

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003924.D
 Acq On : 14 Jan 2021 17:13
 Operator : SY/MD
 Sample : M1100-03
 Misc : 6.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 15 00:59:07 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	164116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	211329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91438	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84758	33.25	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.50%
35) Dibromofluoromethane	7.722	113	73170	36.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.92%
50) Toluene-d8	10.179	98	255293	31.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	62.78%
62) 4-Bromofluorobenzene	12.477	95	85759	28.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	57.74%

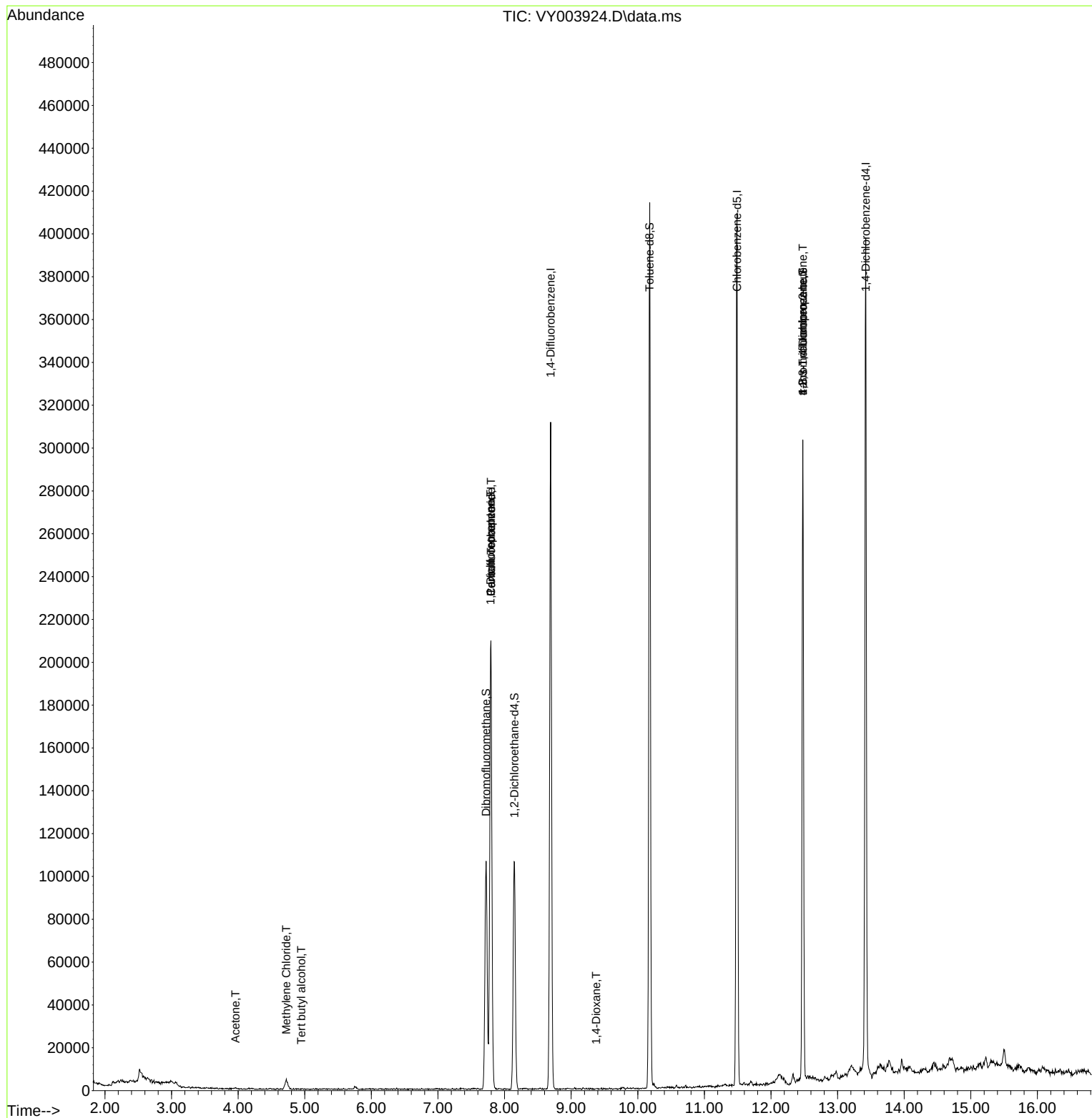
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.894	85	22	Below Cal	#	43
3) Chloromethane	2.119	50	836	Below Cal	#	77
11) Tert butyl alcohol	4.948	59	282	1.06	ug/l #	73
16) Acetone	3.960	43	1162	1.84	ug/l	91
20) Methylene Chloride	4.723	84	2843	1.20	ug/l #	75
36) 1,1-Dichloropropene	7.789	75	12065	3.59	ug/l #	46
38) Carbon Tetrachloride	7.795	117	14987	4.21	ug/l #	14
49) 1,4-Dioxane	9.374	88	19	1.06	ug/l #	24
76) 1,2,3-Trichloropropane	12.477	75	47327	38.28	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	47327	72.66	ug/l #	3

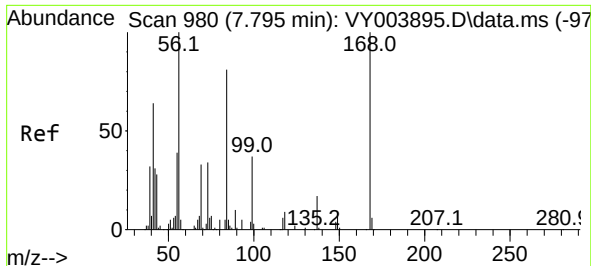
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 15 00:59:07 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

