

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003906.D
 Acq On : 12 Jan 2021 17:16
 Operator : SY/MD
 Sample : M1078-01
 Misc : 5.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-011121

Quant Time: Jan 13 02:34:36 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)

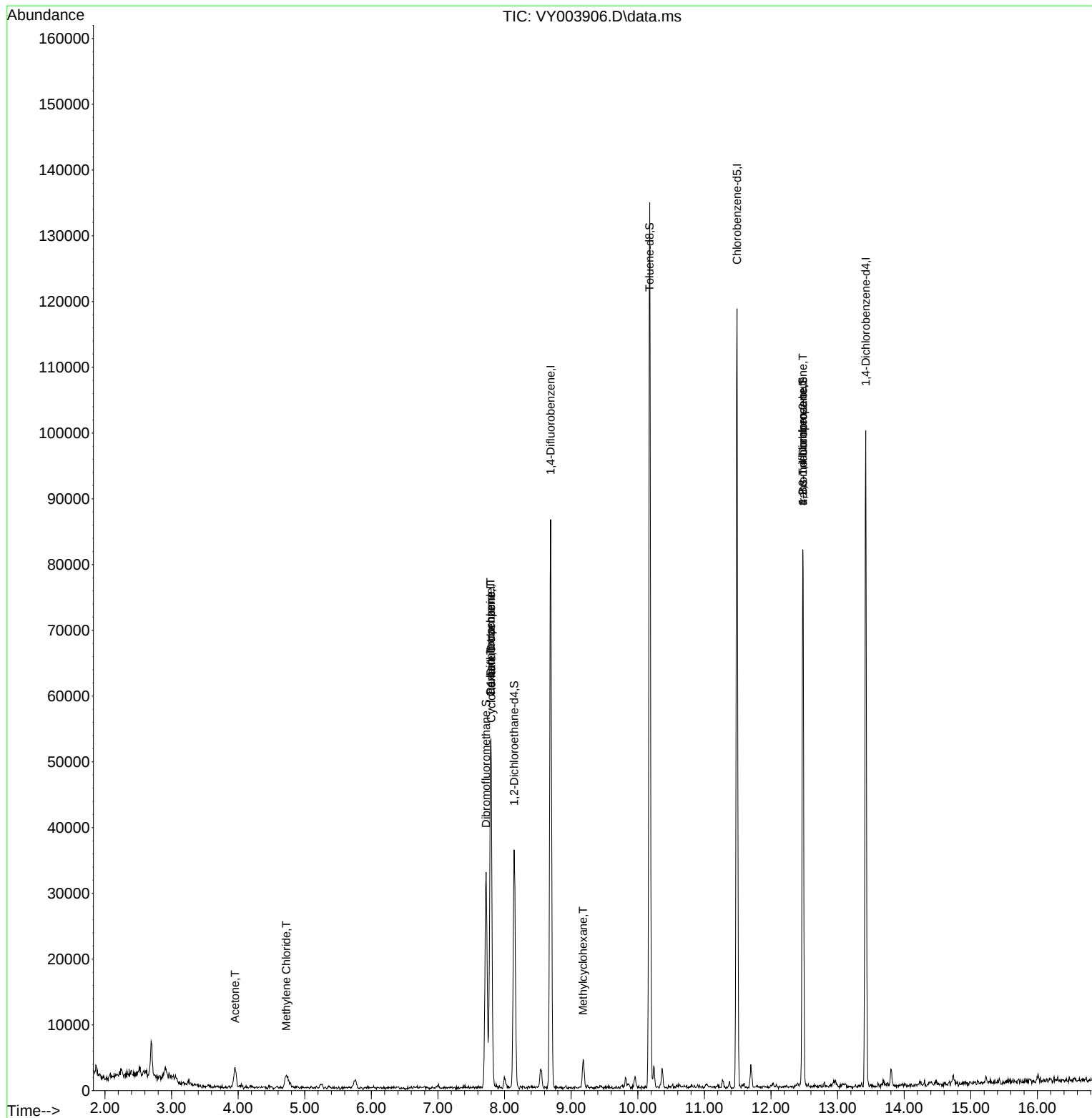
Internal Standards						
1) Pentafluorobenzene	7.795	168	41188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	66347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	57249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	23604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	28156	44.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.02%
35) Dibromofluoromethane	7.722	113	21236	39.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.34%
50) Toluene-d8	10.179	98	81332	37.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	74.02%
62) 4-Bromofluorobenzene	12.477	95	23960	29.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.72%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	196	Below Cal	#	41
16) Acetone	3.954	43	5192	32.82	ug/l	92
20) Methylene Chloride	4.723	84	1387	2.34	ug/l #	90
31) Cyclohexane	7.801	56	1742	1.62	ug/l #	80
36) 1,1-Dichloropropene	7.789	75	3325	3.66	ug/l #	54
38) Carbon Tetrachloride	7.789	117	3965	4.12	ug/l #	18
39) Methylcyclohexane	9.179	83	1698	1.55	ug/l #	89
76) 1,2,3-Trichloropropane	12.477	75	13048	40.88	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	13048	77.61	ug/l #	3

