

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
 Data File : VN061112.D
 Acq On : 20 Apr 2020 19:15
 Operator : JC/MD
 Sample : L2330-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 21 04:02:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	143046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	244204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	230255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	101653	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	98803	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
35) Dibromofluoromethane	7.56	113	75139	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
50) Toluene-d8	10.08	98	302025	56.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.08%	
62) 4-Bromofluorobenzene	12.40	95	108570	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	

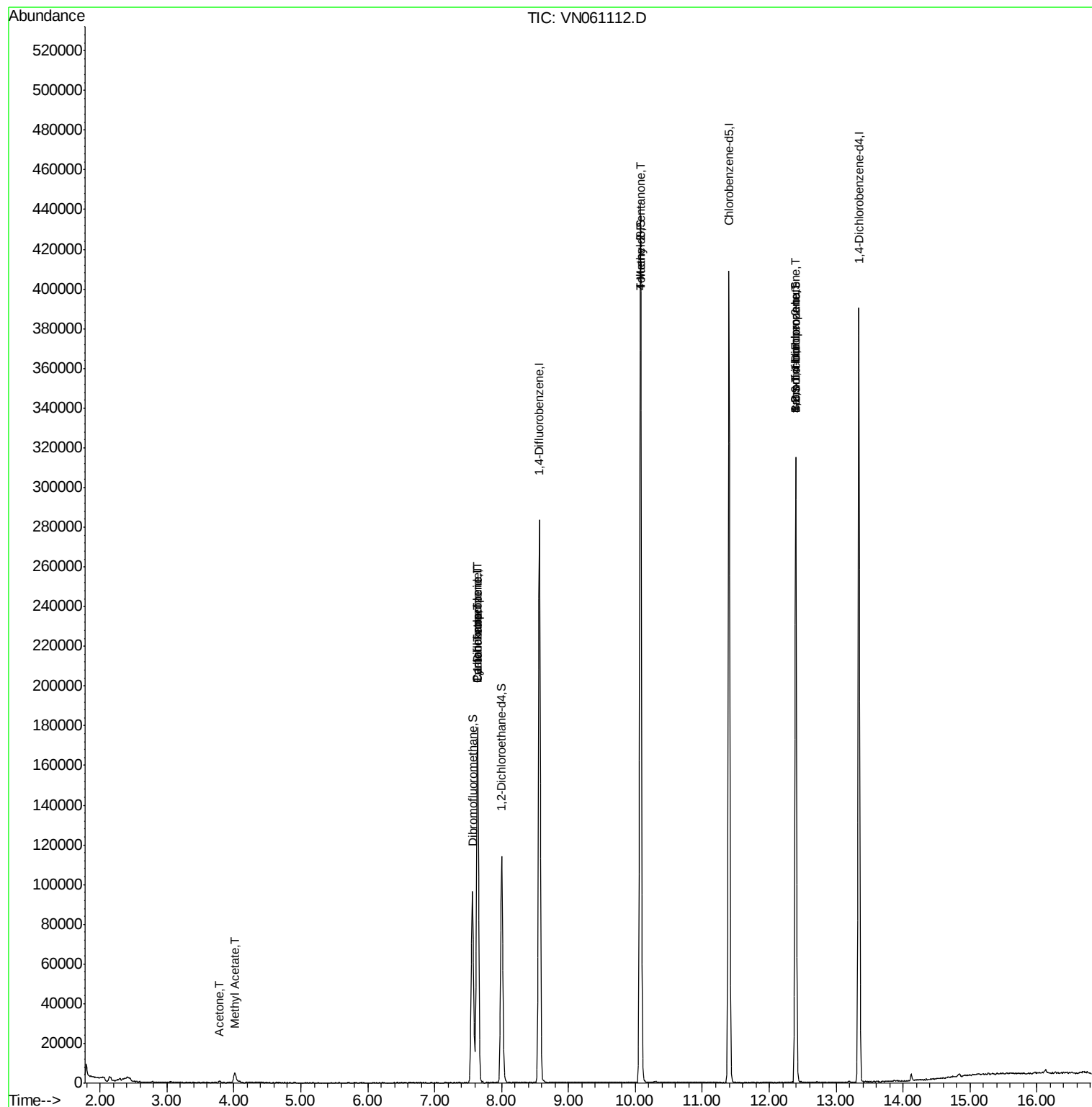
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	1472	1.827	ug/l #	88
18) Methyl Acetate	4.01	43	1992	0.789	ug/l #	54
31) Cyclohexane	7.64	56	3238	0.950	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11630	4.615	ug/l #	50
38) Carbon Tetrachloride	7.64	117	14094	6.719	ug/l #	15
51) 4-Methyl-2-Pentanone	10.08	43	1506	0.587	ug/l #	1
71) Bromoform	12.40	173	419	0.330	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	56491	25.265	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	56491	62.318	ug/l #	12

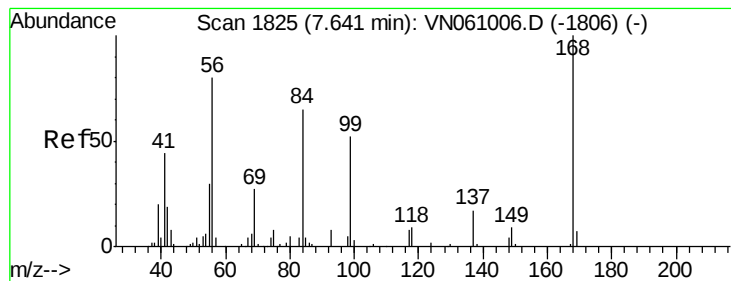
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061112.D

Acq: 20 Apr 2020 19:15

Instrument :

MSVOA_N

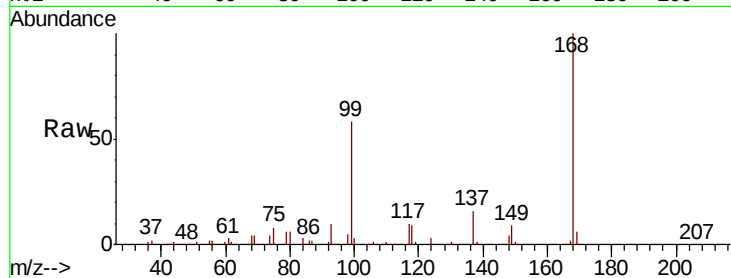
ClientSampled :