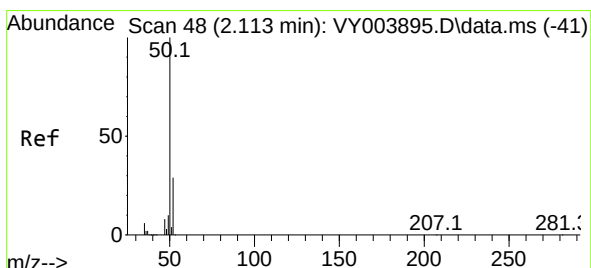
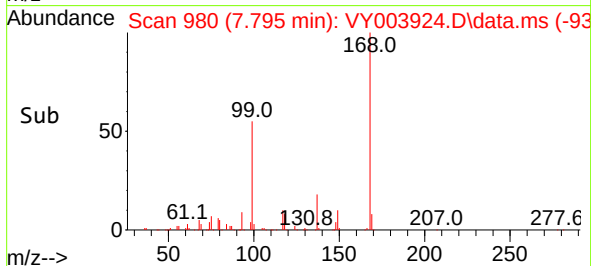
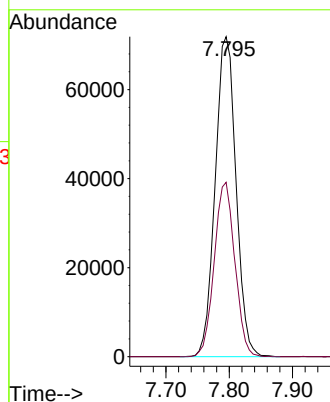
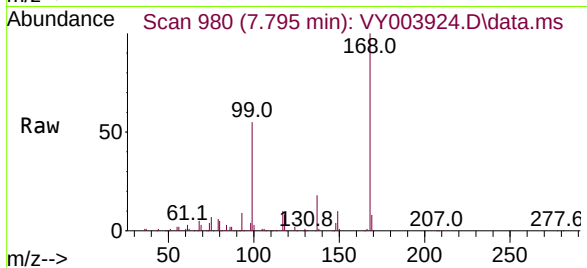




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

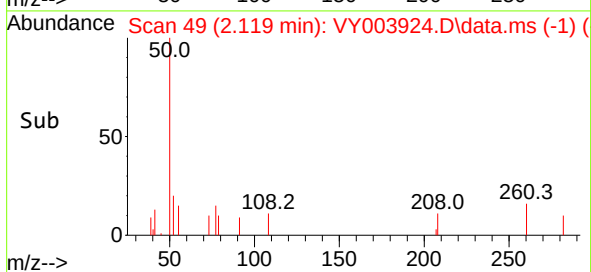
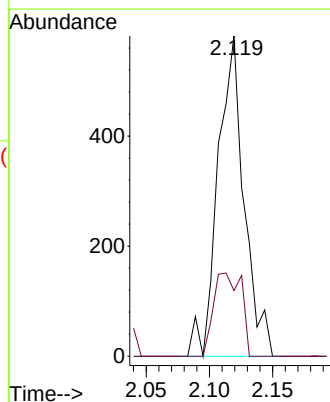
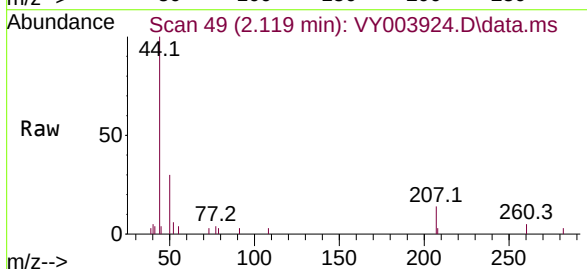
Instrument :
MSVOA_Y
ClientSampled :

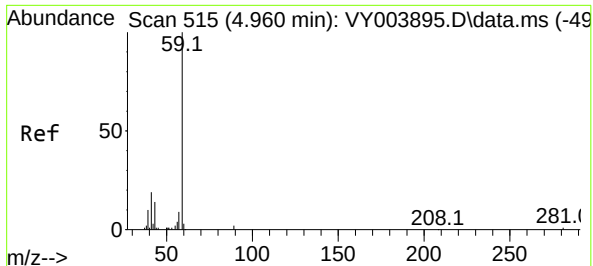
Tgt Ion:168 Resp: 164116
Ion Ratio Lower Upper
168 100
99 54.5 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

