

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022120\
 Data File : VN060187.D
 Acq On : 21 Feb 2020 14:00
 Operator : JC/MD
 Sample : L1645-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 21 22:24:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	177910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	281608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	262502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	113067	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	105477	48.72	ug/l	0.00
Spiked Amount						
			Recovery	=	97.44%	
35) Dibromofluoromethane	7.56	113	84372	48.74	ug/l	0.00
Spiked Amount						
			Recovery	=	97.48%	
50) Toluene-d8	10.08	98	337250	49.47	ug/l	0.00
Spiked Amount						
			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	118987	47.50	ug/l	0.00
Spiked Amount						
			Recovery	=	95.00%	

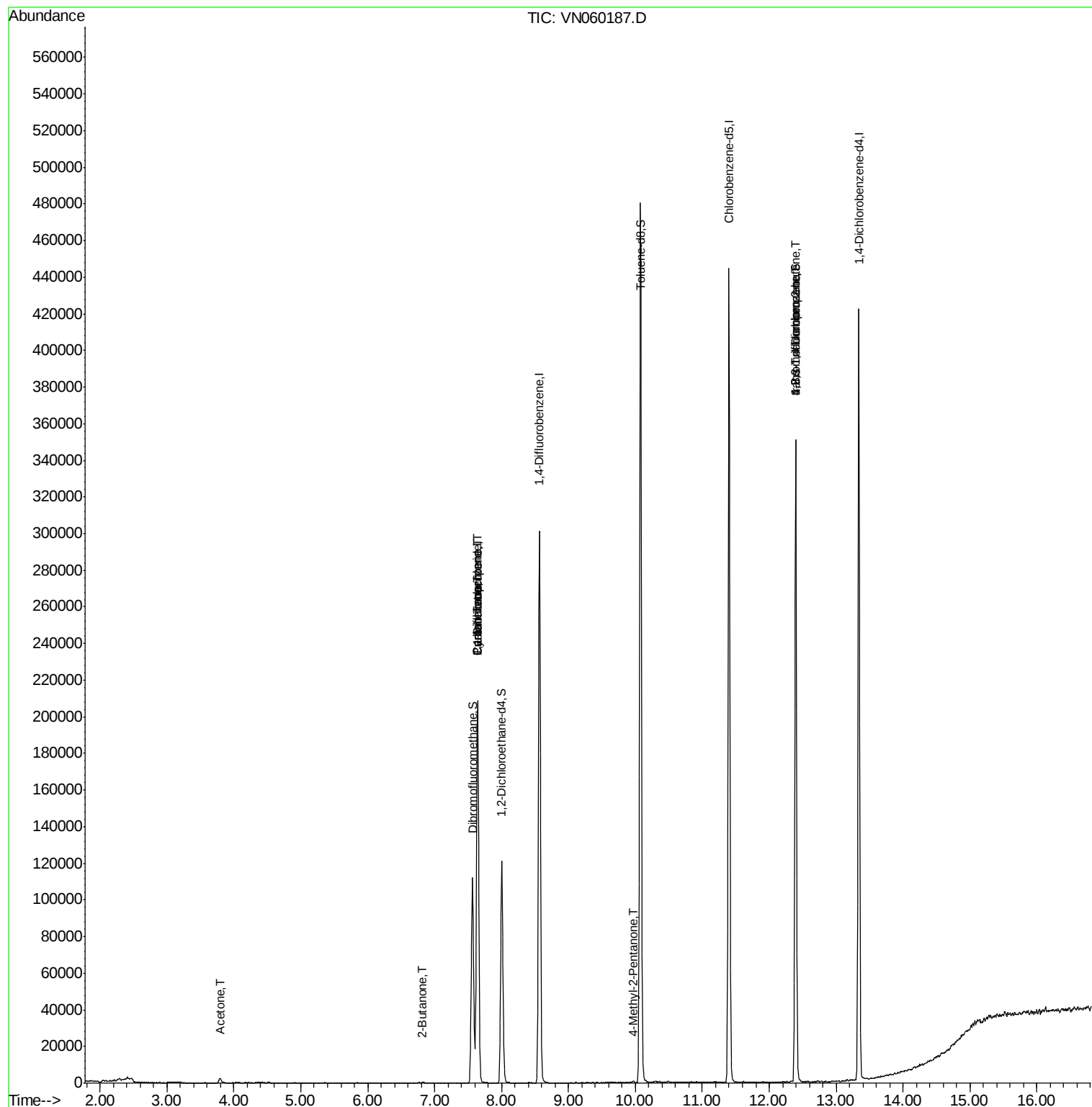
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	4880	5.168	ug/l	95
25) 2-Butanone	6.82	43	871	0.733	ug/l #	46
31) Cyclohexane	7.64	56	3510	1.146	ug/l #	19
36) 1,1-Dichloropropene	7.64	75	12957	4.967	ug/l #	49
38) Carbon Tetrachloride	7.64	117	16825	5.939	ug/l #	15
51) 4-Methyl-2-Pentanone	9.97	43	895	0.384	ug/l #	87
76) 1,2,3-Trichloropropane	12.40	75	62679	28.975	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	62679	70.945	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.40	75	92	Below Cal	#	1

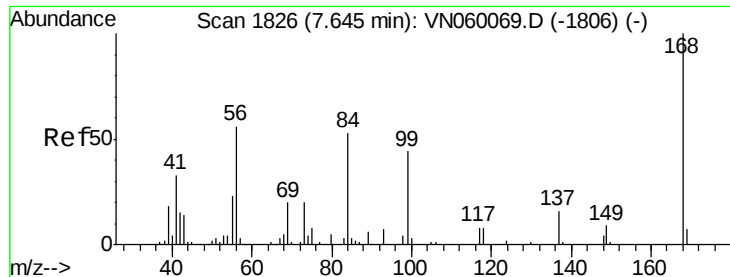
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022120\
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Acq On : 21 Feb 2020 14:00
Operator : JC/MD
Sample : L1645-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 21 22:24:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 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: VN060187.D

Acq: 21 Feb 2020 14:00

Instrument :