Tot Ion:168 Resp: 143046

Ion Ratio Lower Upper

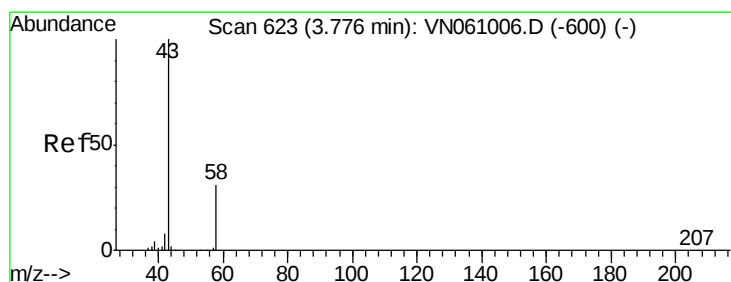
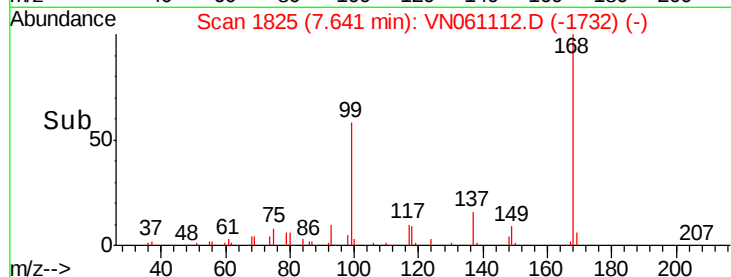
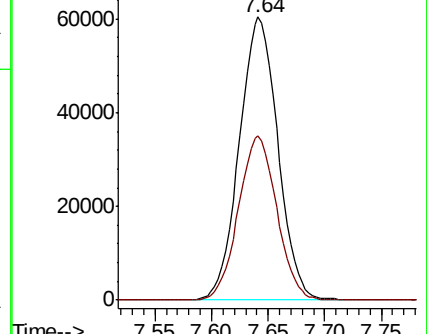
168 100

99 58.1 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 1.827 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN061112.D

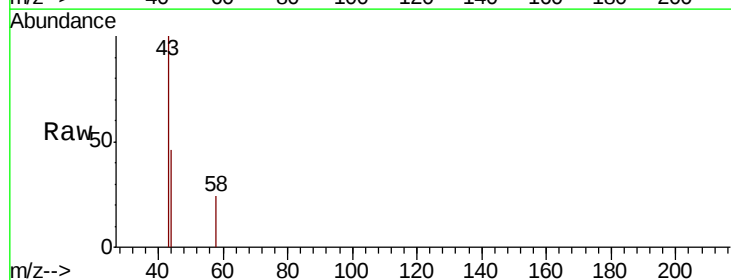
Acq: 20 Apr 2020 19:15

Tgt Ion: 43 Resp: 1472

Ion Ratio Lower Upper

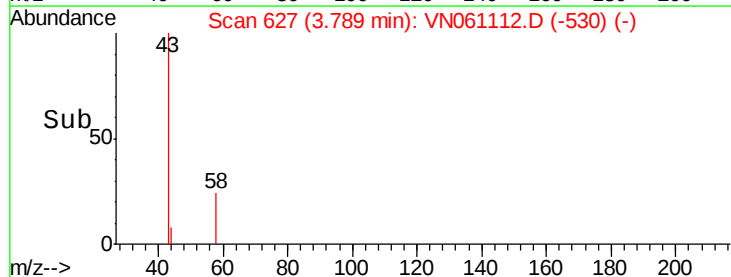
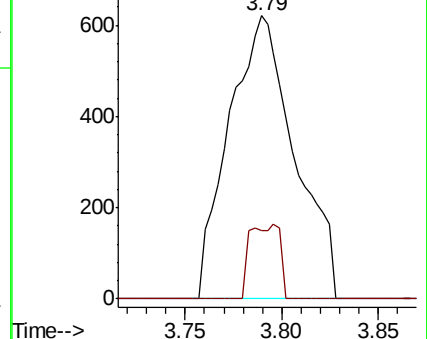
43 100

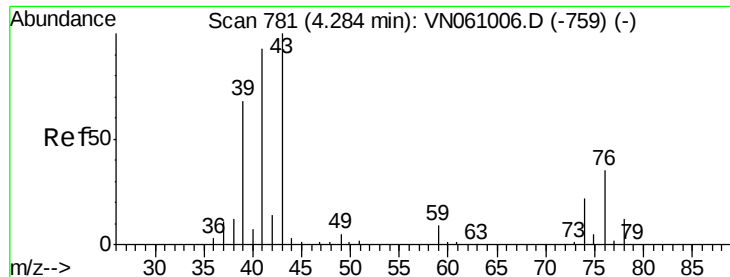
58 24.2 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

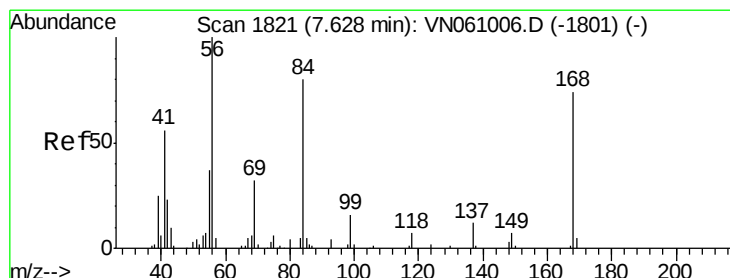
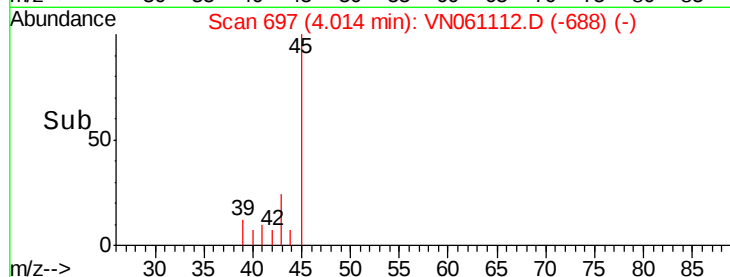
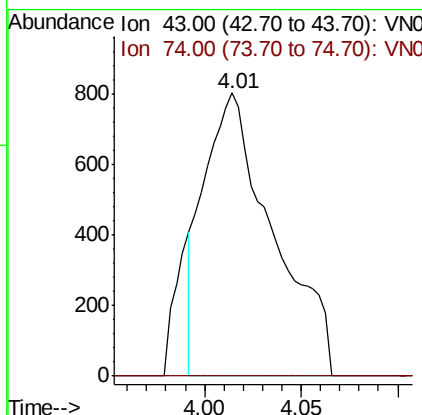
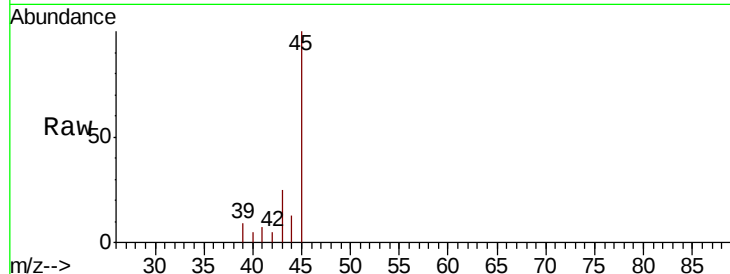




