

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003925.D
 Acq On : 14 Jan 2021 17:36
 Operator : SY/MD
 Sample : M1100-04
 Misc : 6.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 15 00:59:19 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	203148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	319822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	286038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130869	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110470	35.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.02%
35) Dibromofluoromethane	7.722	113	89985	34.43	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.86%
50) Toluene-d8	10.179	98	322125	30.41	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	60.82%
62) 4-Bromofluorobenzene	12.477	95	116324	30.07	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.14%

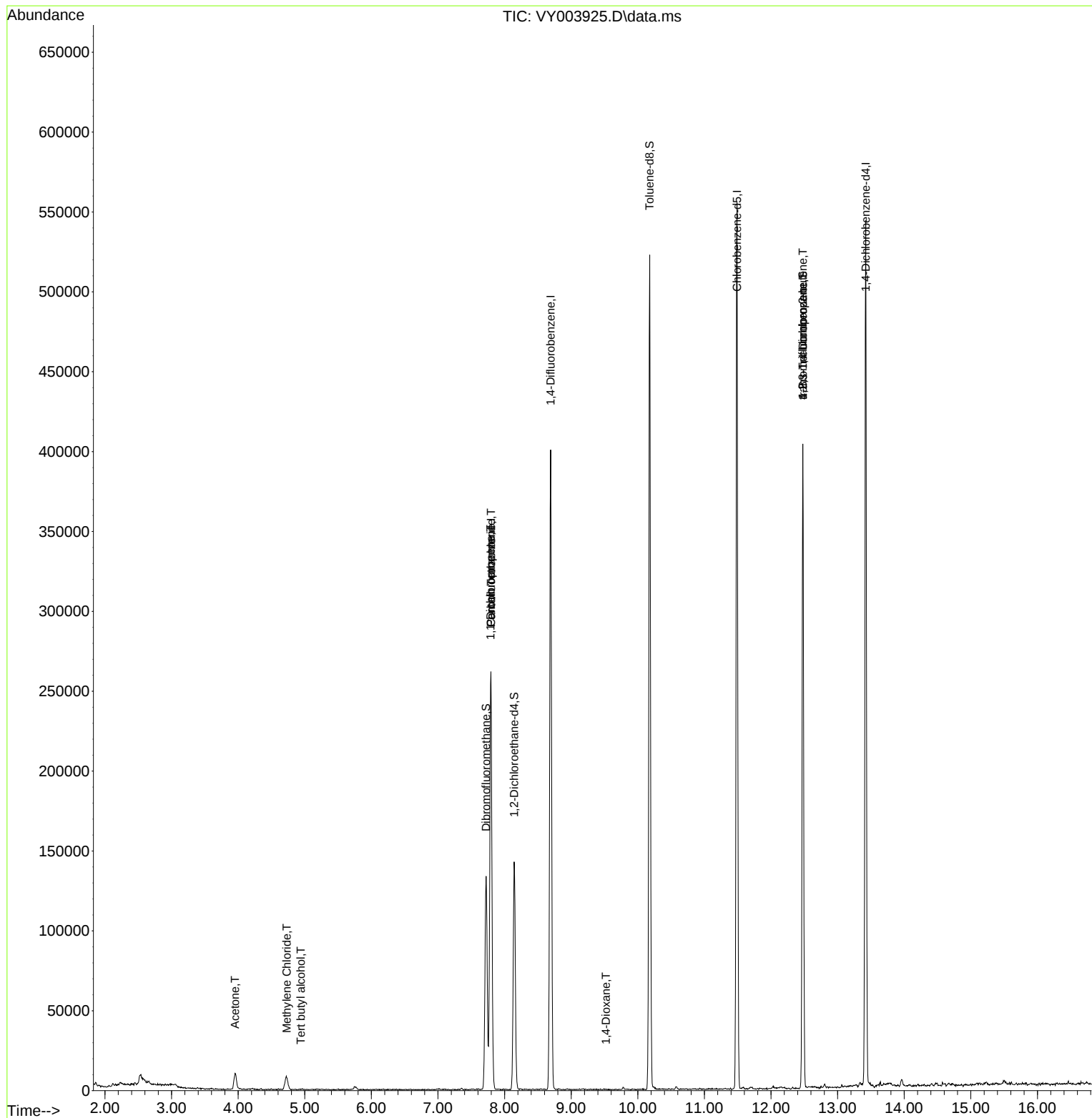
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	211	Below Cal	#	43
3) Chloromethane	2.113	50	814	Below Cal	#	68
11) Tert butyl alcohol	4.942	59	343	1.05	ug/l	96
16) Acetone	3.954	43	17771	22.77	ug/l	91
20) Methylene Chloride	4.729	84	5877	2.01	ug/l	# 80
36) 1,1-Dichloropropene	7.789	75	16016	3.66	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	19684	4.25	ug/l	# 18
49) 1,4-Dioxane	9.520	88	60	2.56	ug/l	# 1
76) 1,2,3-Trichloropropane	12.477	75	63453	35.86	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	63453	68.07	ug/l	# 3

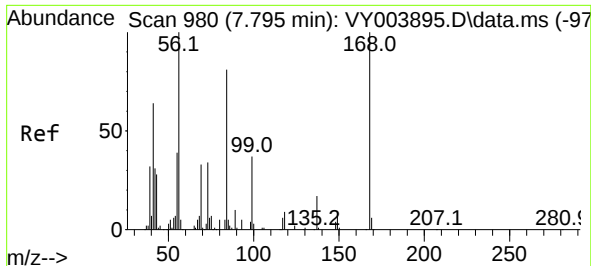
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
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MSVOA_Y
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Quant Time: Jan 15 00:59:19 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

