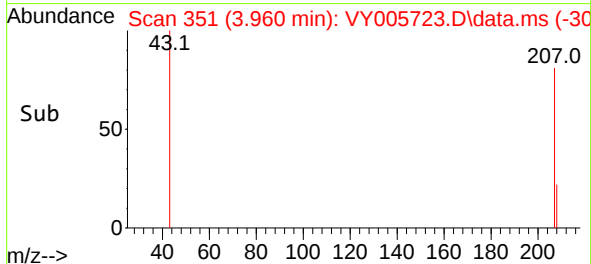
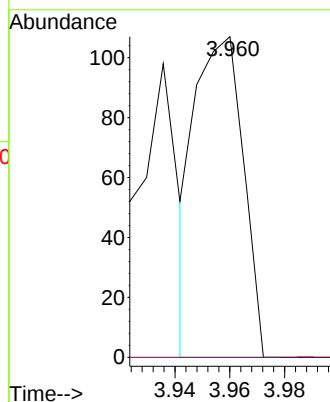
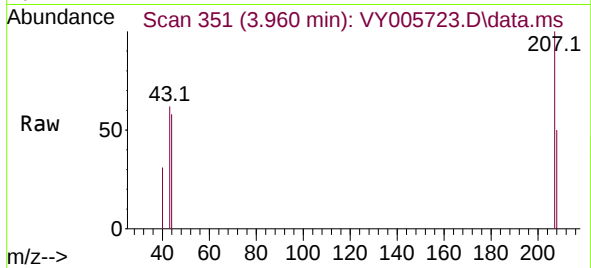




#16
Acetone
Concen: 5.173 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005723.D
Acq: 17 Aug 2021 20:12

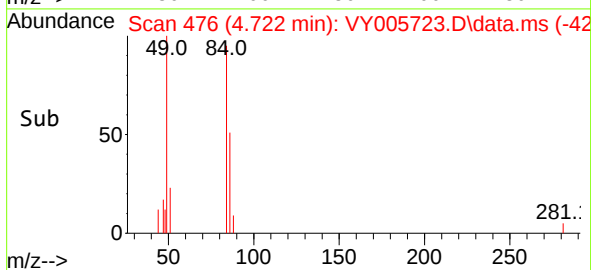
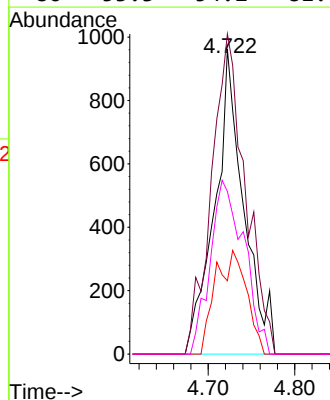
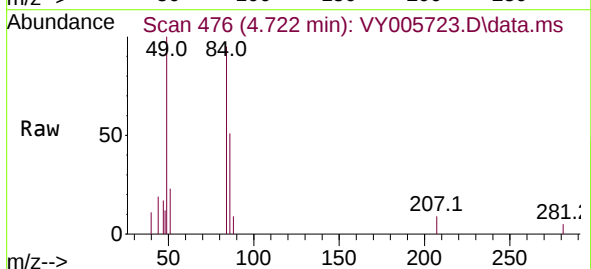
Instrument :
MSVOA_Y
ClientSampleId :

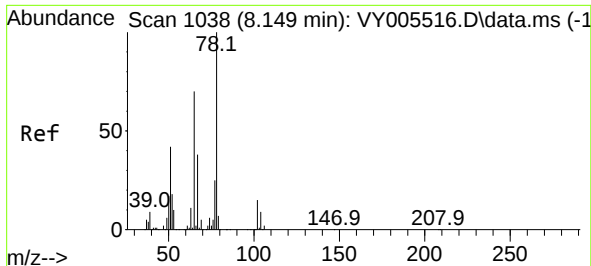
Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#20
Methylene Chloride
Concen: 18.598 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005723.D
Acq: 17 Aug 2021 20:12

Tgt Ion: 84 Resp: 2232
Ion Ratio Lower Upper
84 100
49 105.0 105.8 158.6#
51 24.0 33.4 50.2#
86 53.3 54.2 81.4#

