

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061618.D
 Acq On : 2 Jun 2020 14:11
 Operator : JC/MD
 Sample : L2800-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 00:47:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	311729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	533932	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	523292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	239515	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	184287	49.62	ug/l	0.00
Spiked Amount						
			Recovery	=	99.24%	
35) Dibromofluoromethane	7.55	113	151586	55.97	ug/l	0.00
Spiked Amount						
			Recovery	=	111.94%	
50) Toluene-d8	10.06	98	649194	51.72	ug/l	0.00
Spiked Amount						
			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.38	95	244962	53.49	ug/l	0.00
Spiked Amount						
			Recovery	=	106.98%	

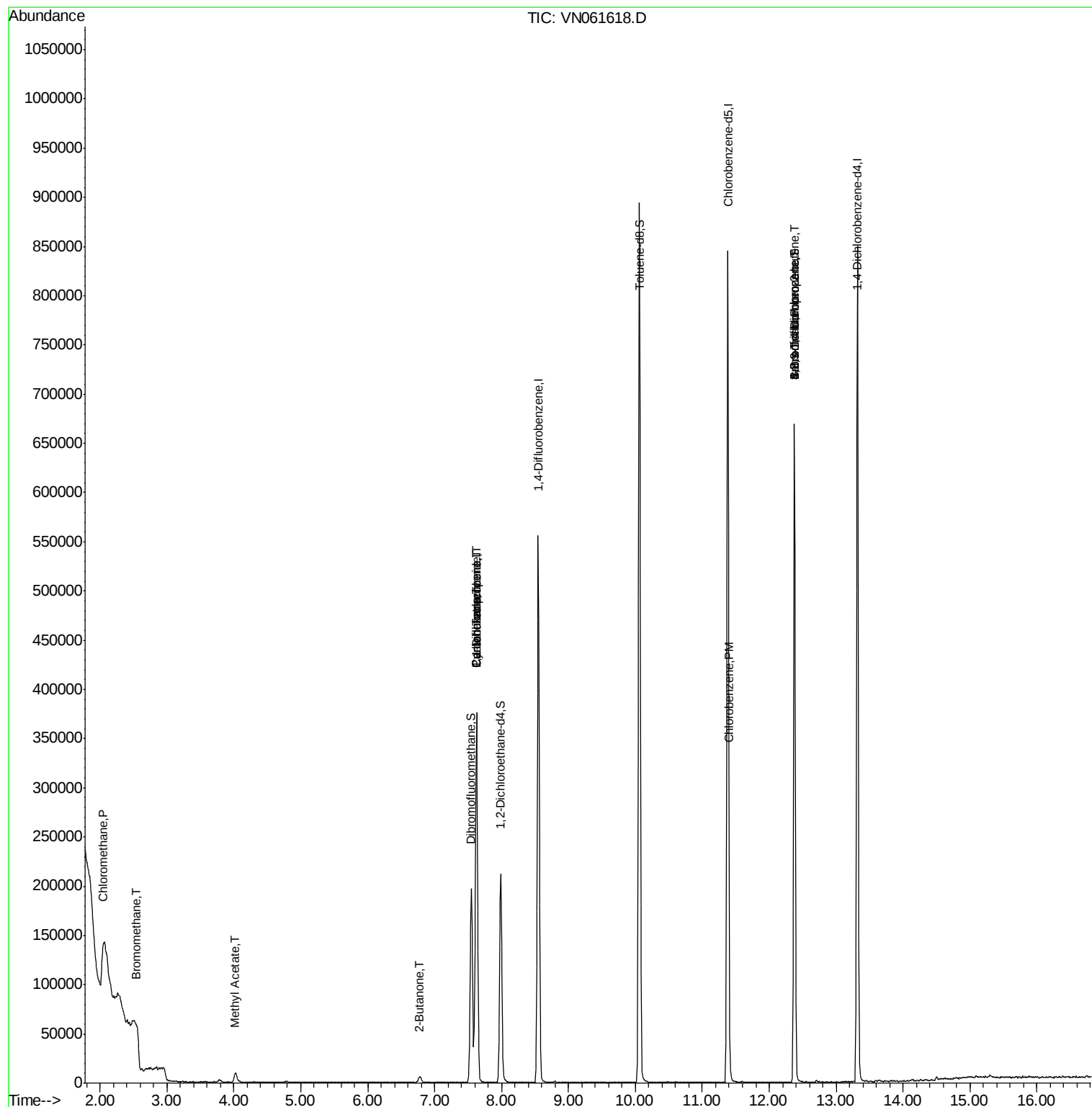
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1216	0.320	ug/l	94
5) Bromomethane	2.54	94	669	0.224	ug/l	93
16) Acetone	3.78	43	4389	Below Cal		92
18) Methyl Acetate	4.02	43	4840	1.440	ug/l #	46
25) 2-Butanone	6.78	43	487	0.277	ug/l #	42
31) Cyclohexane	7.63	56	5722	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	22715	4.806	ug/l #	48
38) Carbon Tetrachloride	7.63	117	30880	6.773	ug/l #	15
65) Chlorobenzene	11.41	112	4035	0.371	ug/l	96
71) Bromoform	12.38	173	1022	0.327	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	118286	27.159	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	118286	69.453	ug/l #	15

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061618.D

Acq: 2 Jun 2020 14:11

Instrument :

MSVOA_N

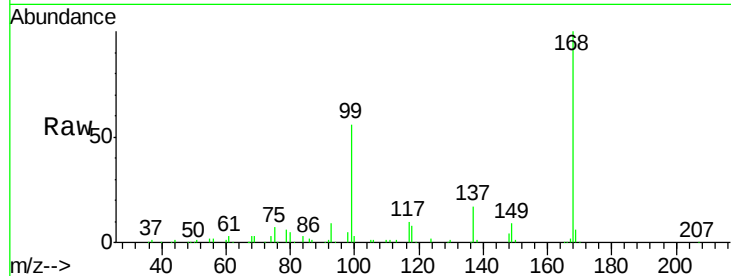
ClientSampleId :

Tot Ion:168 Resp: 311729

Ion Ratio Lower Upper

168 100

99 56.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VN061618.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN061618.D (-1727) (-)

7.63

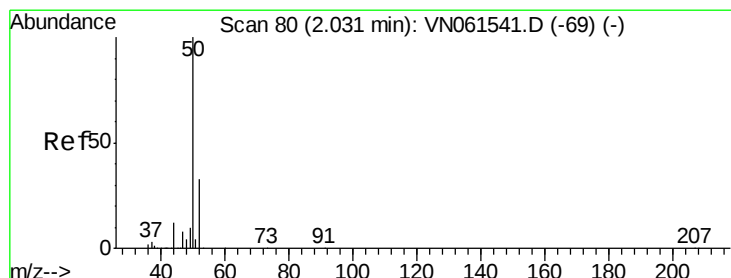
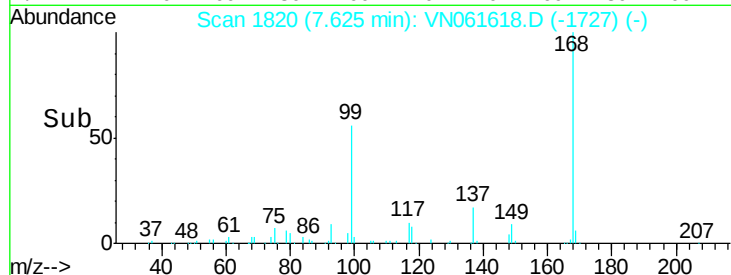
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.320 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061618.D