#18
Methvl Acetate
Concen: 0.789 ug/l
RT: 4.01 min Scan# 697
Delta R.T. -0.27 min
Lab File: VN061112.D
Acq: 20 Apr 2020 19:15

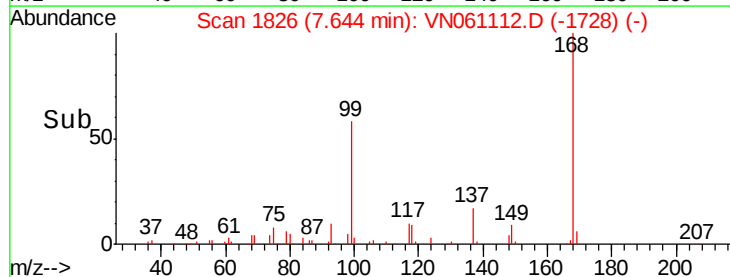
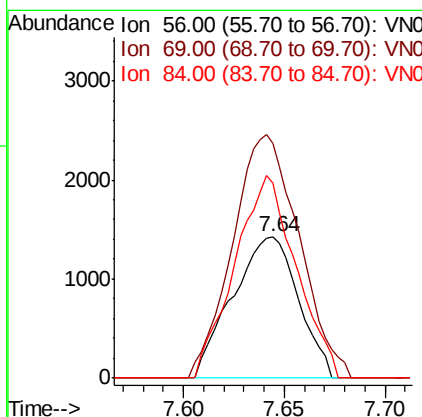
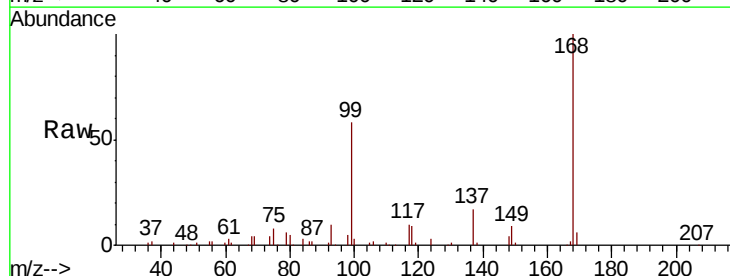
Instrument :
MSVOA_N
ClientSampleId :

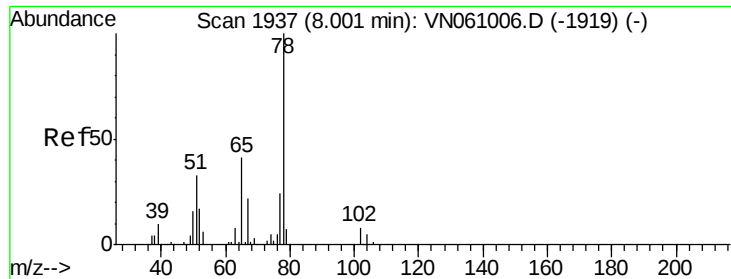
Tot Ion: 43 Resp: 1992
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#31
Cyclohexane
Concen: 0.950 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.02 min
Lab File: VN061112.D
Acq: 20 Apr 2020 19:15

Tgt Ion: 56 Resp: 3238
Ion Ratio Lower Upper
56 100
69 166.1 25.6 38.4#
84 137.2 63.4 95.2#





#33

1,2-Dichloroethane-d4

Concen: 53.985 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061112.D

Acq: 20 Apr 2020 19:15

Instrument :

MSVOA_N

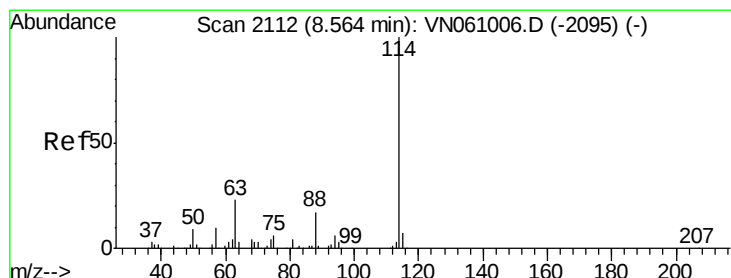
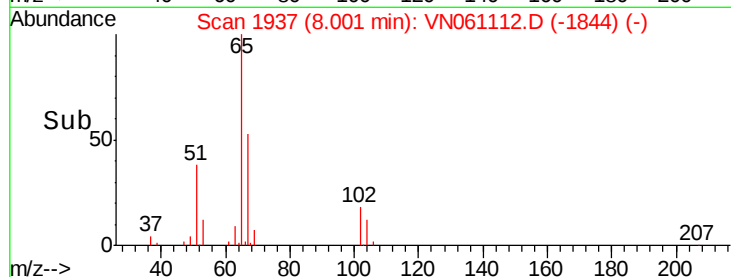
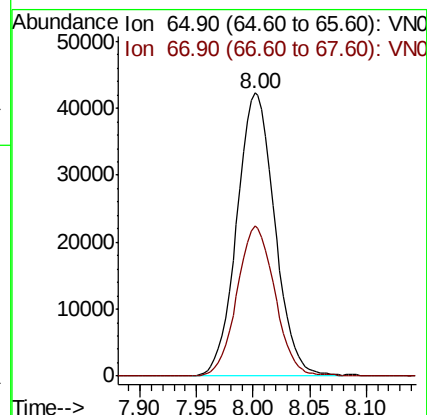
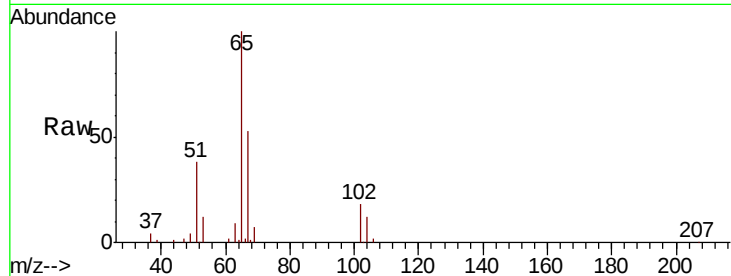
ClientSampleId :