Tgt Ion: 50 Resp: 836
Ion Ratio Lower Upper
50 100
52 20.4 26.6 40.0#



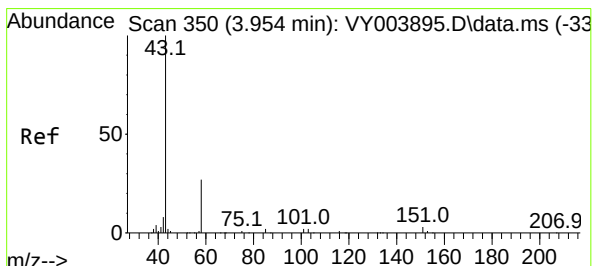
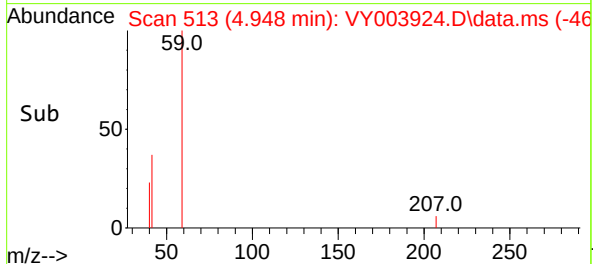
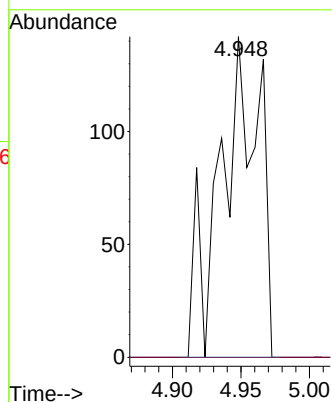
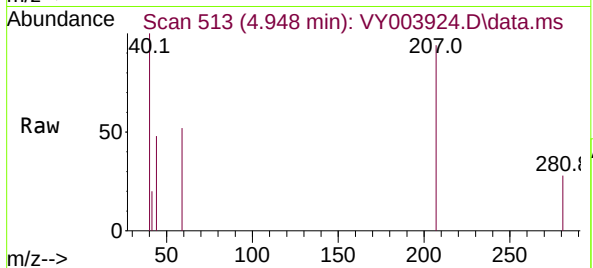


#11

Tert butyl alcohol
Concen: 1.06 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

Instrument :
MSVOA_Y
ClientSampled :

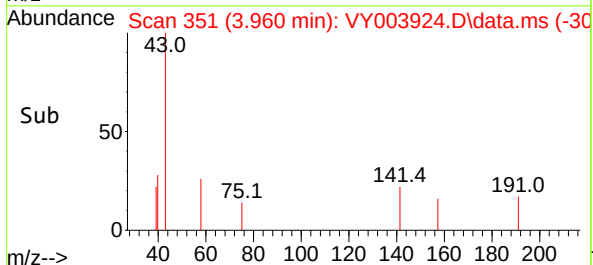
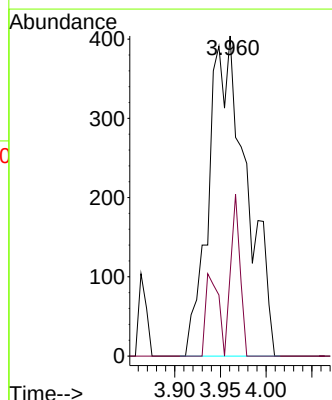
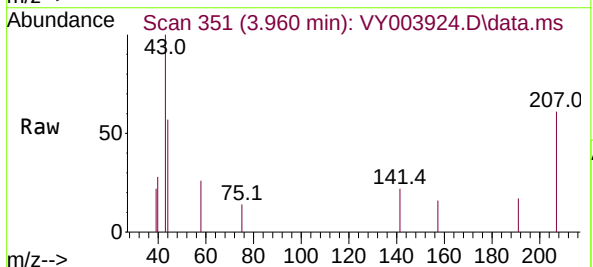
Tgt Ion: 59 Resp: 282
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

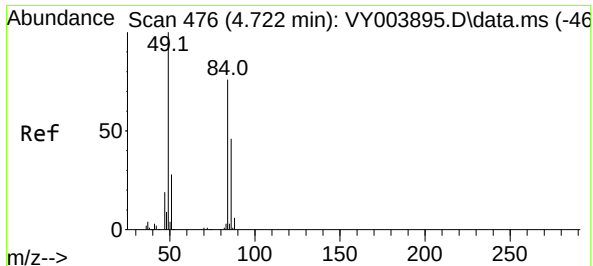


#16

Acetone
Concen: 1.84 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

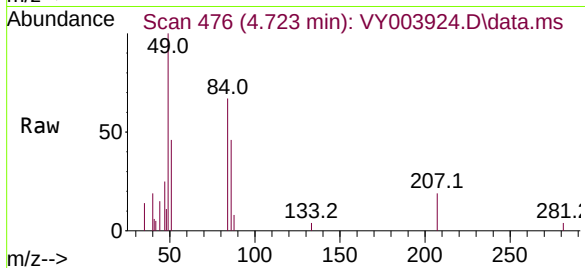
Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
58 25.7 24.5 36.7



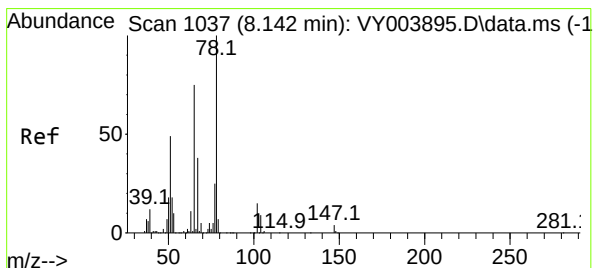
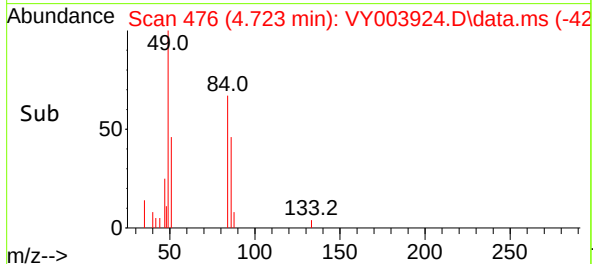
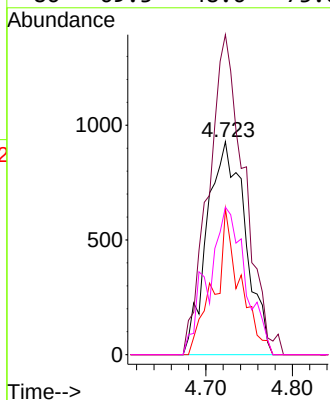