MSVOA_N

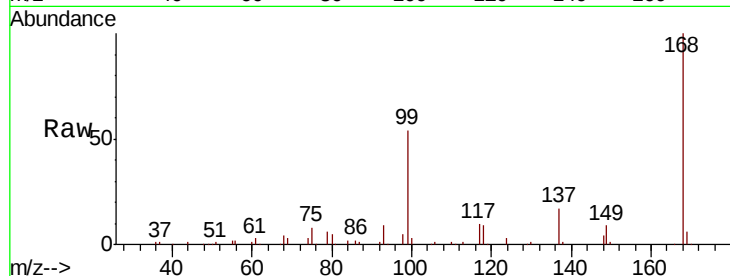
ClientSampled :

Tot Ion:168 Resp: 177910

Ion Ratio Lower Upper

168 100

99 53.8 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

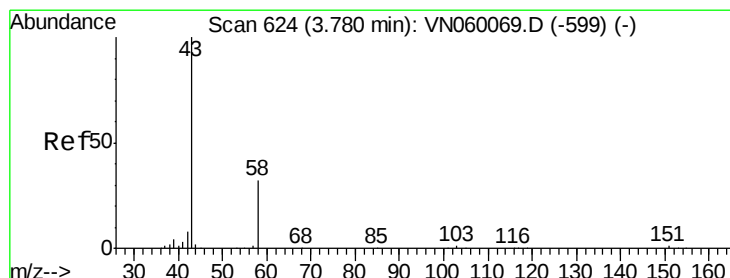
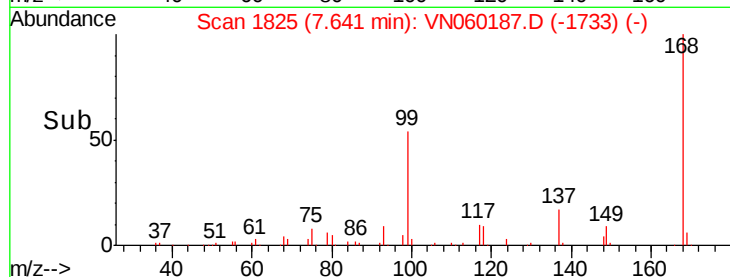
40000

20000

0

7.50 7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.168 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060187.D

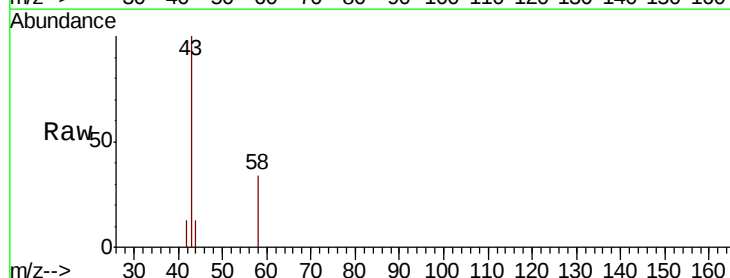
Acq: 21 Feb 2020 14:00

Tgt Ion: 43 Resp: 4880

Ion Ratio Lower Upper

43 100

58 34.0 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

1500

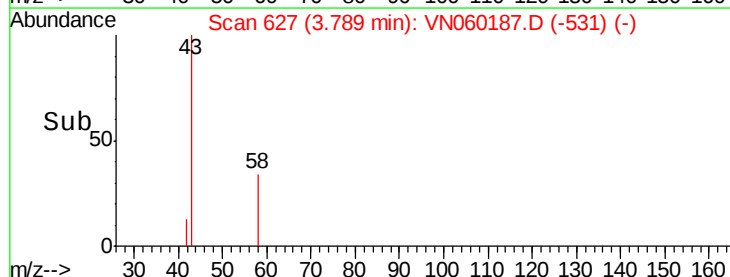
1000

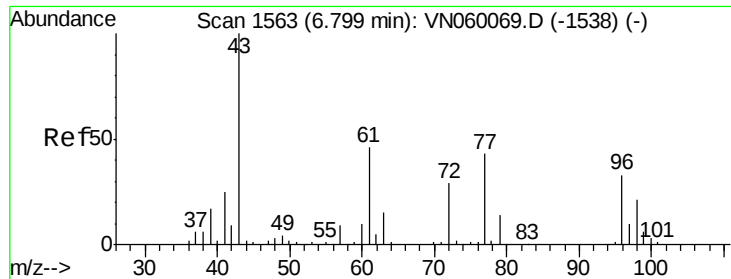
500

0

3.70 3.75 3.80 3.85 3.90

Time-->





#25

2-Butanone

Concen: 0.733 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.02 min

Lab File: VN060187.D

Acq: 21 Feb 2020 14:00

Instrument :

MSVOA_N

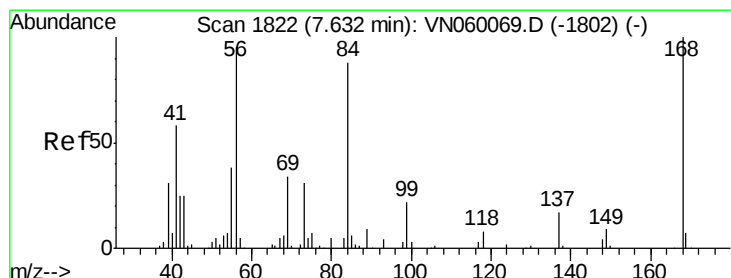
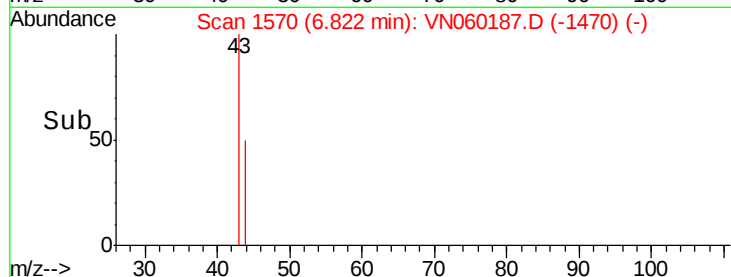
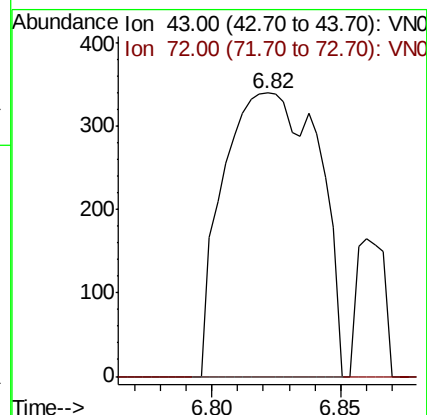
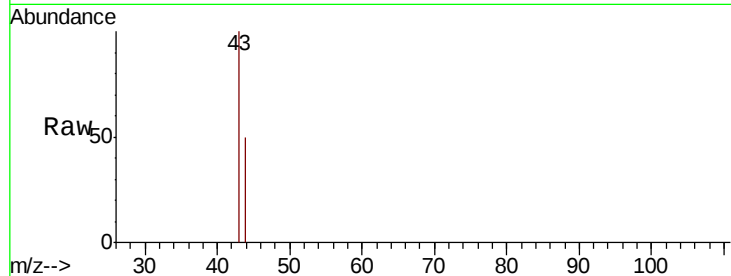
ClientSampleId :