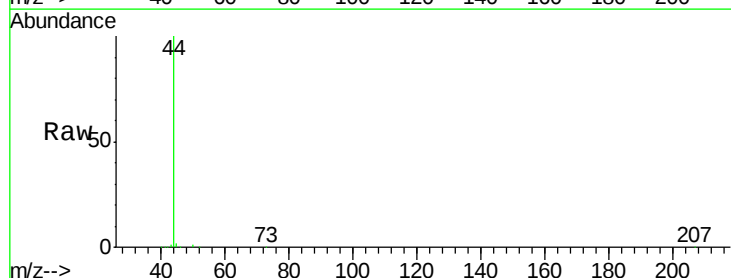
Acq: 2 Jun 2020 14:11

Tgt Ion: 50 Resp: 1216

Ion Ratio Lower Upper

50 100

52 36.8 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN061618.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN061618.D (-1) (-)

2.03

1000

800

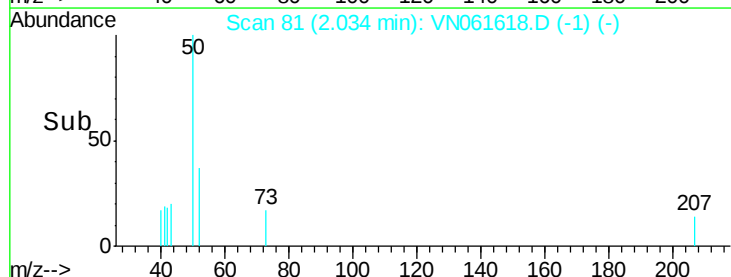
600

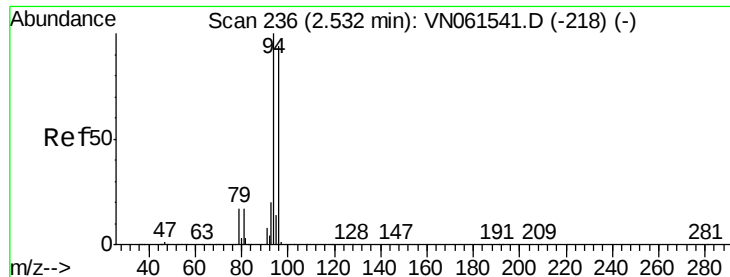
400

200

0

Time--> 2.00 2.05





#5

Bromomethane

Concen: 0.224 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN061618.D

Acq: 2 Jun 2020 14:11

Instrument :

MSVOA_N

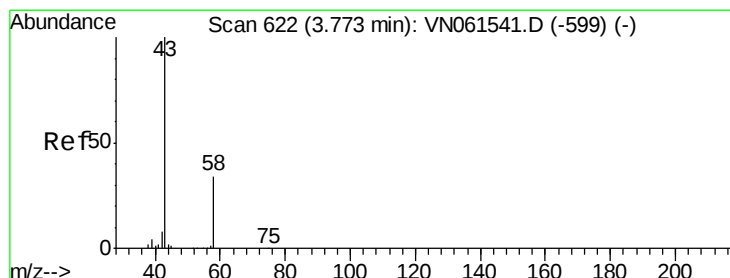
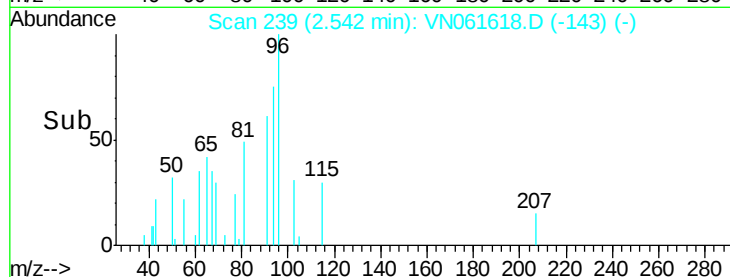
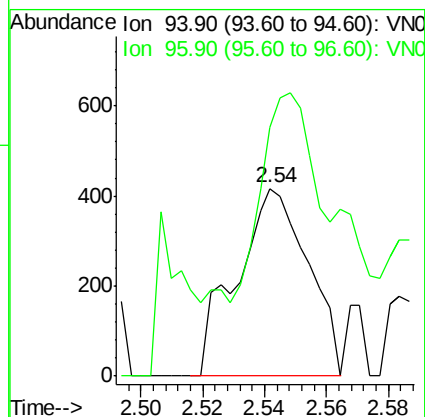
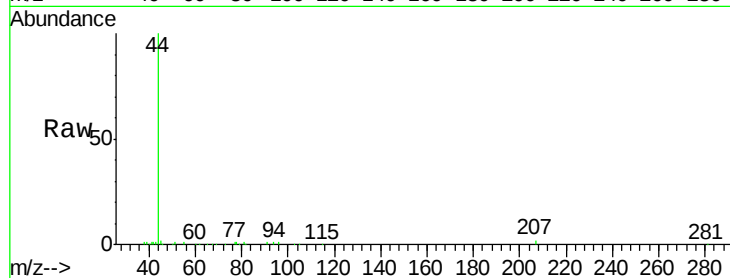
ClientSampled :

Tot Ion: 94 Resp: 669

Ion Ratio Lower Upper

94 100

96 86.5 74.8 112.2



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061618.D

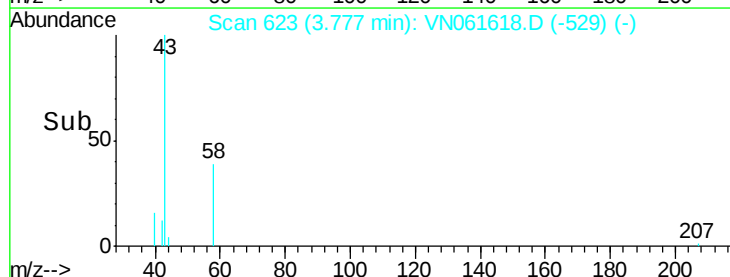
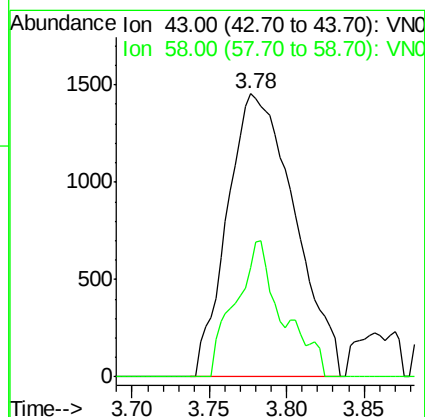
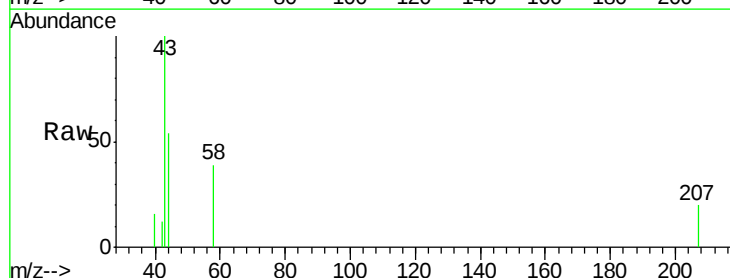
Acq: 2 Jun 2020 14:11