#20
Methylene Chloride
Concen: 1.20 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

Instrument :
MSVOA_Y
ClientSampled :

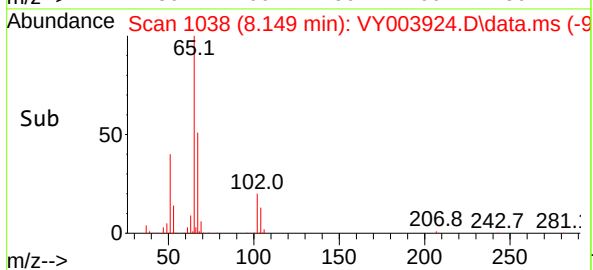
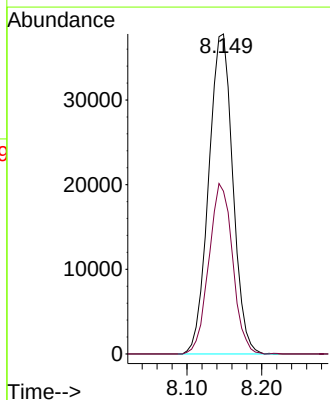
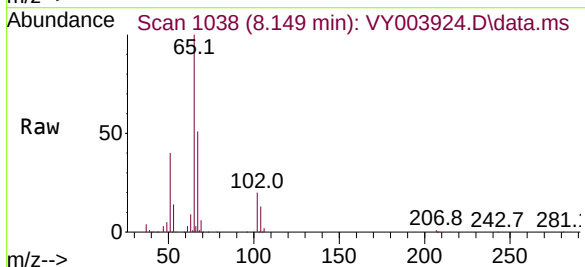


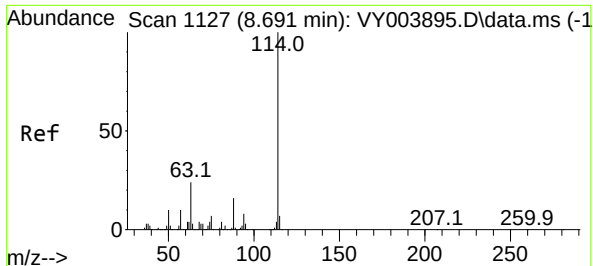
Tgt Ion:	84	Resp:	2843
Ion	Ratio	Lower	Upper
84	100		
49	150.3	98.0	147.0#
51	68.6	30.5	45.7#
86	69.3	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 33.25 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

Tgt Ion:	65	Resp:	84758
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	102.2

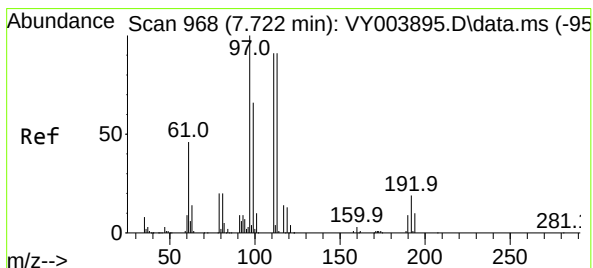
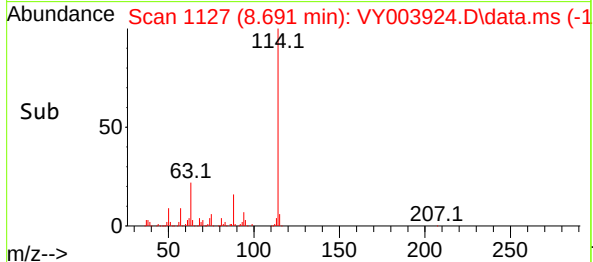
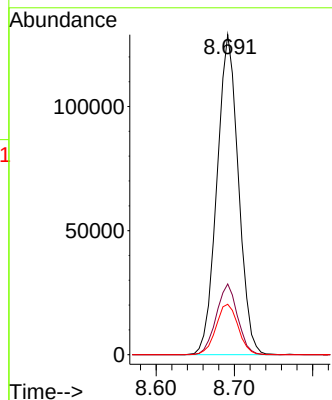
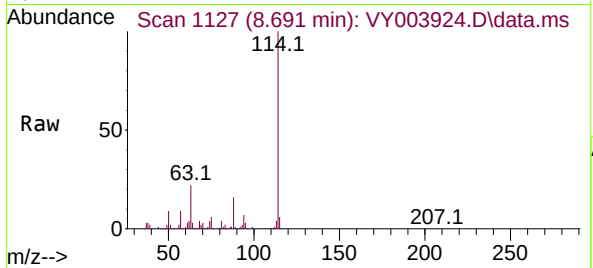




