

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003911.D
 Acq On : 12 Jan 2021 19:12
 Operator : SY/MD
 Sample : M1073-01
 Misc : 6.38G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-217

Quant Time: Jan 13 02:36:11 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	205133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	344356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	330614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	174477	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	149809	47.02	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.04%
35) Dibromofluoromethane	7.722	113	113207	40.23	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.46%
50) Toluene-d8	10.179	98	437597	38.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.74%
62) 4-Bromofluorobenzene	12.477	95	164507	39.50	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.00%

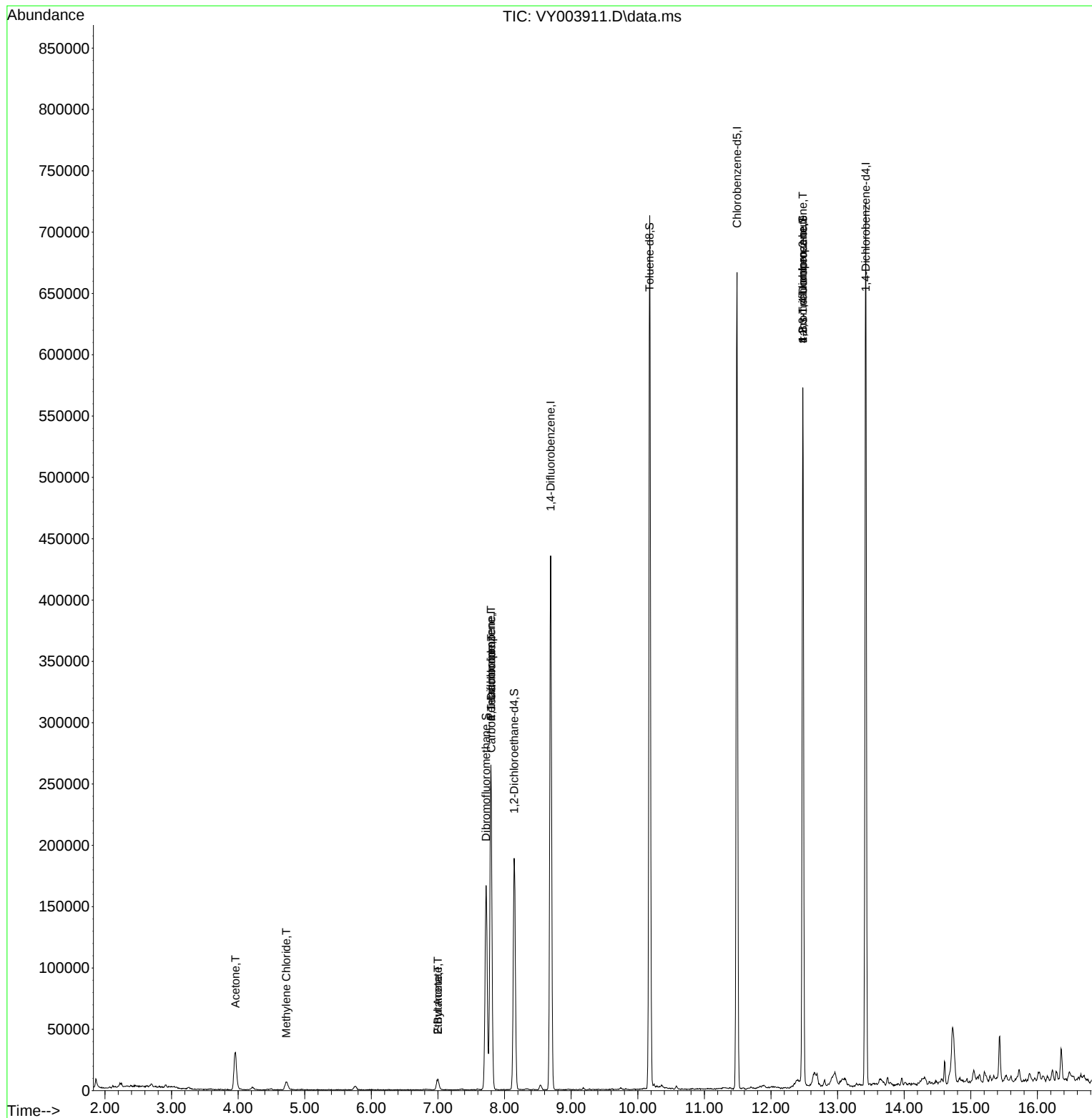
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	54	Below Cal	#	43
3) Chloromethane	2.119	50	475	Below Cal	#	61
16) Acetone	3.960	43	55353	70.25	ug/l	99
20) Methylene Chloride	4.723	84	4600	1.56	ug/l	# 88
25) 2-Butanone	6.997	43	15244	12.42	ug/l	# 84
36) 1,1-Dichloropropene	7.795	75	15113	3.21	ug/l	# 51
37) Ethyl Acetate	6.997	43	15244	4.81	ug/l	# 69
38) Carbon Tetrachloride	7.801	117	19789	3.97	ug/l	# 14
76) 1,2,3-Trichloropropane	12.477	75	90046	38.17	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	90046	72.46	ug/l	# 3

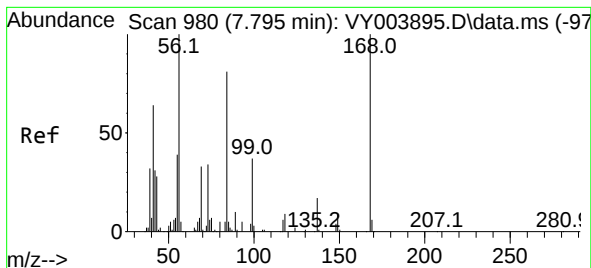
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003911.D