Tot Ion: 65 Resp: 98803

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061112.D

Acq: 20 Apr 2020 19:15

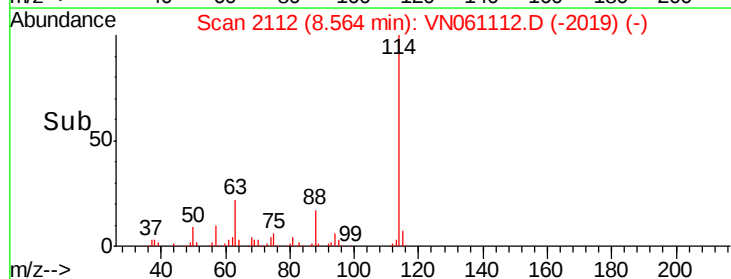
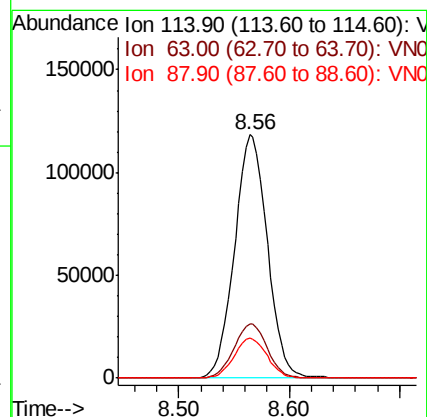
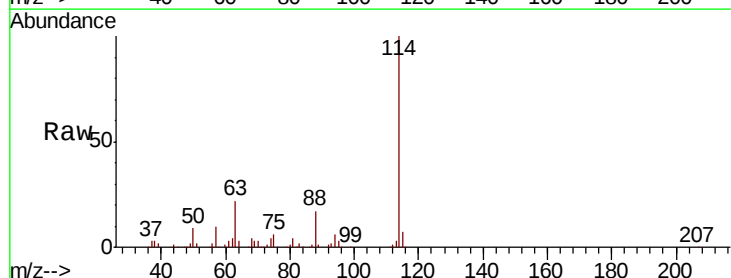
Tgt Ion: 114 Resp: 244204

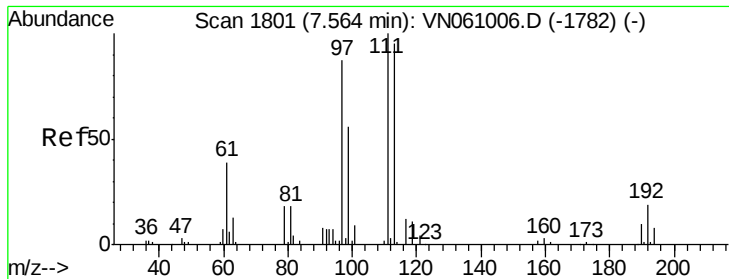
Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.2

88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.688 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061112.D

Acq: 20 Apr 2020 19:15

Instrument :

MSVOA_N

ClientSampleId :

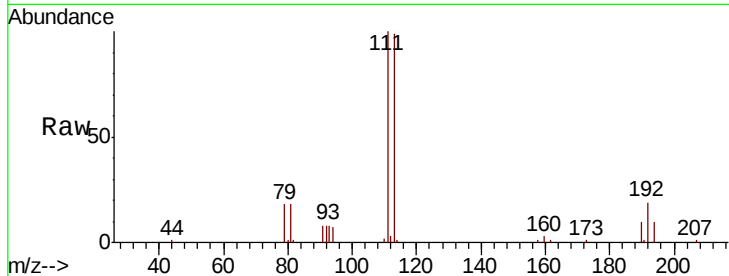
Tot Ion:113 Resp: 75139

Ion Ratio Lower Upper

113 100

111 101.2 83.4 125.2

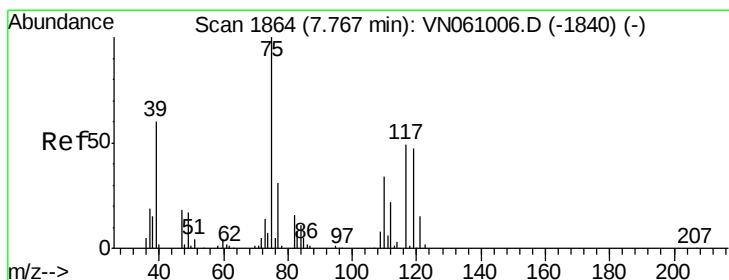
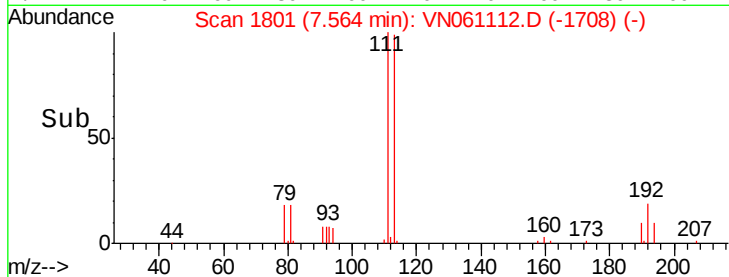
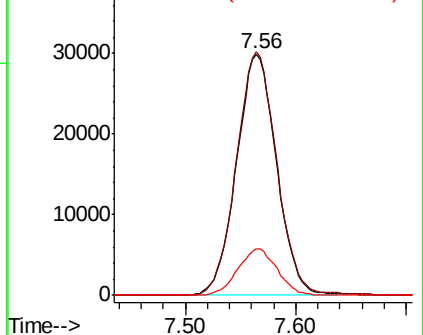
192 18.8 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.615 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN061112.D