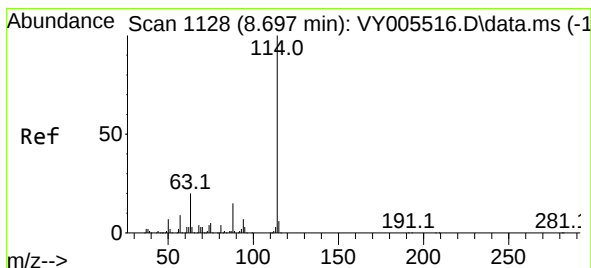
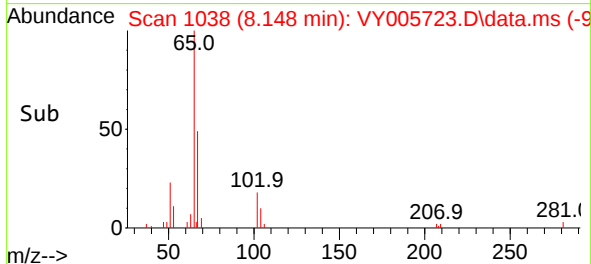
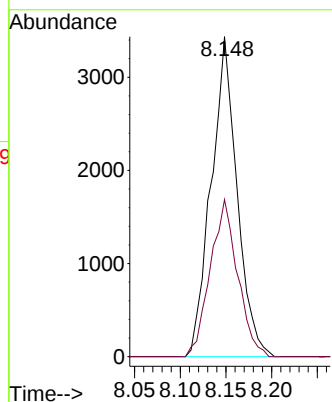
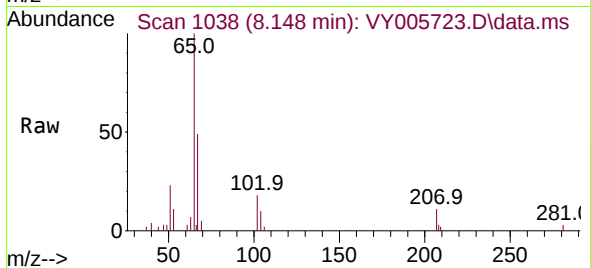




#33
1,2-Dichloroethane-d4
Concen: 68.020 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005723.D
Acq: 17 Aug 2021 20:12

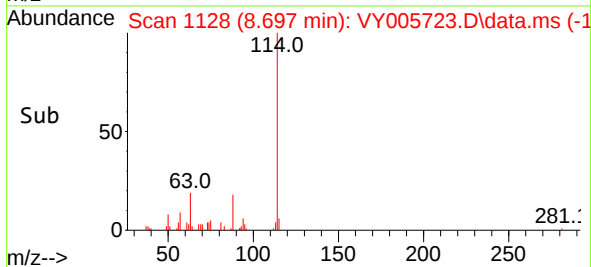
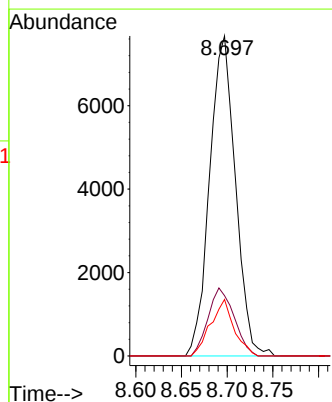
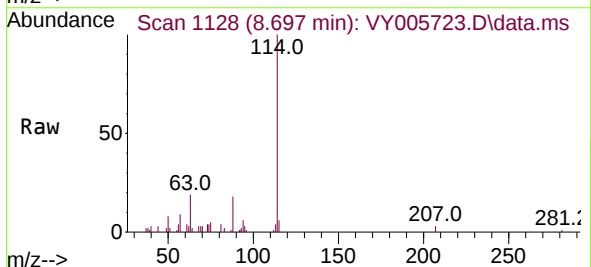
Instrument :
MSVOA_Y
ClientSampled :

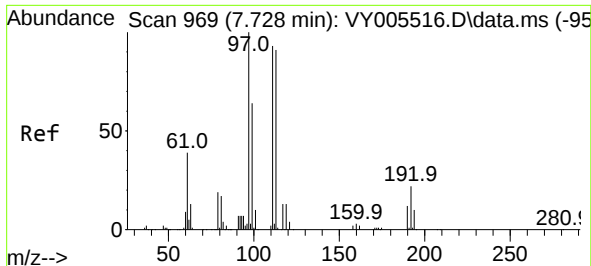
Tgt Ion: 65 Resp: 6780
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005723.D
Acq: 17 Aug 2021 20:12