Tot Ion: 43 Resp: 871

Ion Ratio Lower Upper

43 100

72 0.0 23.3 34.9#



#31

Cyclohexane

Concen: 1.146 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN060187.D

Acq: 21 Feb 2020 14:00

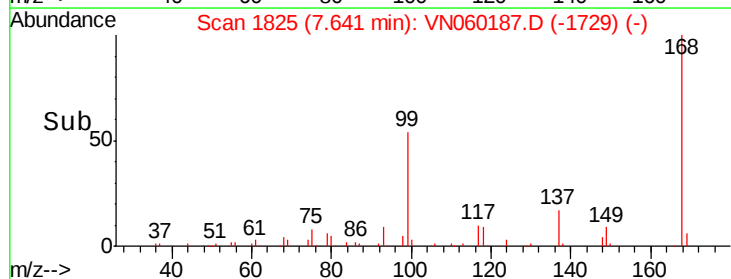
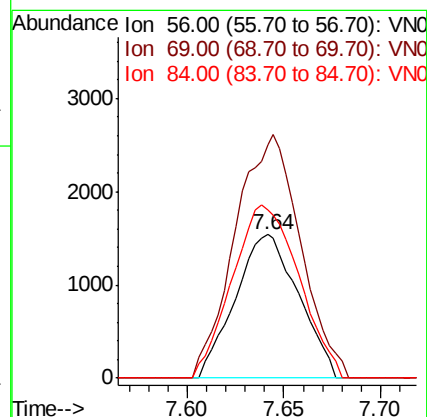
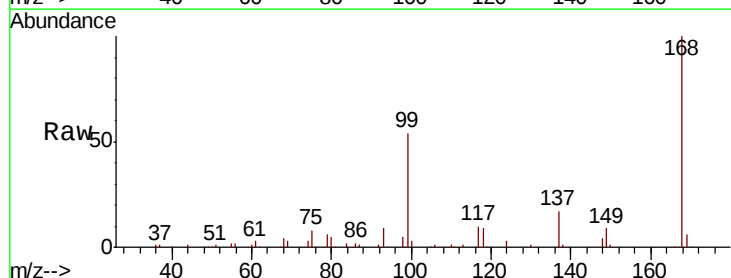
Tgt Ion: 56 Resp: 3510

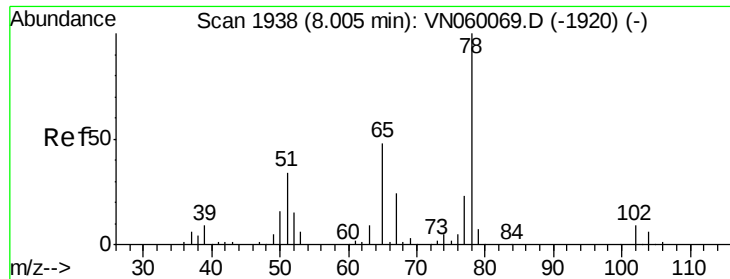
Ion Ratio Lower Upper

56 100

69 162.7 28.3 42.5#

84 116.8 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 48.722 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060187.D

Acq: 21 Feb 2020 14:00

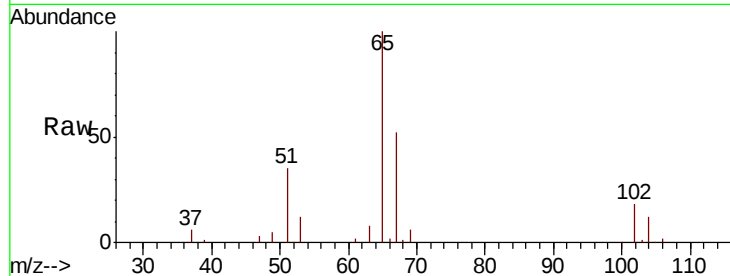
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 105477

Ion Ratio Lower Upper

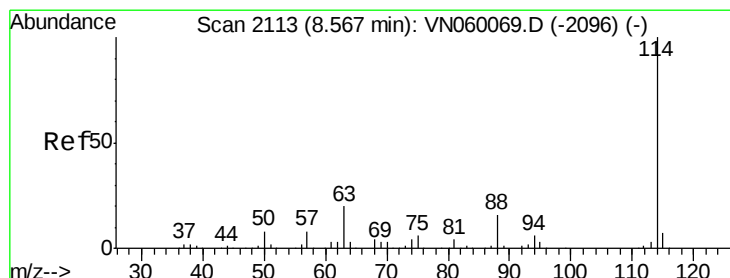
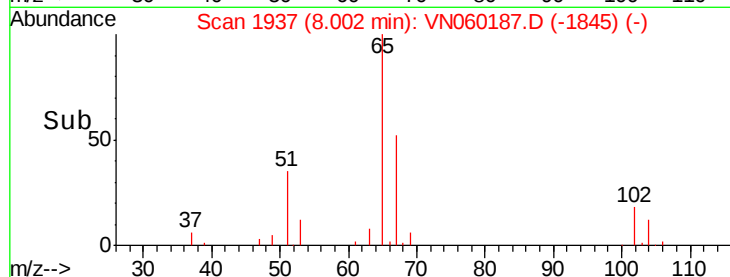
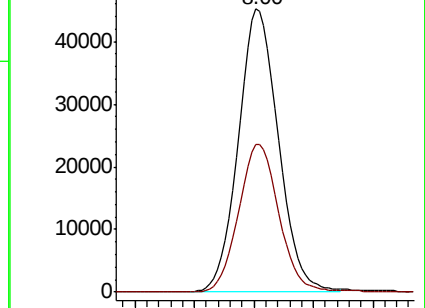
65 100

