

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003923.D
 Acq On : 14 Jan 2021 16:51
 Operator : SY/MD
 Sample : M1100-02
 Misc : 6.25G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 15 00:58:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

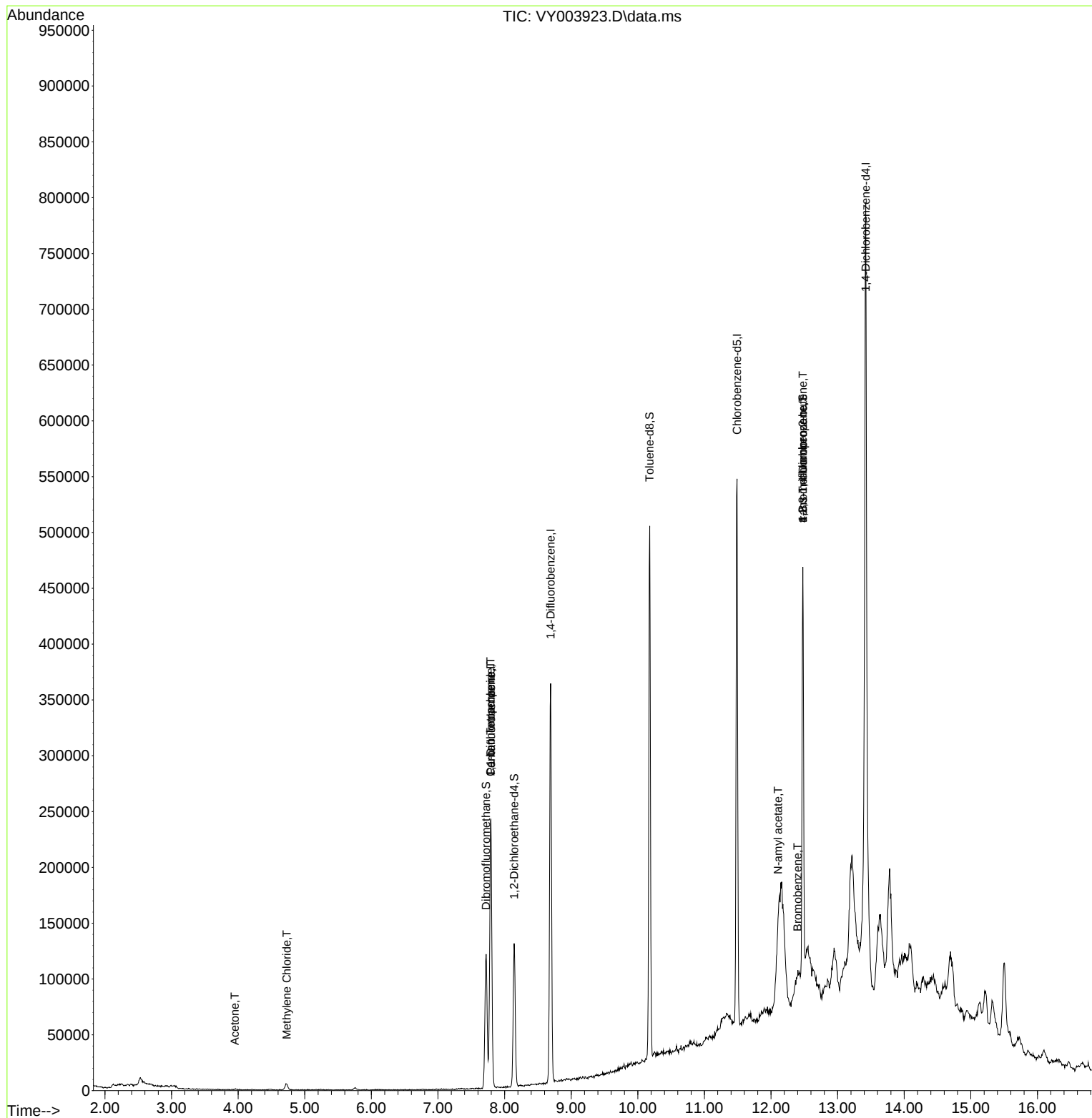
Internal Standards						
1) Pentafluorobenzene	7.795	168	187640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	286968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	251779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	98415	33.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	67.54%
35) Dibromofluoromethane	7.722	113	83386	35.56	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.12%
50) Toluene-d8	10.179	98	294414	30.98	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	61.96%
62) 4-Bromofluorobenzene	12.477	95	109727	31.61	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.22%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	278	Below Cal	#	43
3) Chloromethane	2.119	50	926	Below Cal		88
16) Acetone	3.948	43	761	1.06	ug/l	94
20) Methylene Chloride	4.729	84	3670	1.36	ug/l #	82
36) 1,1-Dichloropropene	7.789	75	14381	3.66	ug/l #	51
38) Carbon Tetrachloride	7.789	117	18834	4.53	ug/l #	16
74) N-amyl acetate	12.105	43	6136	1.60	ug/l #	68
76) 1,2,3-Trichloropropane	12.477	75	59309	36.72	ug/l #	100
77) Bromobenzene	12.398	156	10963	4.19	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.477	75	59309	69.71	ug/l #	4

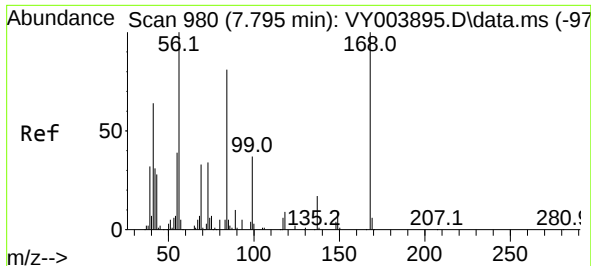
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

