

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003910.D
 Acq On : 12 Jan 2021 18:49
 Operator : SY/MD
 Sample : M1075-03
 Misc : 4.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7

Quant Time: Jan 13 02:35:53 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	196050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	331540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	319021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168918	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	135873	44.62	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.24%
35) Dibromofluoromethane	7.722	113	104731	38.65	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.30%
50) Toluene-d8	10.179	98	422555	38.48	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.96%
62) 4-Bromofluorobenzene	12.477	95	157645	39.31	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.62%

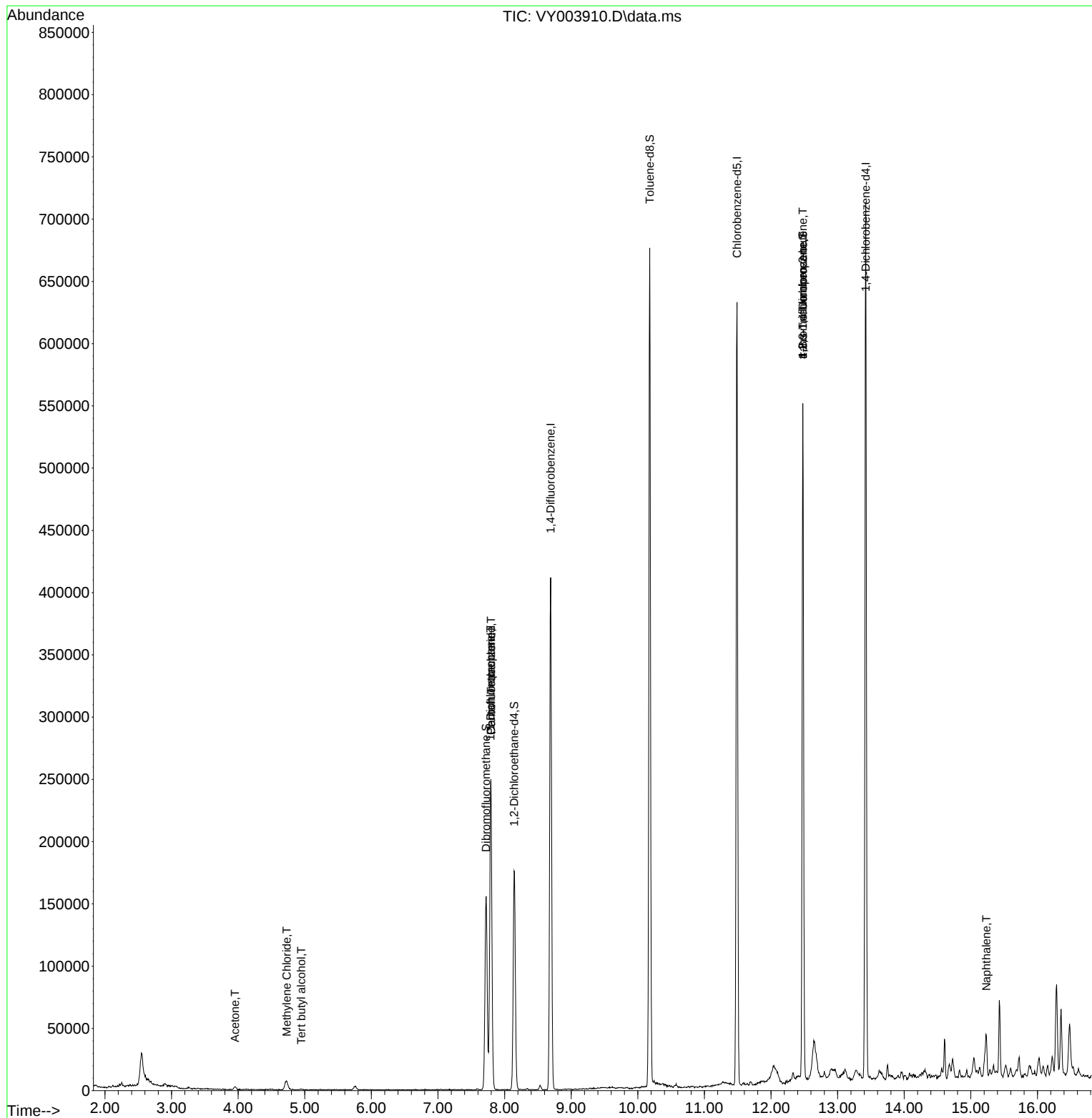
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	103	Below Cal	#	43
3) Chloromethane	2.113	50	755	Below Cal	#	84
11) Tert butyl alcohol	4.948	59	440	1.39	ug/l #	86
16) Acetone	3.954	43	3745	4.97	ug/l #	88
20) Methylene Chloride	4.729	84	5179	1.84	ug/l	96
36) 1,1-Dichloropropene	7.789	75	14943	3.29	ug/l #	49
38) Carbon Tetrachloride	7.795	117	19213	4.00	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	86439	37.84	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	86439	71.84	ug/l #	3
95) Naphthalene	15.233	128	25957	2.99	ug/l	96