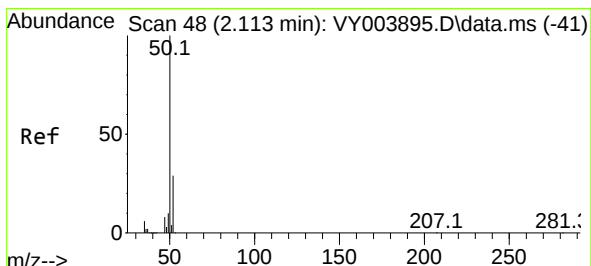
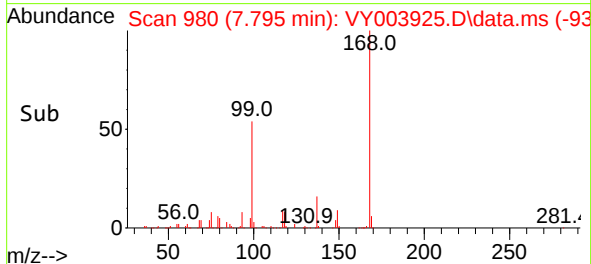
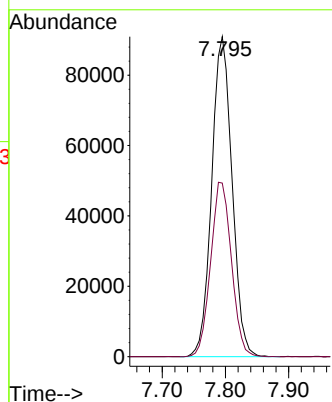
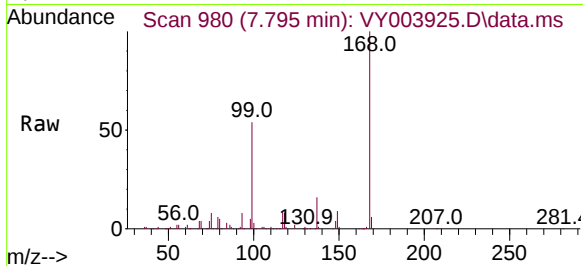




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003925.D
Acq: 14 Jan 2021 17:36

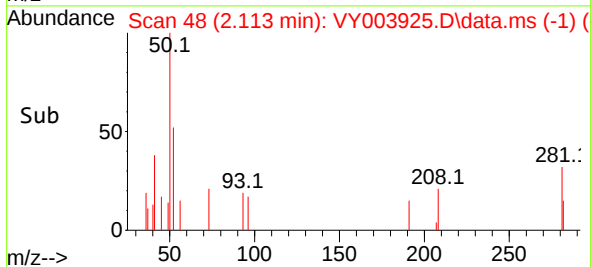
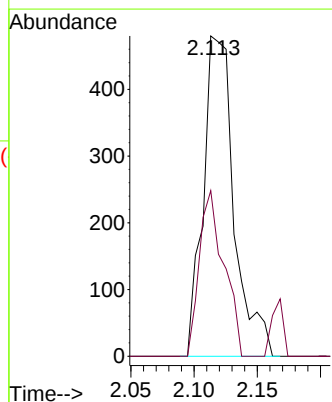
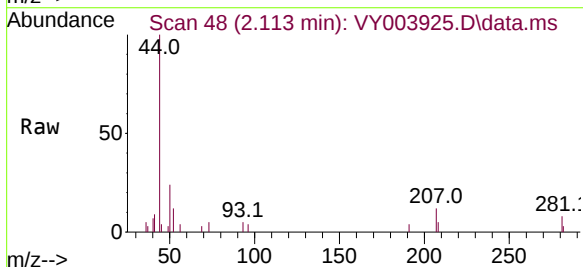
Instrument :
MSVOA_Y
ClientSampleId :

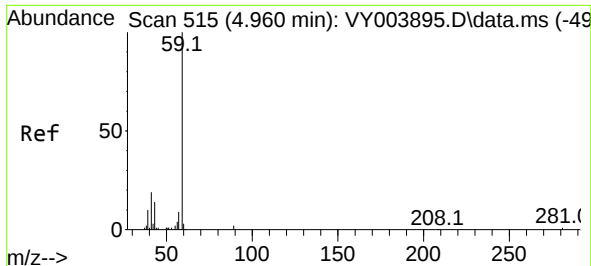
Tgt Ion:168 Resp: 203148
Ion Ratio Lower Upper
168 100
99 54.3 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY003925.D
Acq: 14 Jan 2021 17:36

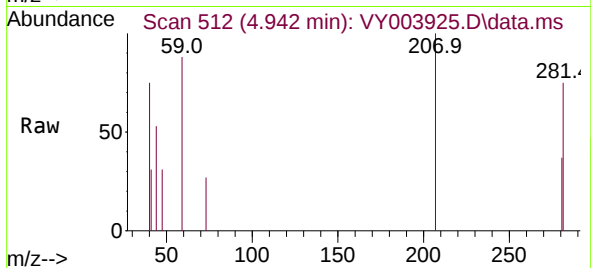
Tgt Ion: 50 Resp: 814
Ion Ratio Lower Upper
50 100
52 51.7 26.6 40.0#