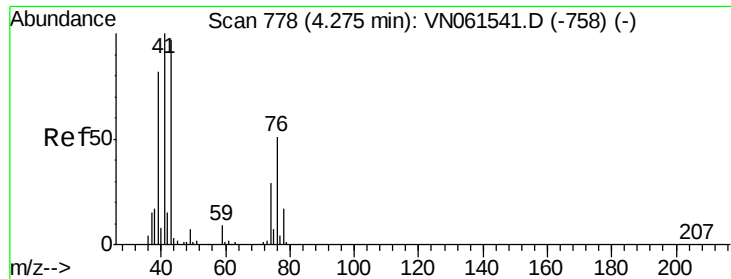
Tgt Ion: 43 Resp: 4389

Ion Ratio Lower Upper

43 100

58 38.7 27.2 40.8

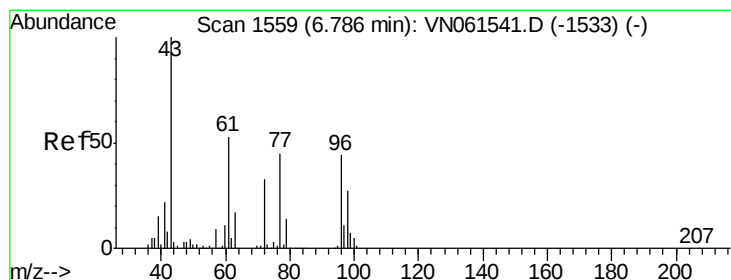
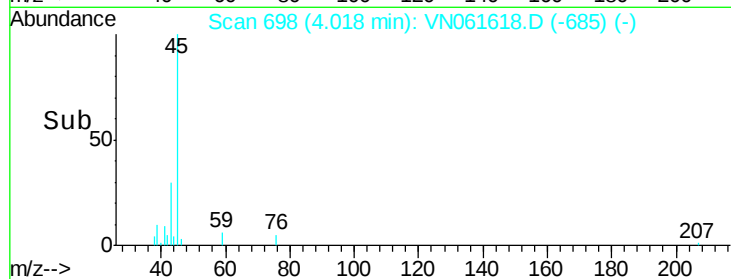
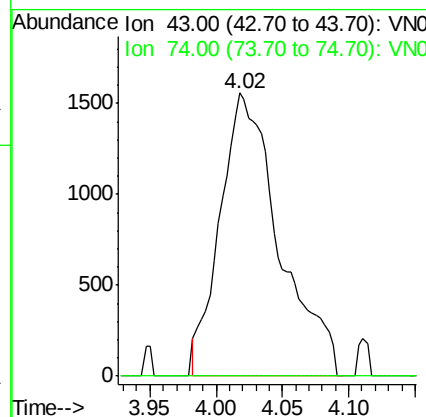
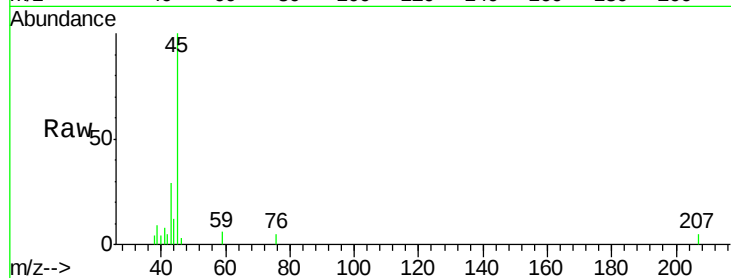




#18
Methyl Acetate
Concen: 1.440 ug/l
RT: 4.02 min Scan# 698
Delta R.T. -0.26 min
Lab File: VN061618.D
Acq: 2 Jun 2020 14:11

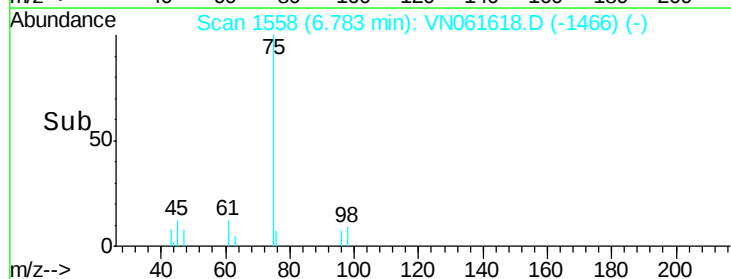
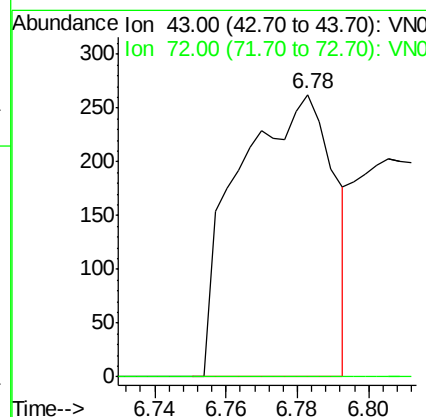
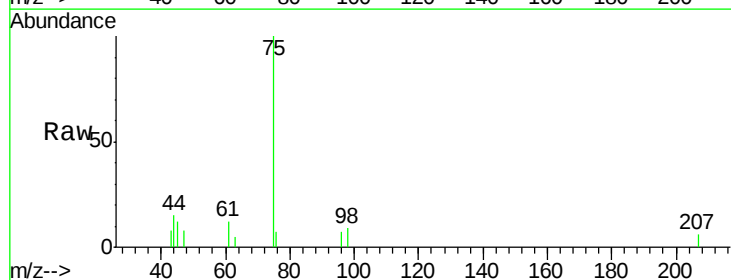
Instrument :
MSVOA_N
ClientSampleId :

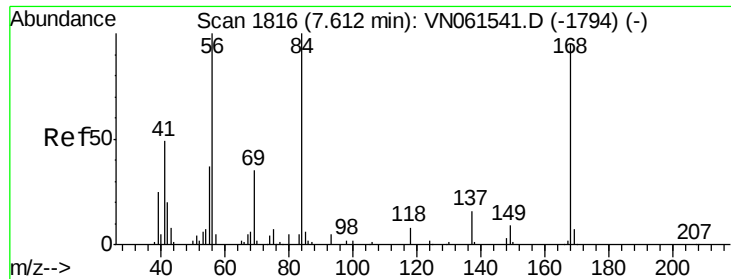
Tot Ion: 43 Resp: 4840
Ion Ratio Lower Upper
43 100
74 0.0 23.2 34.8#