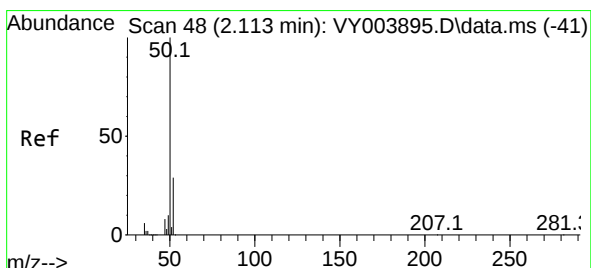
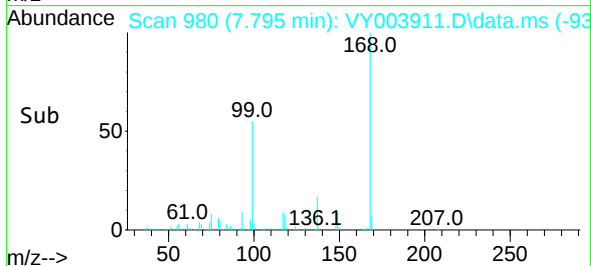
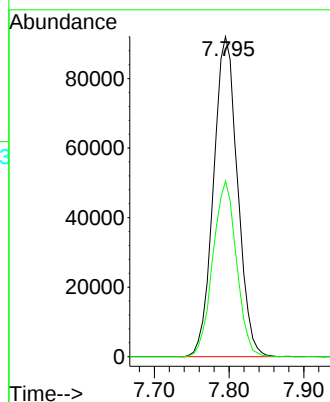
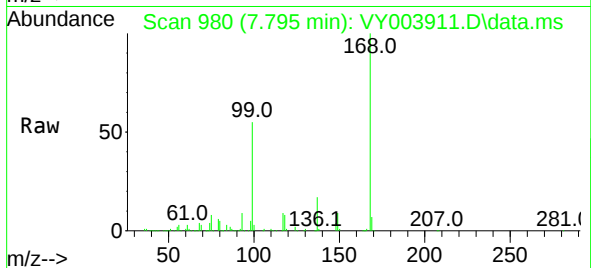
Acq: 12 Jan 2021 19:12

Tgt Ion:168 Resp: 205133

Ion Ratio Lower Upper

168 100

99 54.9 40.4 60.6



#3

Chloromethane

Concen: Below Cal

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY003911.D

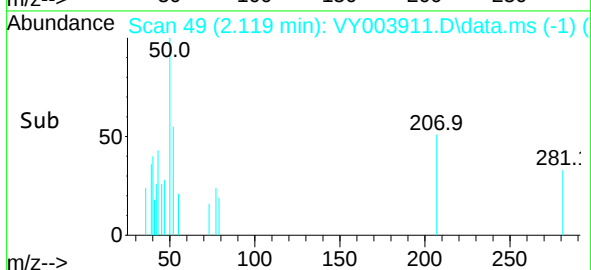
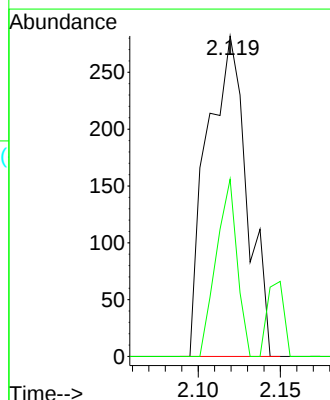
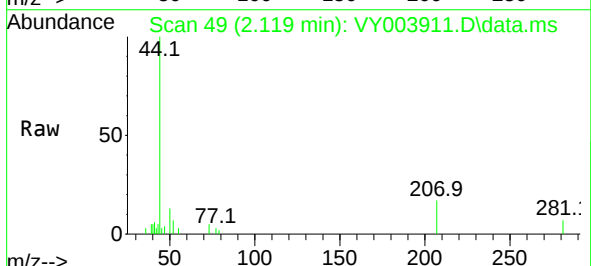
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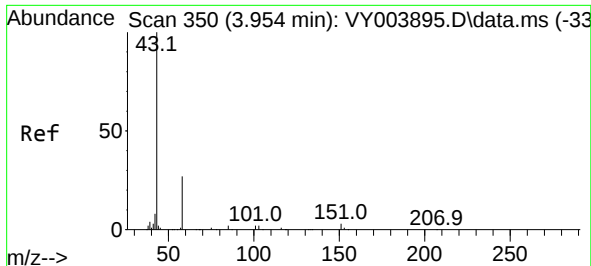
Tgt Ion: 50 Resp: 475