Tgt Ion: 114 Resp: 15080
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.2
88 17.7 0.0 30.8

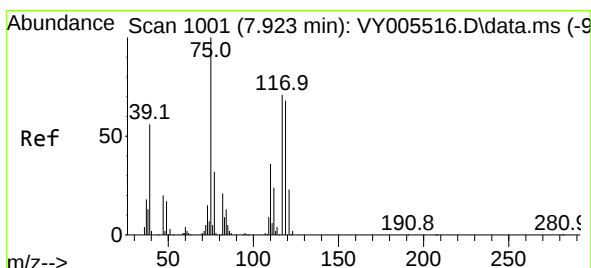
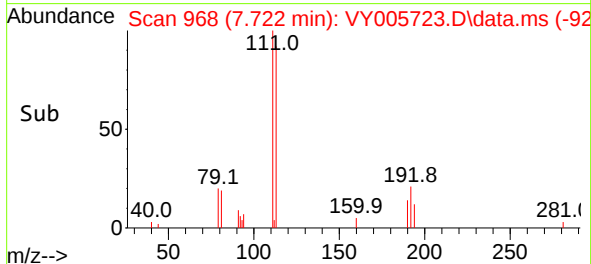
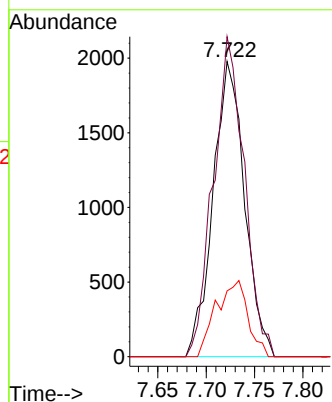
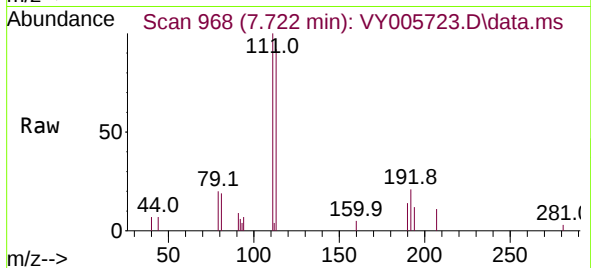




#35
Dibromofluoromethane
Concen: 53.074 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005723.D
Acq: 17 Aug 2021 20:12

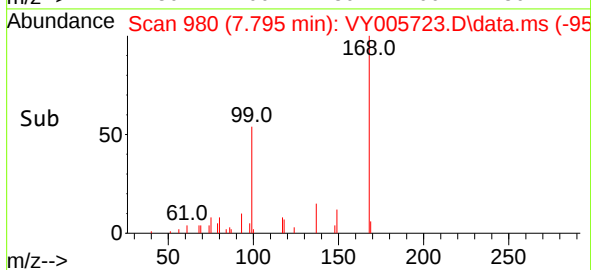
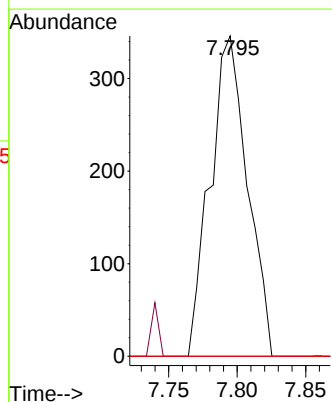
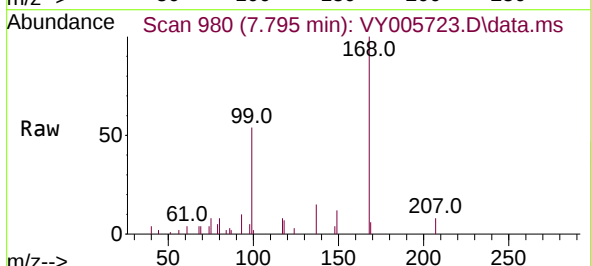
Instrument :
MSVOA_Y
ClientSampleId :