#25
2-Butanone
Concen: 0.277 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061618.D
Acq: 2 Jun 2020 14:11

Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
72 0.0 26.0 39.0#

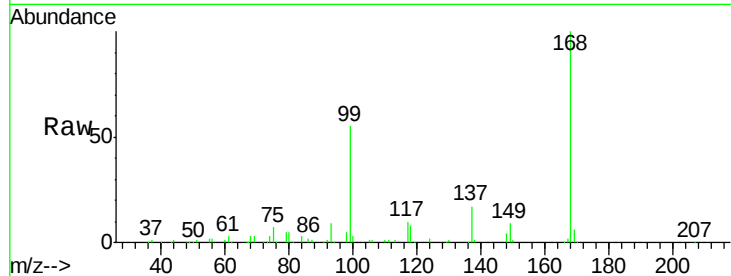




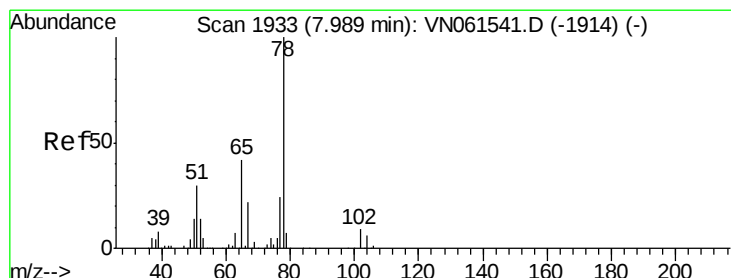
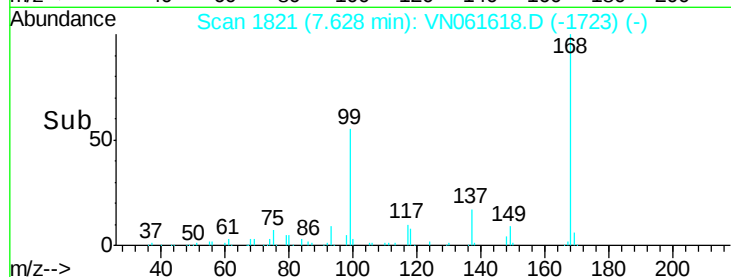
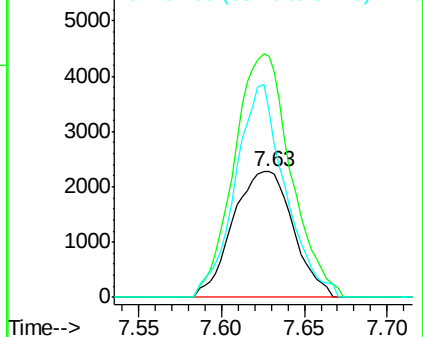
#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.02 min
Lab File: VN061618.D
Acq: 2 Jun 2020 14:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 5722
Ion Ratio Lower Upper
56 100
69 191.5 27.8 41.8#
84 148.2 79.9 119.9#

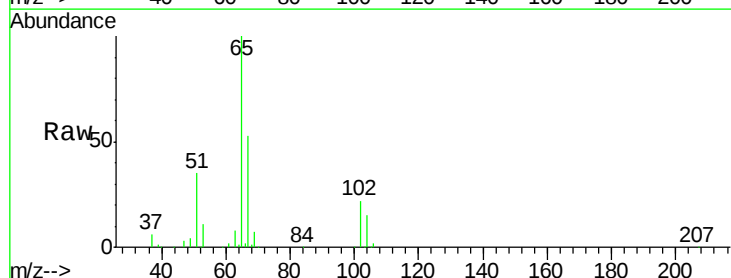


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

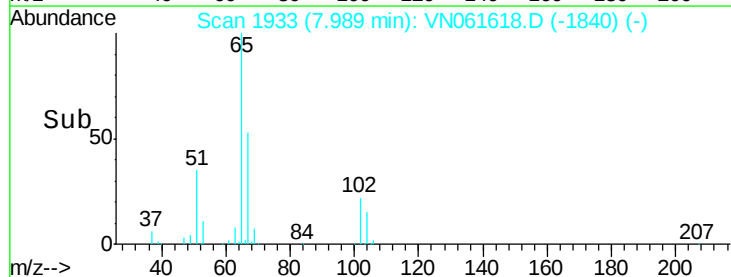
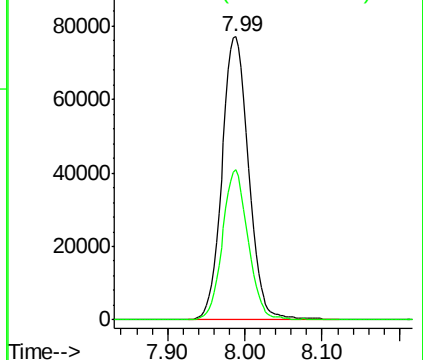


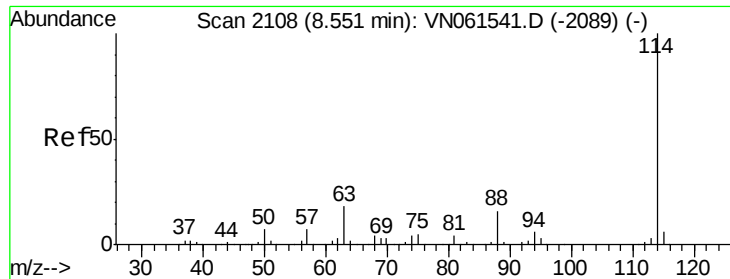
#33
1,2-Dichloroethane-d4
Concen: 49.619 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061618.D
Acq: 2 Jun 2020 14:11

Tgt Ion: 65 Resp: 184287
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

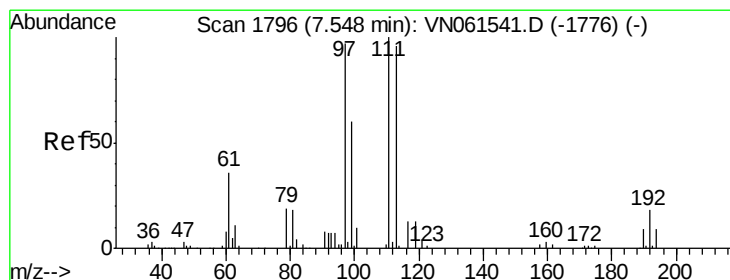
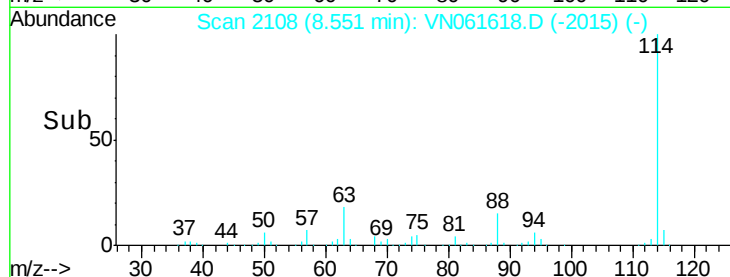
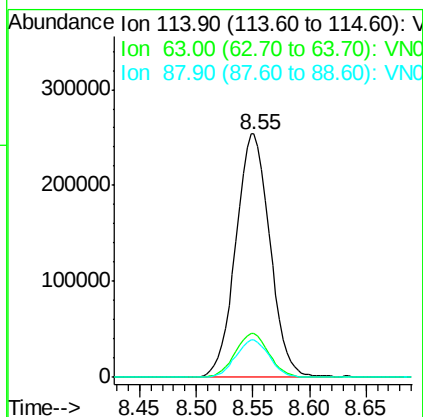
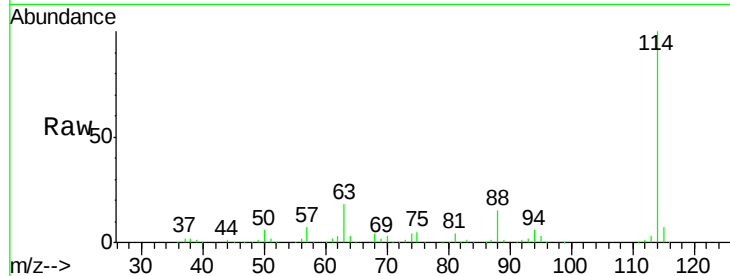




