

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022120\
 Data File : VN060186.D
 Acq On : 21 Feb 2020 13:38
 Operator : JC/MD
 Sample : L1645-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 21 22:24:43 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	178273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	277312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	254755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110310	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	106164	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
35) Dibromofluoromethane	7.56	113	83354	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
50) Toluene-d8	10.08	98	333362	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	116797	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	

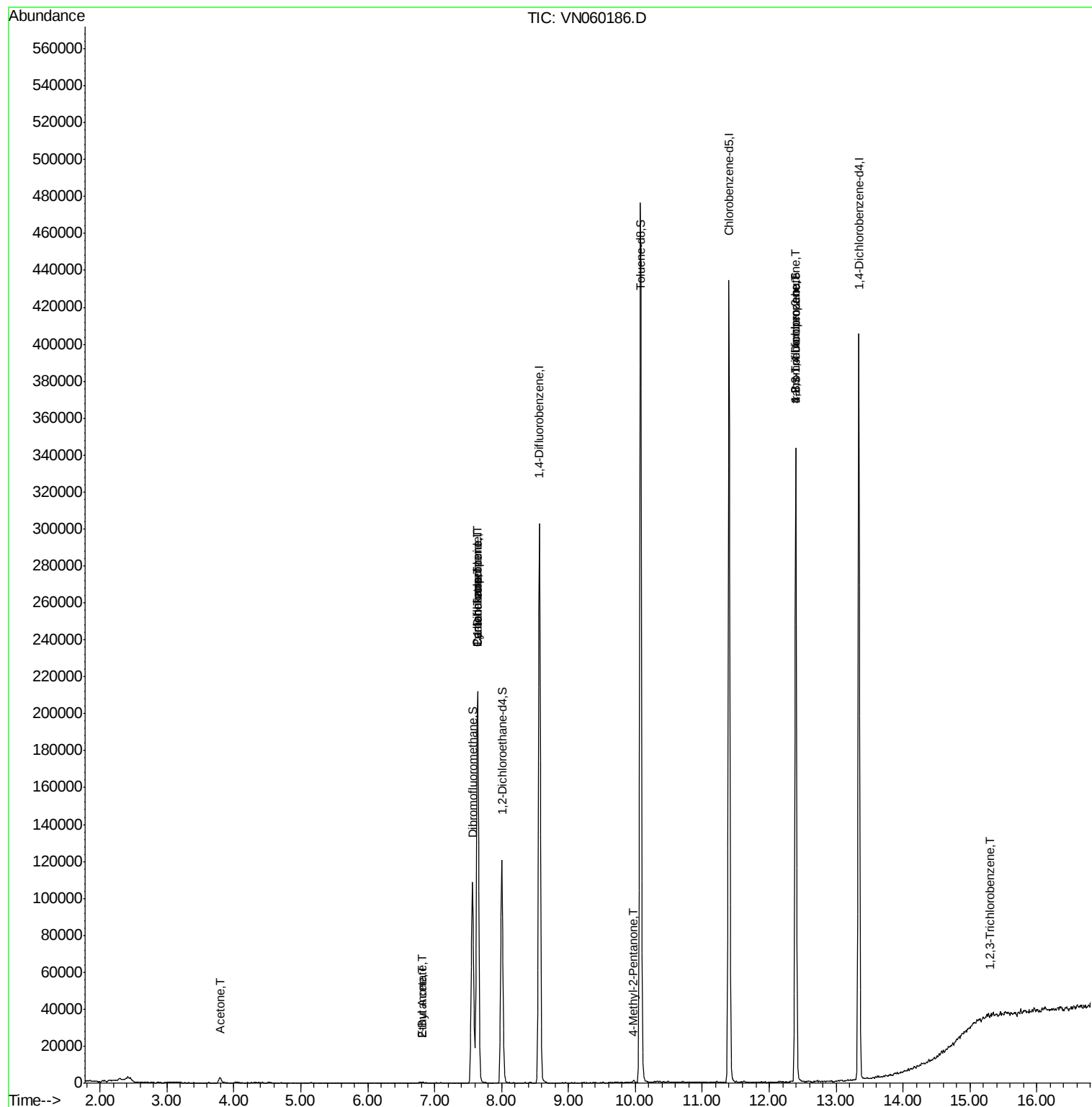
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	5562	5.878	ug/l	99
25) 2-Butanone	6.82	43	1065	0.895	ug/l #	46
31) Cyclohexane	7.64	56	3619	1.180	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	12616	4.912	ug/l #	49
37) Ethyl Acetate	6.82	43	1065	0.459	ug/l #	68
38) Carbon Tetrachloride	7.64	117	16974	6.085	ug/l #	15
51) 4-Methyl-2-Pentanone	9.97	43	1026	0.447	ug/l #	77
76) 1,2,3-Trichloropropane	12.40	75	61192	28.995	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	61192	70.993	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.38	75	62	Below Cal	#	1
96) 1,2,3-Trichlorobenzene	15.30	180	457	0.221	ug/l	77