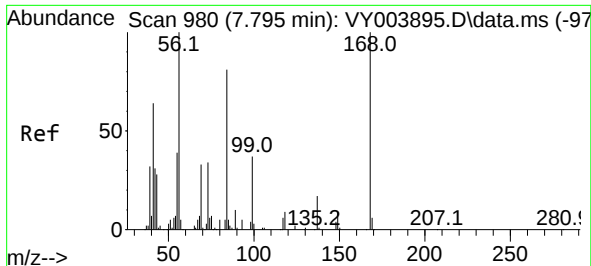
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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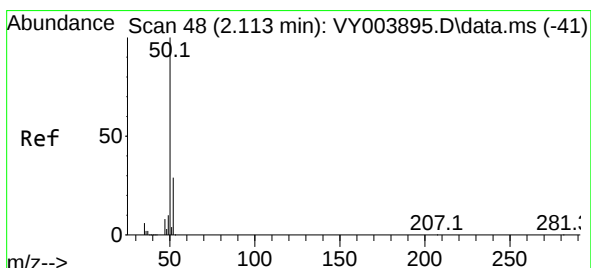
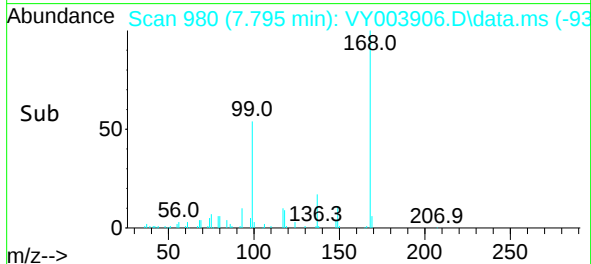
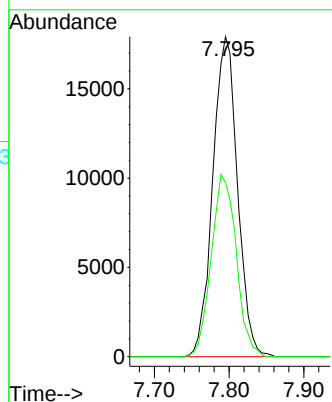
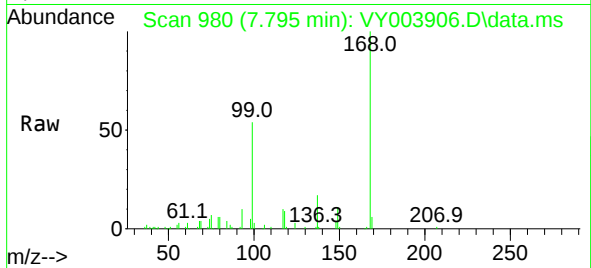




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003906.D
Acq: 12 Jan 2021 17:16

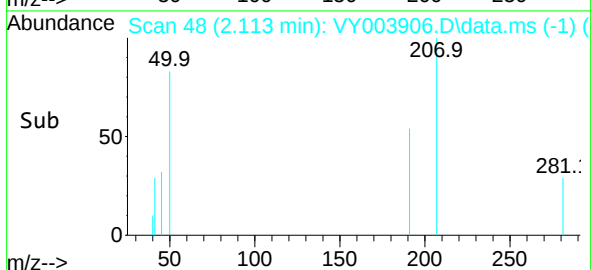
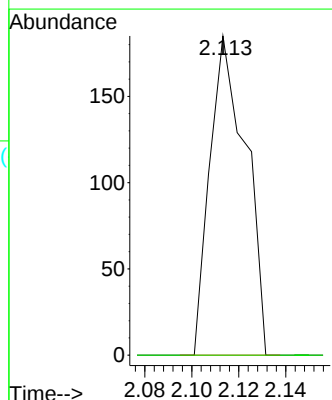
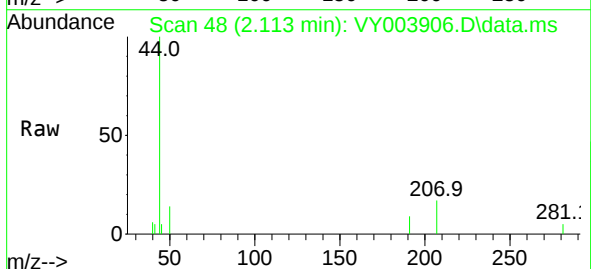
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011121

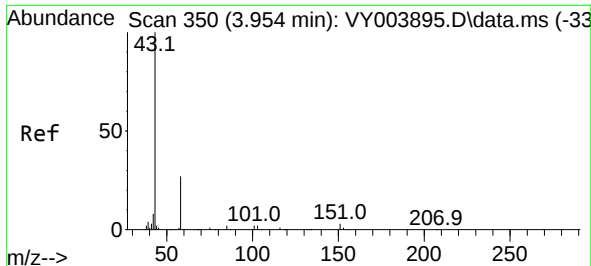
Tgt Ion:168 Resp: 41188
Ion Ratio Lower Upper
168 100
99 54.4 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY003906.D
Acq: 12 Jan 2021 17:16