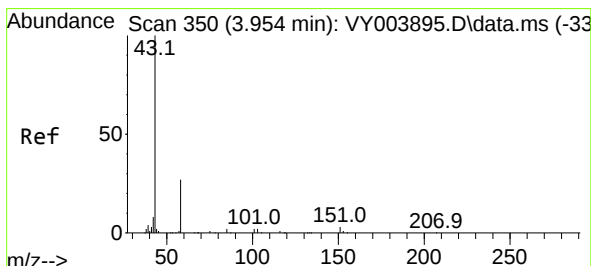
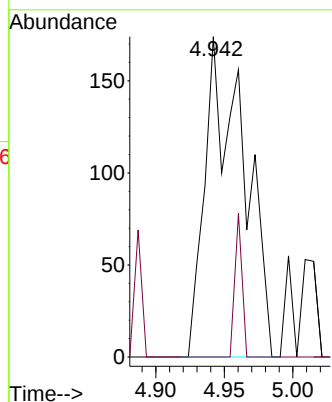
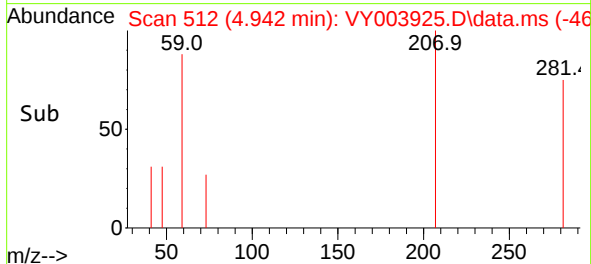


#11
Tert butyl alcohol
Concen: 1.05 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY003925.D
Acq: 14 Jan 2021 17:36

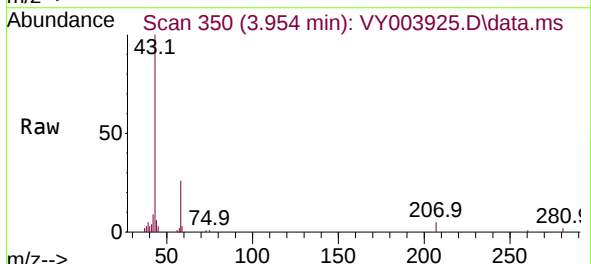
Instrument :
MSVOA_Y
ClientSampled :



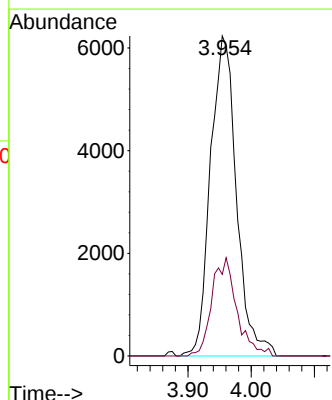
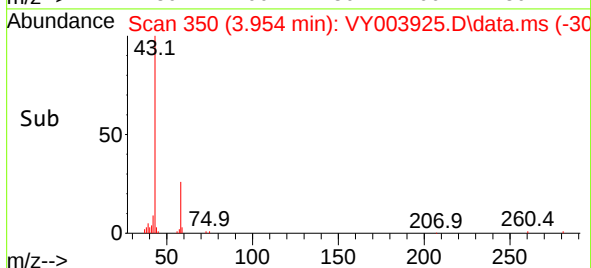
Tgt Ion: 59 Resp: 343
Ion Ratio Lower Upper
59 100
57 8.5 7.9 11.9

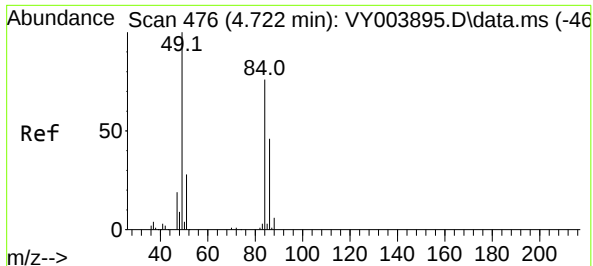


#16
Acetone
Concen: 22.77 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY003925.D
Acq: 14 Jan 2021 17:36



Tgt Ion: 43 Resp: 17771
Ion Ratio Lower Upper
43 100
58 25.5 24.5 36.7





#20

Methylene Chloride

Concen: 2.01 ug/l

RT: 4.729 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY003925.D

Acq: 14 Jan 2021 17:36

Tgt Ion: 84 Resp: 5877

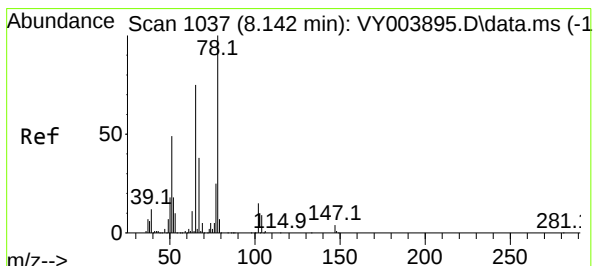
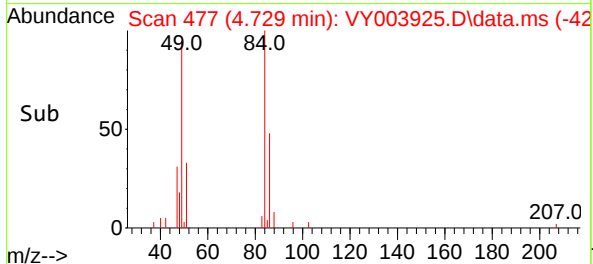
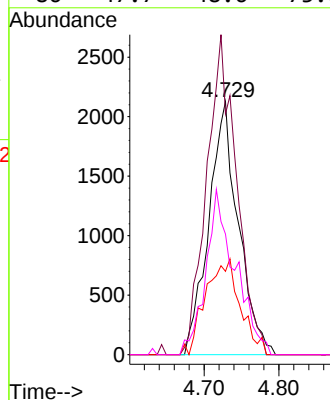
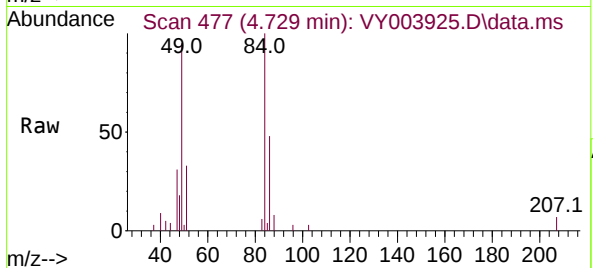
Ion Ratio Lower Upper