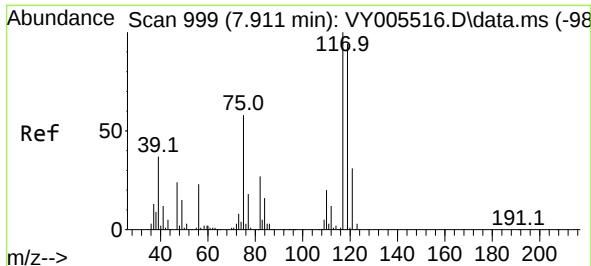
Tgt Ion:113 Resp: 4481
Ion Ratio Lower Upper
113 100
111 106.5 81.9 122.9
192 26.0 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.624 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005723.D
Acq: 17 Aug 2021 20:12

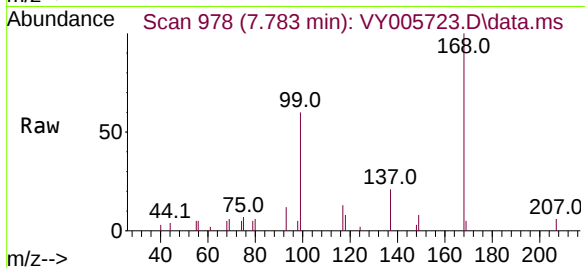
Tgt Ion: 75 Resp: 654
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.1#
77 0.0 25.1 37.7#



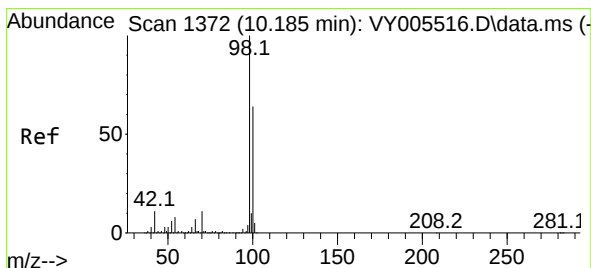
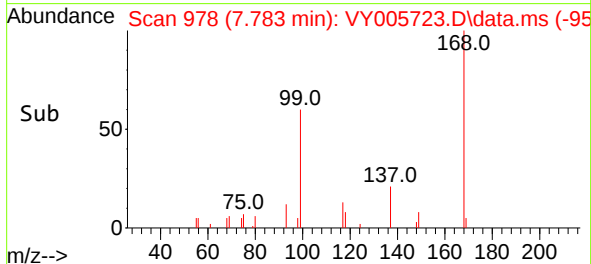
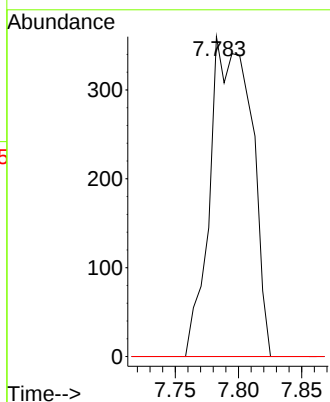


#38
Carbon Tetrachloride
Concen: 5.334 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY005723.D
Acq: 17 Aug 2021 20:12

Instrument :
MSVOA_Y
ClientSampleId :

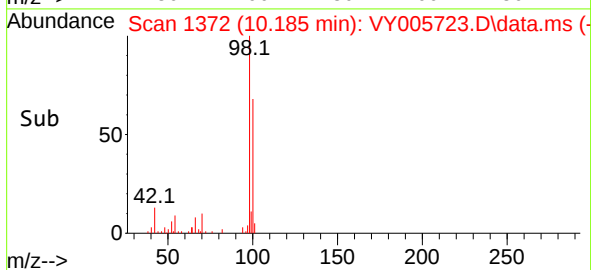
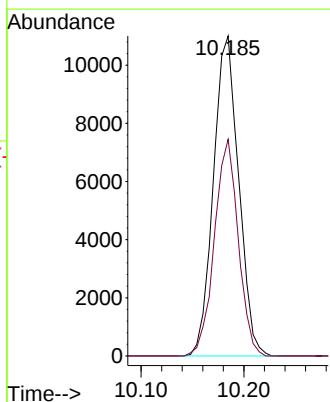
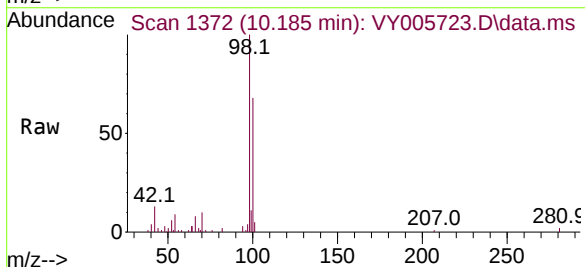