Tgt Ion: 50 Resp: 196
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

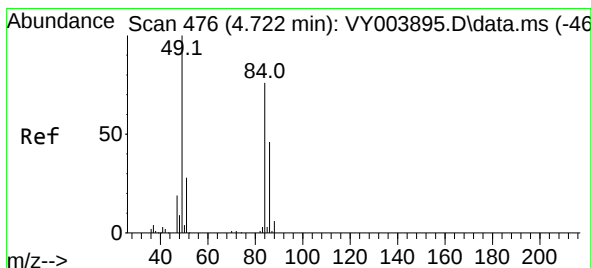
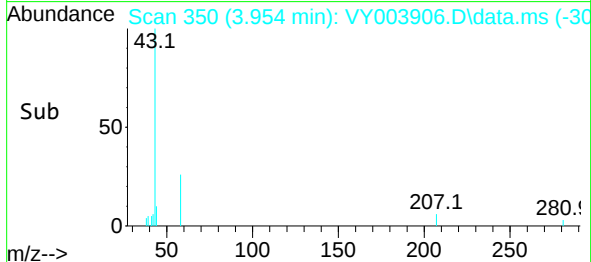
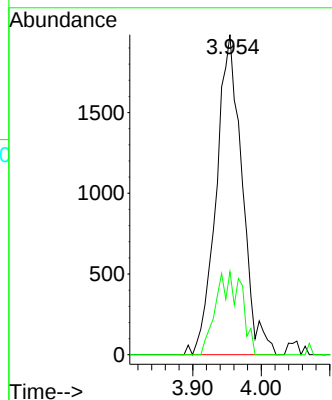
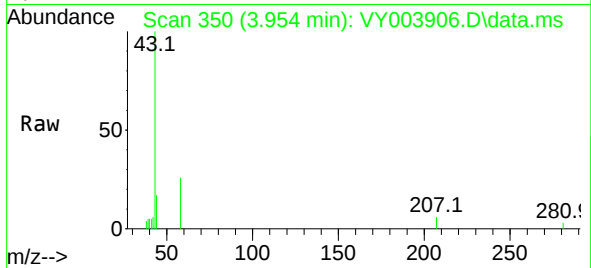




#16
Acetone
Concen: 32.82 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY003906.D
Acq: 12 Jan 2021 17:16

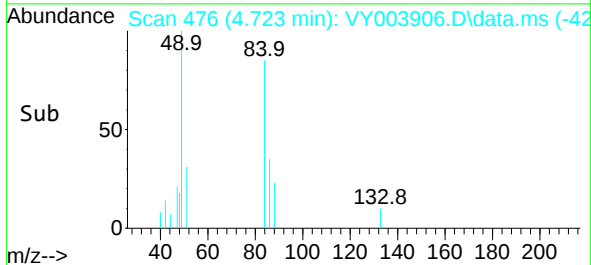
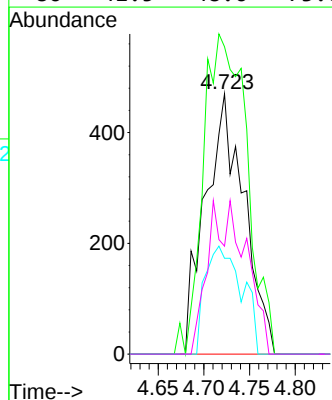
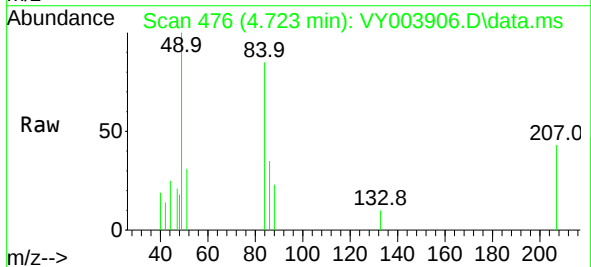
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011121

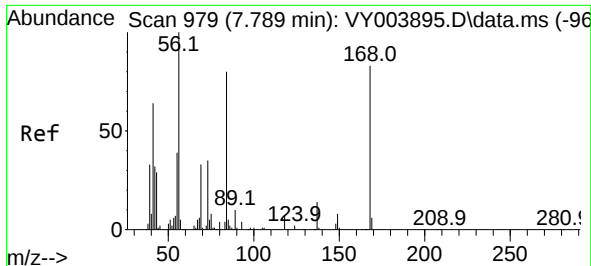
Tgt Ion: 43 Resp: 5192
Ion Ratio Lower Upper
43 100
58 26.0 24.5 36.7



#20
Methylene Chloride
Concen: 2.34 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY003906.D
Acq: 12 Jan 2021 17:16

Tgt Ion: 84 Resp: 1387
Ion Ratio Lower Upper
84 100
49 118.1 98.0 147.0
51 36.8 30.5 45.7
86 41.5 48.6 73.0#

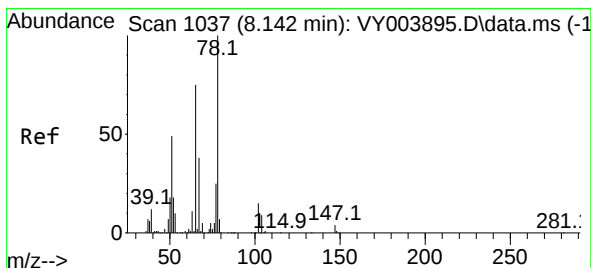
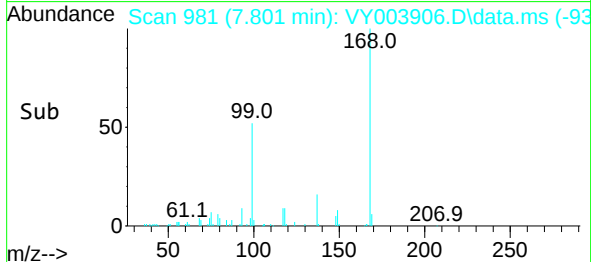
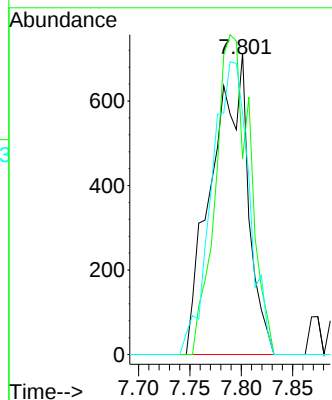
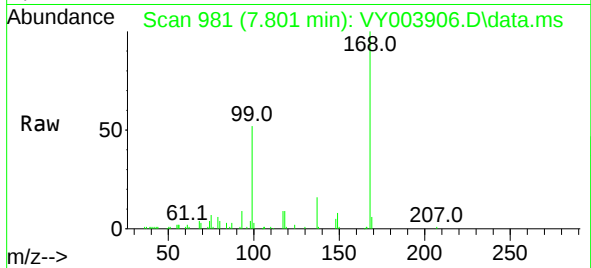