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061618.D
 Acq: 2 Jun 2020 14:11

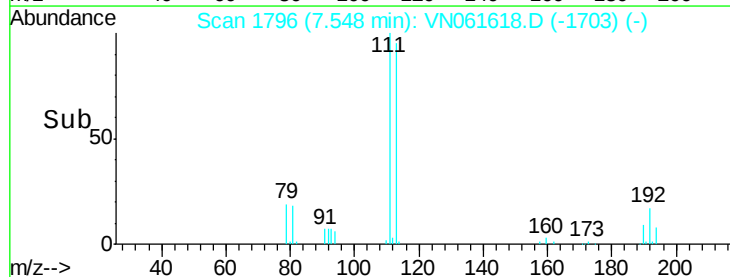
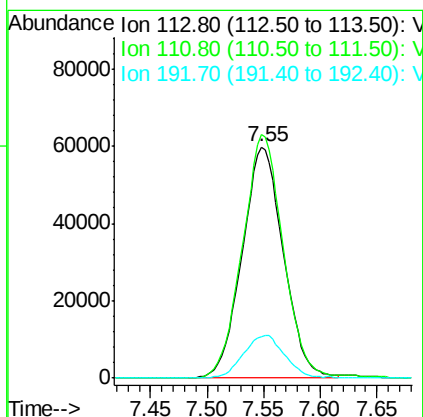
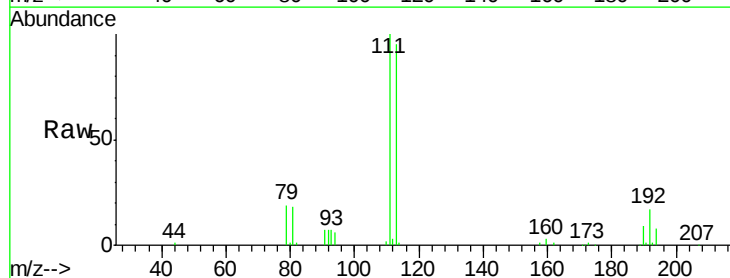
Instrument :
 MSVOA_N
 ClientSampleId :

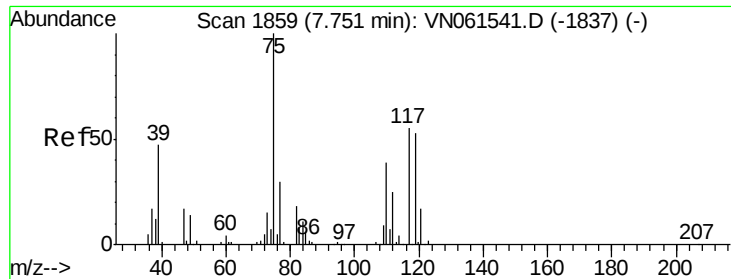
Tot Ion:114 Resp: 533932
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.8
 88 15.4 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 55.966 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061618.D
 Acq: 2 Jun 2020 14:11

Tgt Ion:113 Resp: 151586
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.4 125.0
 192 18.5 15.4 23.2

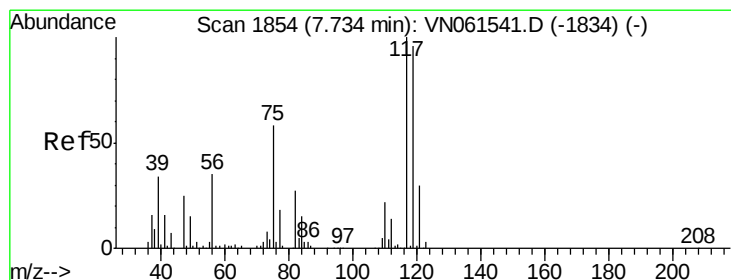
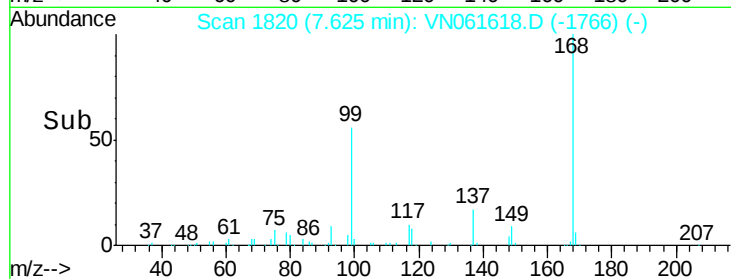
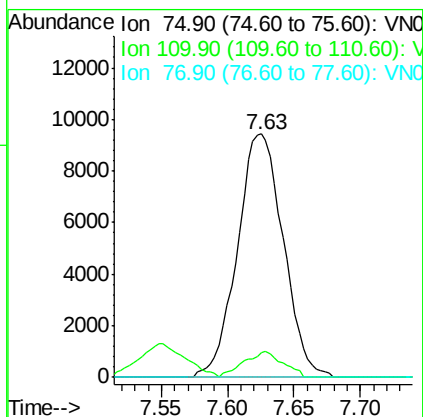
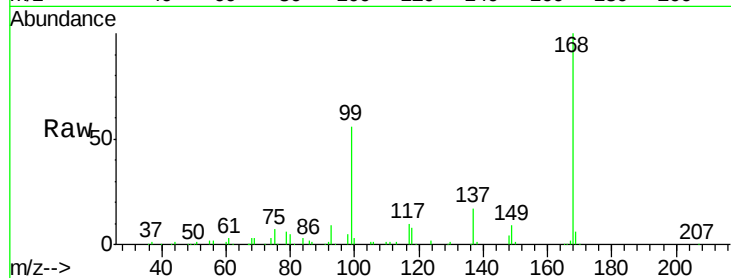




#36
 1,1-Dichloropropene
 Concen: 4.806 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061618.D
 Acq: 2 Jun 2020 14:11