Ion Ratio Lower Upper

50 100

52 55.3 26.6 40.0#

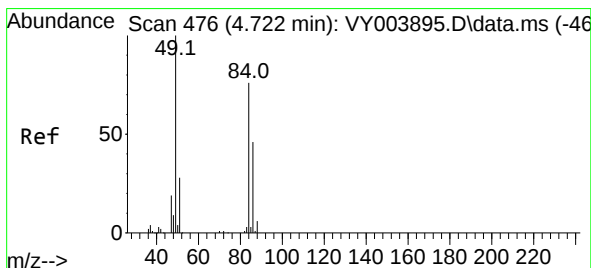
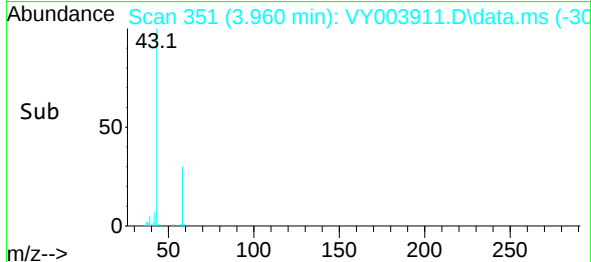
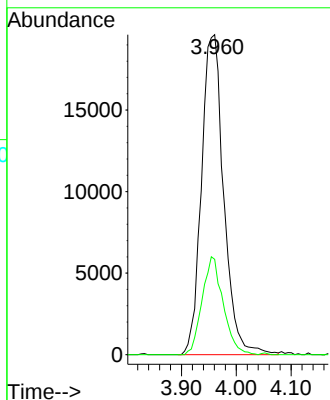
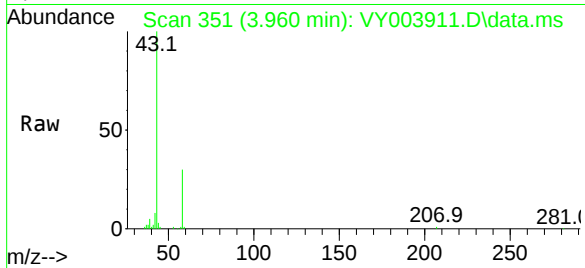




#16
Acetone
Concen: 70.25 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

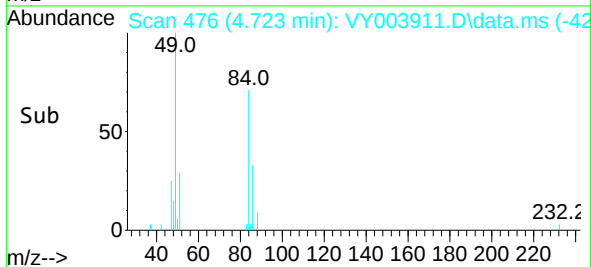
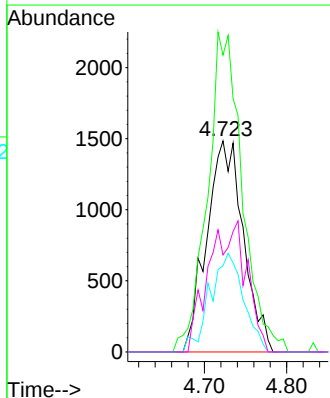
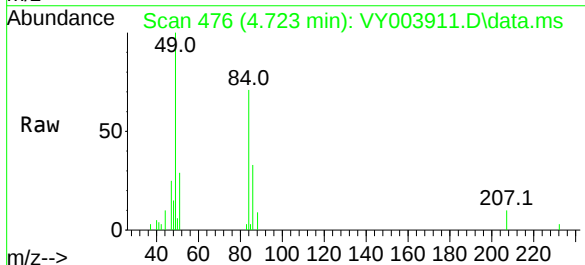
Instrument :
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VNJ-217

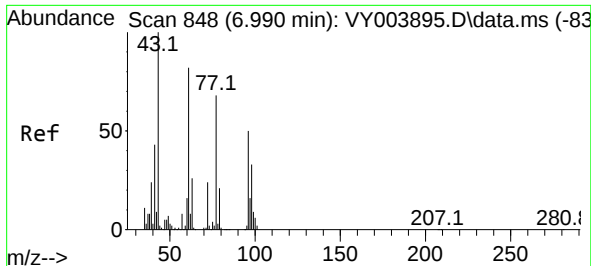
Tgt Ion: 43 Resp: 55353
Ion Ratio Lower Upper
43 100
58 29.8 24.5 36.7



#20
Methylene Chloride
Concen: 1.56 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

Tgt Ion: 84 Resp: 4600
Ion Ratio Lower Upper
84 100
49 135.4 98.0 147.0
51 40.8 30.5 45.7
86 46.0 48.6 73.0#

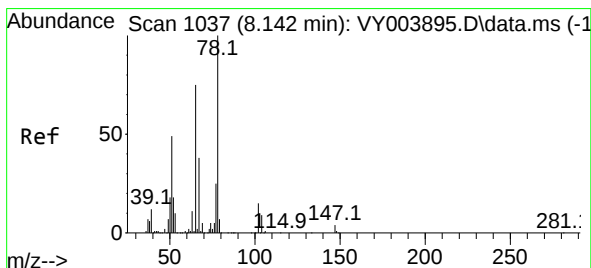
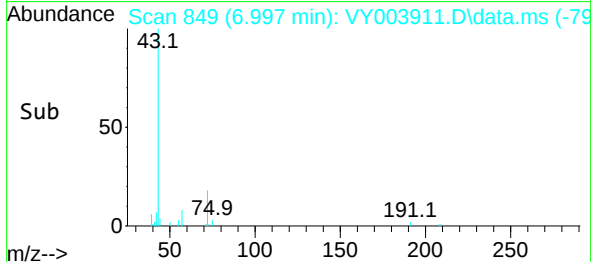
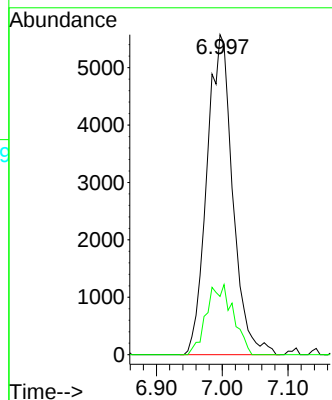
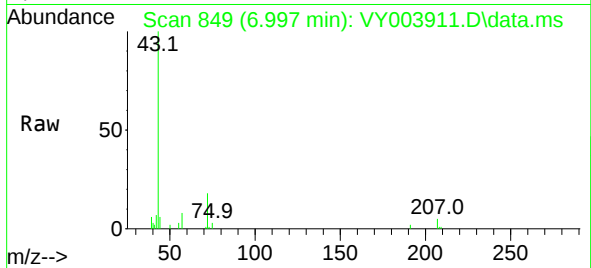