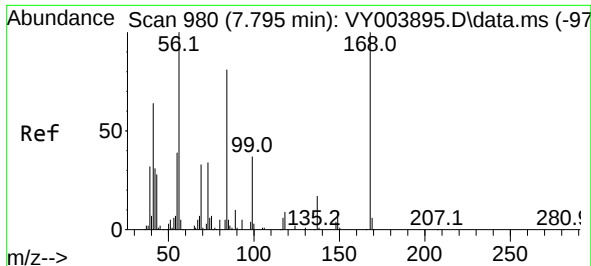
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 02:35:53 2021
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Response via : Initial Calibration

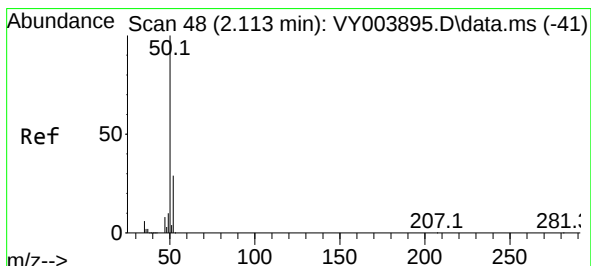
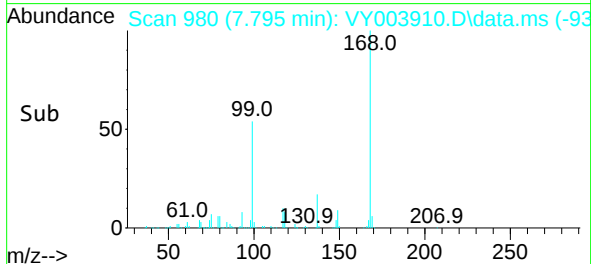
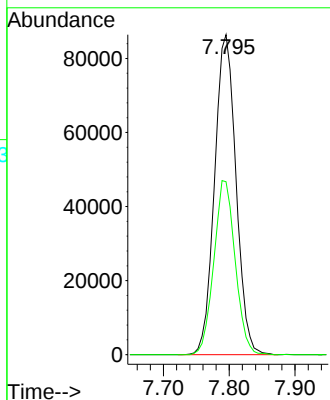
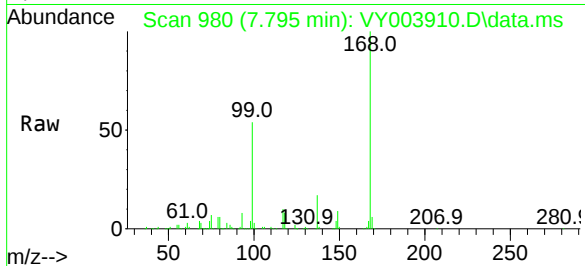




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

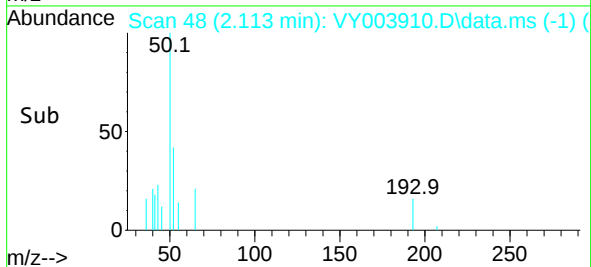
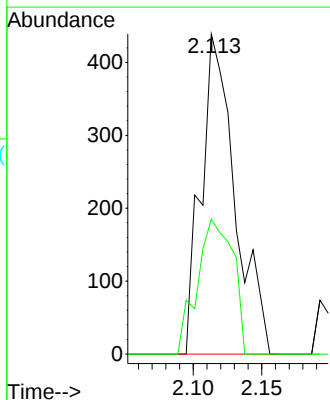
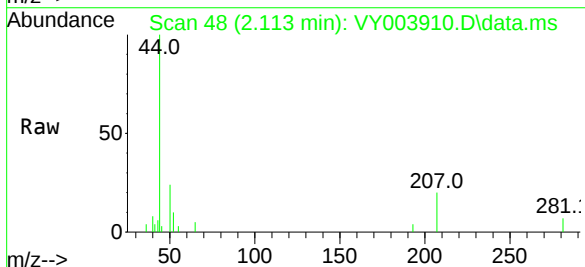
Instrument :
MSVOA_Y
ClientSampleId :
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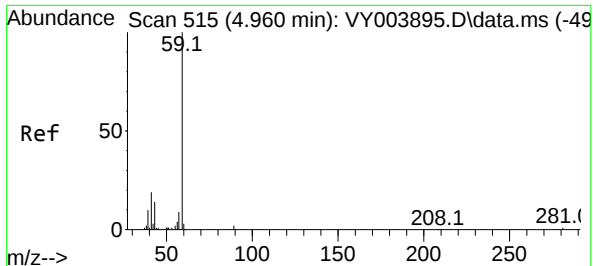
Tgt Ion:168 Resp: 196050
Ion Ratio Lower Upper
168 100
99 54.0 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