67 52.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN060069.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060069.D (-1920) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060187.D

Acq: 21 Feb 2020 14:00

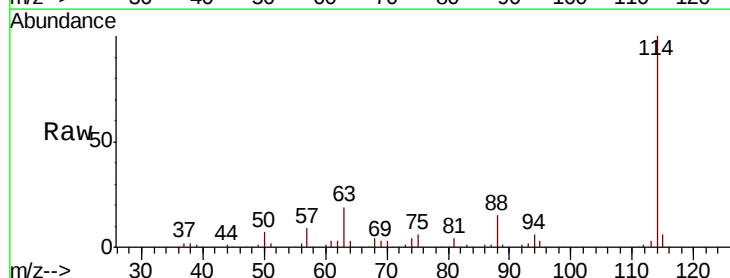
Tgt Ion: 114 Resp: 281608

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

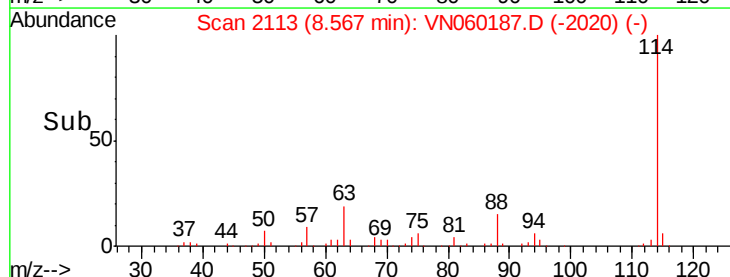
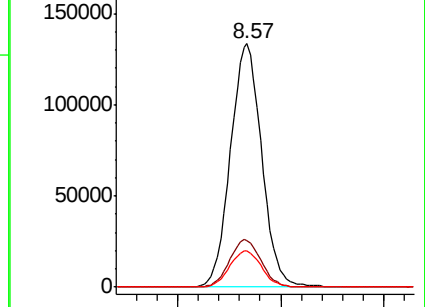
88 14.7 0.0 31.6

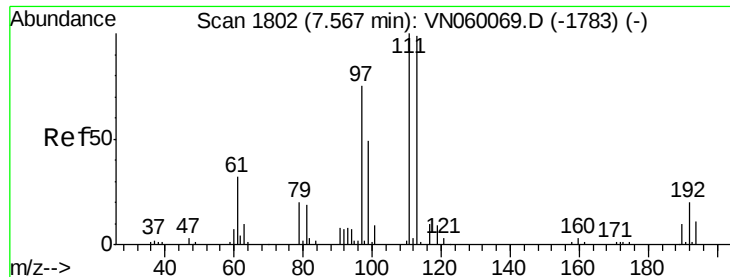


Abundance Ion 113.90 (113.60 to 114.60): VN060069.D (-2096) (-)

Ion 63.00 (62.70 to 63.70): VN060069.D (-2096) (-)

Ion 87.90 (87.60 to 88.60): VN060069.D (-2096) (-)

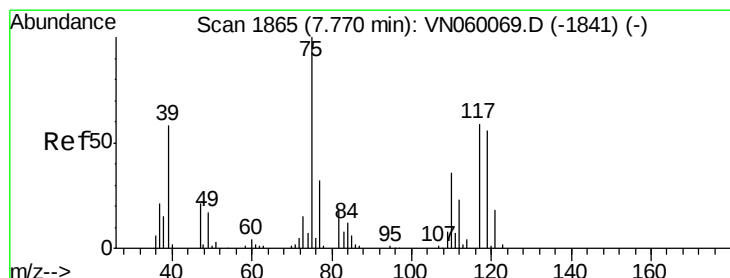
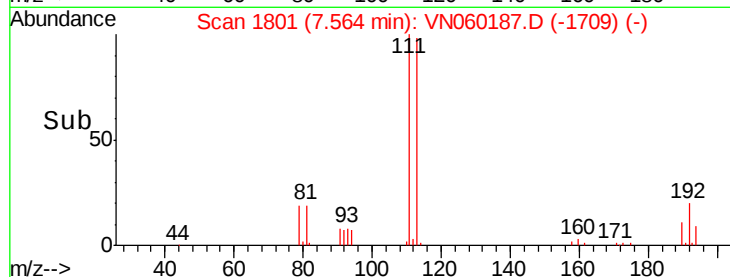
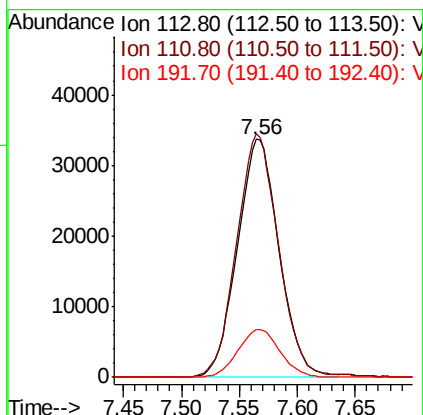
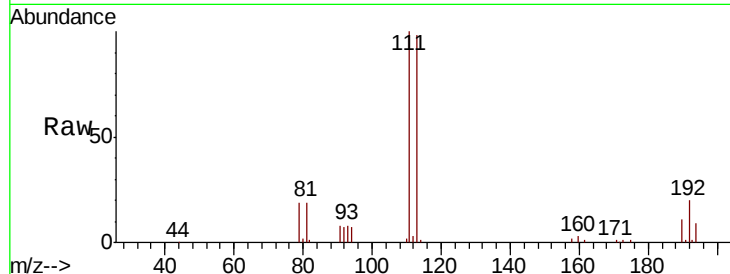




#35
 Dibromofluoromethane
 Concen: 48.740 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060187.D
 Acq: 21 Feb 2020 14:00