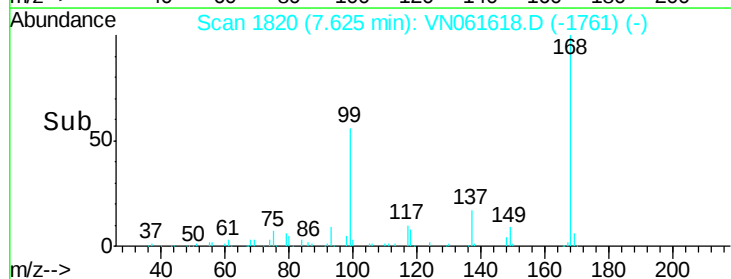
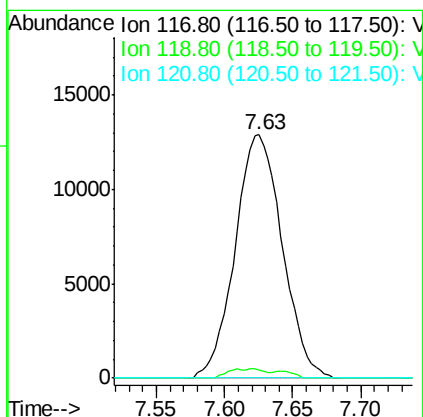
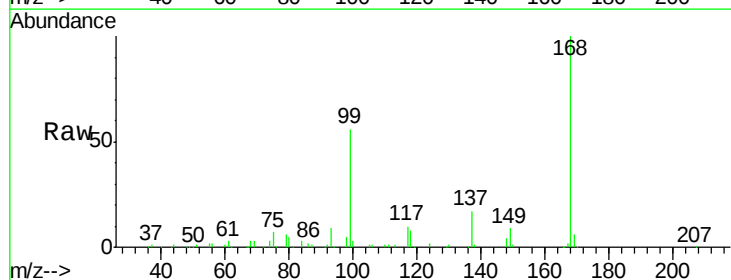
Instrument :
 MSVOA_N
 ClientSampled :

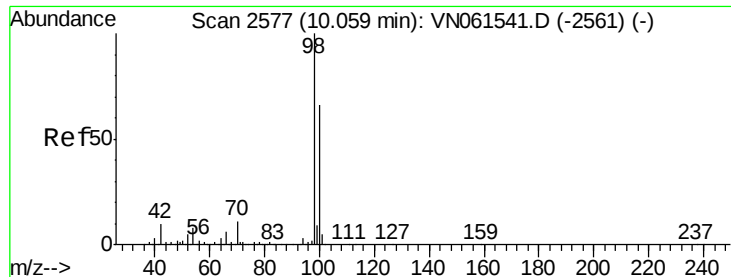
Tot Ion: 75 Resp: 22715
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.5 58.5#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.773 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN061618.D
 Acq: 2 Jun 2020 14:11

Tgt Ion: 117 Resp: 30880
 Ion Ratio Lower Upper
 117 100
 119 3.3 76.5 114.7#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 51.722 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061618.D

Acq: 2 Jun 2020 14:11

Instrument :

MSVOA_N

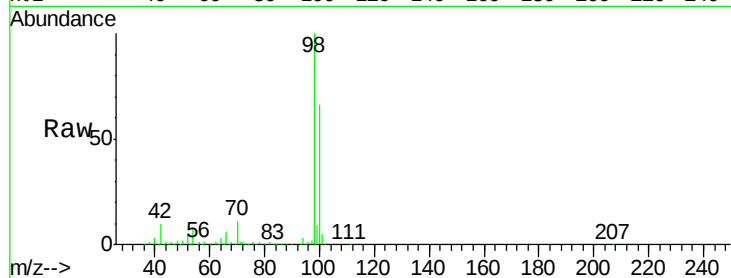
ClientSampled :

Tot Ion: 98 Resp: 649194

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

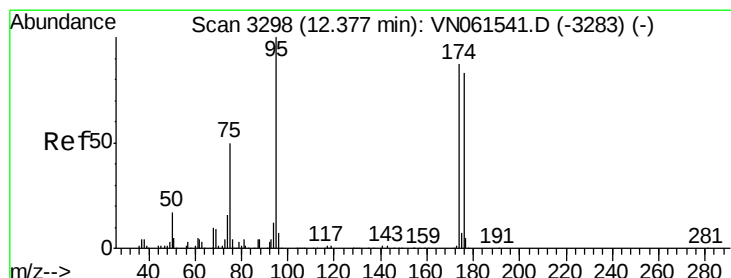
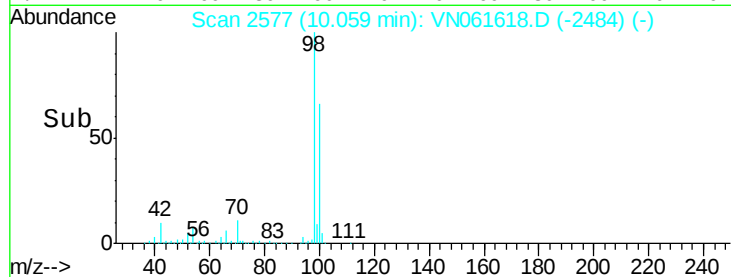
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.493 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061618.D