Acq: 20 Apr 2020 19:15

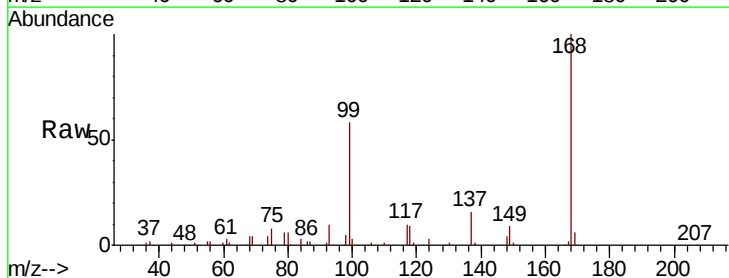
Tgt Ion: 75 Resp: 11630

Ion Ratio Lower Upper

75 100

110 7.8 16.8 50.3#

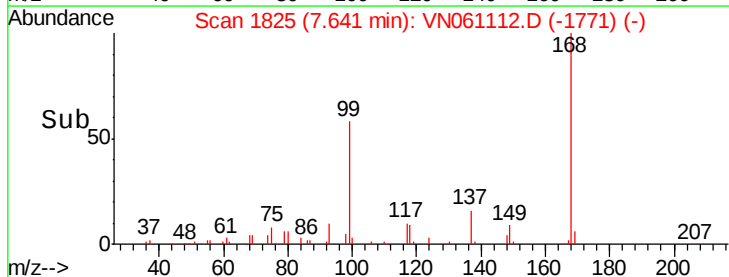
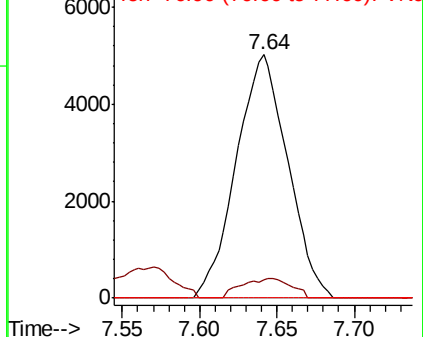
77 0.0 24.7 37.1#

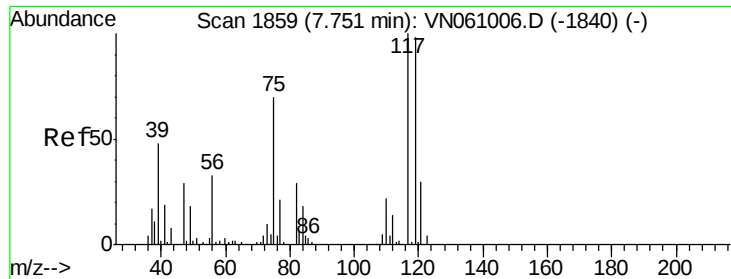


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#38

Carbon Tetrachloride

Concen: 6.719 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN061112.D

Acq: 20 Apr 2020 19:15

Instrument :

MSVOA_N

ClientSampled :

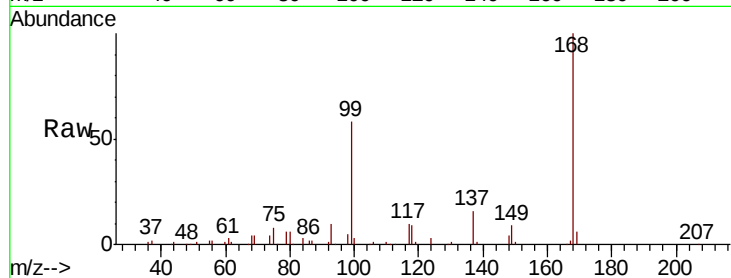
Tot Ion:117 Resp: 14094

Ion Ratio Lower Upper

117 100

119 5.2 78.1 117.1#

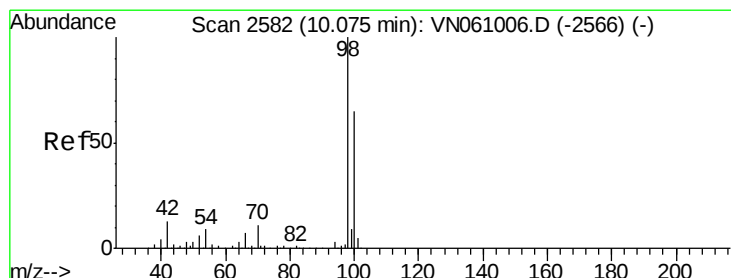
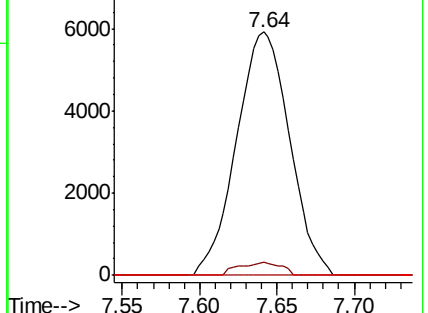
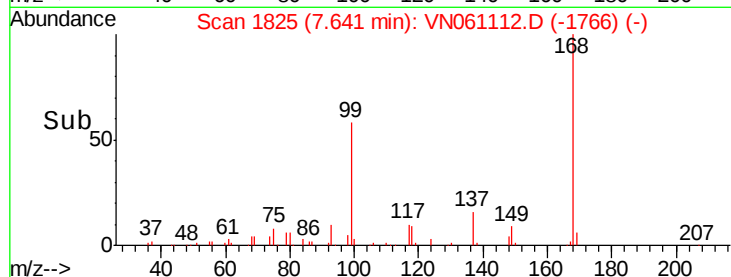
121 0.0 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 56.045 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061112.D