Tgt Ion: 50 Resp: 755
Ion Ratio Lower Upper
50 100
52 42.1 26.6 40.0#



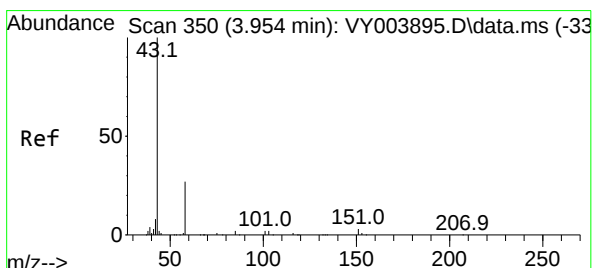
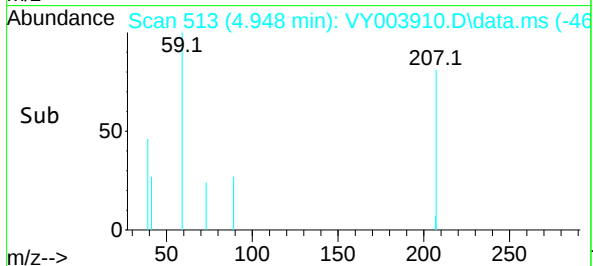
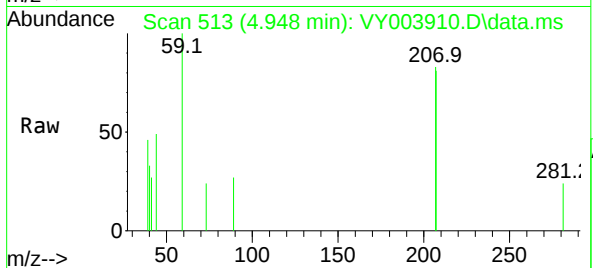


#11

Tert butyl alcohol
Concen: 1.39 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

Instrument :
MSVOA_Y
ClientSampled :
7

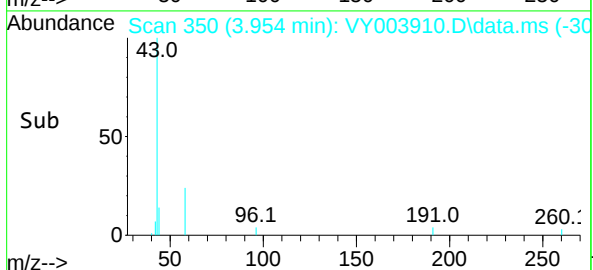
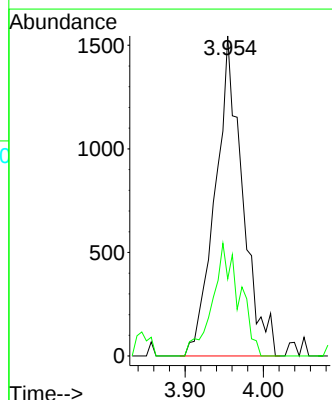
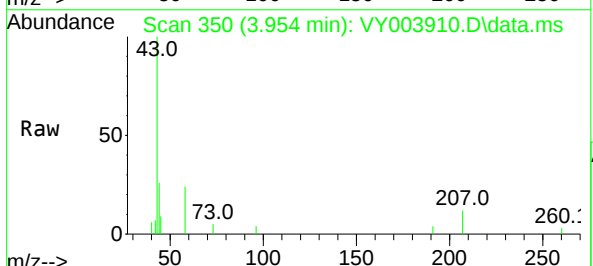
Tgt Ion: 59 Resp: 440
Ion Ratio Lower Upper
59 100
57 4.5 7.9 11.9#

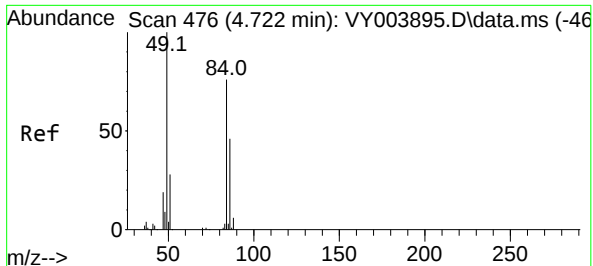


#16

Acetone
Concen: 4.97 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

Tgt Ion: 43 Resp: 3745
Ion Ratio Lower Upper
43 100
58 24.1 24.5 36.7#



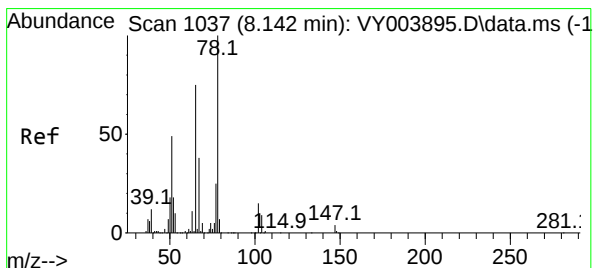
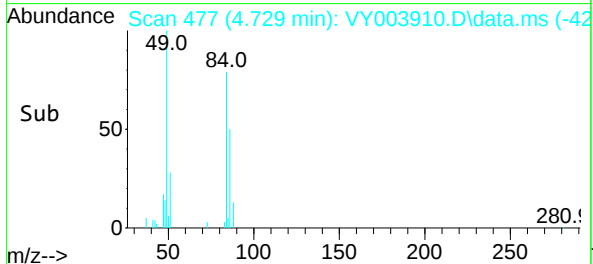
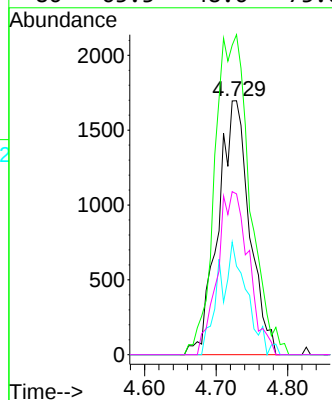
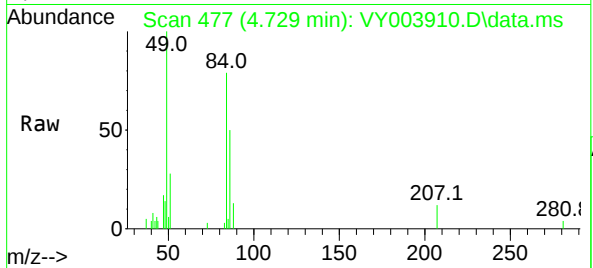