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

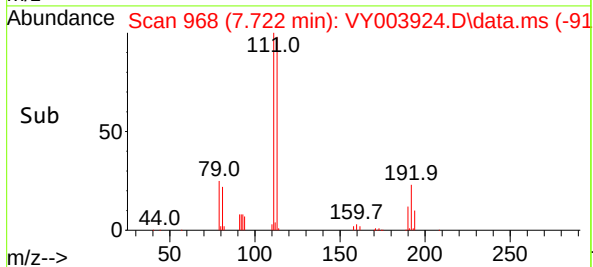
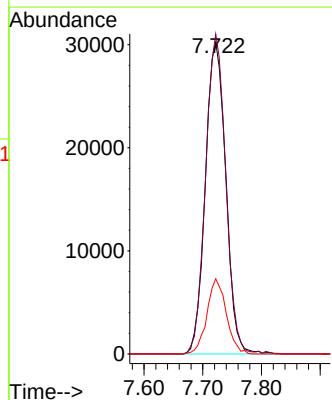
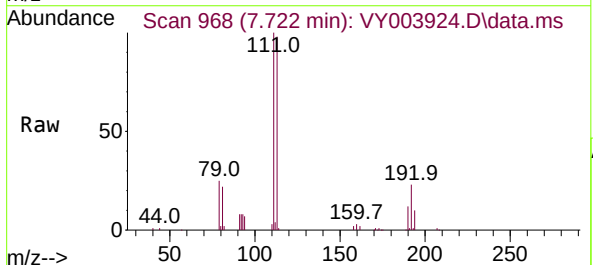
Instrument :
MSVOA_Y
ClientSampleId :

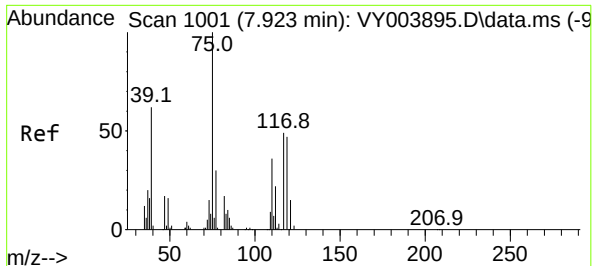
Tgt Ion:	114	Resp:	245591
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	38.8
88	15.8	0.0	31.4



#35
Dibromofluoromethane
Concen: 36.46 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

Tgt Ion:	113	Resp:	73170
Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.0	124.6
192	22.8	19.8	29.6

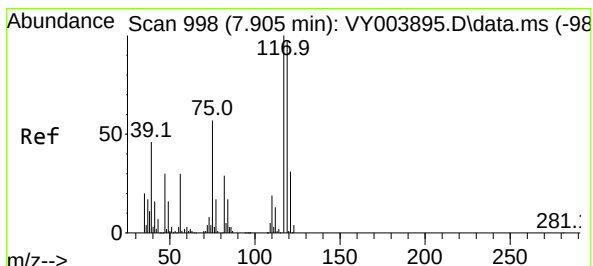
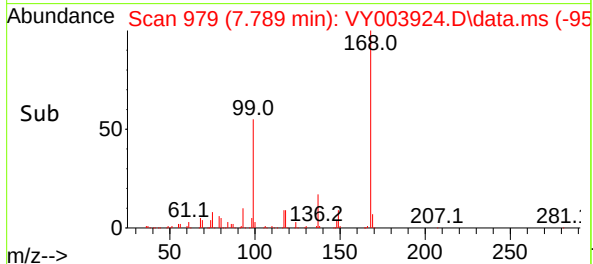
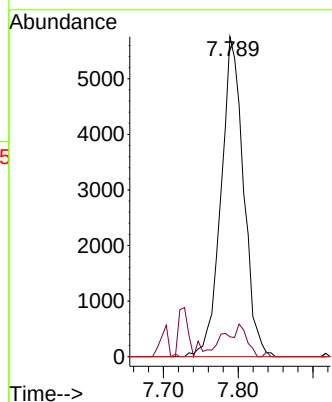
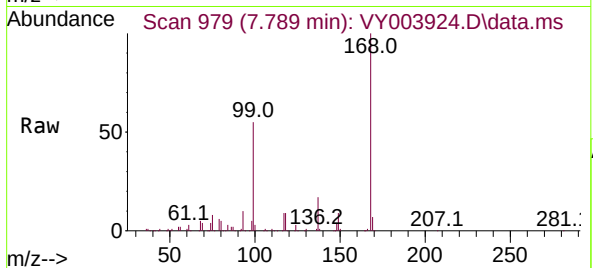




#36
1,1-Dichloropropene
Concen: 3.59 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

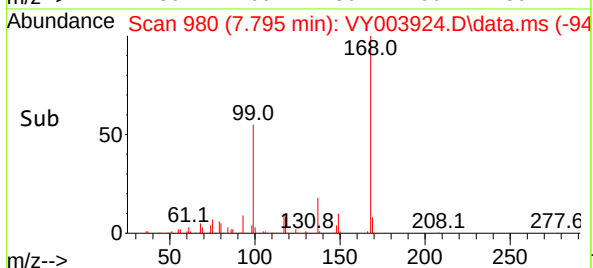
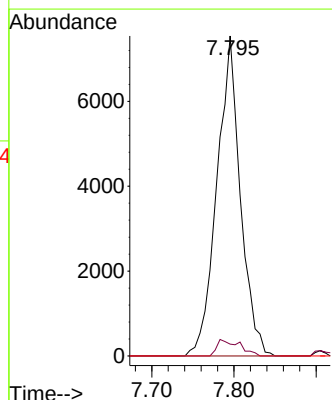
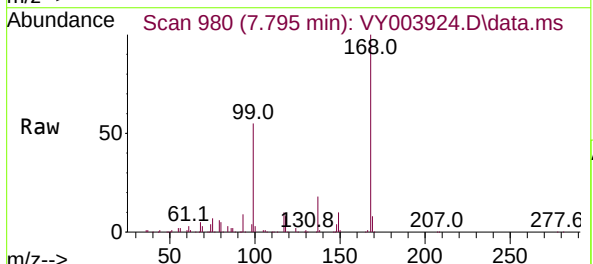
Instrument :
MSVOA_Y
ClientSampleId :