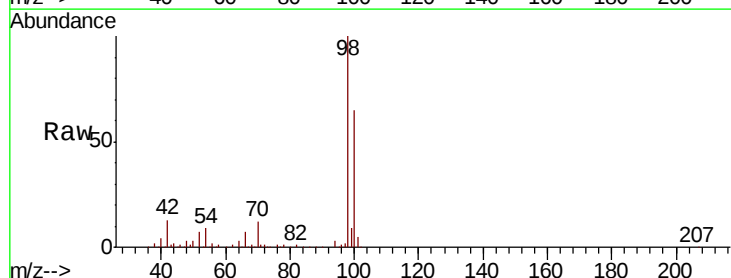
Acq: 20 Apr 2020 19:15

Tgt Ion: 98 Resp: 302025

Ion Ratio Lower Upper

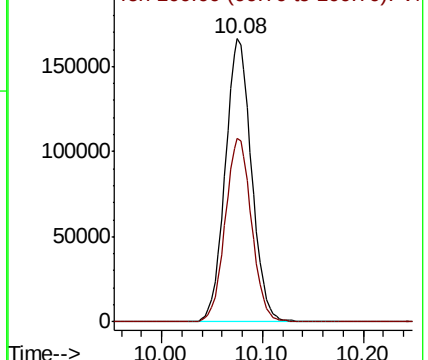
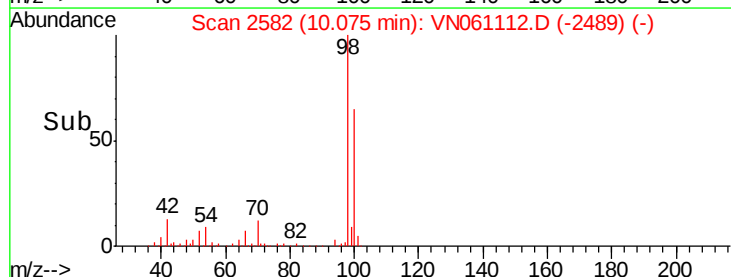
98 100

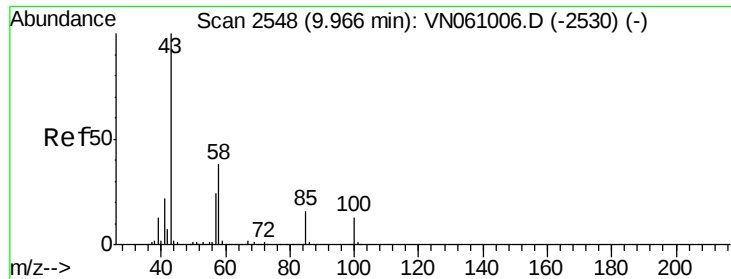
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.587 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.11 min

Lab File: VN061112.D

Acq: 20 Apr 2020 19:15

Instrument :

MSVOA_N

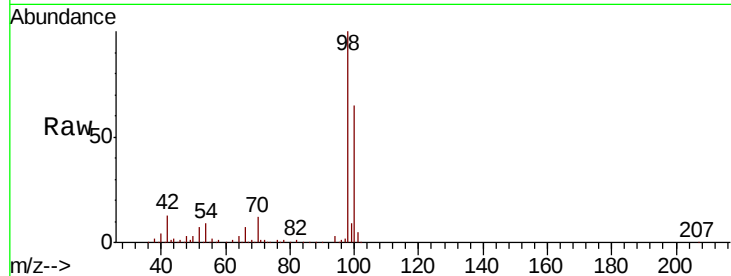
ClientSampleId :

Tot Ion: 43 Resp: 1506

Ion Ratio Lower Upper

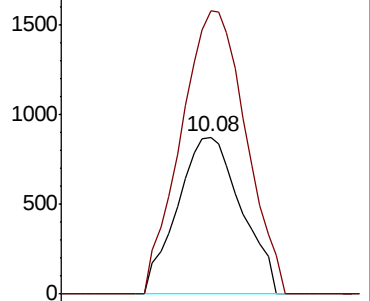
43 100

58 183.3 30.3 45.5#

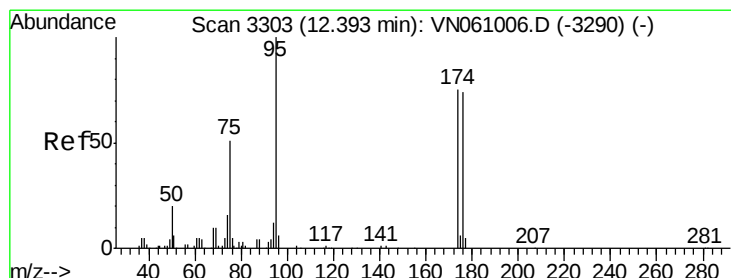
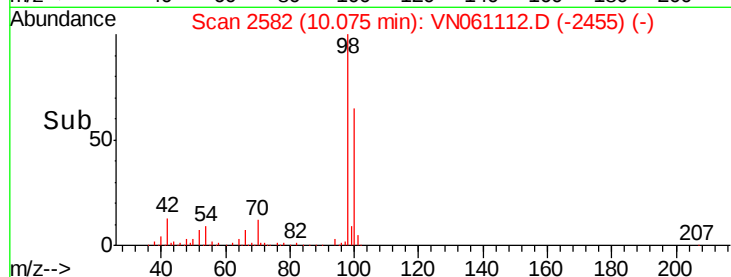


Abundance Ion 43.00 (42.70 to 43.70): VN061112.D (-2530) (-)

Ion 58.00 (57.70 to 58.70): VN061112.D (-2530) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 51.403 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061112.D

Acq: 20 Apr 2020 19:15

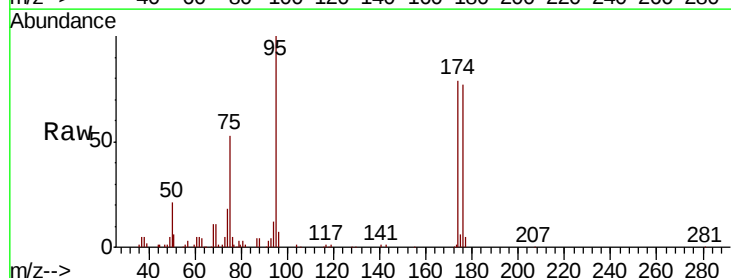
Tgt Ion: 95 Resp: 108570

Ion Ratio Lower Upper

95 100

174 78.3 0.0 151.2

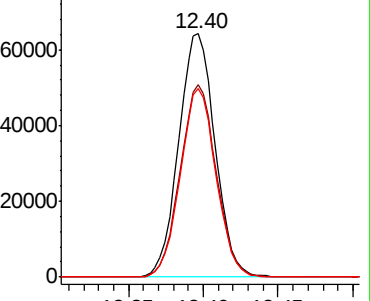
176 76.0 0.0 148.2



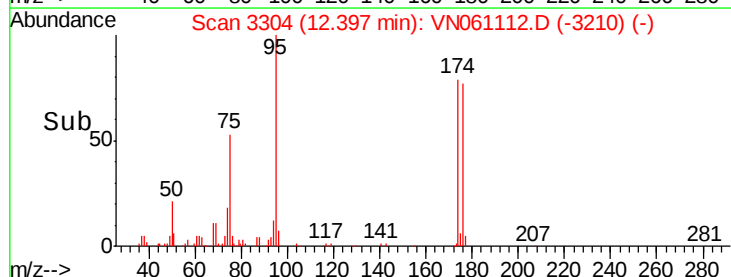
Abundance Ion 94.90 (94.60 to 95.60): VN061112.D (-3290) (-)