84 100

49 95.0 98.0 147.0#

51 32.9 30.5 45.7

86 47.7 48.6 73.0#



#33

1,2-Dichloroethane-d4

Concen: 35.01 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY003925.D

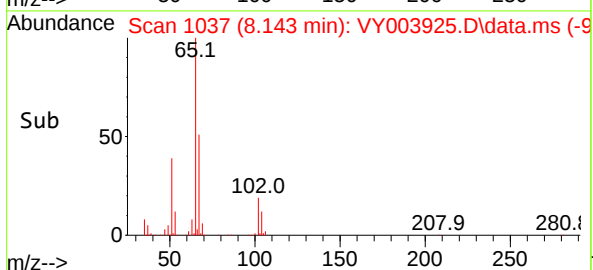
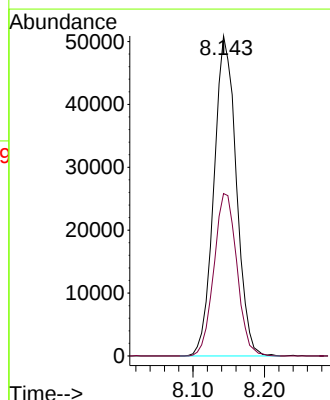
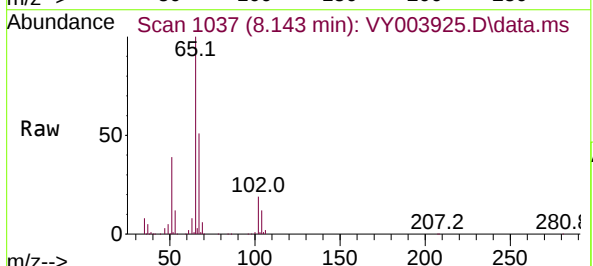
Acq: 14 Jan 2021 17:36

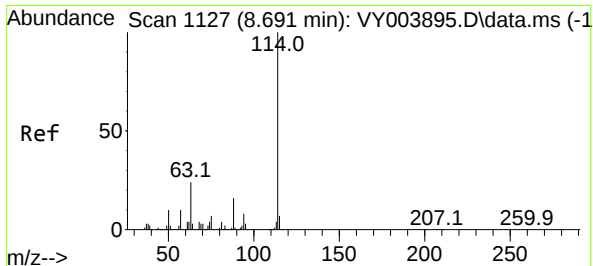
Tgt Ion: 65 Resp: 110470

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.2

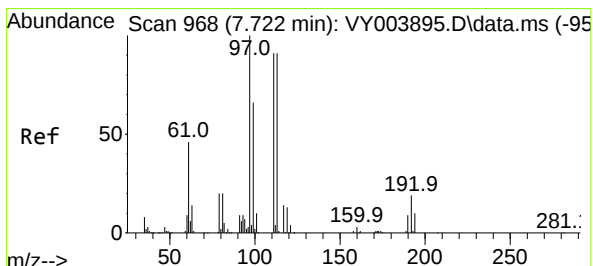
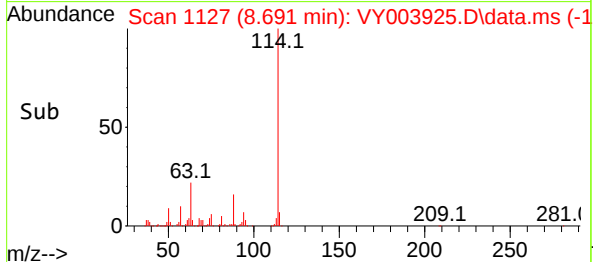
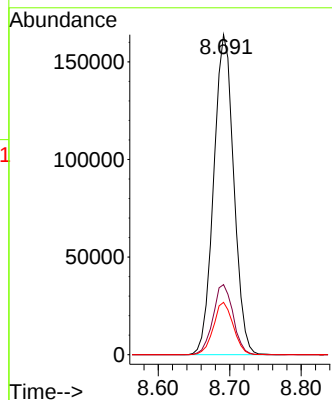
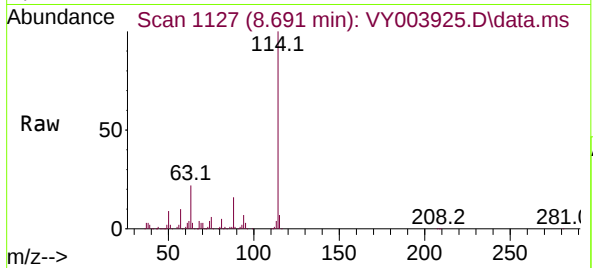




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003925.D
Acq: 14 Jan 2021 17:36