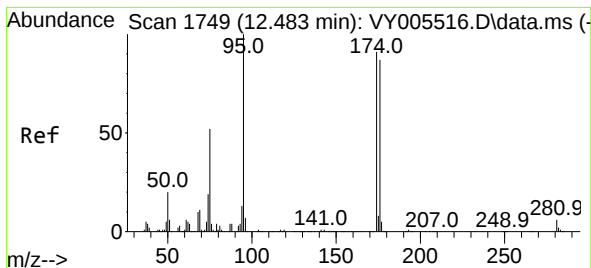
Tgt Ion:117 Resp: 820
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.907 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005723.D
Acq: 17 Aug 2021 20:12

Tgt Ion: 98 Resp: 18734
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9

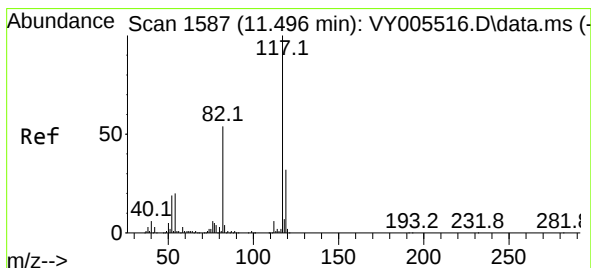
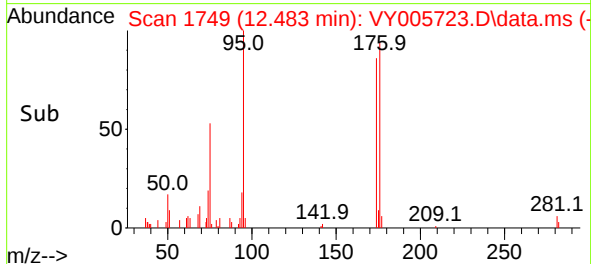
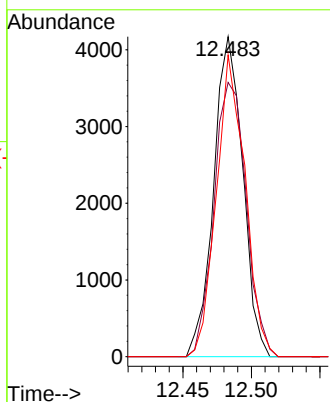
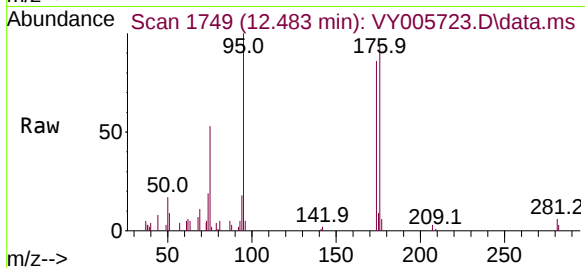




#62
4-Bromofluorobenzene
Concen: 52.551 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005723.D
Acq: 17 Aug 2021 20:12

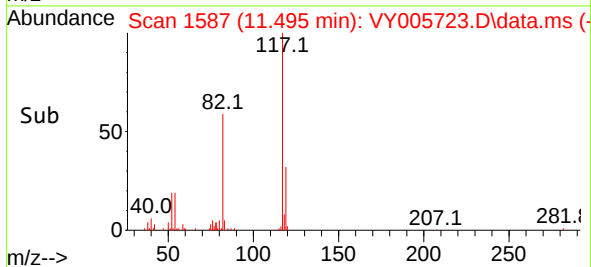
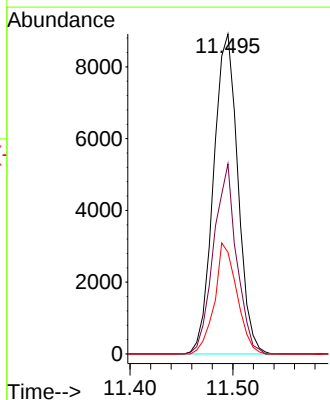
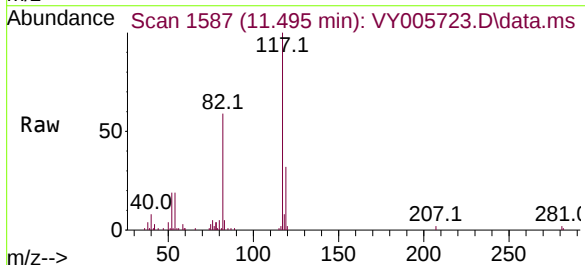
Instrument :
MSVOA_Y
ClientSampleId :