#20
Methylene Chloride
Concen: 1.84 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

Instrument :
MSVOA_Y
ClientSampleId :
7

Tgt Ion: 84 Resp: 5179

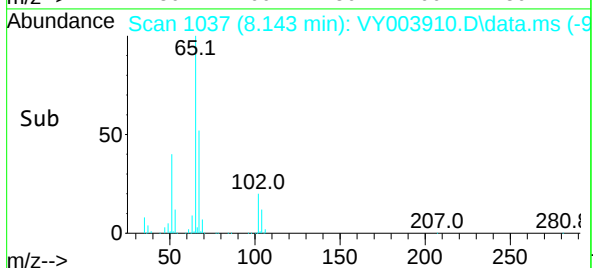
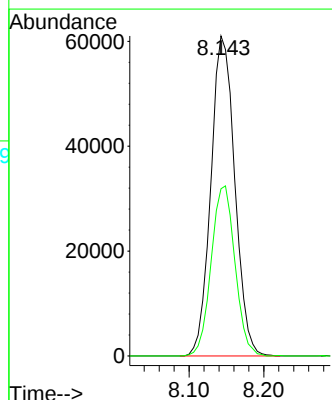
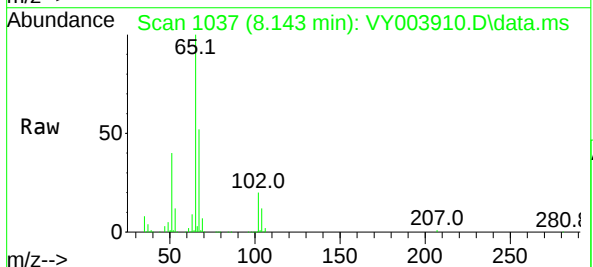
Ion	Ratio	Lower	Upper
84	100		
49	126.0	98.0	147.0
51	34.8	30.5	45.7
86	63.3	48.6	73.0

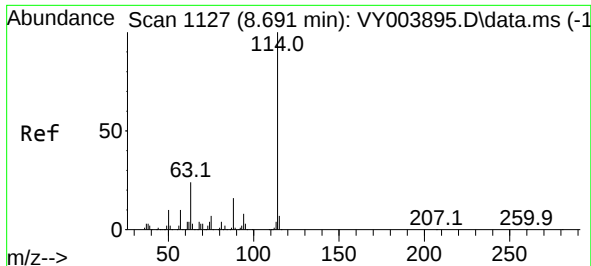


#33
1,2-Dichloroethane-d4
Concen: 44.62 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

Tgt Ion: 65 Resp: 135873

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	102.2

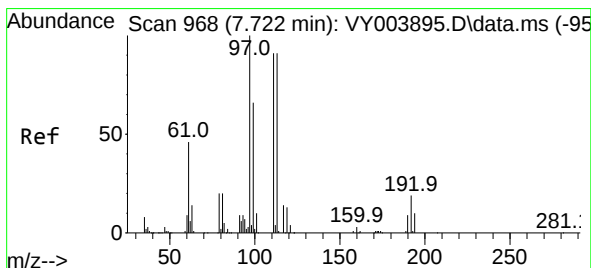
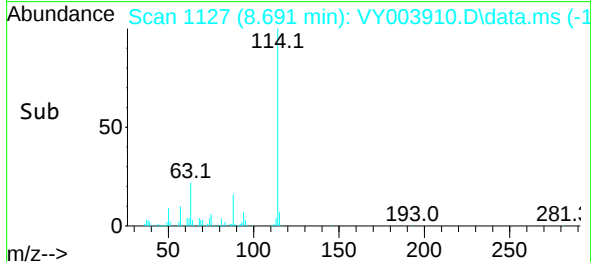
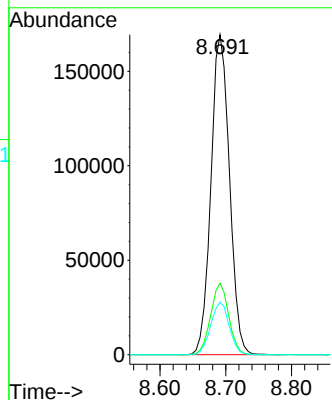
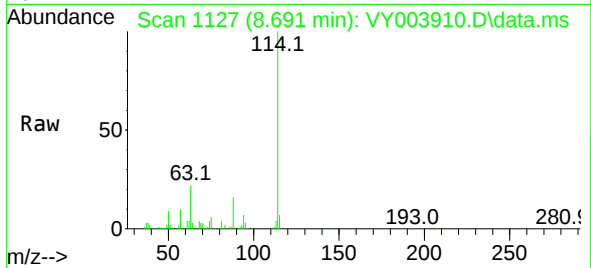