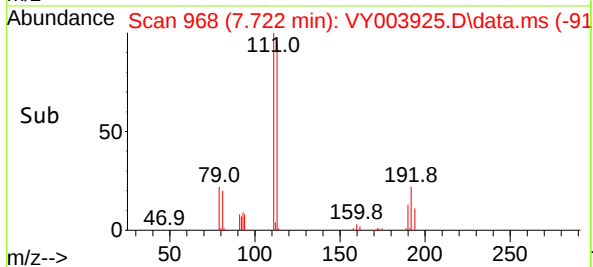
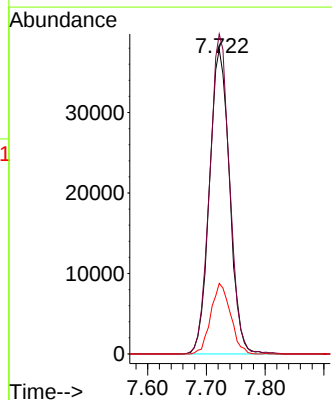
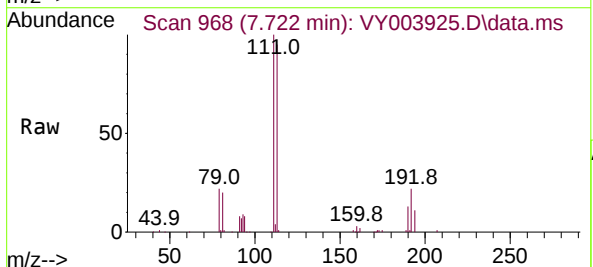
Instrument :
MSVOA_Y
ClientSampleId :

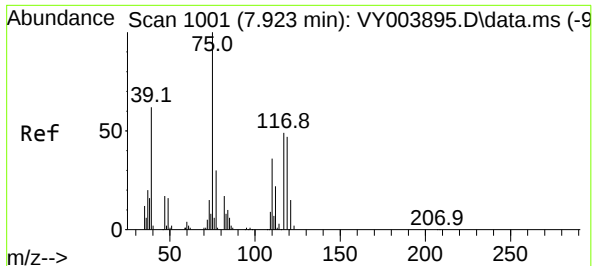
Tgt Ion:114 Resp: 319822
Ion Ratio Lower Upper
114 100
63 21.9 0.0 38.8
88 16.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 34.43 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003925.D
Acq: 14 Jan 2021 17:36

Tgt Ion:113 Resp: 89985
Ion Ratio Lower Upper
113 100
111 104.1 83.0 124.6
192 22.7 19.8 29.6

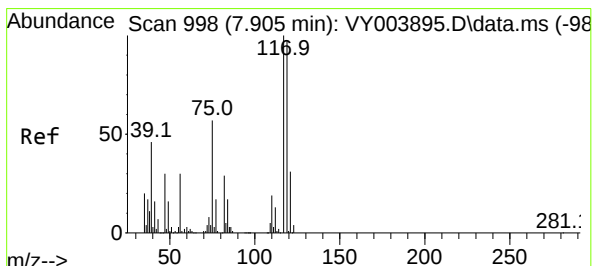
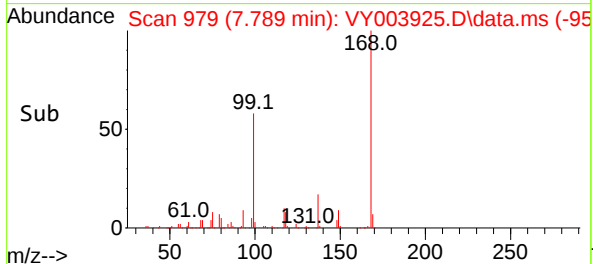
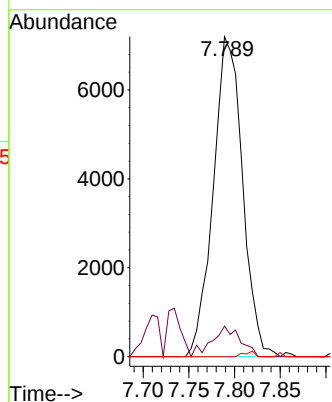
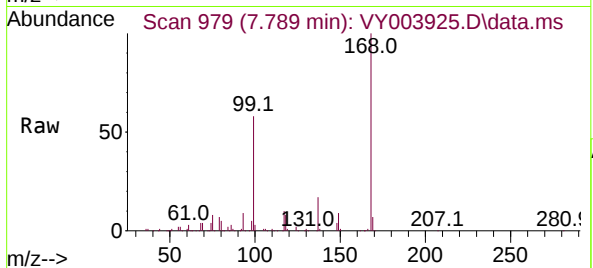




#36
1,1-Dichloropropene
Concen: 3.66 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY003925.D
Acq: 14 Jan 2021 17:36

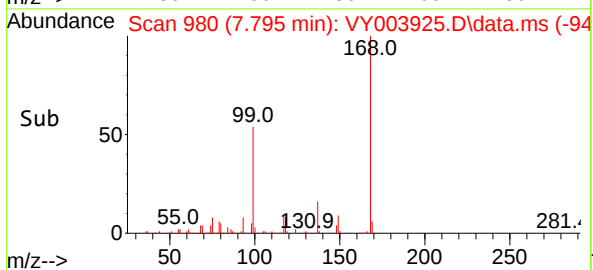
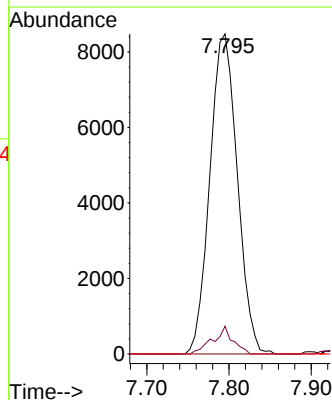
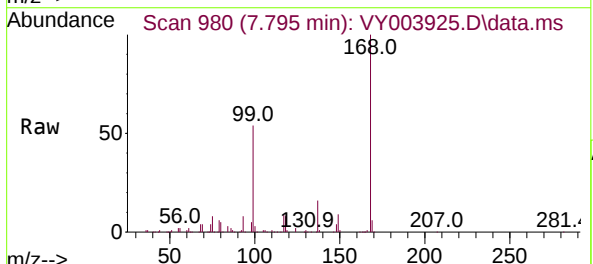
Instrument :
MSVOA_Y
ClientSampleId :