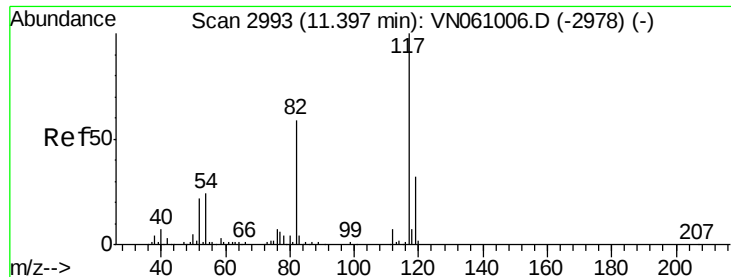
Ion 173.80 (173.50 to 174.50): VN061112.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN061112.D (-3290) (-)



Time-->

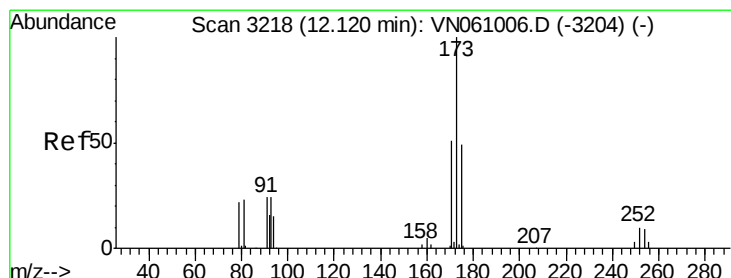
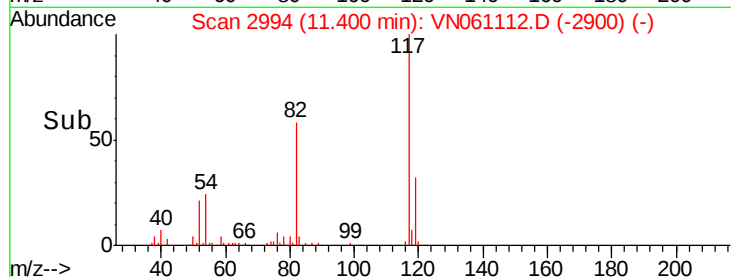
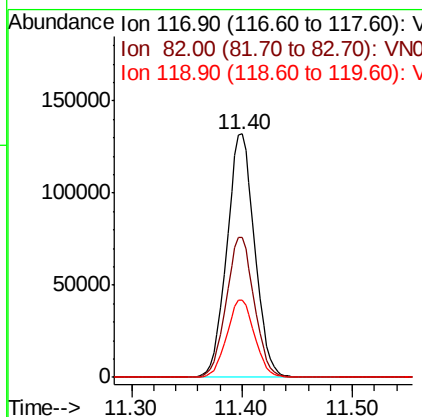
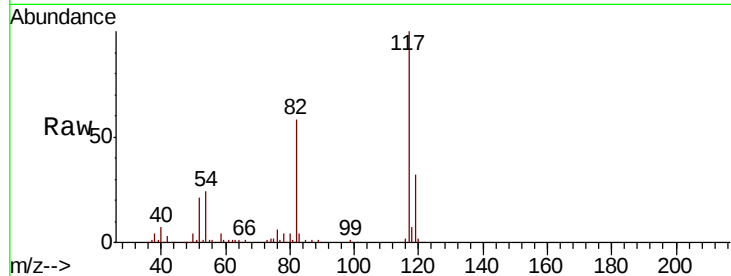




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN061112.D
Acq: 20 Apr 2020 19:15

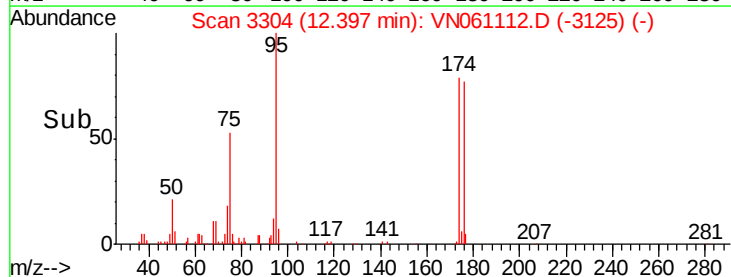
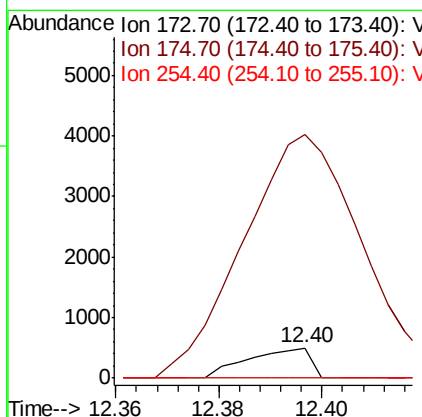
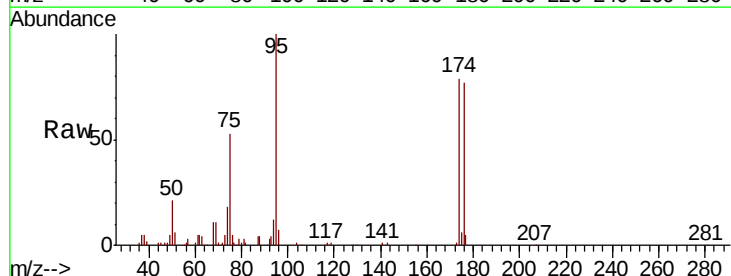
Instrument :
MSVOA_N
ClientSampleId :

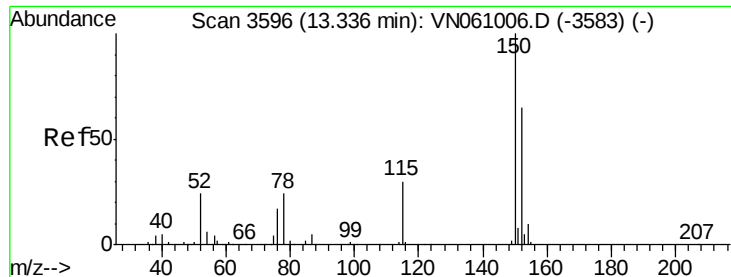
Tot Ion:117 Resp: 230255
Ion Ratio Lower Upper
117 100
82 57.6 47.1 70.7
119 31.9 25.7 38.5