#25
2-Butanone
Concen: 12.42 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

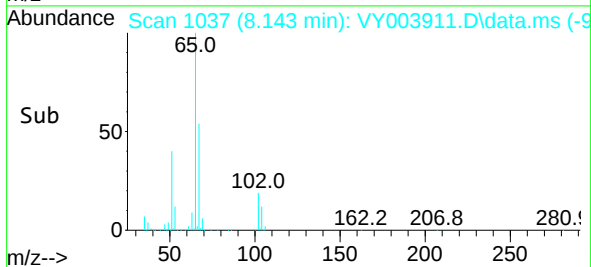
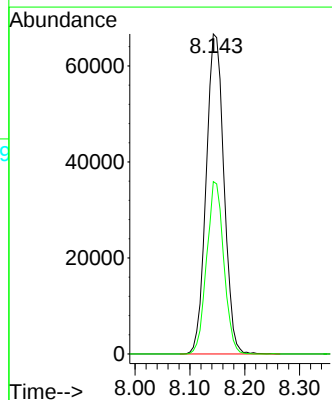
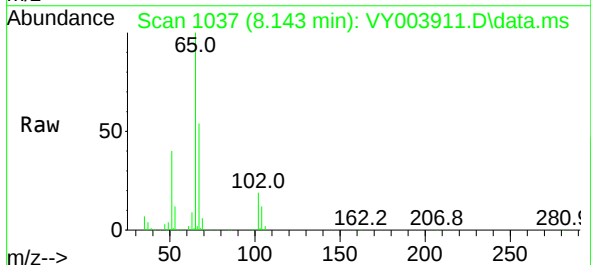
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-217

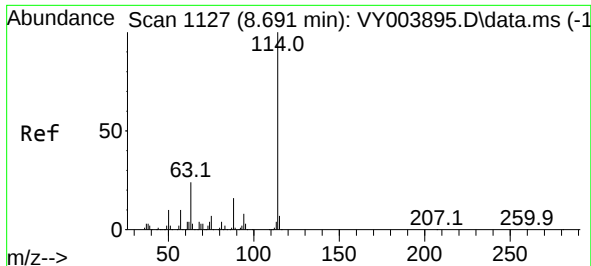
Tgt Ion: 43 Resp: 15244
Ion Ratio Lower Upper
43 100
72 18.2 21.0 31.6#



#33
1,2-Dichloroethane-d4
Concen: 47.02 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

Tgt Ion: 65 Resp: 149809
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.2

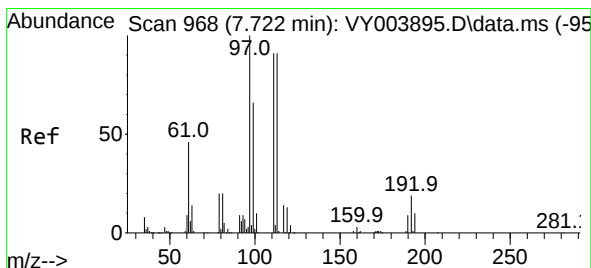
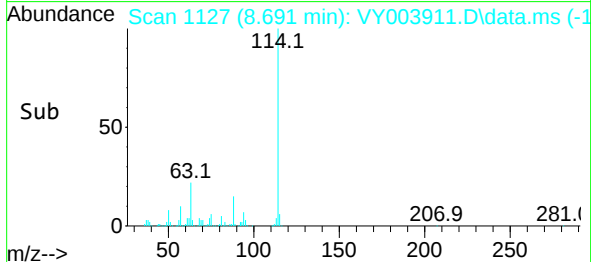
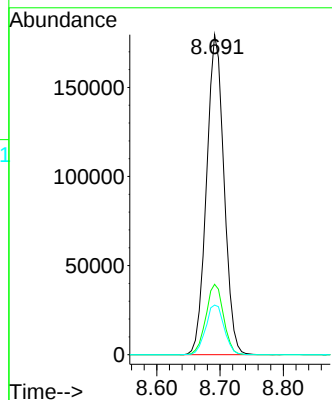
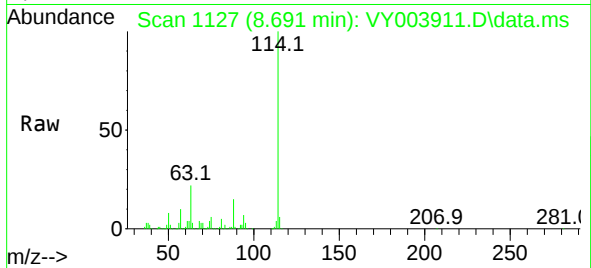