#31
Cyclohexane
Concen: 1.62 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY003906.D
Acq: 12 Jan 2021 17:16

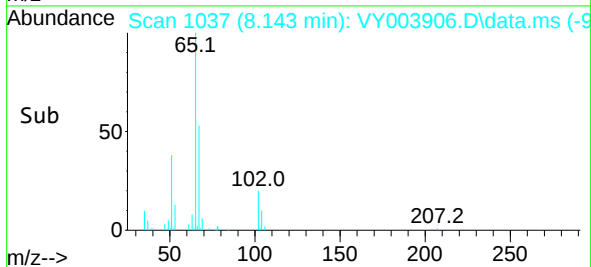
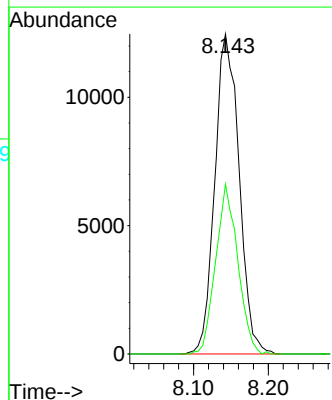
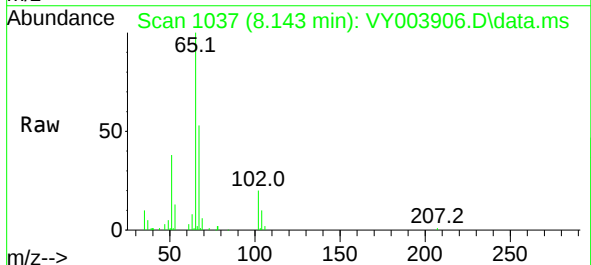
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011121

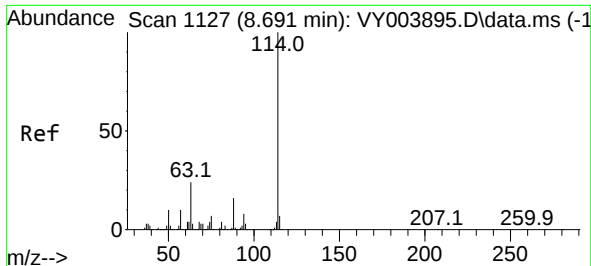
Tgt Ion: 56 Resp: 1742
Ion Ratio Lower Upper
56 100
69 65.1 26.2 39.2#
84 79.9 68.2 102.2



#33
1,2-Dichloroethane-d4
Concen: 44.01 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003906.D
Acq: 12 Jan 2021 17:16

Tgt Ion: 65 Resp: 28156
Ion Ratio Lower Upper
65 100
67 48.5 0.0 102.2

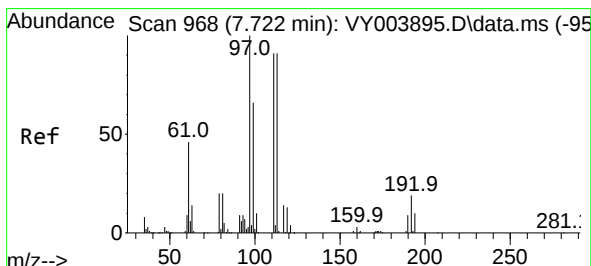
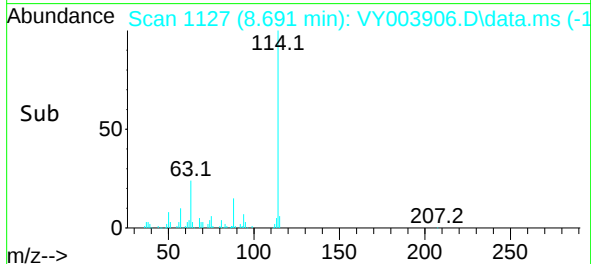
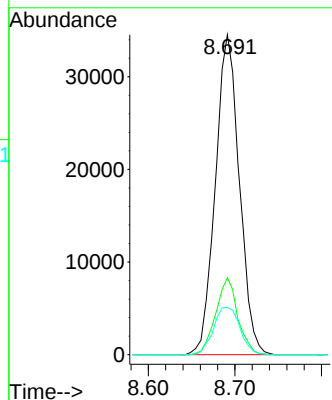
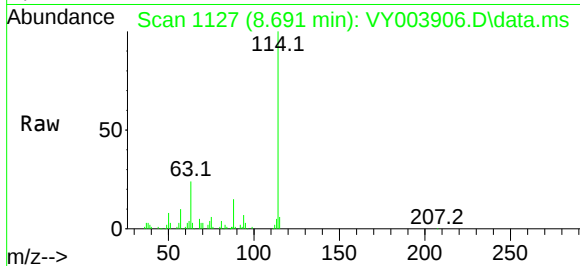




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003906.D
Acq: 12 Jan 2021 17:16