Acq: 2 Jun 2020 14:11

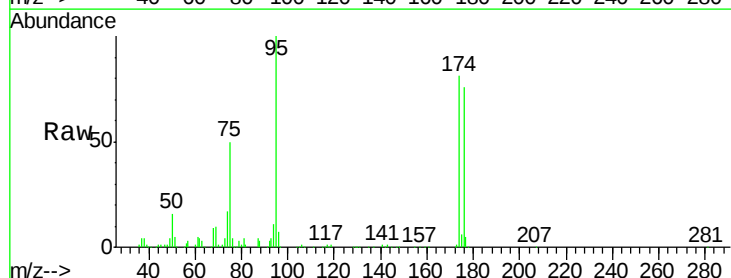
Tgt Ion: 95 Resp: 244962

Ion Ratio Lower Upper

95 100

174 79.8 0.0 172.8

176 75.7 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

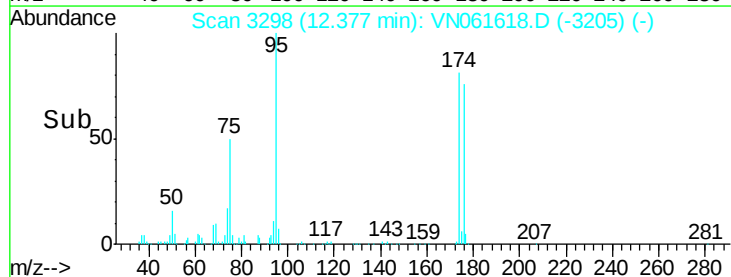
150000

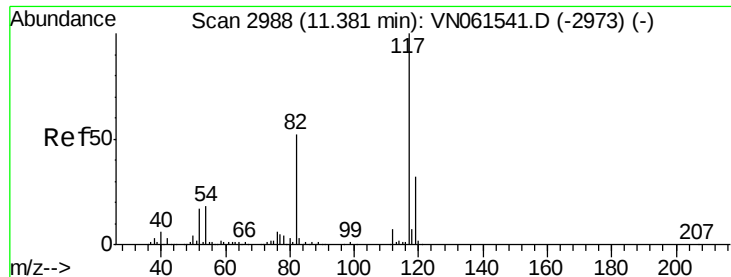
100000

50000

0

Time-->

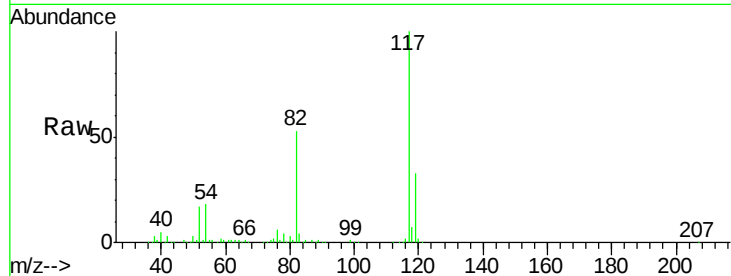




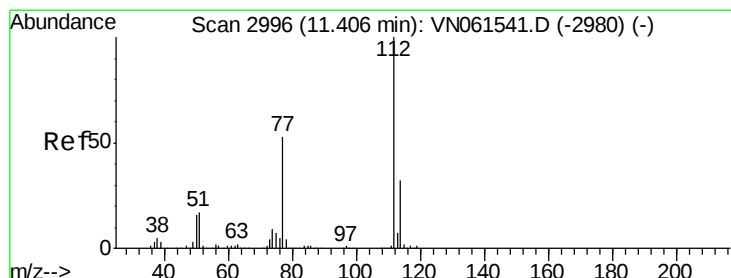
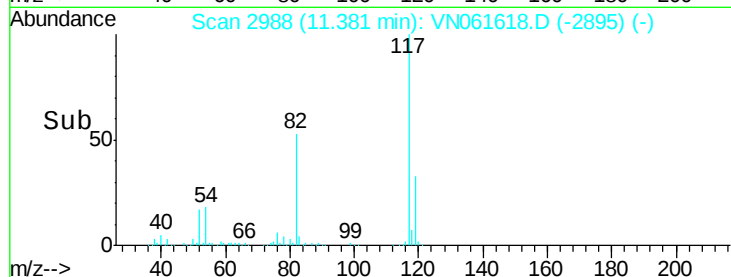
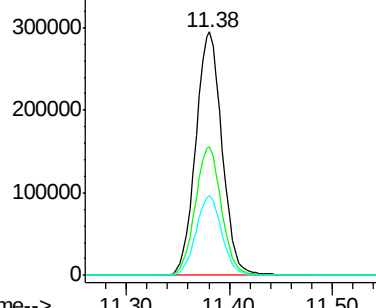
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061618.D
Acq: 2 Jun 2020 14:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 523292
Ion Ratio Lower Upper
117 100
82 52.9 41.5 62.3
119 32.7 25.6 38.4

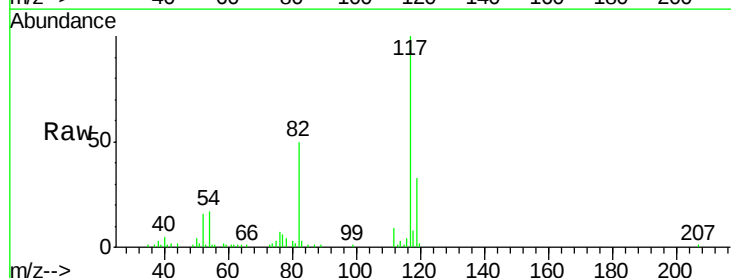


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

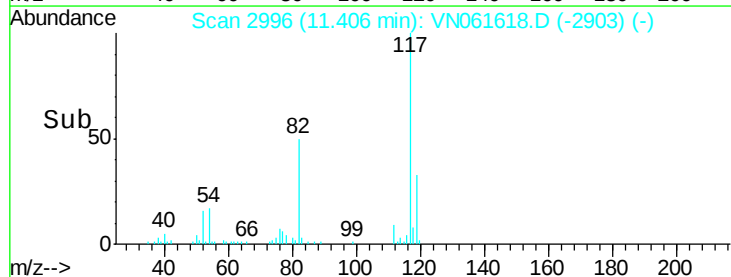
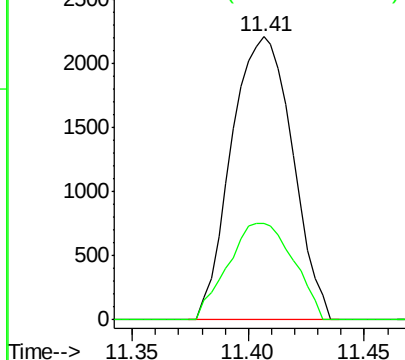


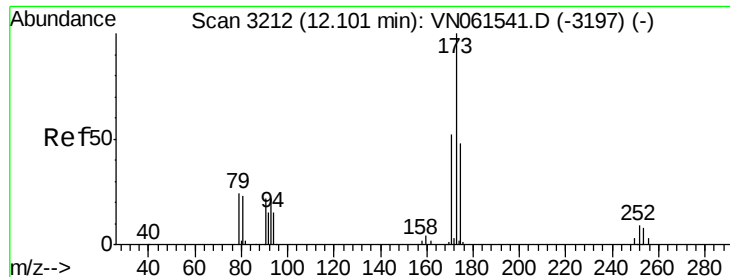
#65
Chlorobenzene
Concen: 0.371 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061618.D
Acq: 2 Jun 2020 14:11

Tgt Ion:112 Resp: 4035
Ion Ratio Lower Upper
112 100
114 34.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#71