#71
Bromoform
Concen: 0.330 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.28 min
Lab File: VN061112.D
Acq: 20 Apr 2020 19:15

Tgt Ion:173 Resp: 419
Ion Ratio Lower Upper
173 100
175 1309.1 24.5 73.5#
254 0.0 0.0 0.0



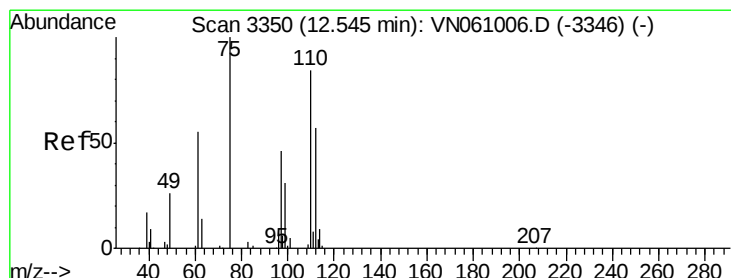
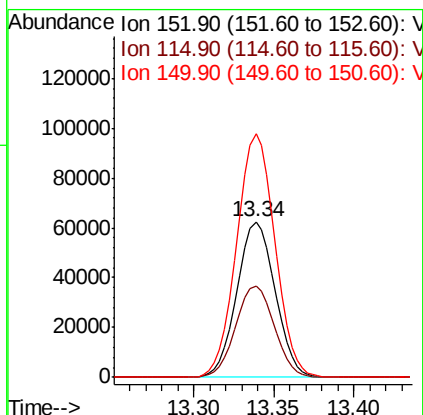
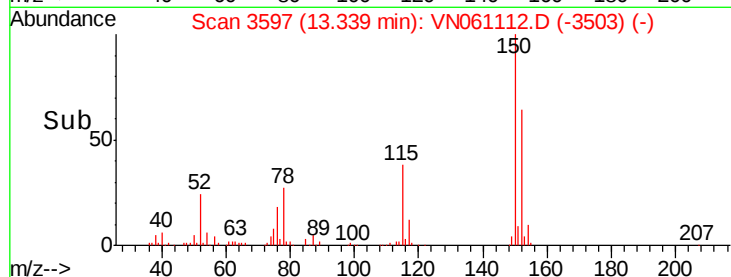
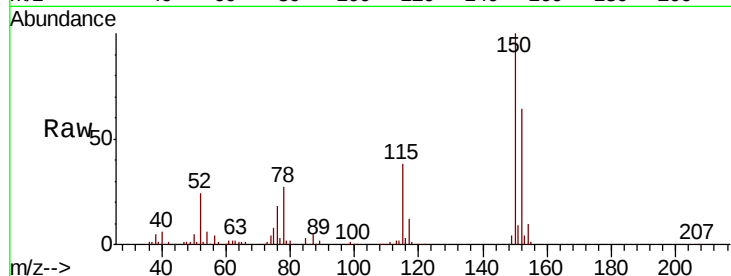


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061112.D
Acq: 20 Apr 2020 19:15

Instrument :
MSVOA_N
ClientSampleId :

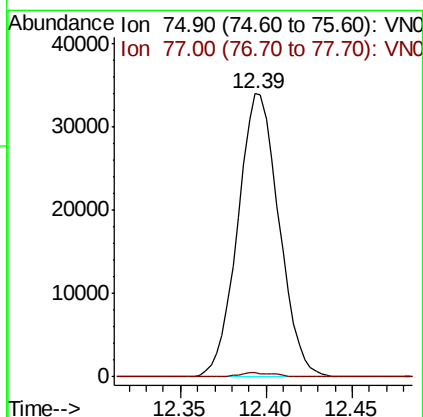
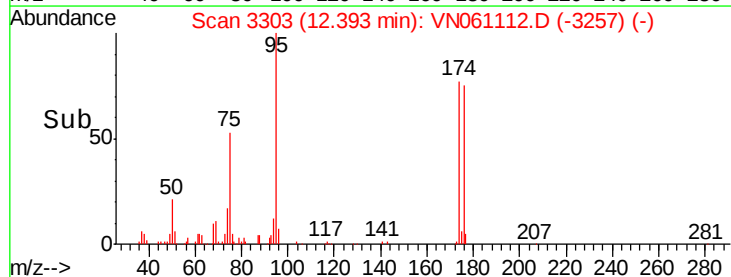
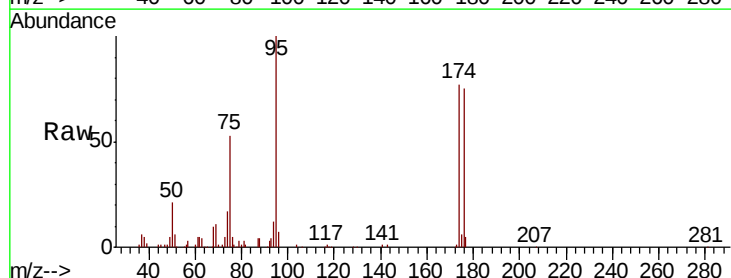
Tot Ion:152 Resp: 101653
Ion Ratio Lower Upper
152 100
115 59.4 30.8 92.4
150 156.5 0.0 349.0

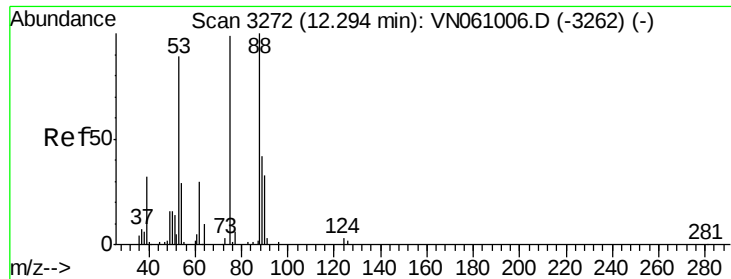


#76

1,2,3-Trichloropropane
Concen: 25.265 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.15 min
Lab File: VN061112.D
Acq: 20 Apr 2020 19:15

Tgt Ion: 75 Resp: 56491
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.318 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.10 min
 Lab File: VN061112.D
 Acq: 20 Apr 2020 19:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 56491
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 34.6 52.0#