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

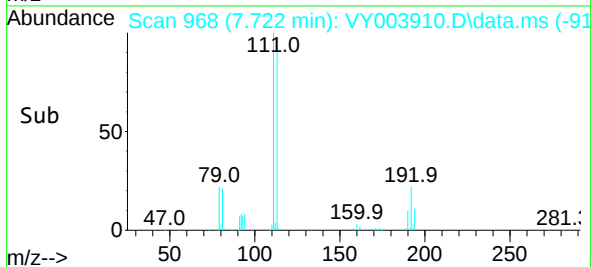
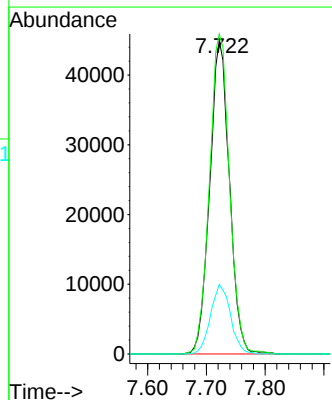
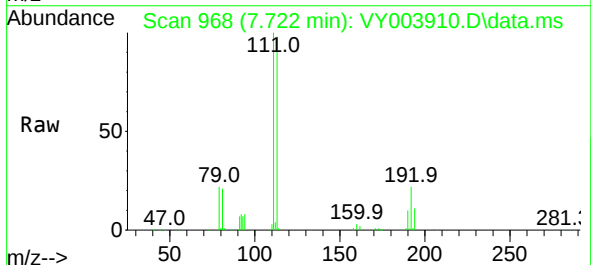
Instrument :
MSVOA_Y
ClientSampleId :
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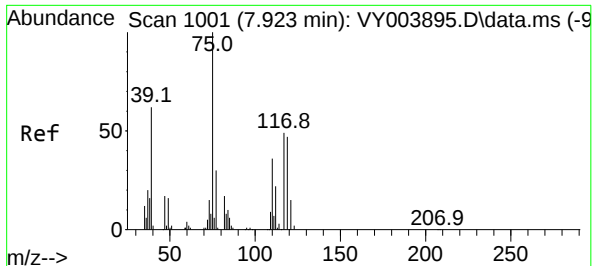
Tgt Ion:114 Resp: 331540
Ion Ratio Lower Upper
114 100
63 22.3 0.0 38.8
88 16.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 38.65 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

Tgt Ion:113 Resp: 104731
Ion Ratio Lower Upper
113 100
111 103.9 83.0 124.6
192 22.5 19.8 29.6

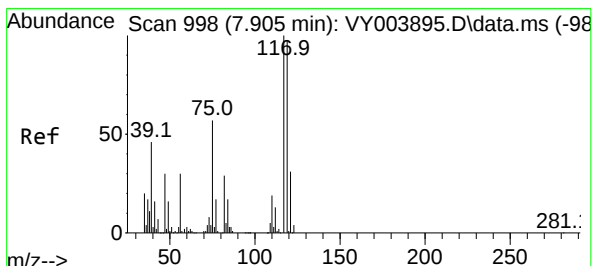
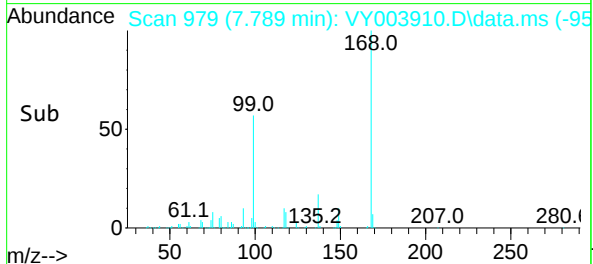
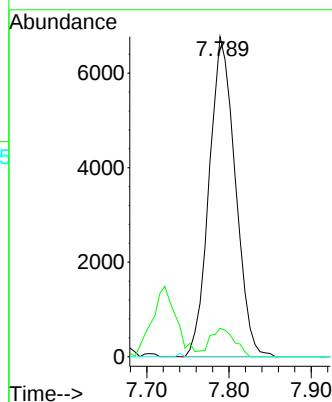
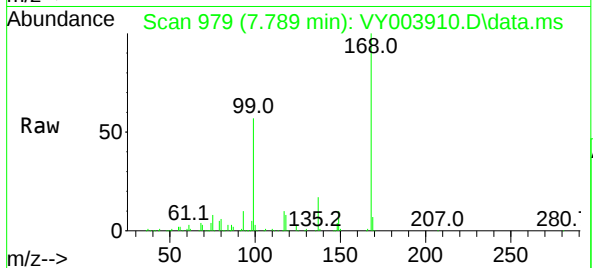




#36
1,1-Dichloropropene
Concen: 3.29 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