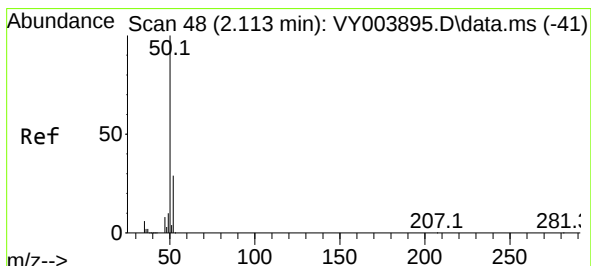
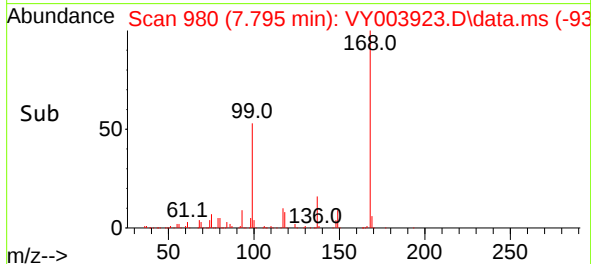
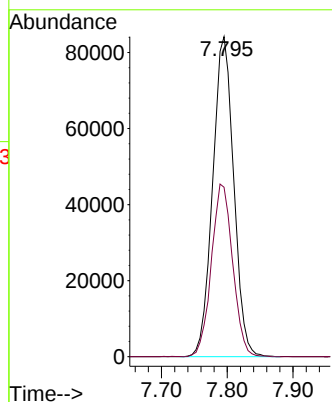
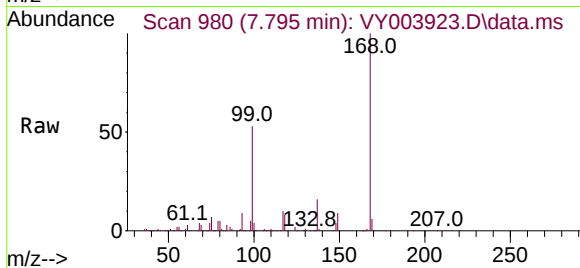




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

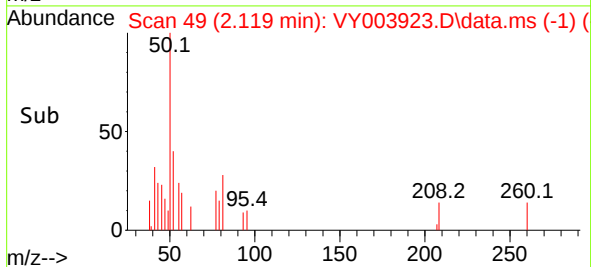
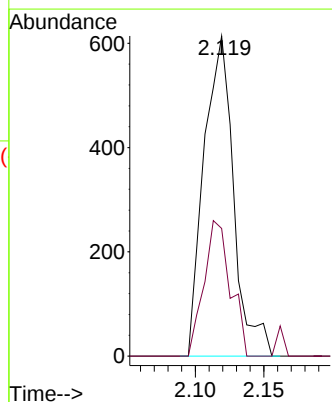
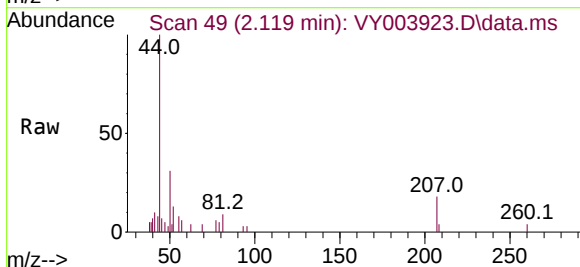
Instrument :
MSVOA_Y
ClientSampleId :

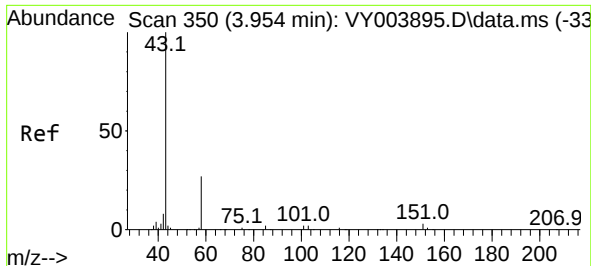
Tgt Ion:168 Resp: 187640
Ion Ratio Lower Upper
168 100
99 53.0 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

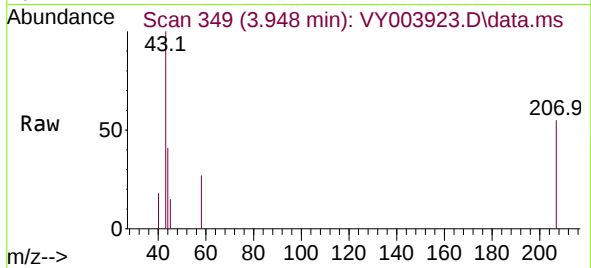
Tgt Ion: 50 Resp: 926
Ion Ratio Lower Upper
50 100
52 39.9 26.6 40.0