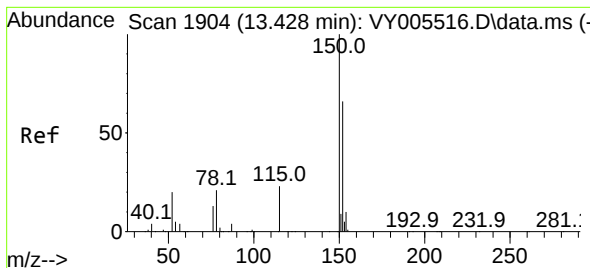
Tgt Ion:	95	Resp:	6162
Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	191.4
176	93.0	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005723.D
Acq: 17 Aug 2021 20:12

Tgt Ion:	117	Resp:	14661
Ion	Ratio	Lower	Upper
117	100		
82	59.4	43.5	65.3
119	31.8	25.5	38.3

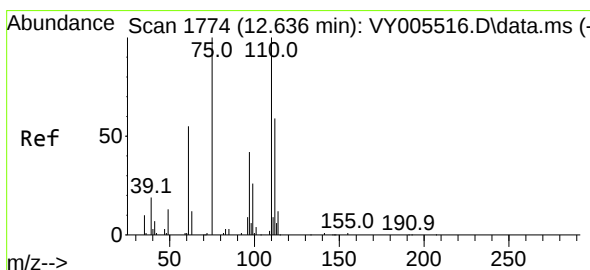
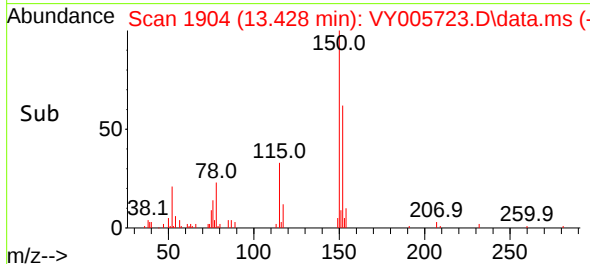
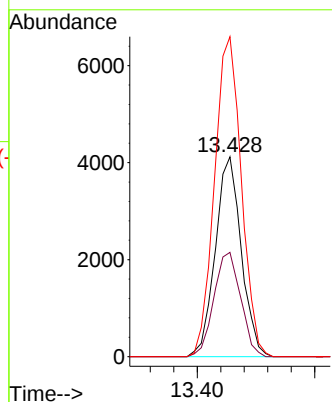
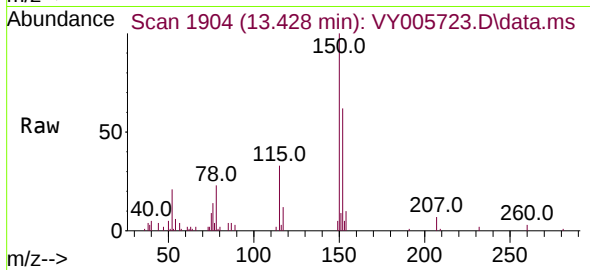




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005723.D
 Acq: 17 Aug 2021 20:12