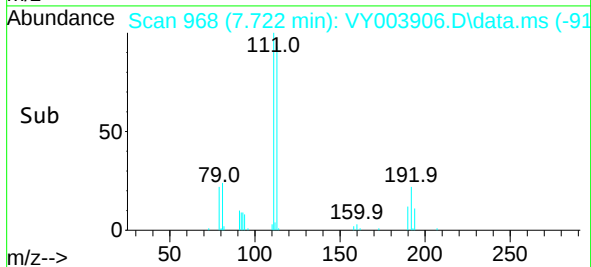
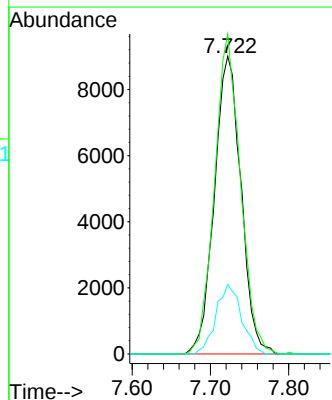
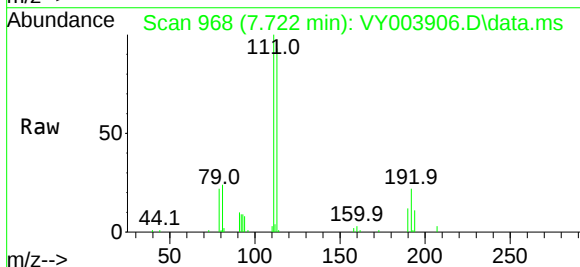
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011121

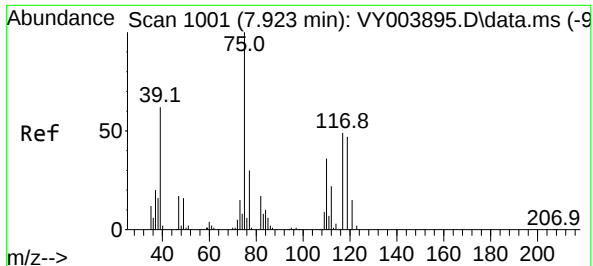
Tgt Ion:	114	Resp:	66347
Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	38.8
88	14.8	0.0	31.4



#35
Dibromofluoromethane
Concen: 39.17 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003906.D
Acq: 12 Jan 2021 17:16

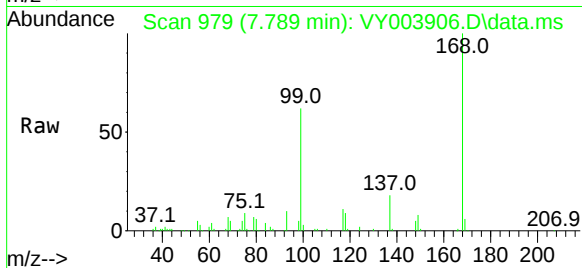
Tgt Ion:	113	Resp:	21236
Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.0	124.6
192	22.5	19.8	29.6



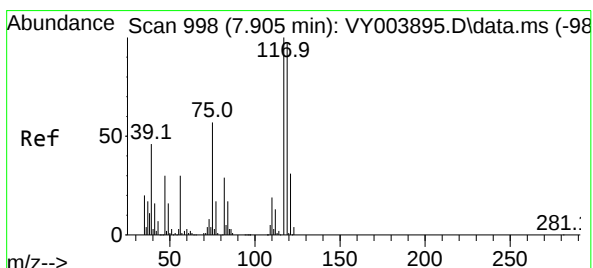
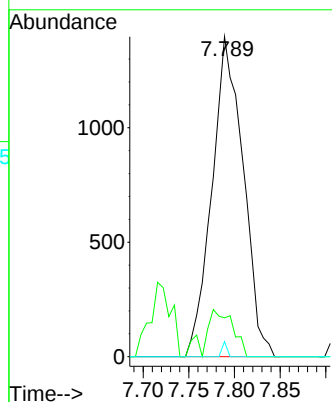
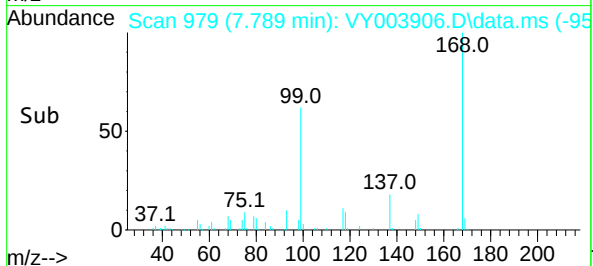


#36
1,1-Dichloropropene
Concen: 3.66 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY003906.D
Acq: 12 Jan 2021 17:16

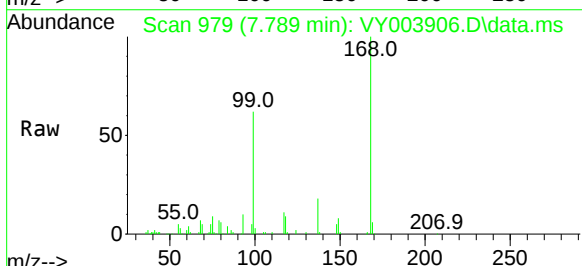
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MSVOA_Y
ClientSampleId :
NB-07-011121