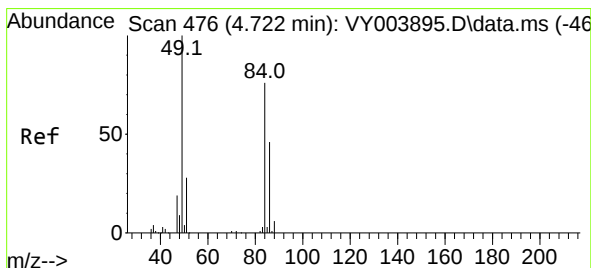
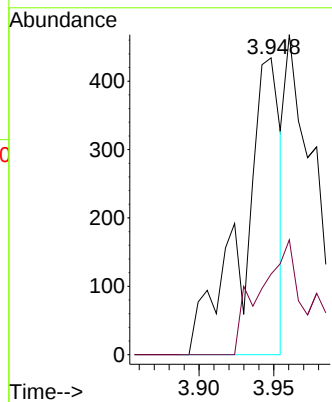
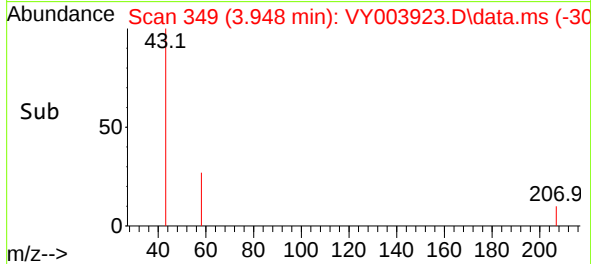


#16
Acetone
Concen: 1.06 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

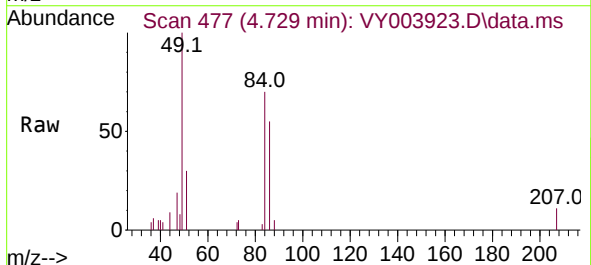
Instrument :
MSVOA_Y
ClientSampled :



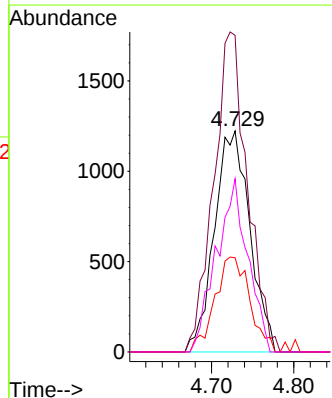
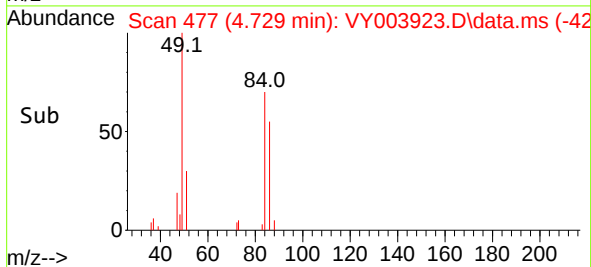
Tgt Ion: 43 Resp: 761
Ion Ratio Lower Upper
43 100
58 27.2 24.5 36.7

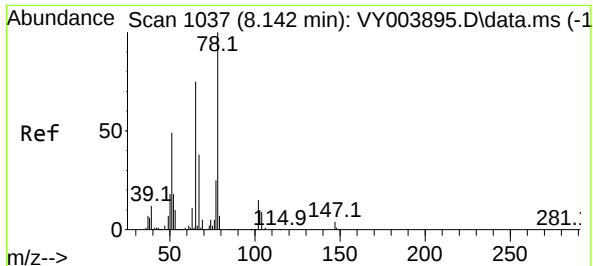


#20
Methylene Chloride
Concen: 1.36 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51



Tgt Ion: 84 Resp: 3670
Ion Ratio Lower Upper
84 100
49 143.3 98.0 147.0
51 42.7 30.5 45.7
86 78.3 48.6 73.0#

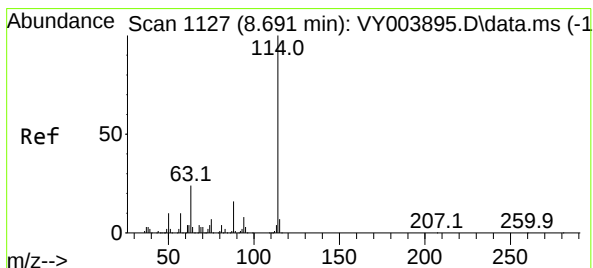
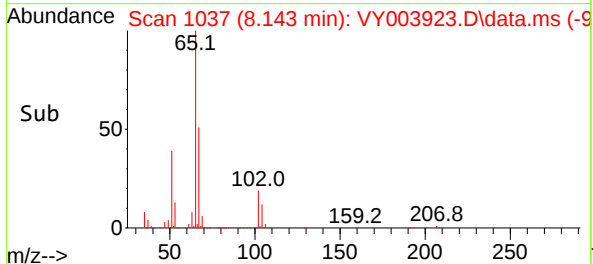
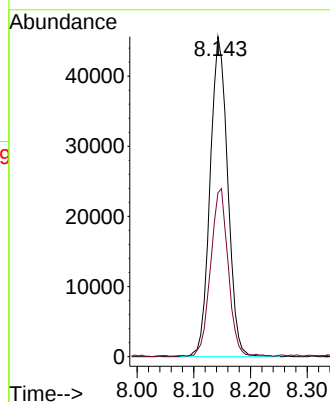
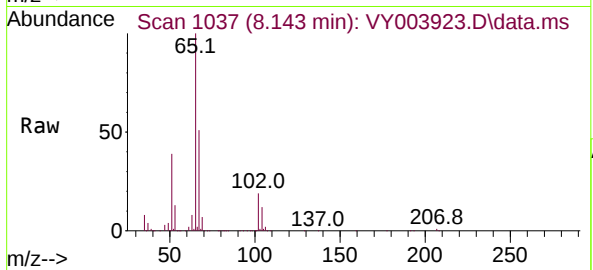