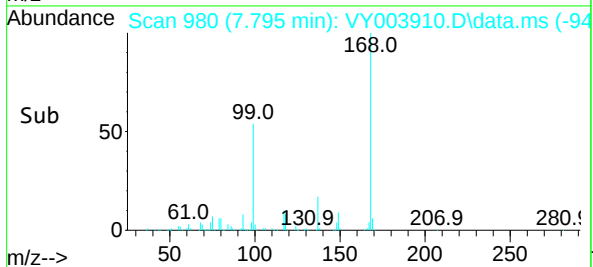
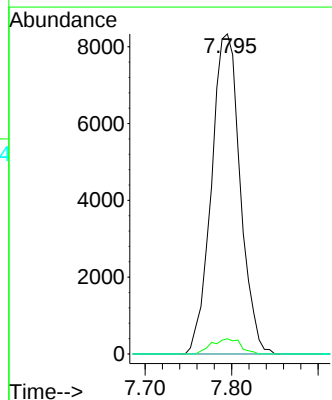
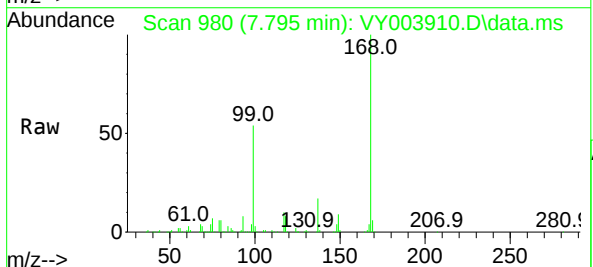
Instrument :
MSVOA_Y
ClientSampleId :
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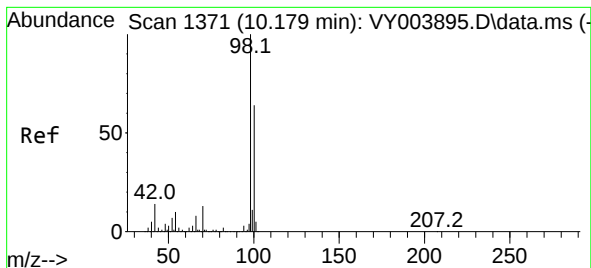
Tgt Ion: 75 Resp: 14943
Ion Ratio Lower Upper
75 100
110 8.5 17.7 53.1#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

Tgt Ion: 117 Resp: 19213
Ion Ratio Lower Upper
117 100
119 4.8 78.6 118.0#
121 0.0 25.8 38.6#

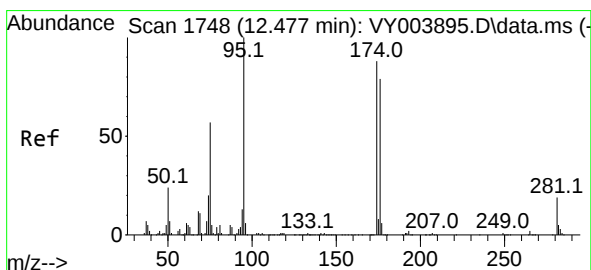
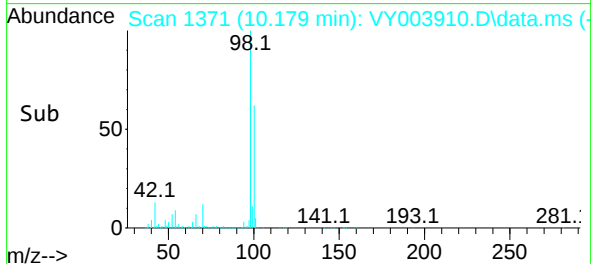
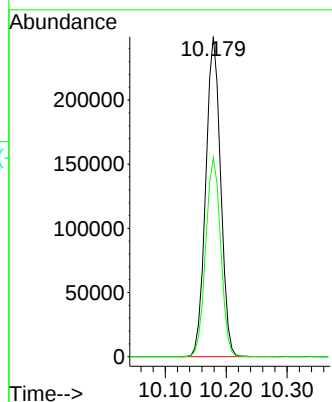
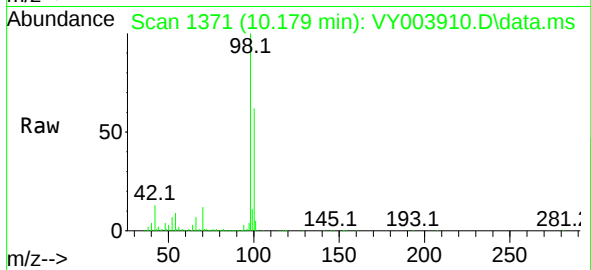




#50
Toluene-d8
Concen: 38.48 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

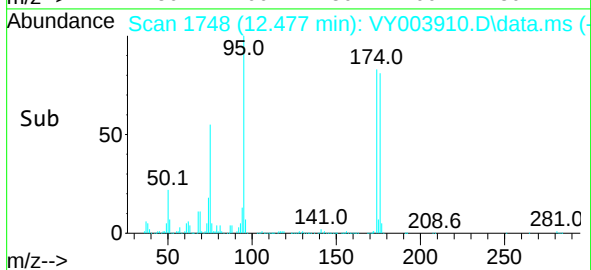
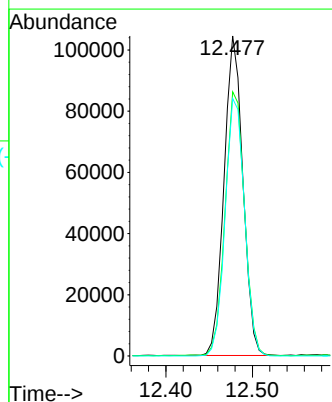
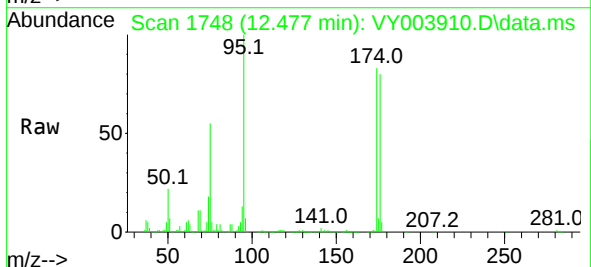
Instrument :
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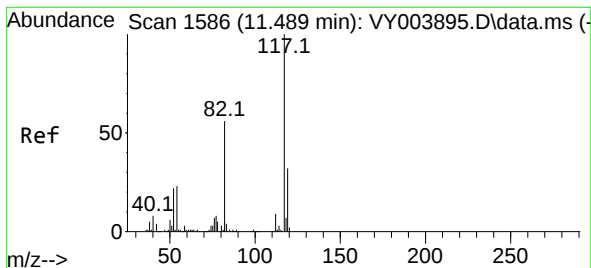
Tgt Ion: 98 Resp: 422555
Ion Ratio Lower Upper
98 100
100 62.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 39.31 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