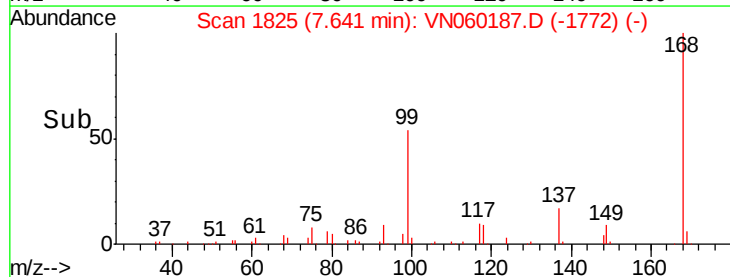
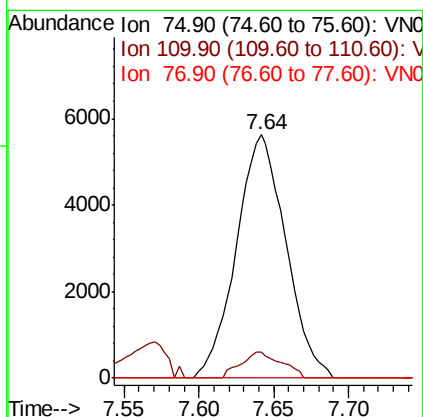
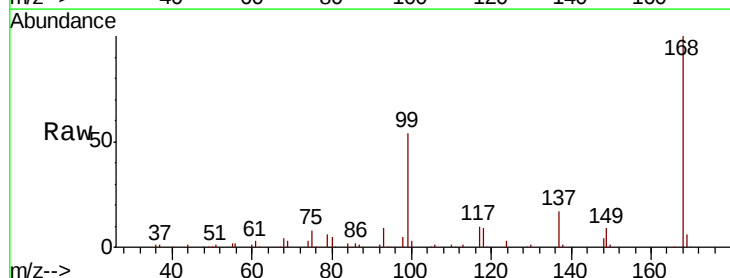
Instrument :
 MSVOA_N
 ClientSampleId :

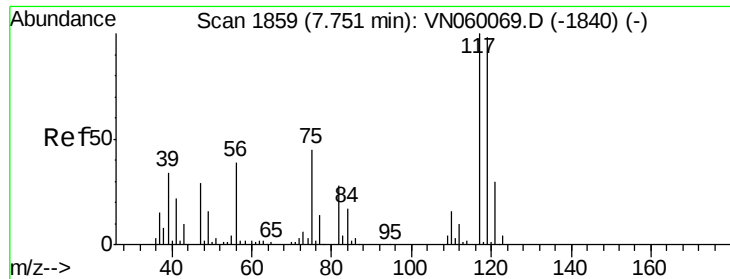
Tot Ion:113 Resp: 84372
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.4 122.2
 192 20.3 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.967 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060187.D
 Acq: 21 Feb 2020 14:00

Tgt Ion: 75 Resp: 12957
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.1 54.3#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.939 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060187.D

Acq: 21 Feb 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

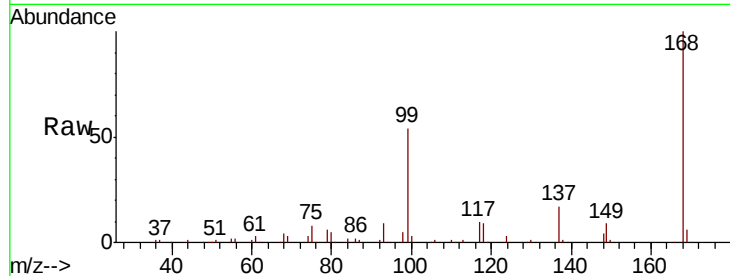
Tot Ion:117 Resp: 16825

Ion Ratio Lower Upper

117 100

119 5.0 78.2 117.4#

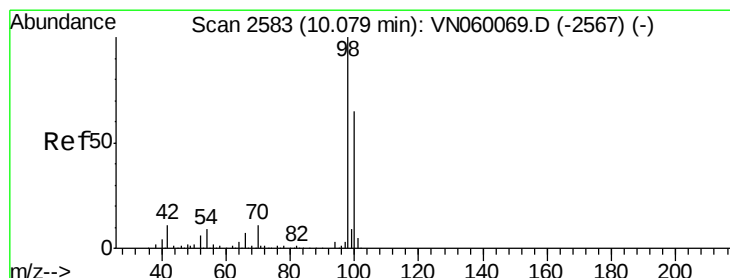
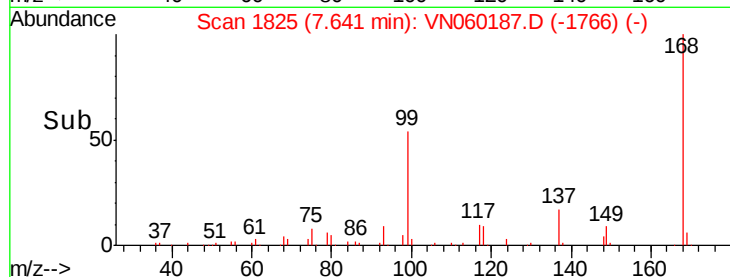
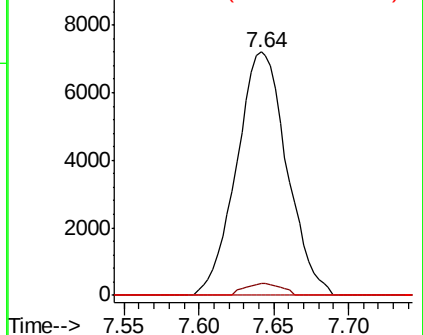
121 0.0 24.2 36.2#



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: 49.474 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060187.D

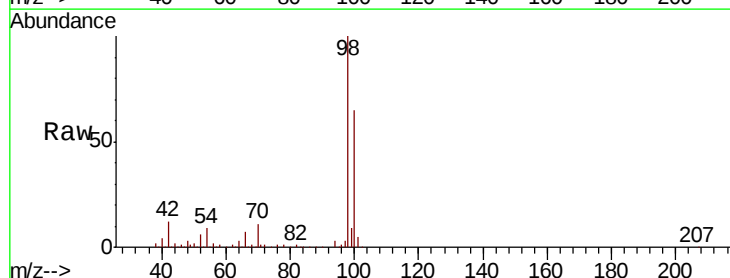
Acq: 21 Feb 2020 14:00

Tgt Ion: 98 Resp: 337250

Ion Ratio Lower Upper

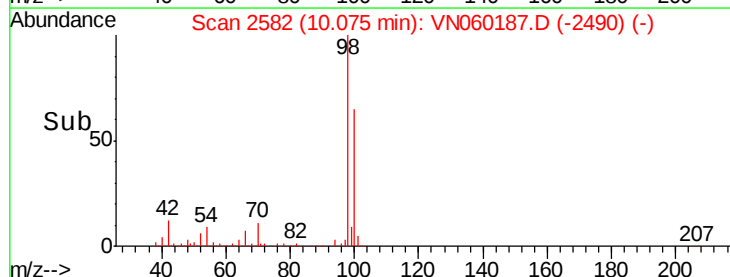
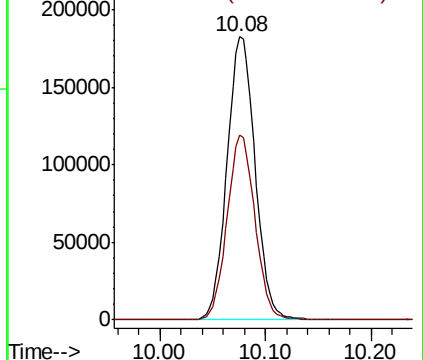
98 100