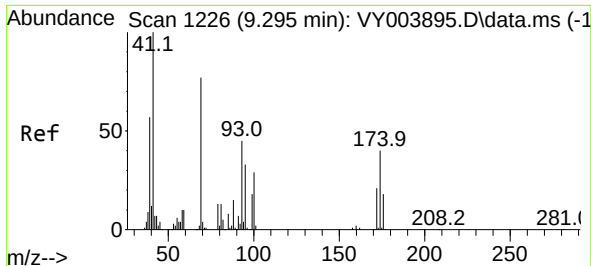
Tgt Ion: 75 Resp: 12065
Ion Ratio Lower Upper
75 100
110 5.3 17.7 53.1#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.21 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

Tgt Ion: 117 Resp: 14987
Ion Ratio Lower Upper
117 100
119 3.7 78.6 118.0#
121 0.0 25.8 38.6#

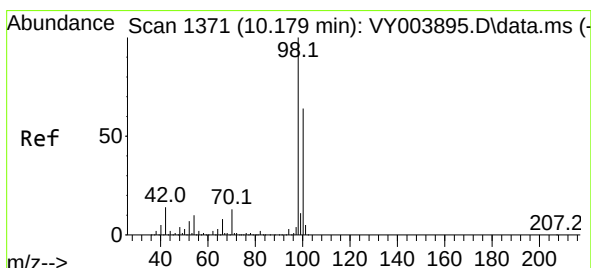
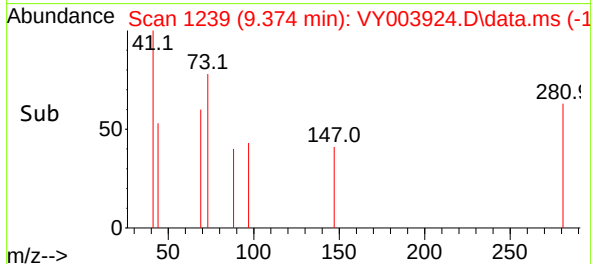
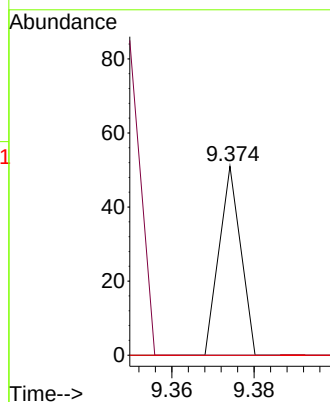
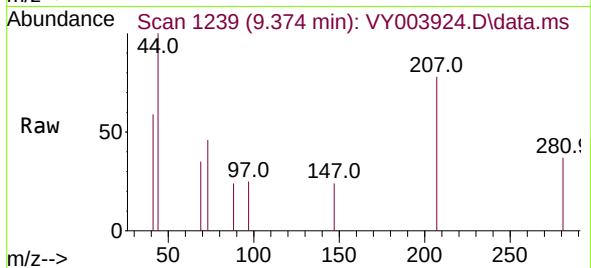




#49
1,4-Dioxane
Concen: 1.06 ug/l
RT: 9.374 min Scan# 1239
Delta R.T. 0.079 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

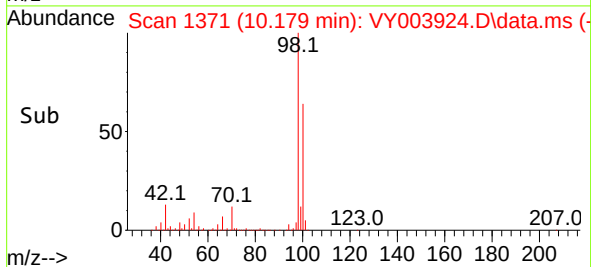
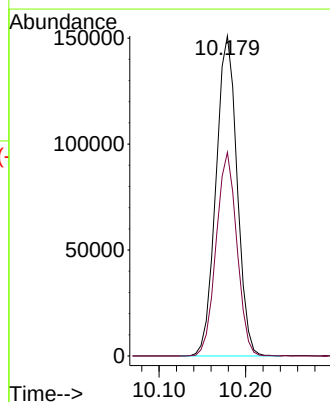
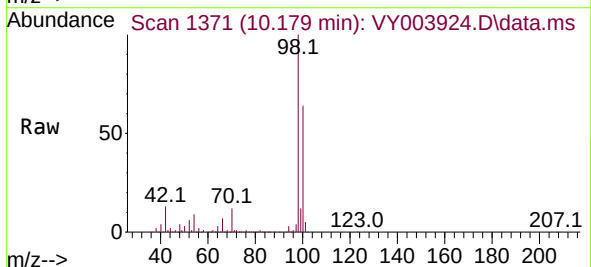
Instrument :
MSVOA_Y
ClientSampled :