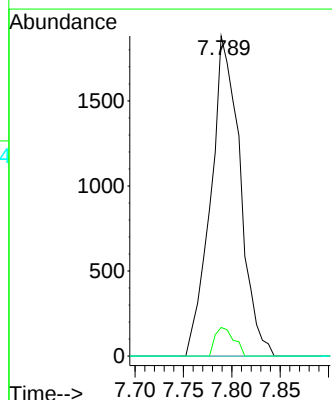
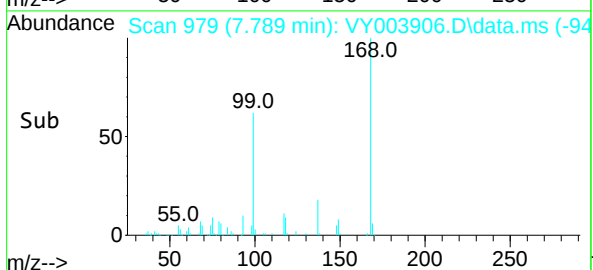
Tgt Ion: 75 Resp: 3325
Ion Ratio Lower Upper
75 100
110 13.1 17.7 53.1#
77 0.7 24.8 37.2#

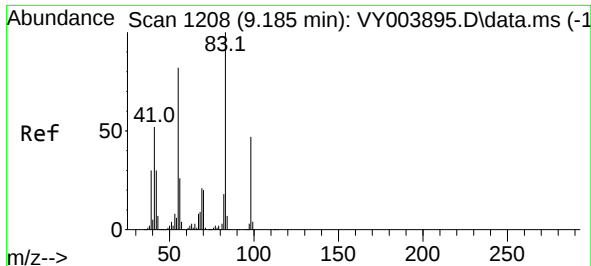


#38
Carbon Tetrachloride
Concen: 4.12 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY003906.D
Acq: 12 Jan 2021 17:16



Tgt Ion: 117 Resp: 3965
Ion Ratio Lower Upper
117 100
119 8.9 78.6 118.0#
121 0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 1.55 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.006 min

Lab File: VY003906.D

Acq: 12 Jan 2021 17:16

Tgt Ion: 83 Resp: 1698

Ion Ratio Lower Upper

83 100

55 76.9 63.9 95.9

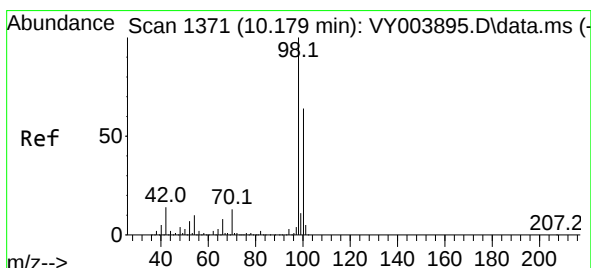
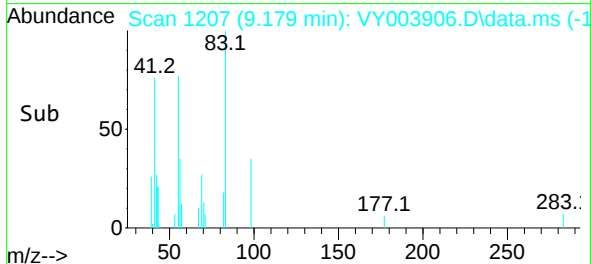
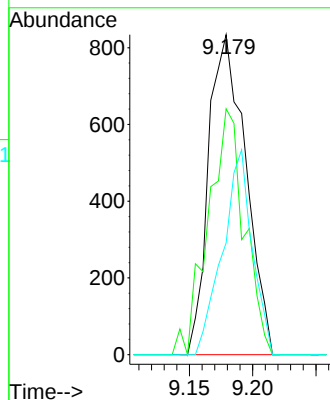
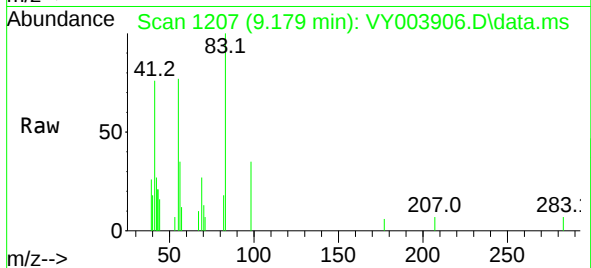
98 34.9 40.2 60.2#

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-011121



#50

Toluene-d8

Concen: 37.01 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY003906.D

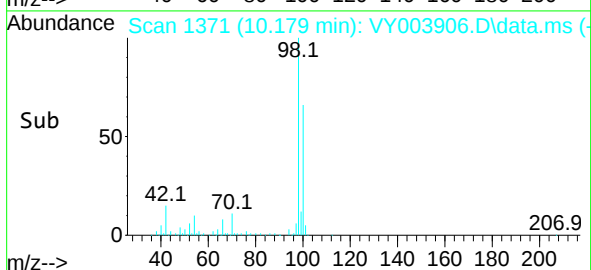
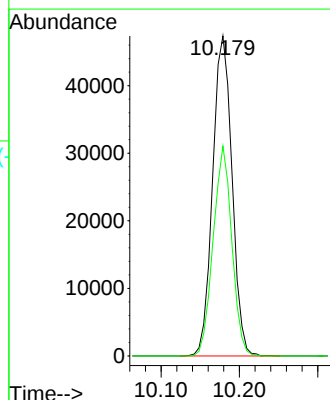
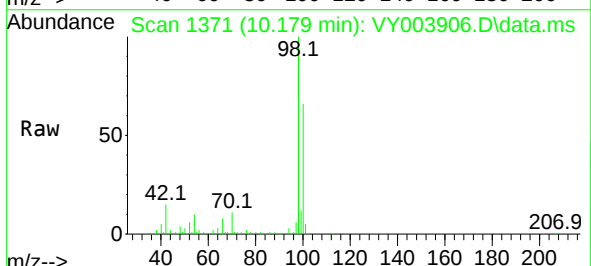
Acq: 12 Jan 2021 17:16