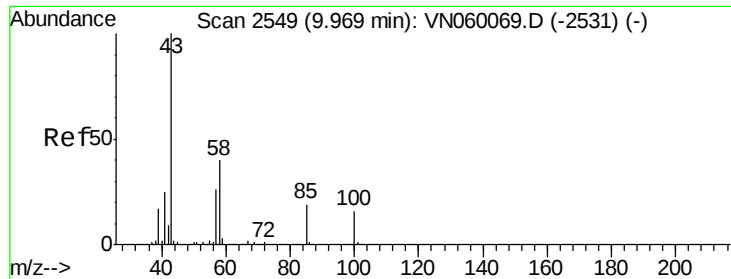
100 64.7 51.7 77.5



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: 0.384 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060187.D

Acq: 21 Feb 2020 14:00

Instrument :

MSVOA_N

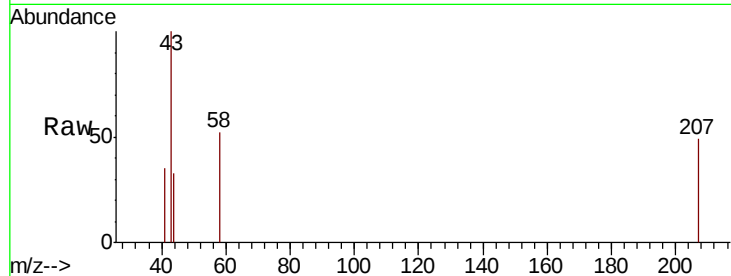
ClientSampleId :

Tot Ion: 43 Resp: 895

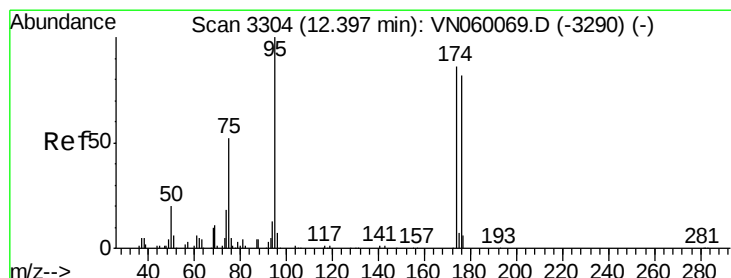
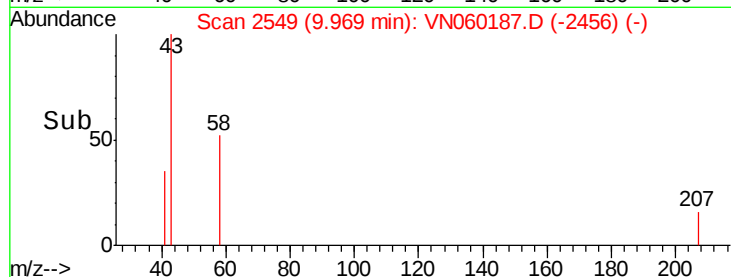
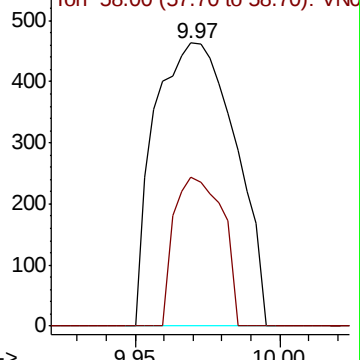
Ion Ratio Lower Upper

43 100

58 31.7 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-2531) (-)



#62

4-Bromofluorobenzene

Concen: 47.503 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060187.D

Acq: 21 Feb 2020 14:00

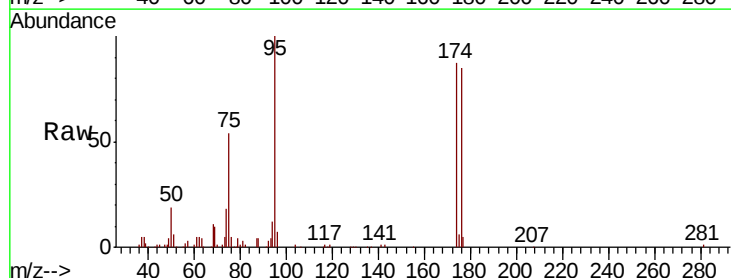
Tgt Ion: 95 Resp: 118987

Ion Ratio Lower Upper

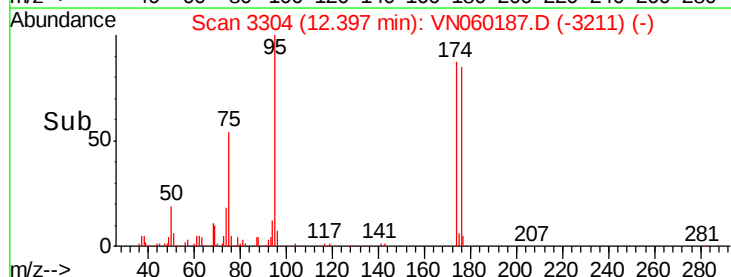
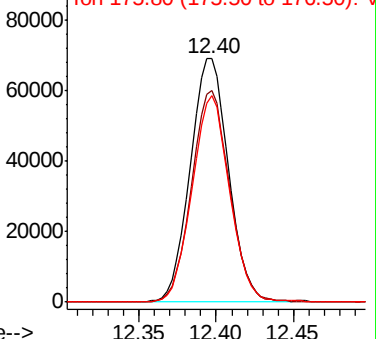
95 100