Tgt Ion: 95 Resp: 157645
Ion Ratio Lower Upper
95 100
174 85.6 0.0 193.2
176 83.1 0.0 187.0

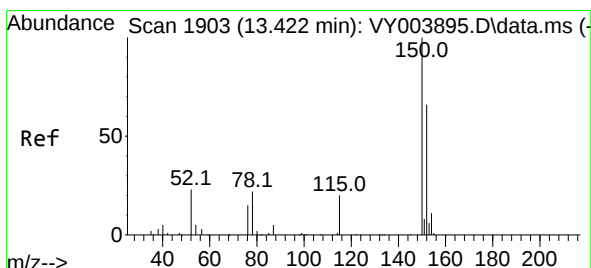
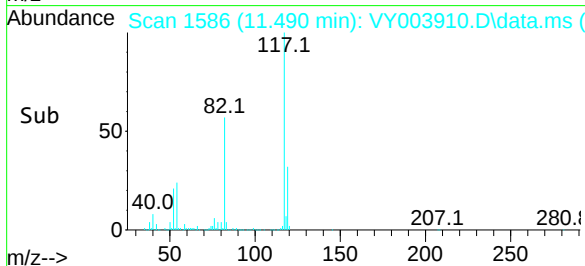
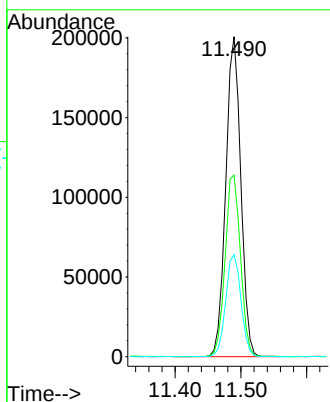
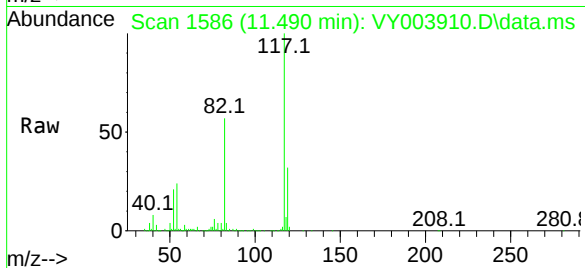




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

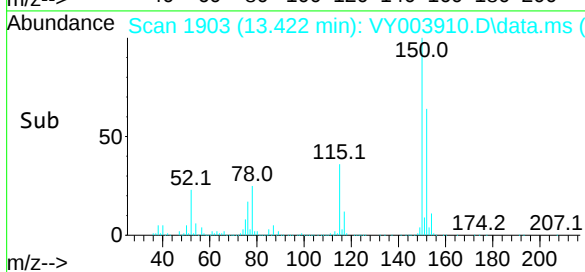
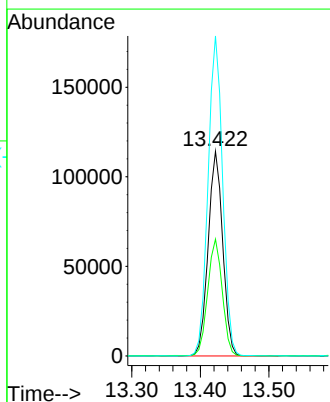
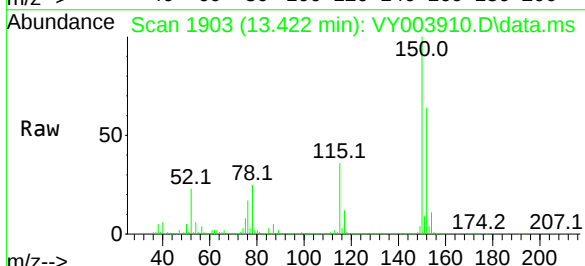
Instrument :
MSVOA_Y
ClientSampleId :
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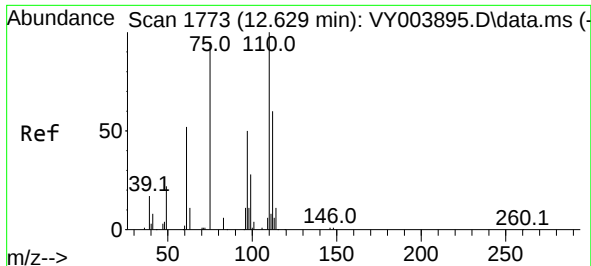
Tgt Ion:117 Resp: 319021
Ion Ratio Lower Upper
117 100
82 56.7 43.9 65.9
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