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

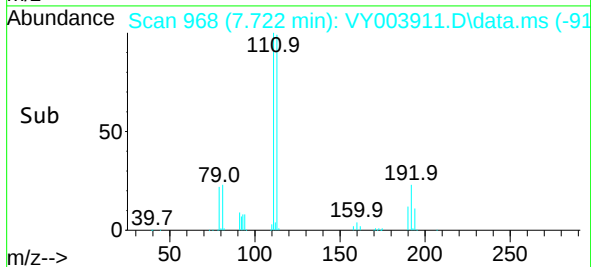
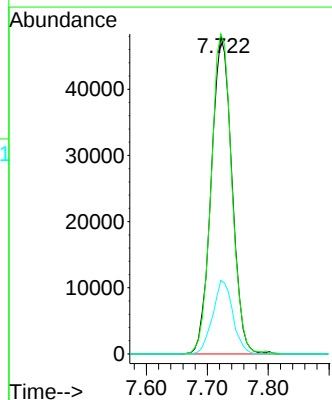
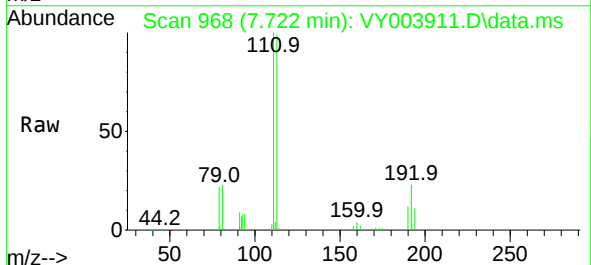
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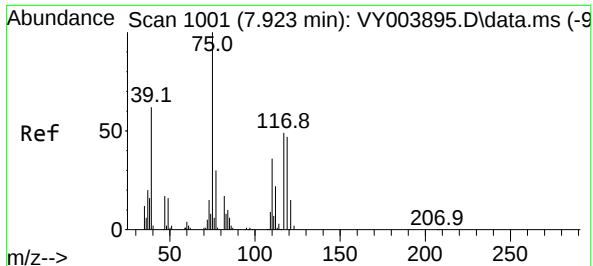
Tgt Ion:	114	Resp:	344356
Ion Ratio	Lower	Upper	
114	100		
63	22.0	0.0	38.8
88	15.5	0.0	31.4



#35
Dibromofluoromethane
Concen: 40.23 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

Tgt Ion:	113	Resp:	113207
Ion Ratio	Lower	Upper	
113	100		
111	100.5	83.0	124.6
192	22.5	19.8	29.6

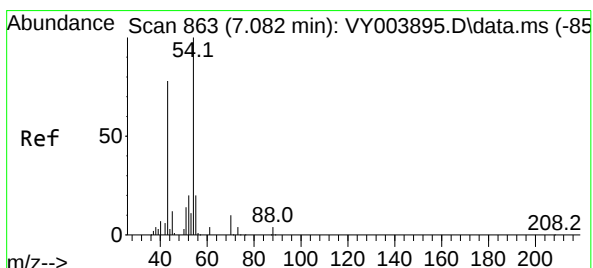
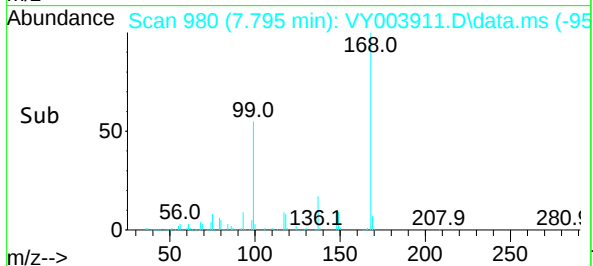
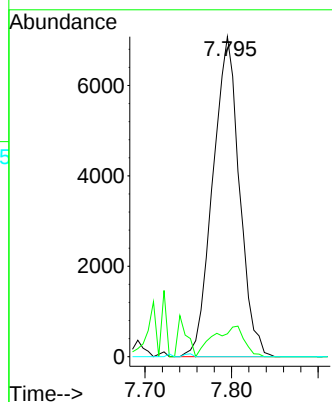
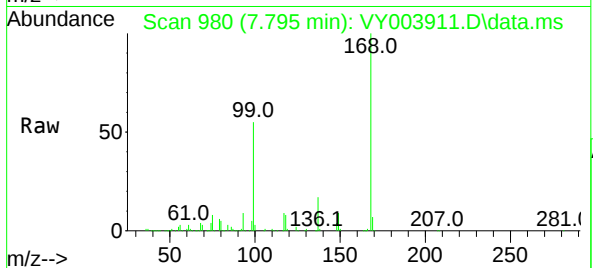




#36
1,1-Dichloropropene
Concen: 3.21 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