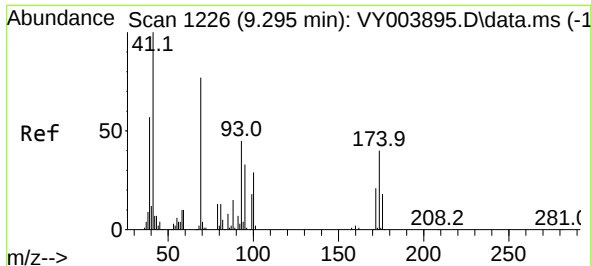
Tgt Ion: 75 Resp: 16016
Ion Ratio Lower Upper
75 100
110 9.3 17.7 53.1#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.25 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY003925.D
Acq: 14 Jan 2021 17:36

Tgt Ion: 117 Resp: 19684
Ion Ratio Lower Upper
117 100
119 8.6 78.6 118.0#
121 0.0 25.8 38.6#

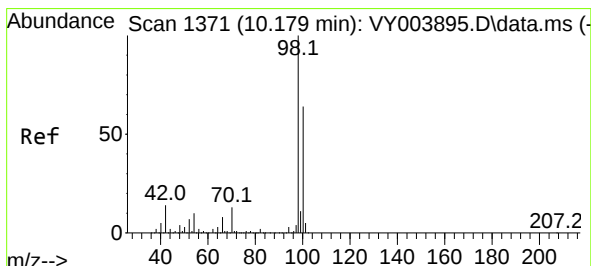
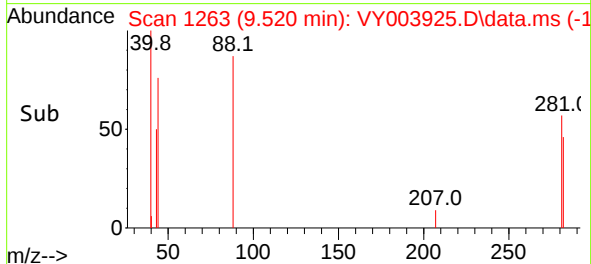
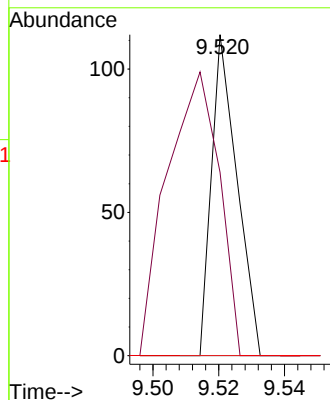
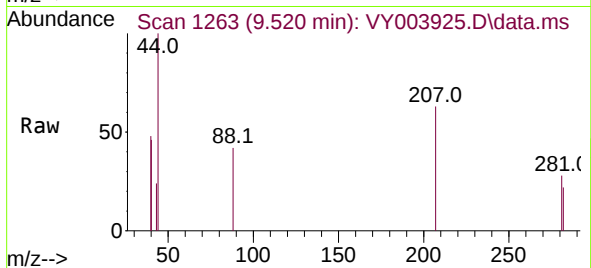




#49
1,4-Dioxane
Concen: 2.56 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.226 min
Lab File: VY003925.D
Acq: 14 Jan 2021 17:36

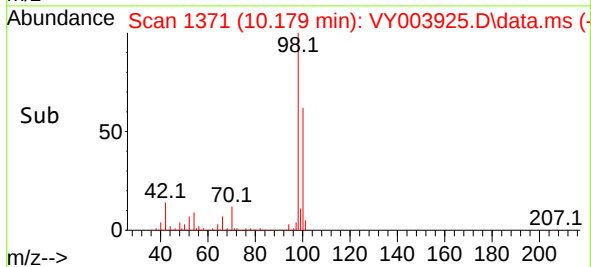
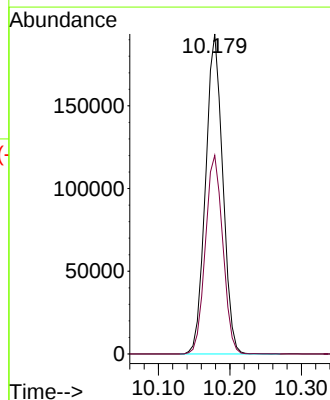
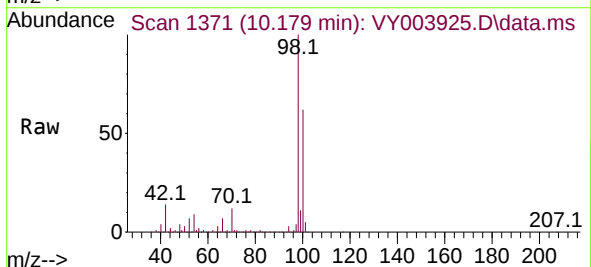
Instrument :
MSVOA_Y
ClientSampled :