Tgt Ion:152 Resp: 168918
Ion Ratio Lower Upper
152 100
115 56.6 27.9 83.7
150 156.5 0.0 356.4

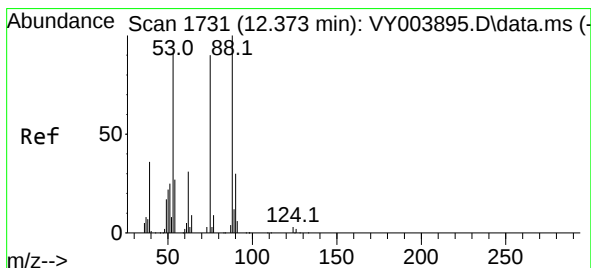
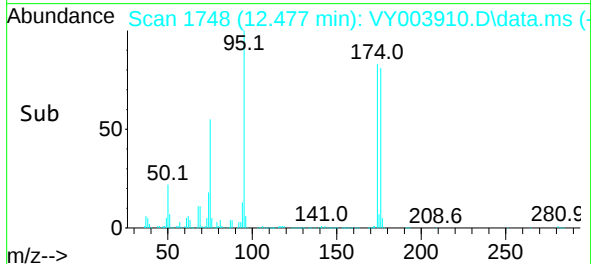
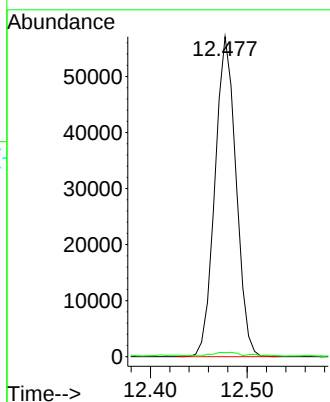
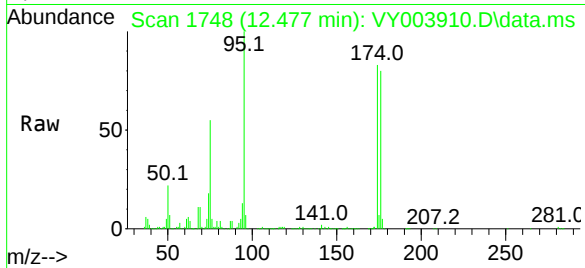




#76
1,2,3-Trichloropropane
Concen: 37.84 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

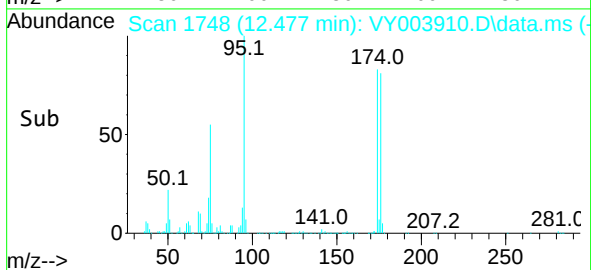
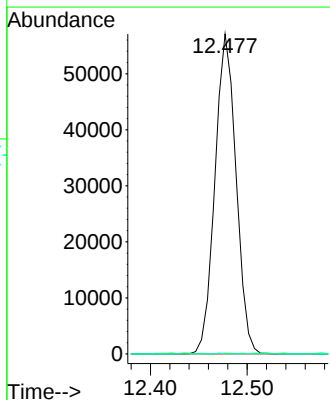
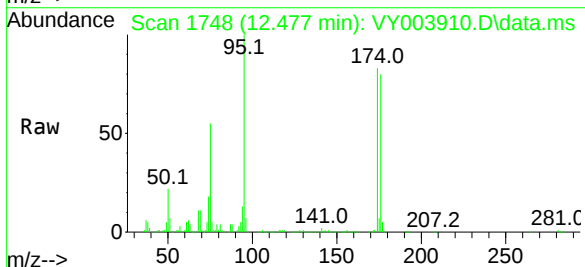
Instrument :
MSVOA_Y
ClientSampleId :
7

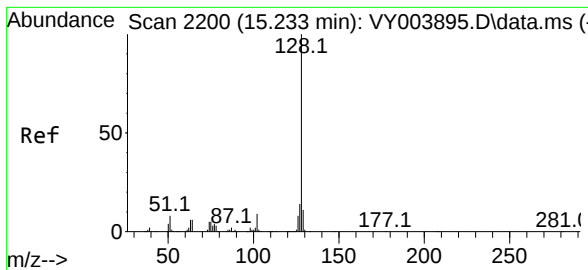
Tgt Ion: 75 Resp: 86439
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.84 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

Tgt Ion: 75 Resp: 86439
Ion Ratio Lower Upper
75 100
53 0.2 75.0 112.6#
89 0.1 0.0 0.0#





#95
Naphthalene
Concen: 2.99 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY003910.D
Acq: 12 Jan 2021 18:49

Instrument :
MSVOA_Y
ClientSampleId :
7

Tgt Ion:128	Resp:	25957
Ion Ratio	Lower	Upper
128	100	
127	15.4	10.6 15.8
129	11.6	8.7 13.1