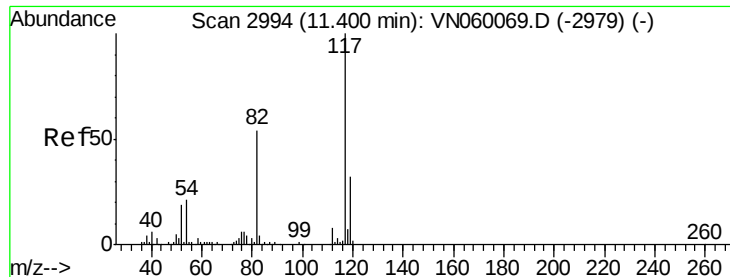
174 86.1 0.0 169.8

176 83.2 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060069.D (-3290) (-)

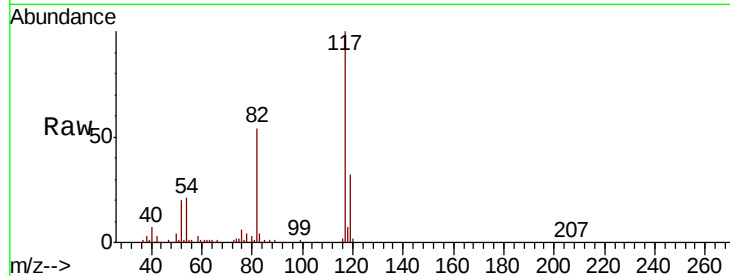




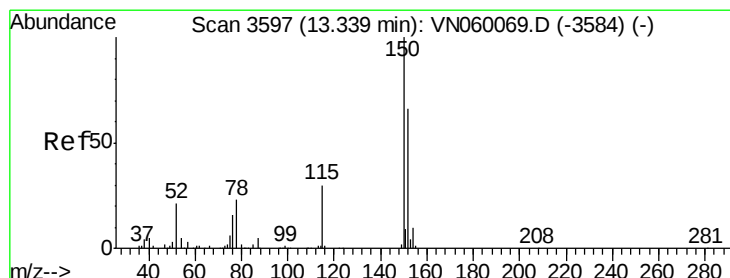
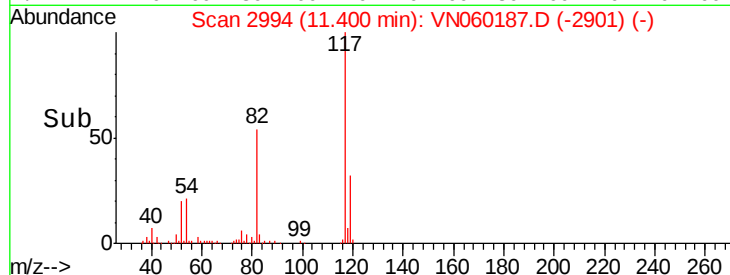
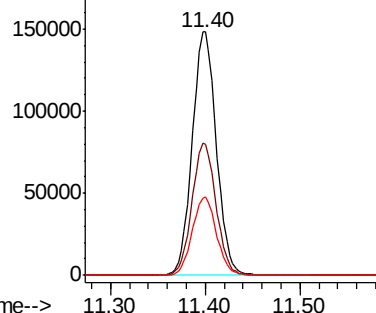
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060187.D
Acq: 21 Feb 2020 14:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 262502
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.2 25.8 38.6

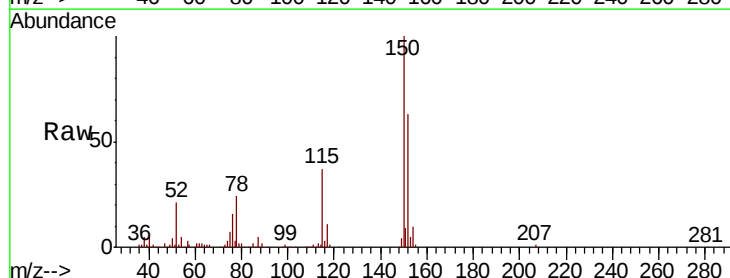


Abundance Ion 116.90 (116.60 to 117.60): V
200000 Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

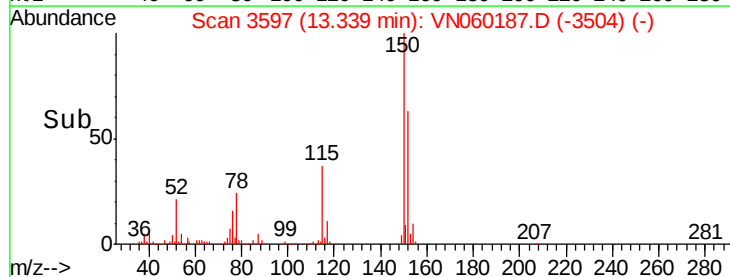
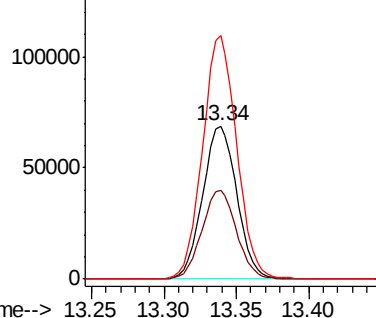


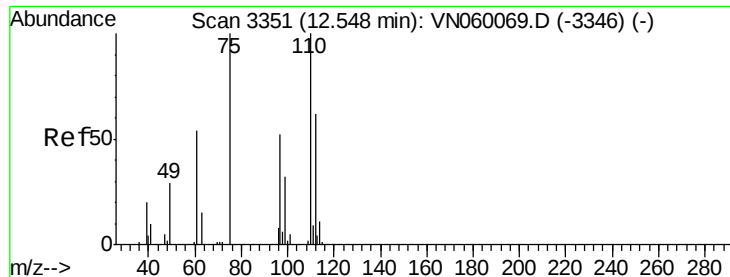
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060187.D
Acq: 21 Feb 2020 14:00

Tgt Ion:152 Resp: 113067
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.8
150 158.5 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
150000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.975 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060187.D

Acq: 21 Feb 2020 14:00

Instrument :