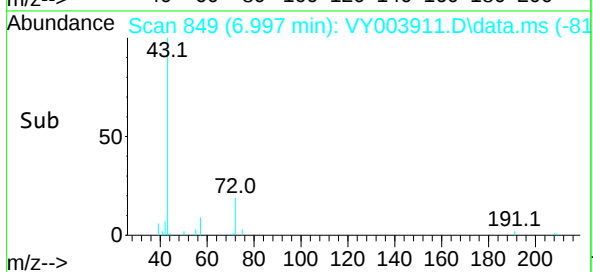
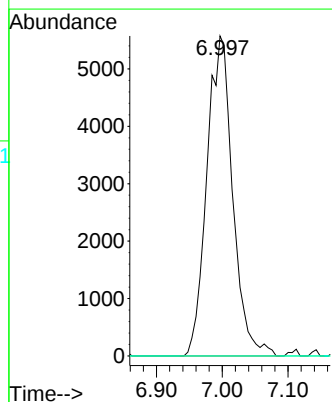
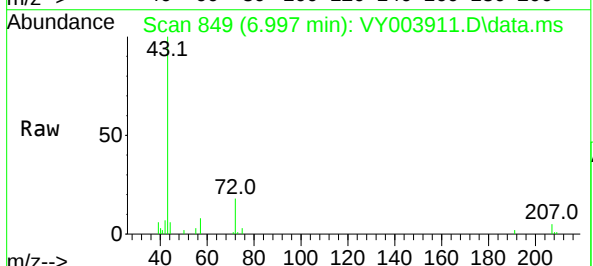
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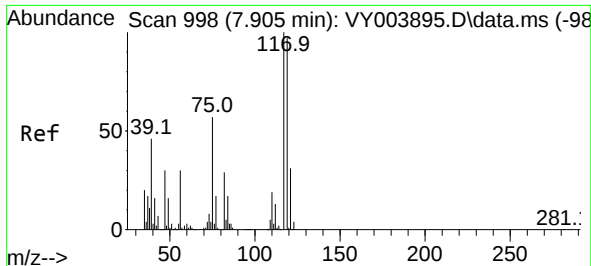
Tgt Ion: 75 Resp: 15113
Ion Ratio Lower Upper
75 100
110 11.0 17.7 53.1#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 4.81 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.085 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

Tgt Ion: 43 Resp: 15244
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 3.97 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.103 min

Lab File: VY003911.D

Acq: 12 Jan 2021 19:12

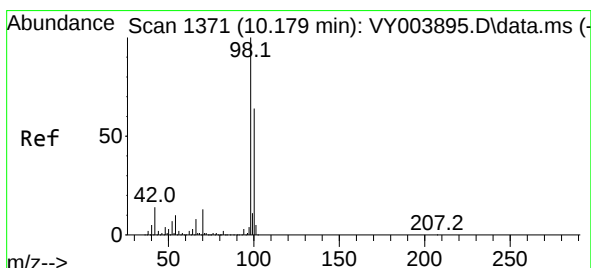
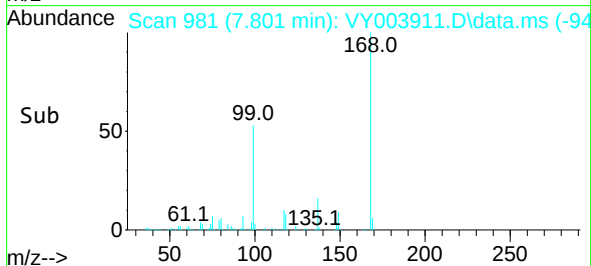
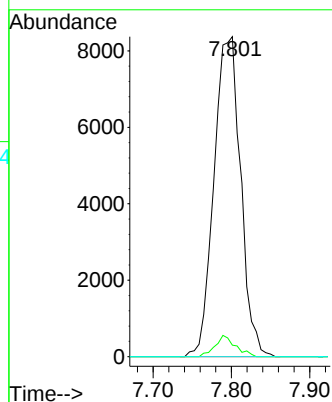
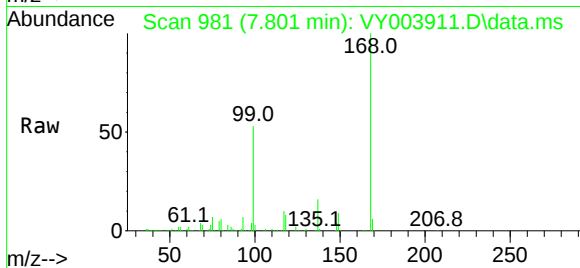
Instrument :

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ClientSampleId :

VNJ-217

Tgt Ion:117 Resp: 19789
 Ion Ratio Lower Upper
 117 100
 119 3.6 78.6 118.0#
 121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 38.37 ug/l

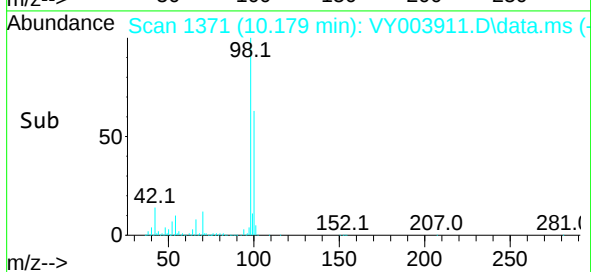
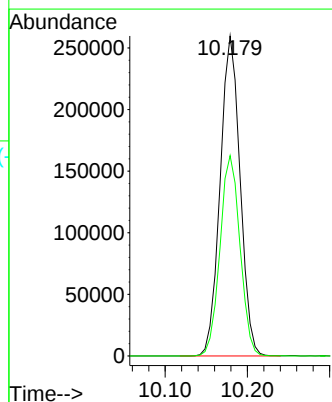
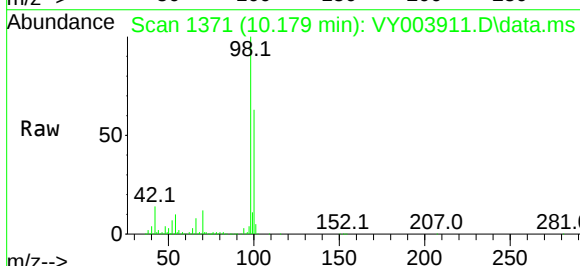
RT: 10.179 min Scan# 1371