#33
1,2-Dichloroethane-d4
Concen: 33.77 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

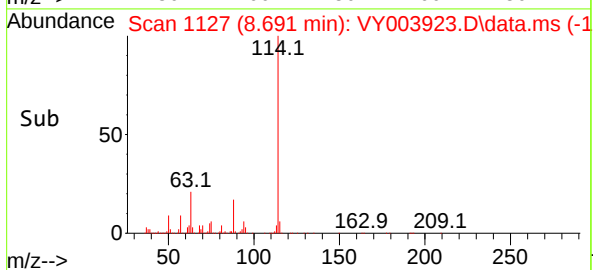
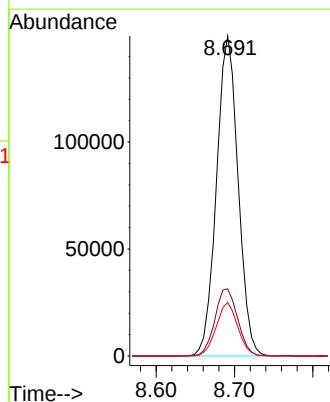
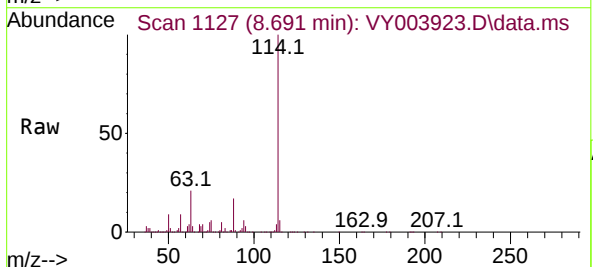
Instrument :
MSVOA_Y
ClientSampleId :

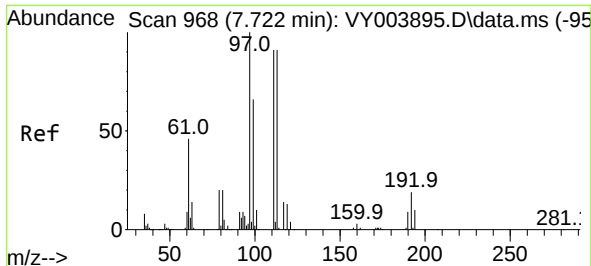
Tgt Ion: 65 Resp: 98415
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

Tgt Ion:114 Resp: 286968
Ion Ratio Lower Upper
114 100
63 21.0 0.0 38.8
88 16.7 0.0 31.4

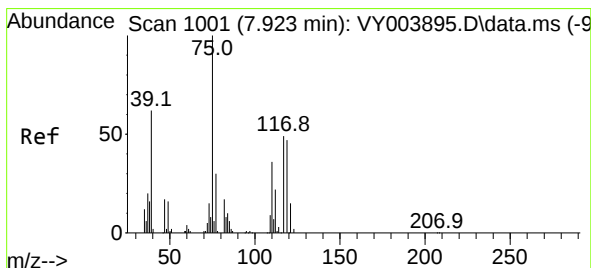
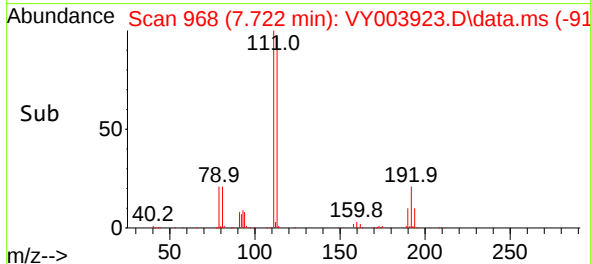
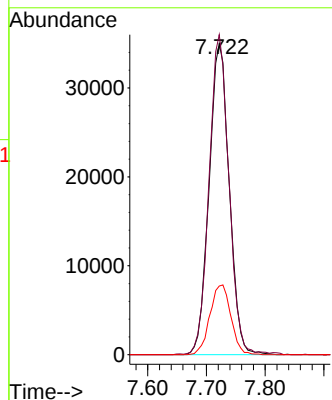
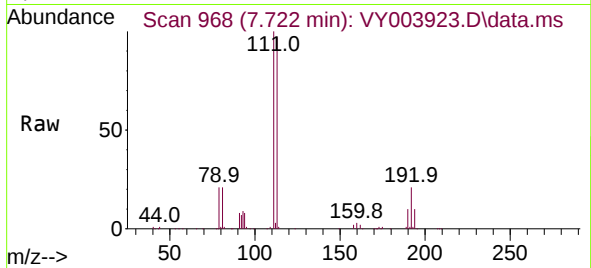




#35
Dibromofluoromethane
Concen: 35.56 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