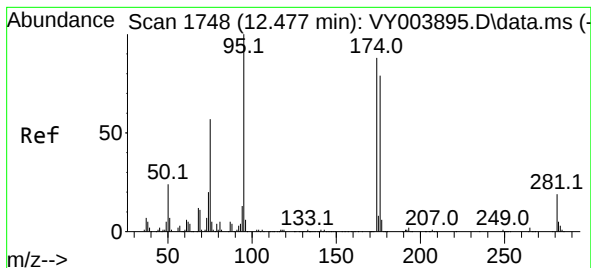
Tgt Ion: 98 Resp: 81332

Ion Ratio Lower Upper

98 100

100 63.1 51.4 77.0

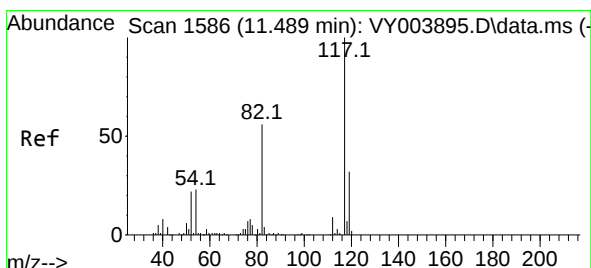
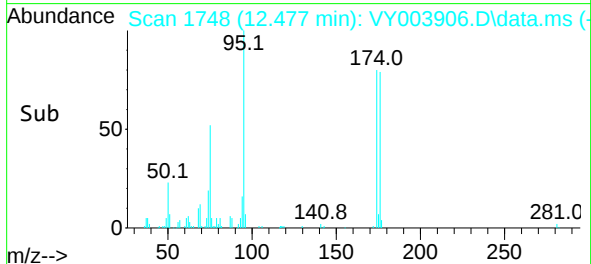
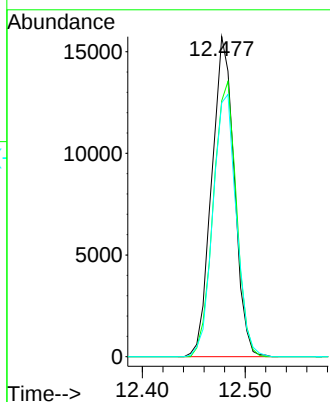
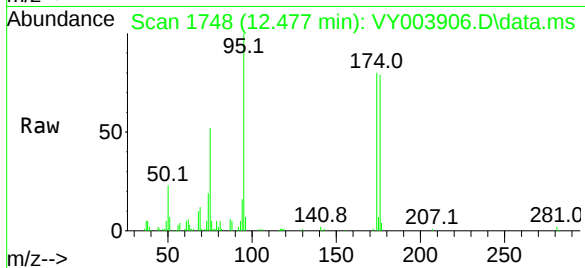




#62
4-Bromofluorobenzene
Concen: 29.86 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003906.D
Acq: 12 Jan 2021 17:16

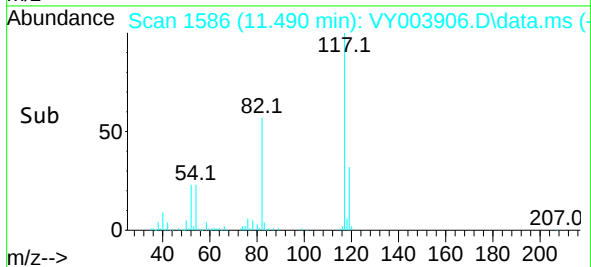
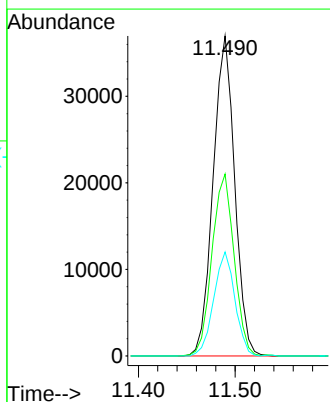
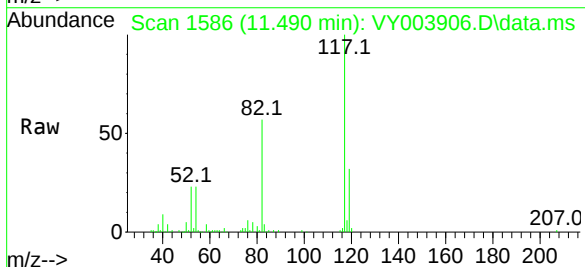
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011121

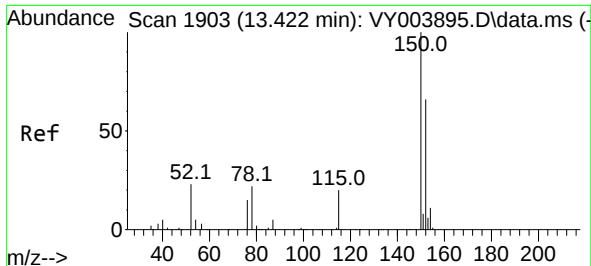
Tgt Ion:	95	Resp:	23960
Ion Ratio	Lower	Upper	
95	100		
174	87.7	0.0	193.2
176	84.9	0.0	187.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003906.D
Acq: 12 Jan 2021 17:16

Tgt Ion:	117	Resp:	57249
Ion Ratio	Lower	Upper	
117	100		
82	56.8	43.9	65.9
119	32.5	26.2	39.4