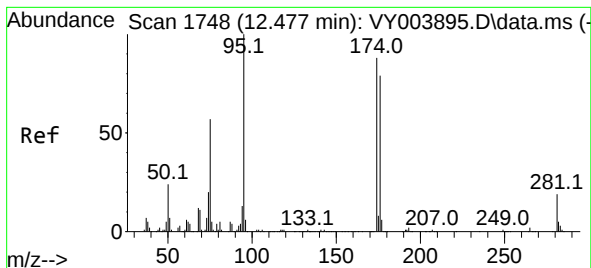
Delta R.T. 0.000 min

Lab File: VY003911.D

Acq: 12 Jan 2021 19:12

Tgt Ion: 98 Resp: 437597
 Ion Ratio Lower Upper
 98 100
 100 62.7 51.4 77.0

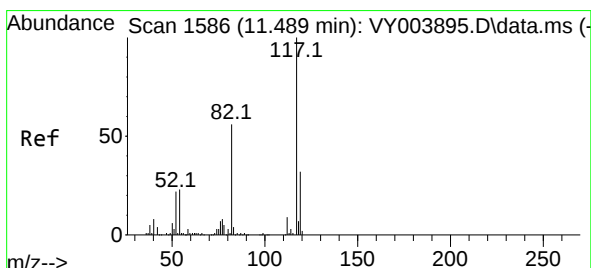
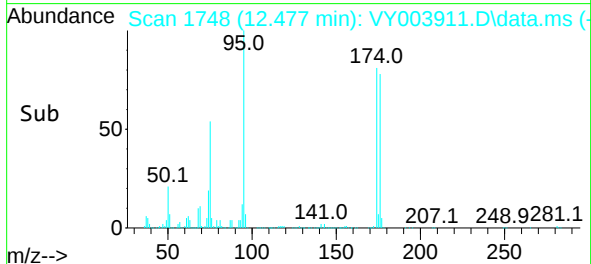
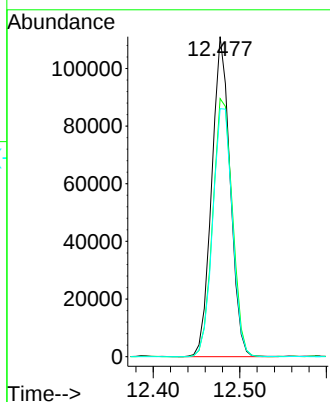
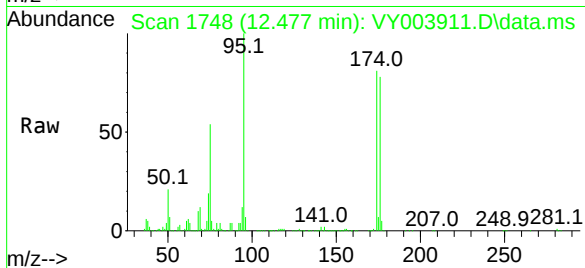




#62
4-Bromofluorobenzene
Concen: 39.50 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

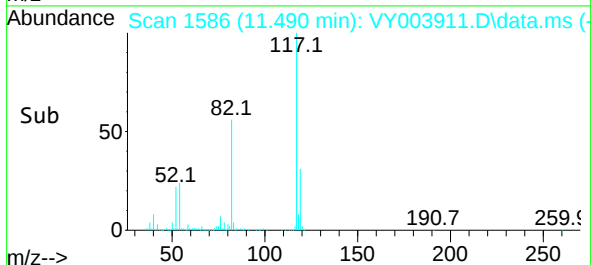
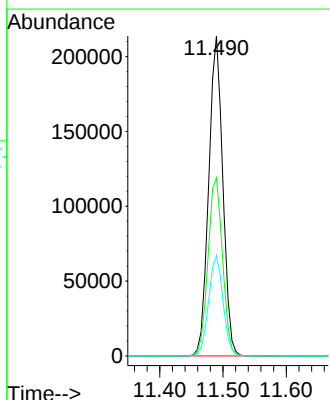
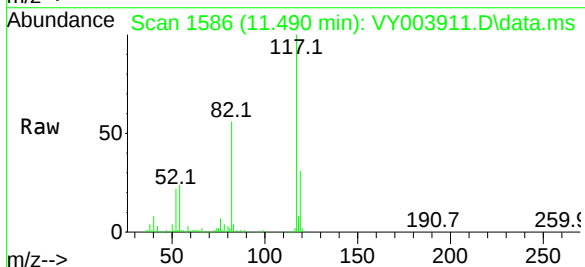
Instrument :
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VNJ-217

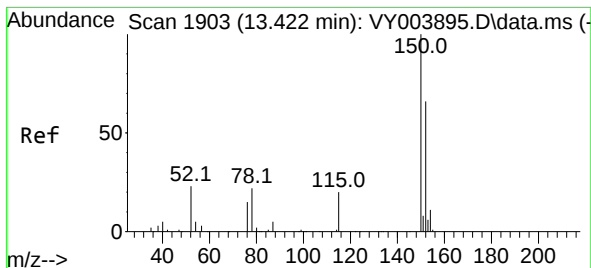
Tgt Ion: 95 Resp: 164507
Ion Ratio Lower Upper
95 100
174 85.7 0.0 193.2
176 82.5 0.0 187.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003911.D
Acq: 12 Jan 2021 19:12

Tgt Ion: 117 Resp: 330614
Ion Ratio Lower Upper
117 100
82 55.7 43.9 65.9
119 31.4 26.2 39.4