MSVOA_N

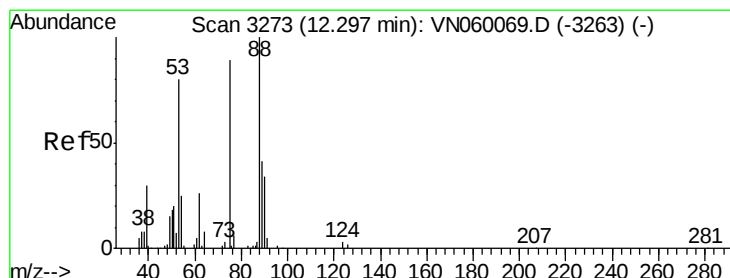
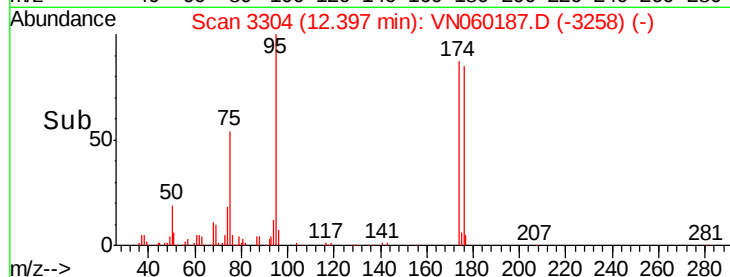
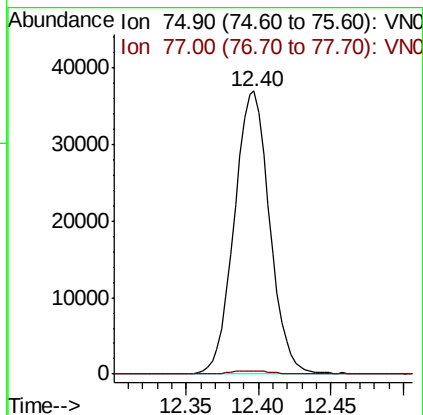
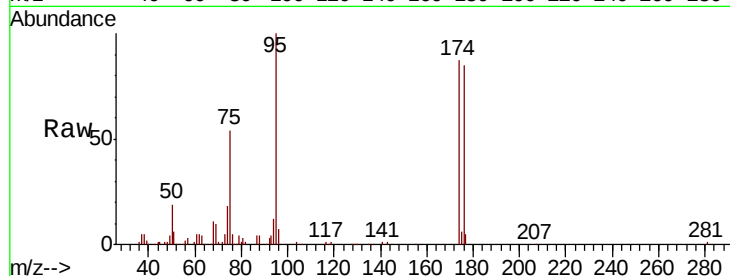
ClientSampleId :

Tot Ion: 75 Resp: 62679

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.945 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060187.D

Acq: 21 Feb 2020 14:00

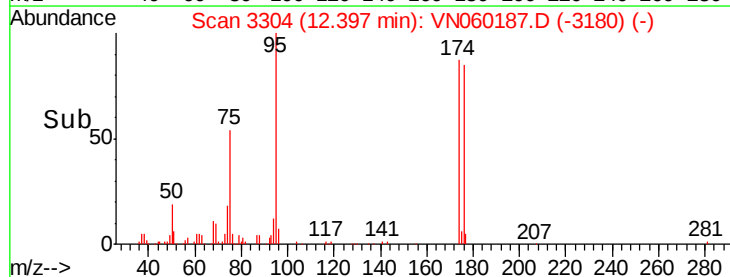
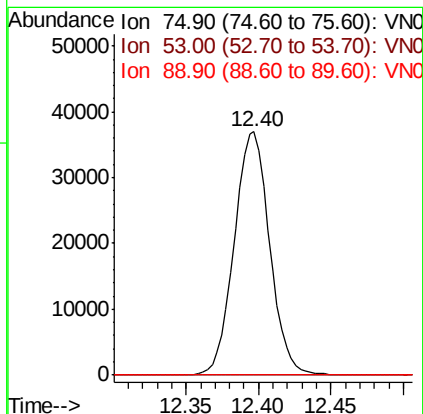
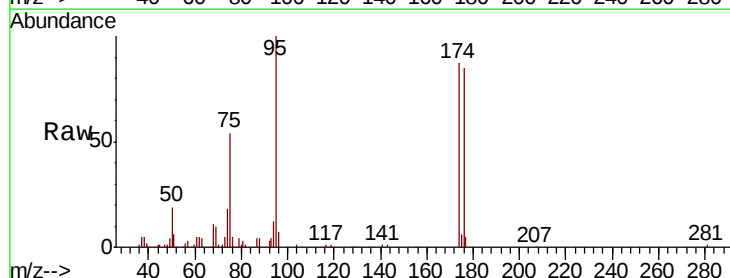
Tgt Ion: 75 Resp: 62679

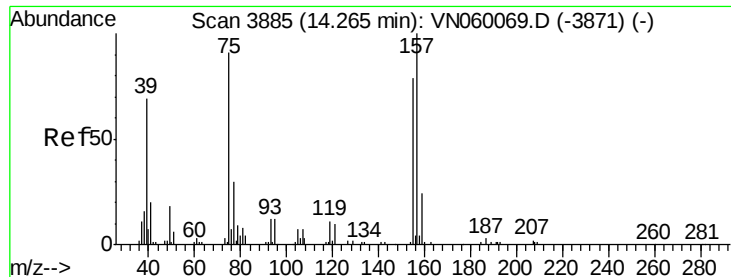
Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 0.0 37.0 55.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.40 min Scan# 3928

Delta R.T. 0.14 min

Lab File: VN060187.D

Acq: 21 Feb 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

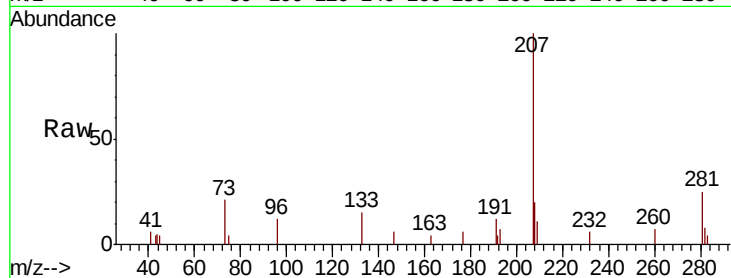
Tot Ion: 75 Resp: 92

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.0#

157 0.0 54.9 164.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