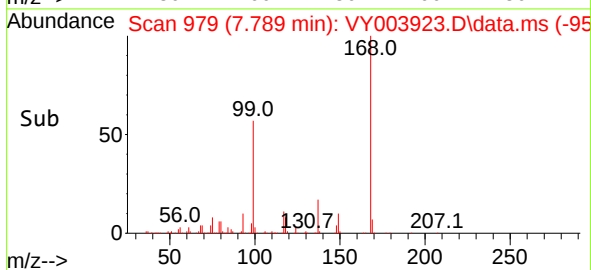
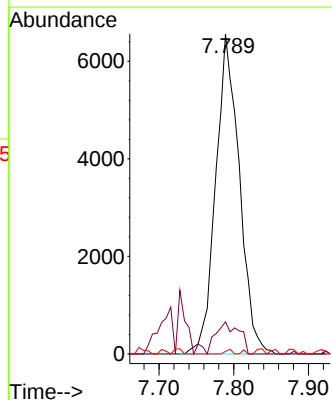
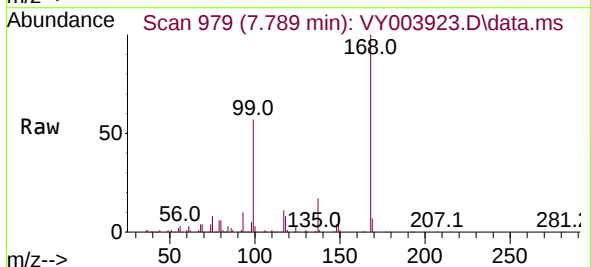
Instrument :
MSVOA_Y
ClientSampleId :

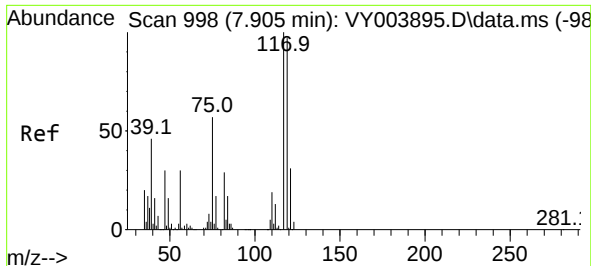
Tgt Ion:113 Resp: 83386
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.6
192 23.3 19.8 29.6



#36
1,1-Dichloropropene
Concen: 3.66 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

Tgt Ion: 75 Resp: 14381
Ion Ratio Lower Upper
75 100
110 9.9 17.7 53.1#
77 0.4 24.8 37.2#

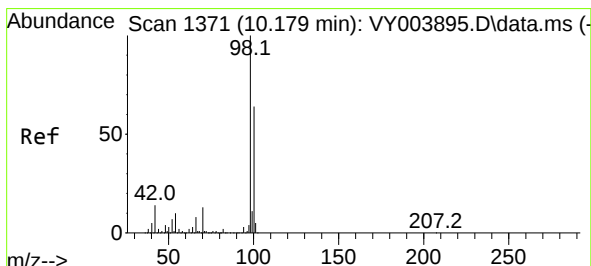
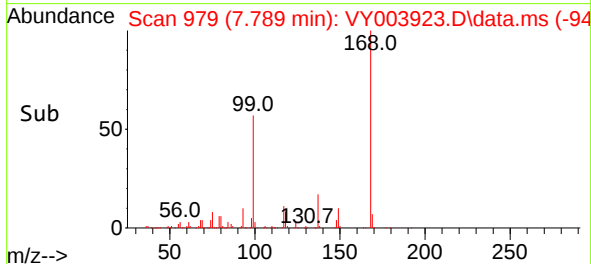
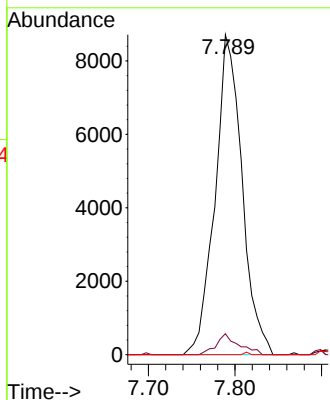
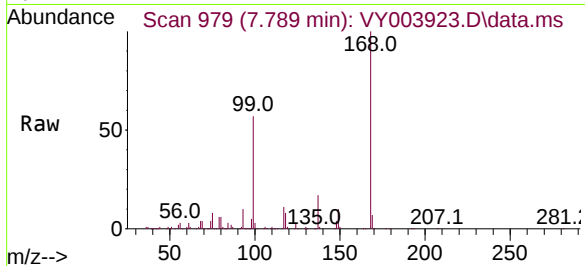




#38
Carbon Tetrachloride
Concen: 4.53 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

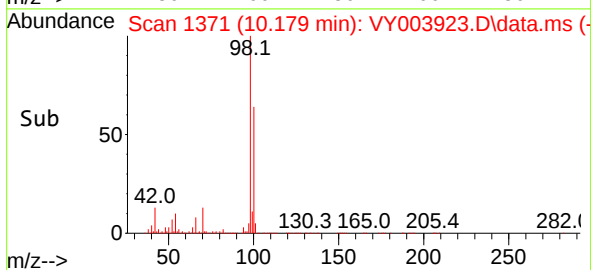
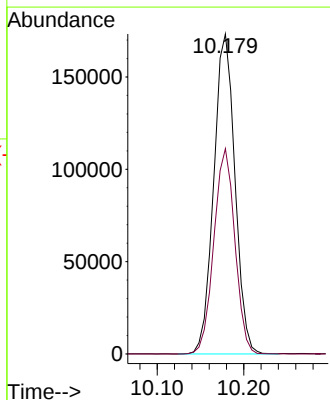
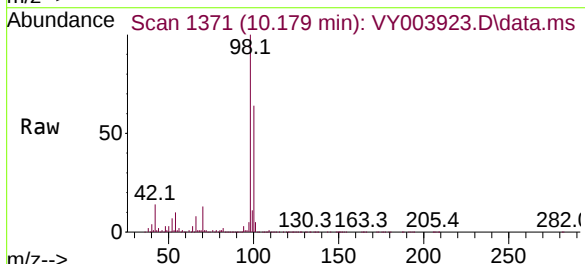
Instrument :
MSVOA_Y
ClientSampleId :