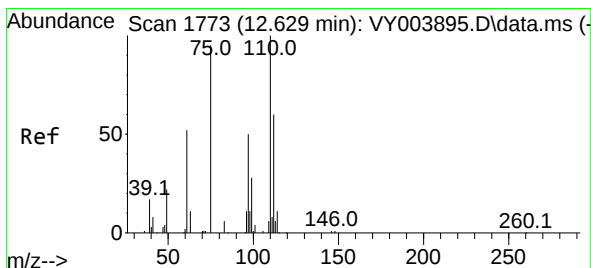
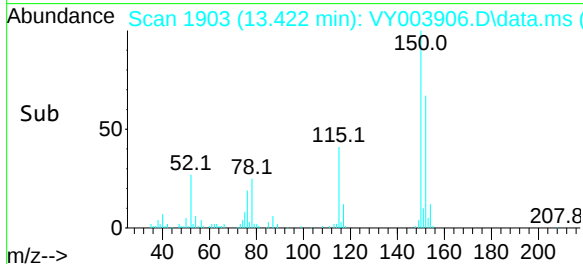
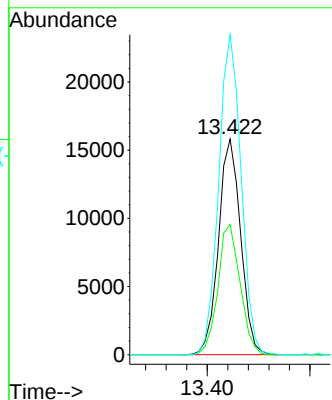
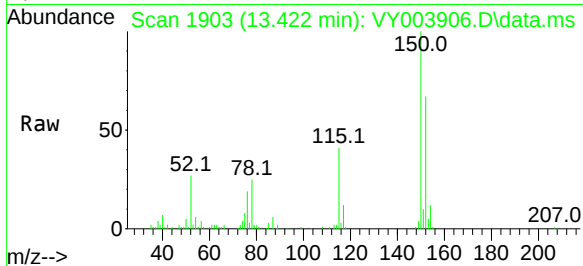




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003906.D
Acq: 12 Jan 2021 17:16

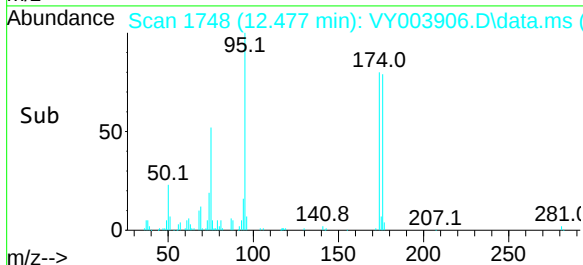
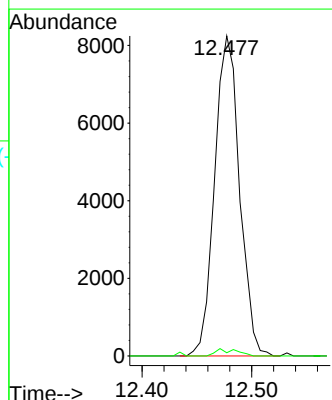
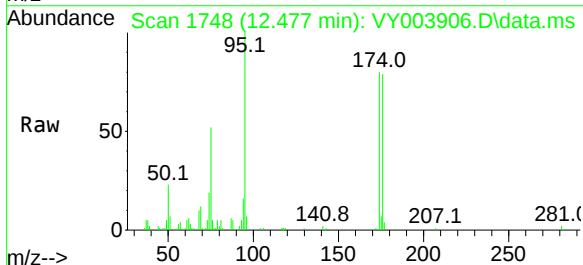
Instrument :
MSVOA_Y
ClientSampled :
NB-07-011121

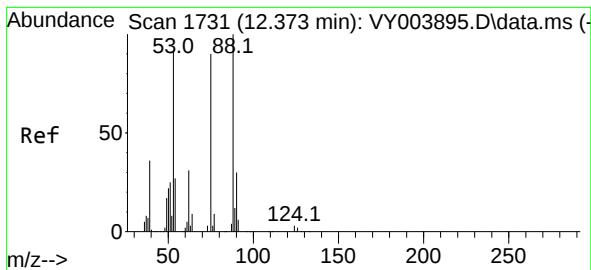
Tgt Ion:152 Resp: 23604
Ion Ratio Lower Upper
152 100
115 60.5 27.9 83.7
150 150.2 0.0 356.4



#76
1,2,3-Trichloropropane
Concen: 40.88 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY003906.D
Acq: 12 Jan 2021 17:16

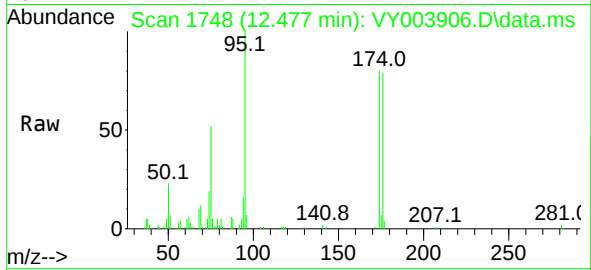
Tgt Ion: 75 Resp: 13048
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.61 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.104 min
 Lab File: VY003906.D
 Acq: 12 Jan 2021 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-011121



Tgt Ion: 75 Resp: 13048
 Ion Ratio Lower Upper
 75 100
 53 0.4 75.0 112.6#
 89 0.0 0.0 0.0