Bromoform

Concen: 0.327 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.28 min

Lab File: VN061618.D

Acq: 2 Jun 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

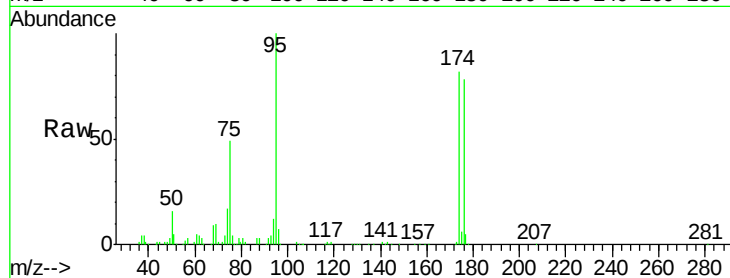
Tot Ion:173 Resp: 1022

Ion Ratio Lower Upper

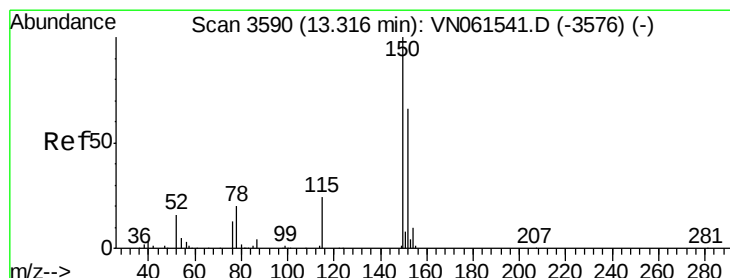
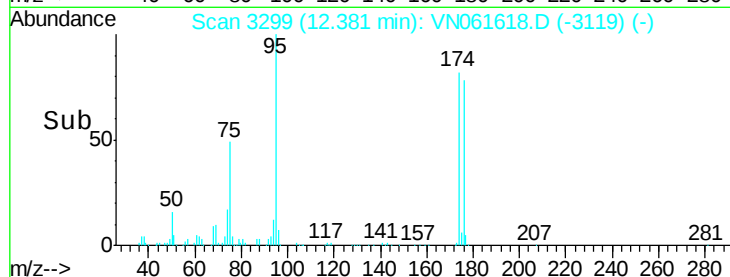
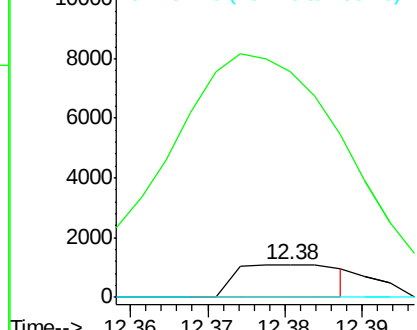
173 100

175 1182.9 24.4 73.2#

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061618.D

Acq: 2 Jun 2020 14:11

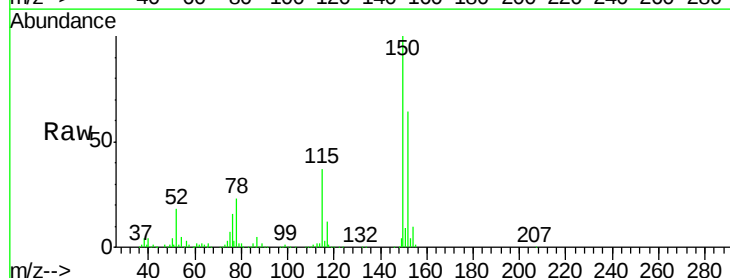
Tgt Ion:152 Resp: 239515

Ion Ratio Lower Upper

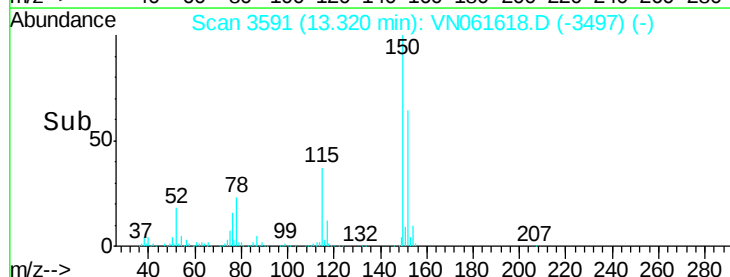
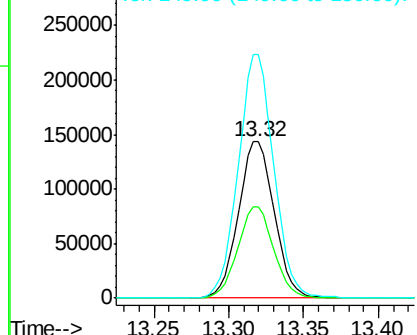
152 100

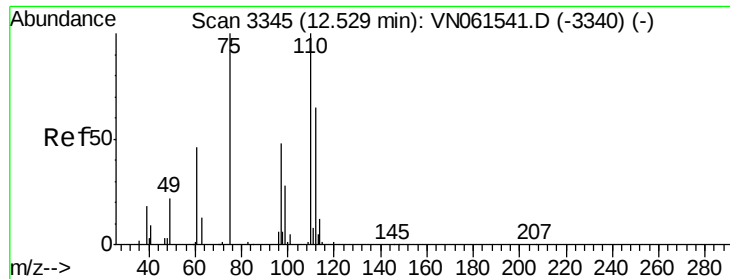
115 58.5 28.0 84.0

150 154.7 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

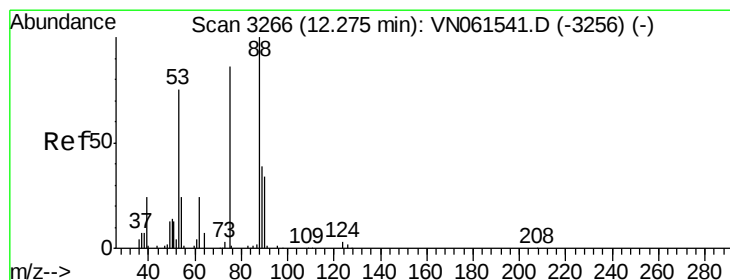
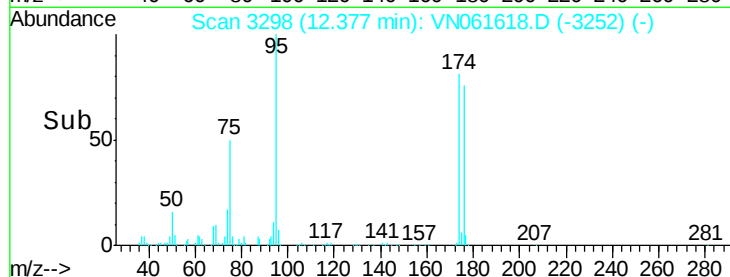
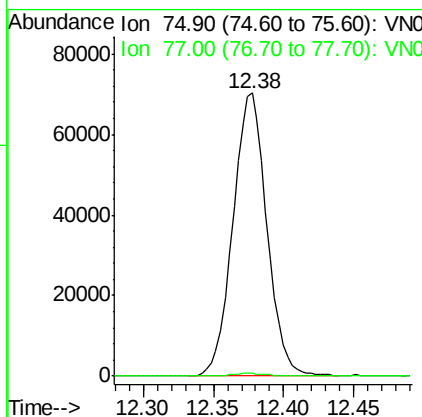
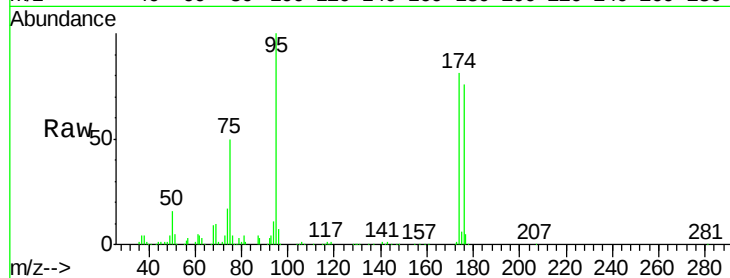




#76
 1,2,3-Trichloropropane
 Concen: 27.159 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN061618.D
 Acq: 2 Jun 2020 14:11

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 118286
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.453 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN061618.D
 Acq: 2 Jun 2020 14:11

Tgt Ion: 75 Resp: 118286
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.8 101.8#
 89 0.0 37.1 55.7#