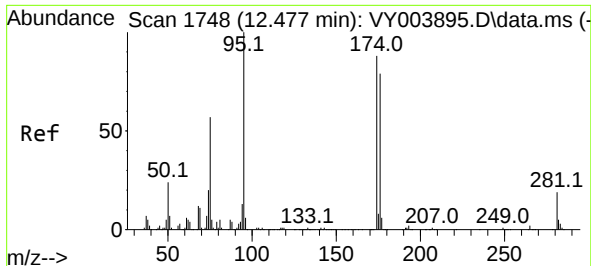
Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 181.7 27.9 41.9#
58 0.0 54.7 82.1#



#50
Toluene-d8
Concen: 30.41 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003925.D
Acq: 14 Jan 2021 17:36

Tgt Ion: 98 Resp: 322125
Ion Ratio Lower Upper
98 100
100 63.0 51.4 77.0

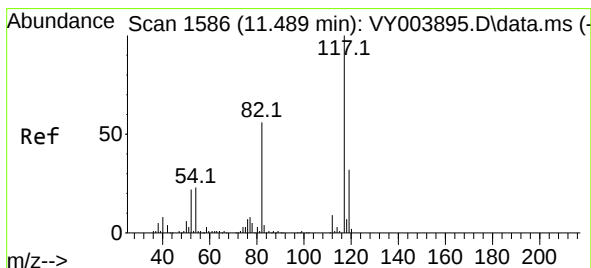
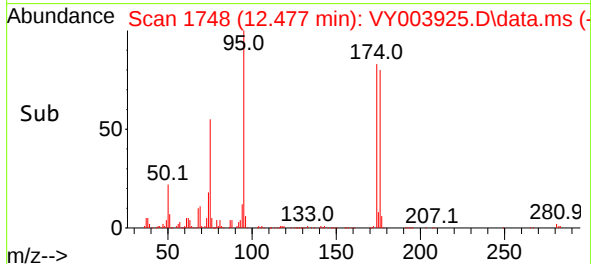
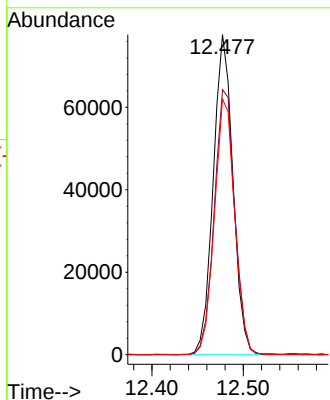
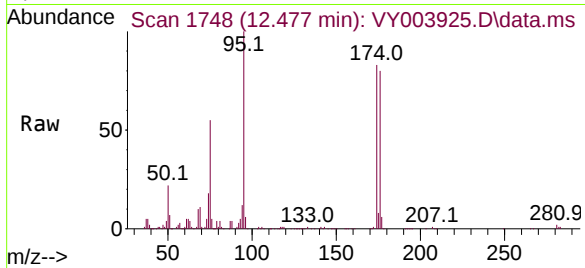




#62
4-Bromofluorobenzene
Concen: 30.07 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003925.D
Acq: 14 Jan 2021 17:36

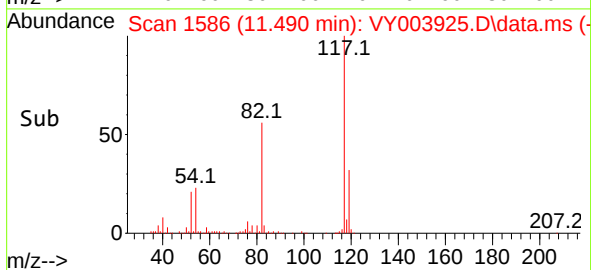
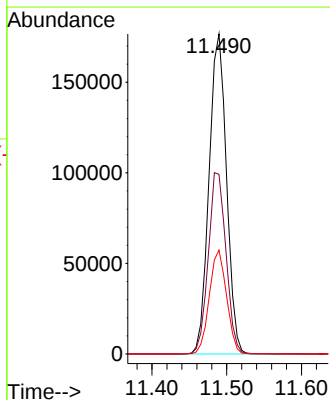
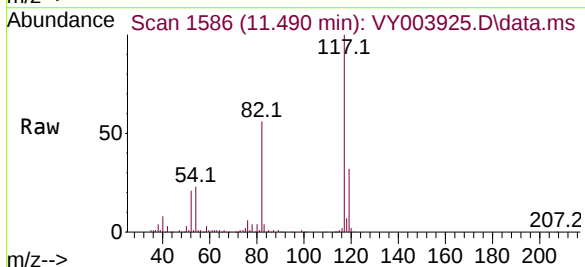
Instrument :
MSVOA_Y
ClientSampled :

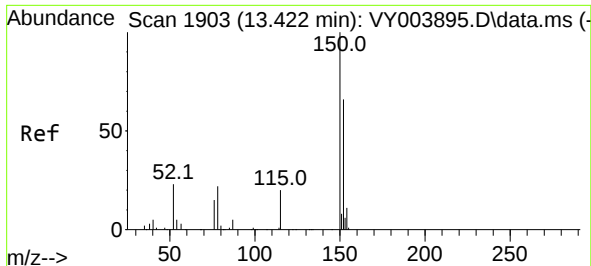
Tgt Ion: 95 Resp: 116324
Ion Ratio Lower Upper
95 100
174 86.3 0.0 193.2
176 82.2 0.0 187.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003925.D
Acq: 14 Jan 2021 17:36