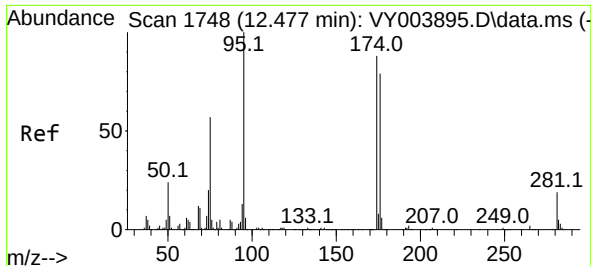
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 27.9 41.9#
58 0.0 54.7 82.1#



#50
Toluene-d8
Concen: 31.39 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

Tgt Ion: 98 Resp: 255293
Ion Ratio Lower Upper
98 100
100 62.5 51.4 77.0

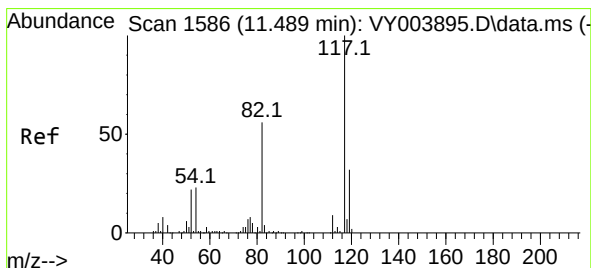
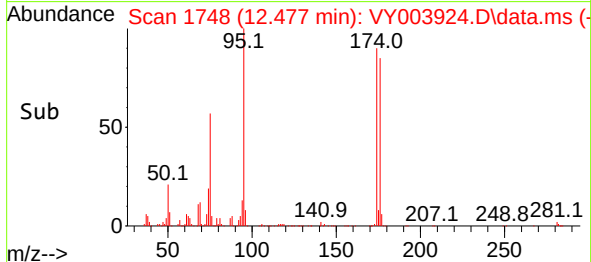
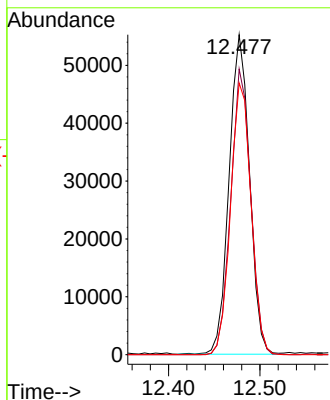
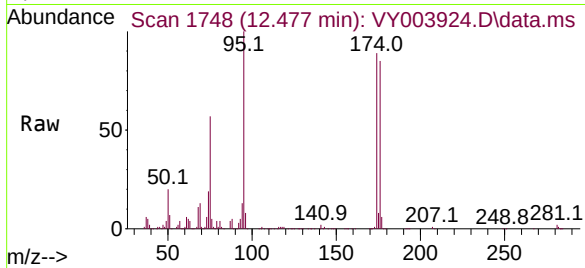




#62
4-Bromofluorobenzene
Concen: 28.87 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

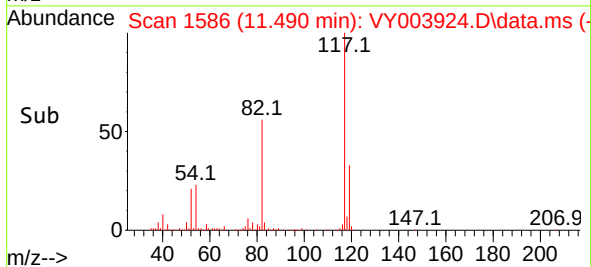
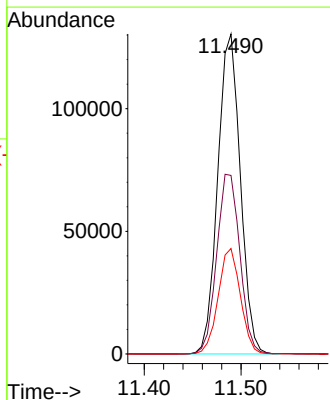
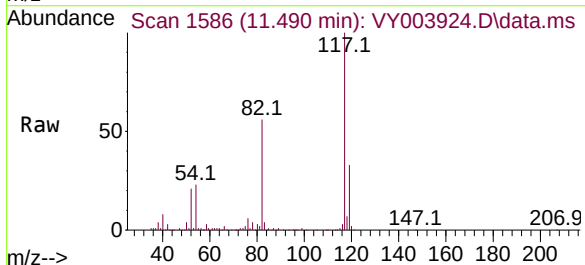
Instrument :
MSVOA_Y
ClientSampleId :

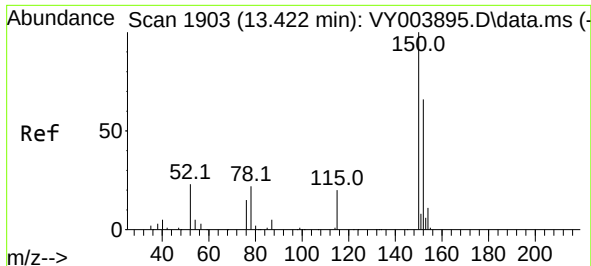
Tgt Ion:	95	Resp:	85759
Ion	Ratio	Lower	Upper
95	100		
174	87.4	0.0	193.2
176	85.3	0.0	187.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