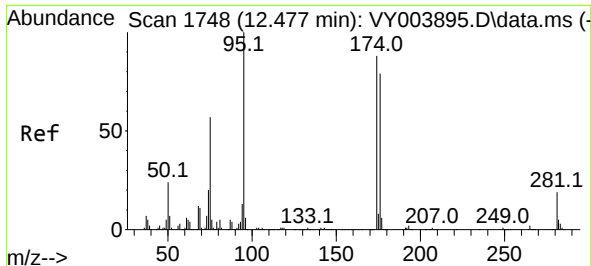
Tgt Ion:117 Resp: 18834
Ion Ratio Lower Upper
117 100
119 6.6 78.6 118.0#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 30.98 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

Tgt Ion: 98 Resp: 294414
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0

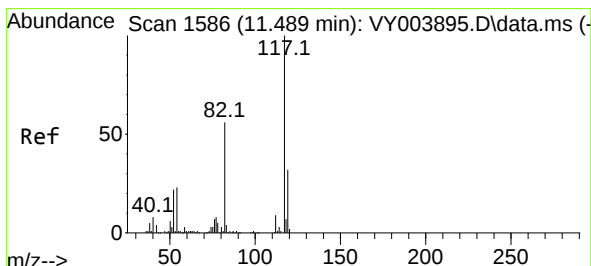
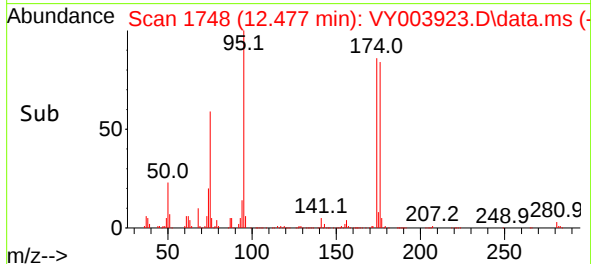
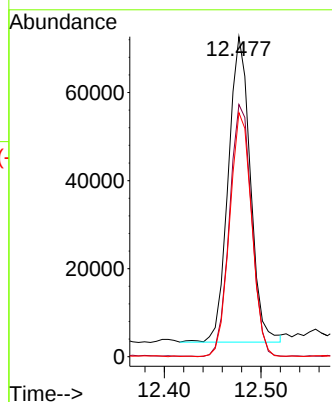
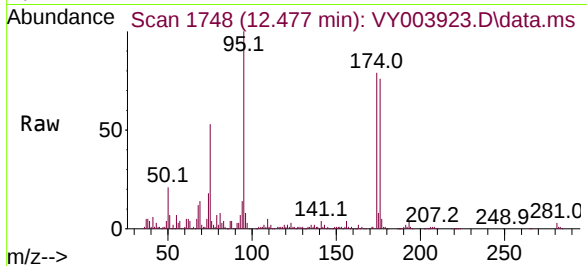




#62
4-Bromofluorobenzene
Concen: 31.61 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

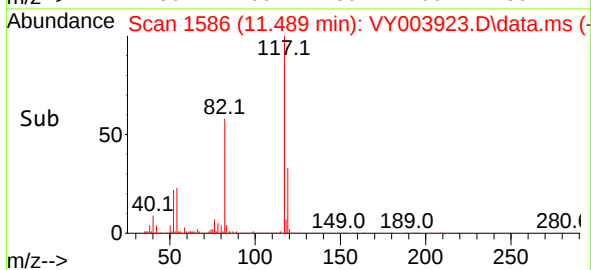
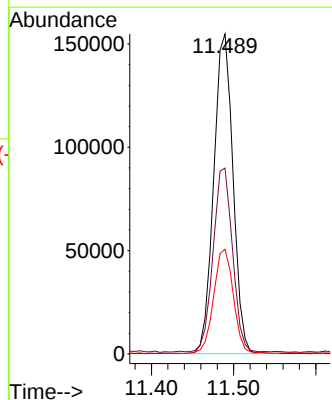
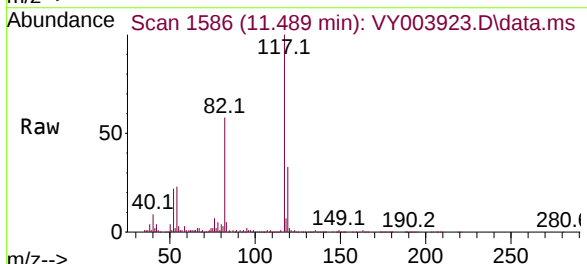
Instrument :
MSVOA_Y
ClientSampleId :