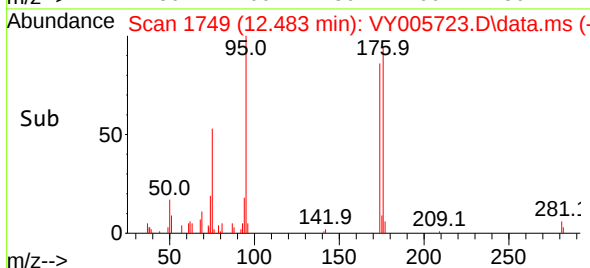
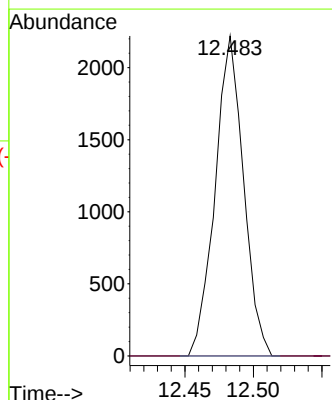
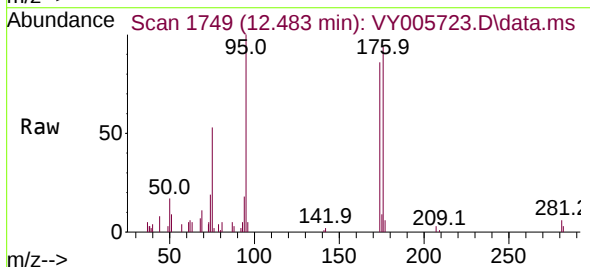
Instrument :
 MSVOA_Y
 ClientSampleId :

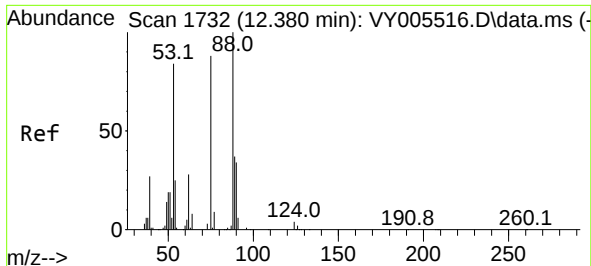
Tgt Ion:152 Resp: 6320
 Ion Ratio Lower Upper
 152 100
 115 53.8 27.3 81.9
 150 165.6 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 48.875 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005723.D
 Acq: 17 Aug 2021 20:12

Tgt Ion: 75 Resp: 3201
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

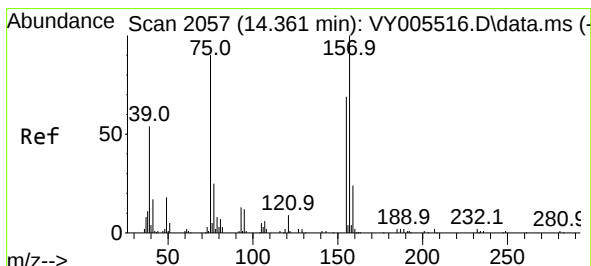
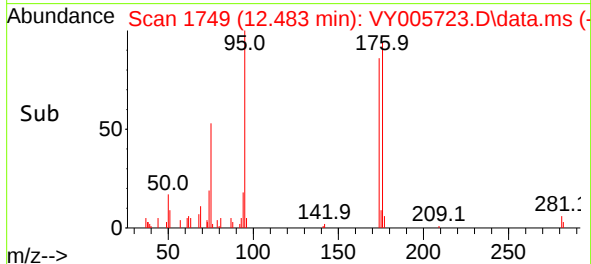
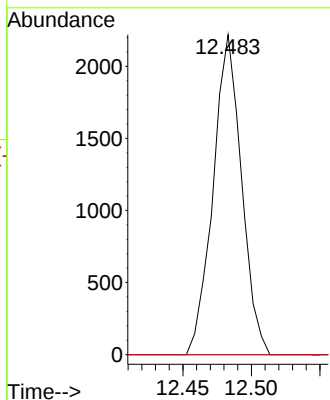
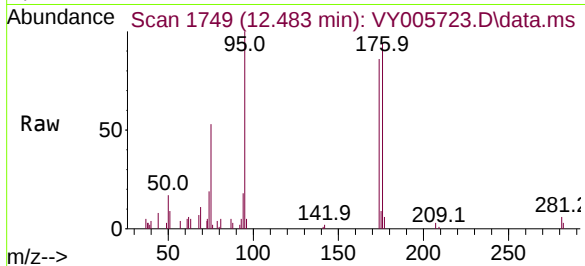




#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.526 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005723.D
 Acq: 17 Aug 2021 20:12

Instrument :
 MSVOA_Y
 ClientSampled :

Tgt Ion: 75 Resp: 3201
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.243 ug/l
 RT: 14.239 min Scan# 2037
 Delta R.T. -0.122 min
 Lab File: VY005723.D
 Acq: 17 Aug 2021 20:12

Tgt Ion: 75 Resp: 20
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.4 127.1#
 157 0.0 56.0 168.2#