Tgt Ion:	117	Resp:	211329
Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.9	65.9
119	32.9	26.2	39.4

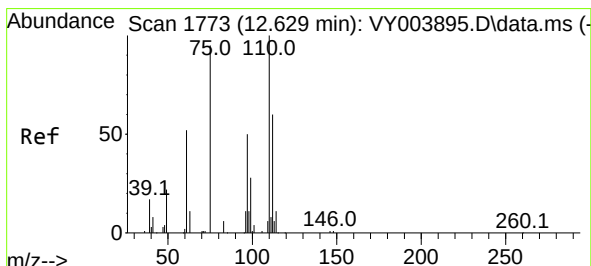
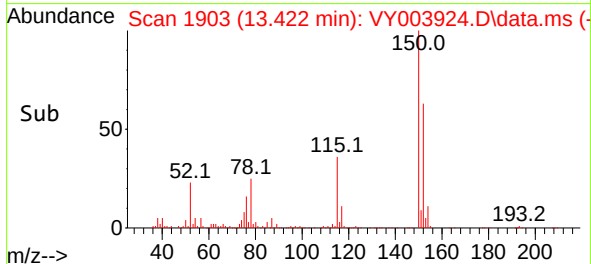
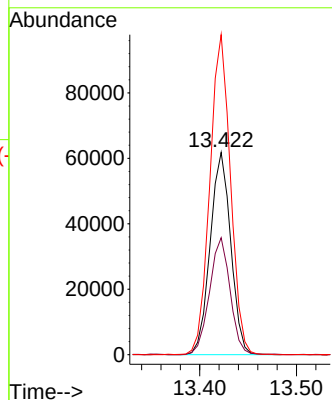
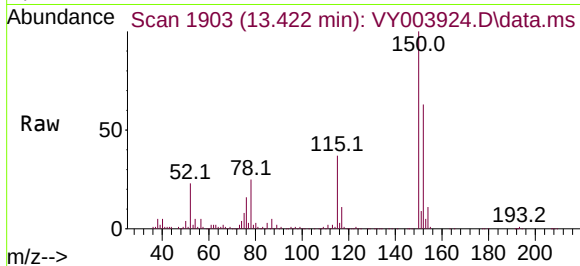




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

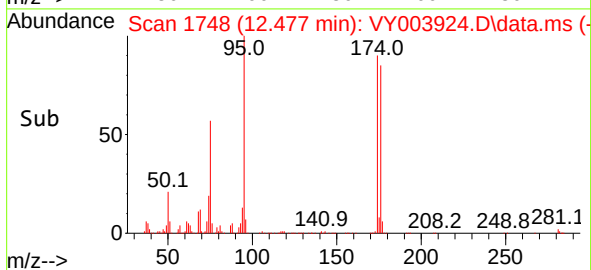
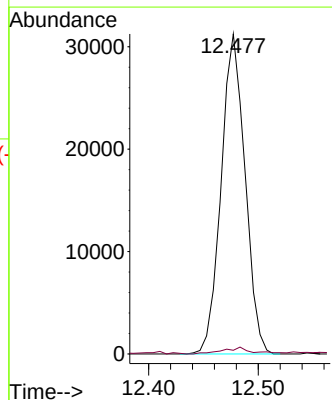
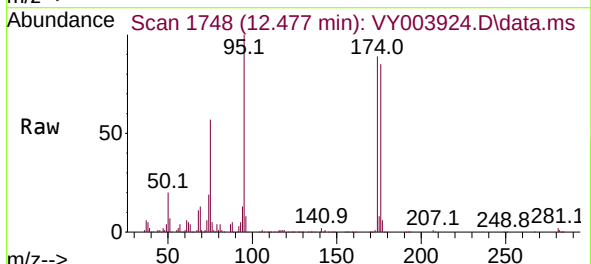
Instrument :
MSVOA_Y
ClientSampleId :

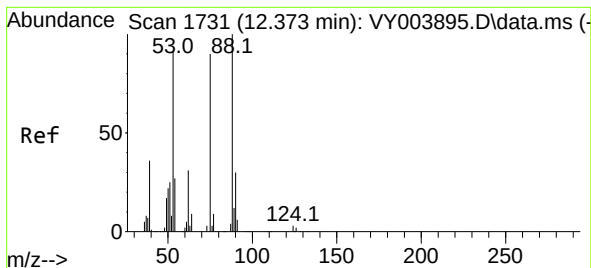
Tgt Ion:152 Resp: 91438
Ion Ratio Lower Upper
152 100
115 58.0 27.9 83.7
150 158.3 0.0 356.4



#76
1,2,3-Trichloropropane
Concen: 38.28 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

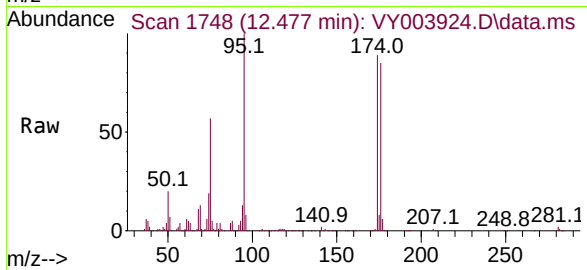
Tgt Ion: 75 Resp: 47327
Ion Ratio Lower Upper
75 100
77 2.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.66 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.104 min
 Lab File: VY003924.D
 Acq: 14 Jan 2021 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 47327
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.1 0.0 0.0#