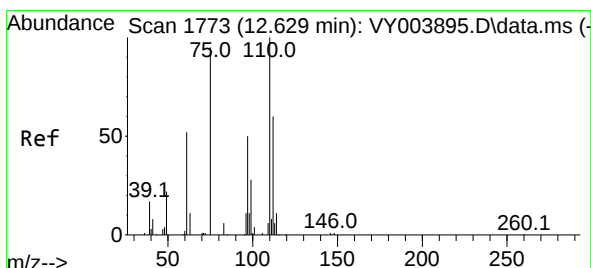
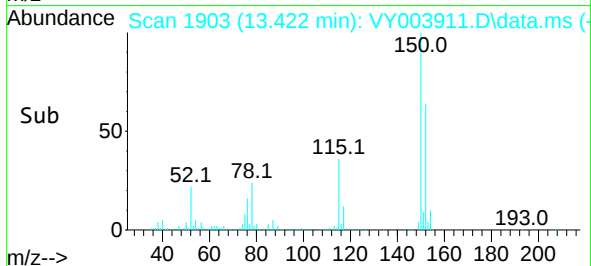
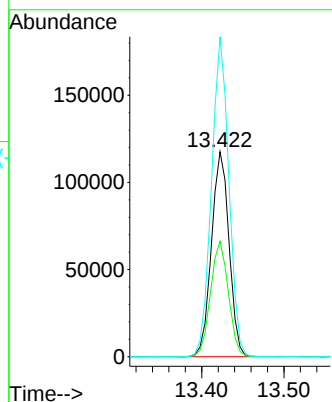
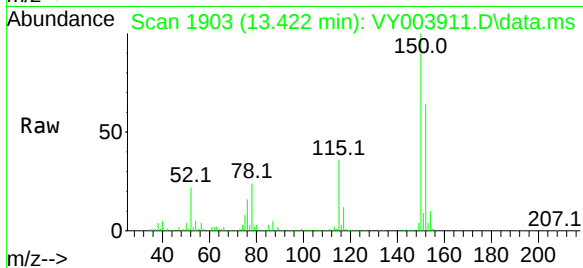




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY003911.D
 Acq: 12 Jan 2021 19:12

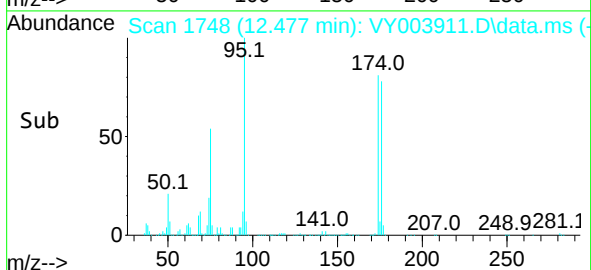
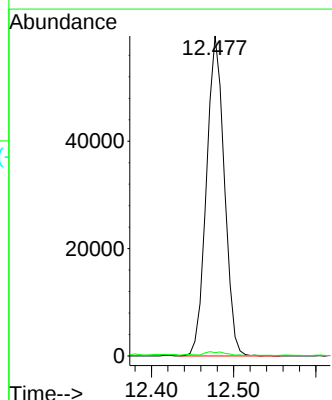
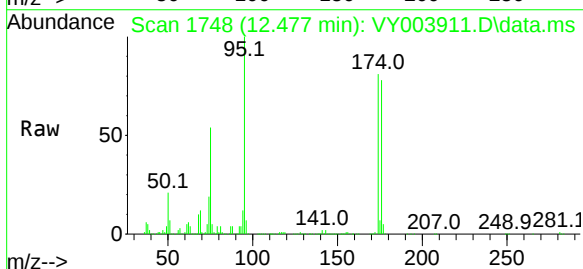
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-217

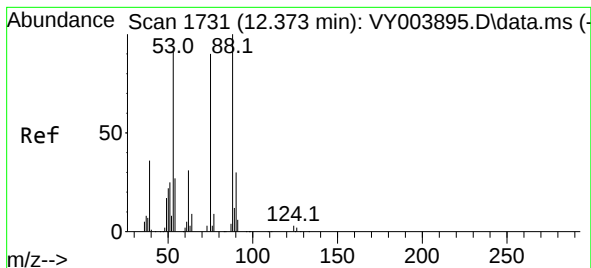
Tgt Ion:152 Resp: 174477
 Ion Ratio Lower Upper
 152 100
 115 57.2 27.9 83.7
 150 154.2 0.0 356.4



#76
 1,2,3-Trichloropropane
 Concen: 38.17 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY003911.D
 Acq: 12 Jan 2021 19:12

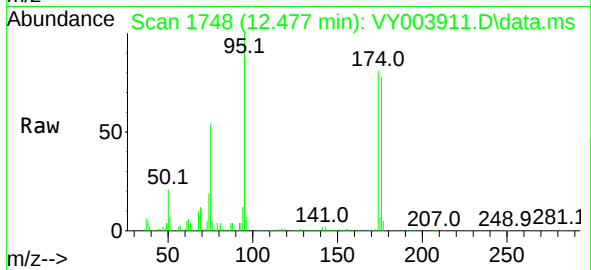
Tgt Ion: 75 Resp: 90046
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.46 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.104 min
 Lab File: VY003911.D
 Acq: 12 Jan 2021 19:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-217



Tgt Ion: 75 Resp: 90046
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.1 0.0 0.0#