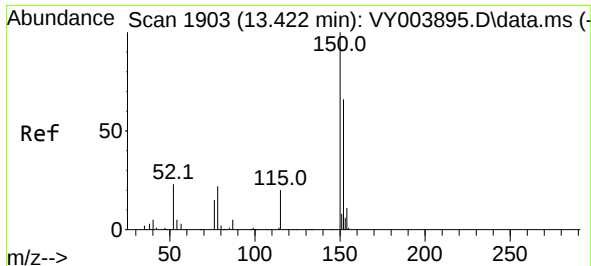
Tgt Ion:	95	Resp:	109727
Ion Ratio	Lower	Upper	
95	100		
174	83.0	0.0	193.2
176	80.0	0.0	187.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

Tgt Ion:	117	Resp:	251779
Ion Ratio	Lower	Upper	
117	100		
82	57.4	43.9	65.9
119	32.6	26.2	39.4

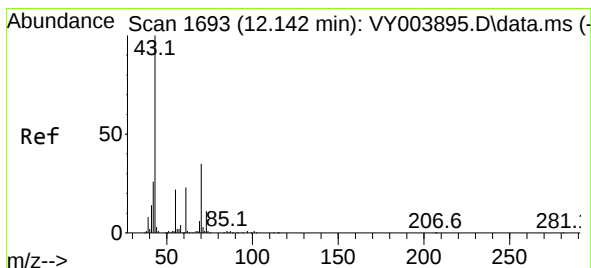
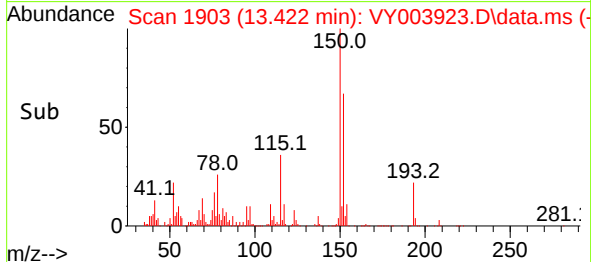
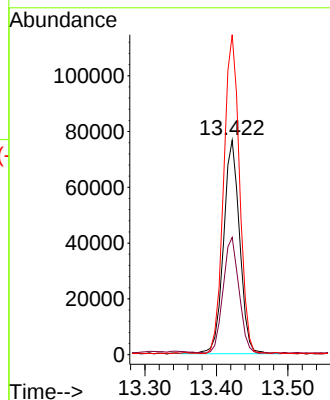
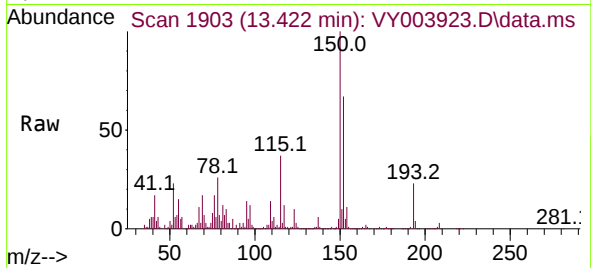




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

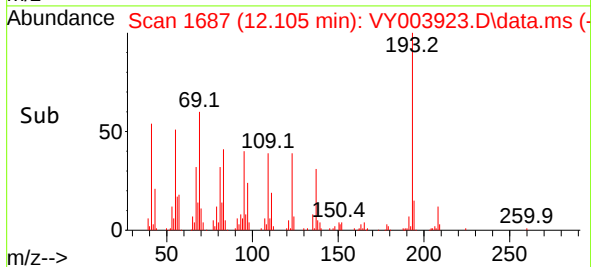
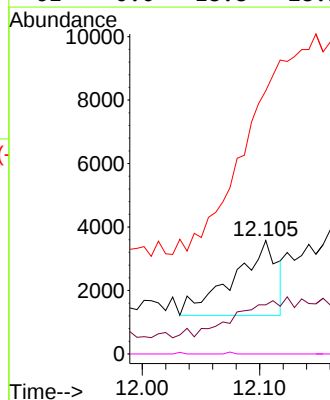
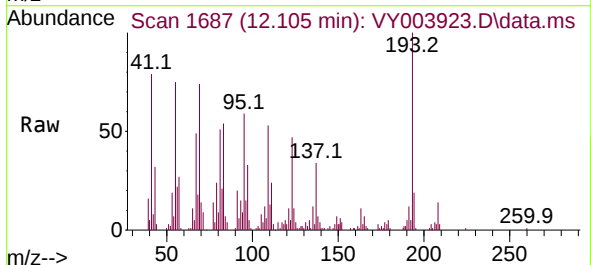
Instrument :
MSVOA_Y
ClientSampled :

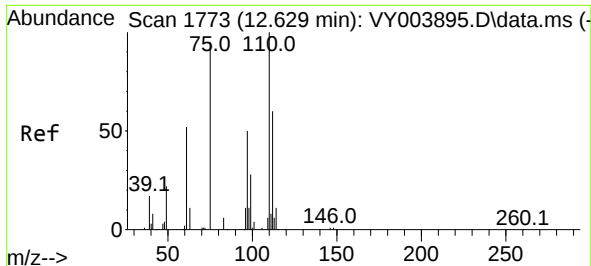
Tgt Ion:152 Resp: 119442
Ion Ratio Lower Upper
152 100
115 53.1 27.9 83.7
150 146.6 0.0 356.4



#74
N-ethyl acetate
Concen: 1.60 ug/l
RT: 12.105 min Scan# 1687
Delta R.T. -0.037 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

Tgt Ion: 43 Resp: 6136
Ion Ratio Lower Upper
43 100
70 49.7 33.0 49.6#
55 0.0 19.6 29.4#
61 0.0 18.8 28.2#