Tgt Ion: 117 Resp: 286038
Ion Ratio Lower Upper
117 100
82 56.2 43.9 65.9
119 32.4 26.2 39.4

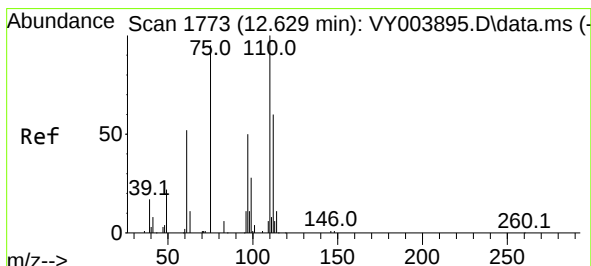
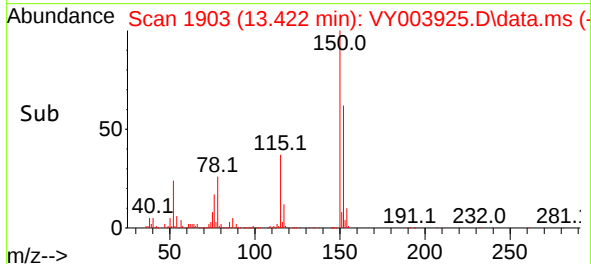
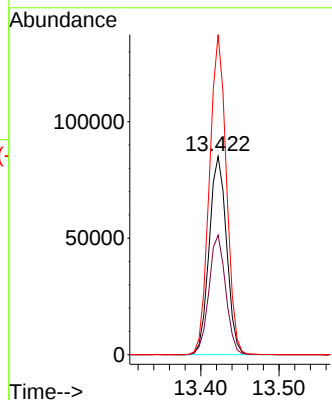
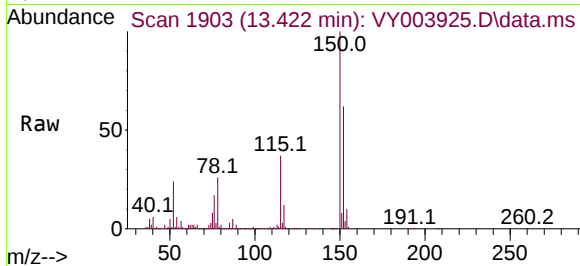




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003925.D
Acq: 14 Jan 2021 17:36

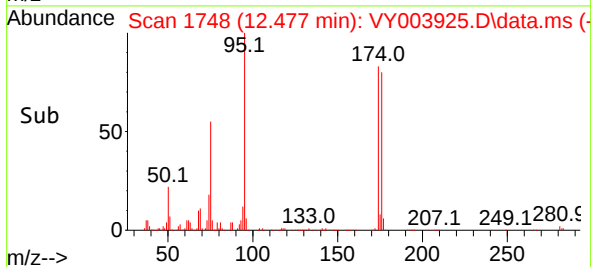
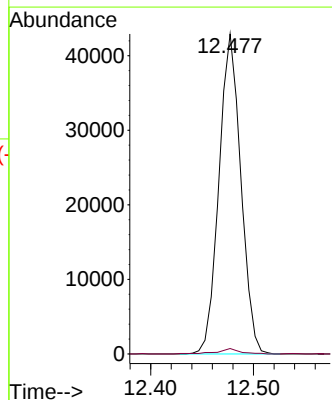
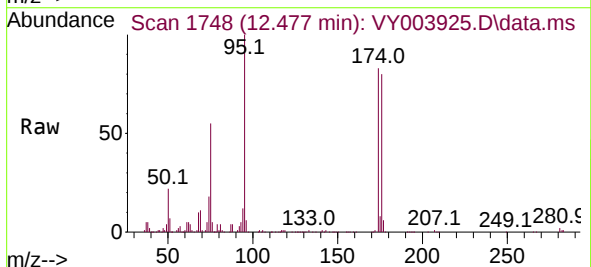
Instrument :
MSVOA_Y
ClientSampleId :

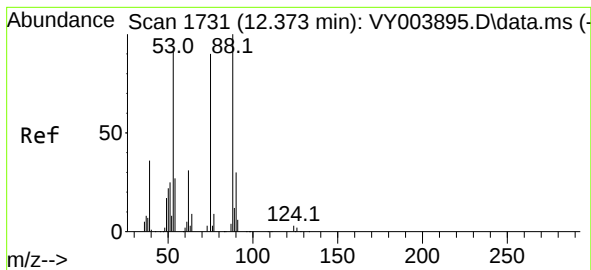
Tgt Ion:152 Resp: 130869
Ion Ratio Lower Upper
152 100
115 58.4 27.9 83.7
150 157.8 0.0 356.4



#76
1,2,3-Trichloropropane
Concen: 35.86 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY003925.D
Acq: 14 Jan 2021 17:36

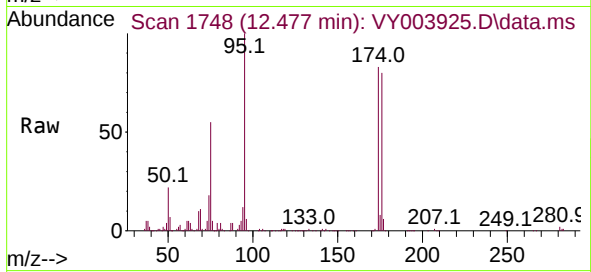
Tgt Ion: 75 Resp: 63453
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.07 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.104 min
 Lab File: VY003925.D
 Acq: 14 Jan 2021 17:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 63453
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.0 112.6#
 89 0.0 0.0 0.0