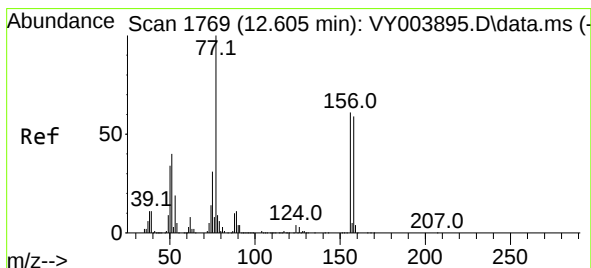
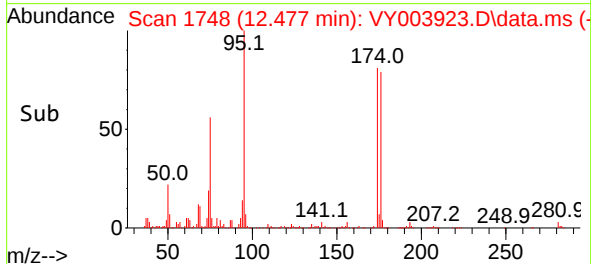
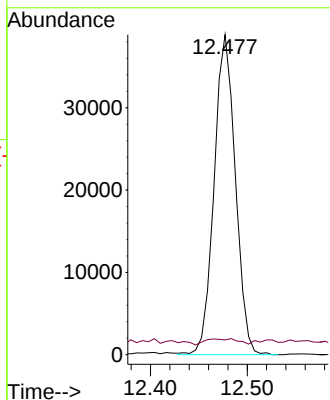
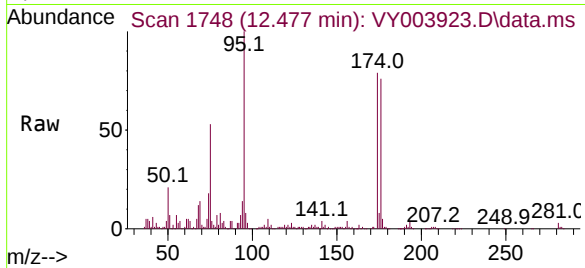




#76
1,2,3-Trichloropropane
Concen: 36.72 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

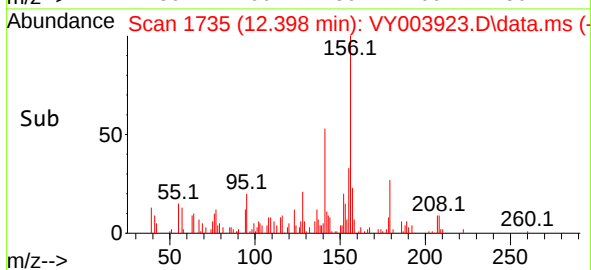
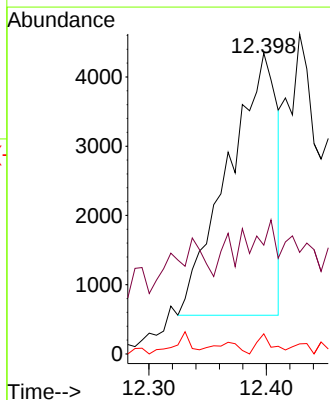
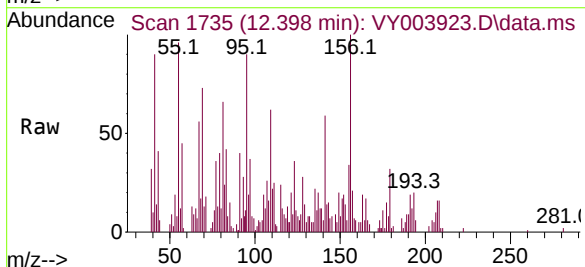
Instrument :
MSVOA_Y
ClientSampled :

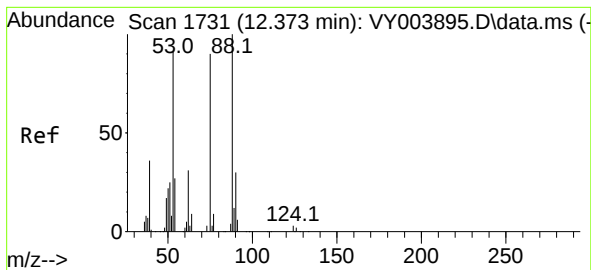
Tgt Ion: 75 Resp: 59309
Ion Ratio Lower Upper
75 100
77 2.9 0.0 0.0#



#77
Bromobenzene
Concen: 4.19 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. -0.207 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

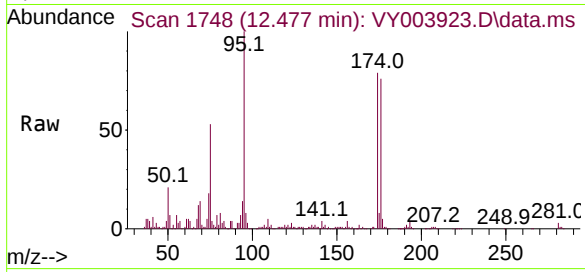
Tgt Ion:156 Resp: 10963
Ion Ratio Lower Upper
156 100
77 2.5 83.6 250.8#
158 2.4 48.6 145.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.71 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.104 min
 Lab File: VY003923.D
 Acq: 14 Jan 2021 16:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 59309
 Ion Ratio Lower Upper
 75 100
 53 1.1 75.0 112.6#
 89 0.4 0.0 0.0#