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022120\
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MSVOA_N
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Quant Time: Feb 21 22:24:43 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: VN060186.D

Acq: 21 Feb 2020 13:38

Instrument :

MSVOA_N

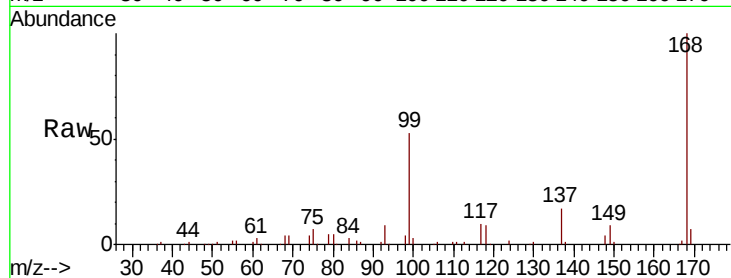
ClientSampleId :

Tot Ion:168 Resp: 178273

Ion Ratio Lower Upper

168 100

99 53.4 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): VN060069.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN060069.D (-1806) (-)

7.64

80000

60000

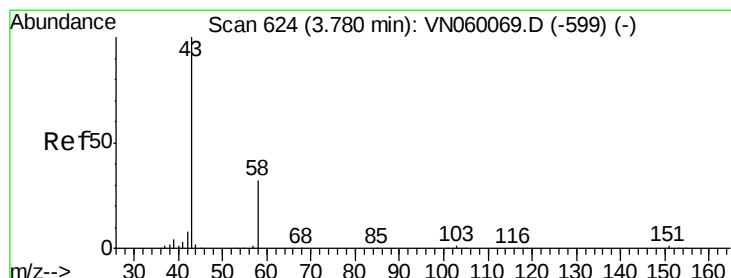
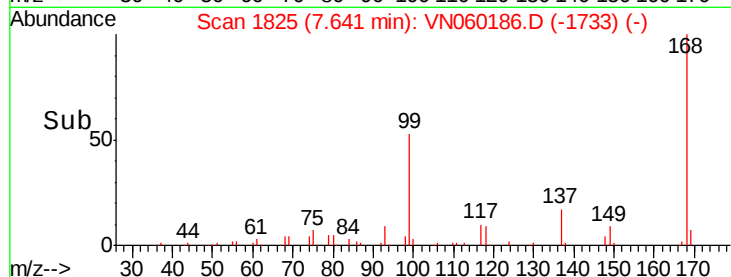
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 5.878 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN060186.D

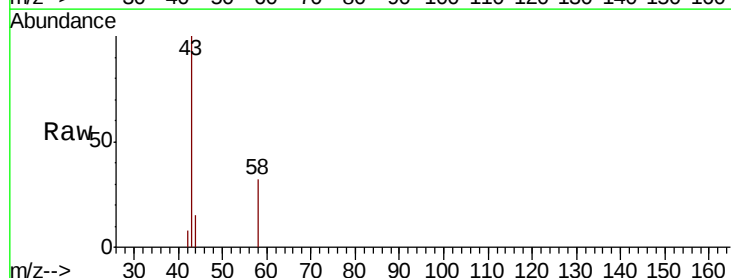
Acq: 21 Feb 2020 13:38

Tgt Ion: 43 Resp: 5562

Ion Ratio Lower Upper

43 100

58 32.3 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN060069.D (-599) (-)

3.80

2000

1500

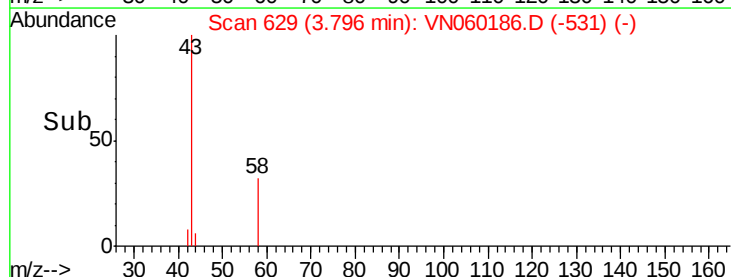
1000

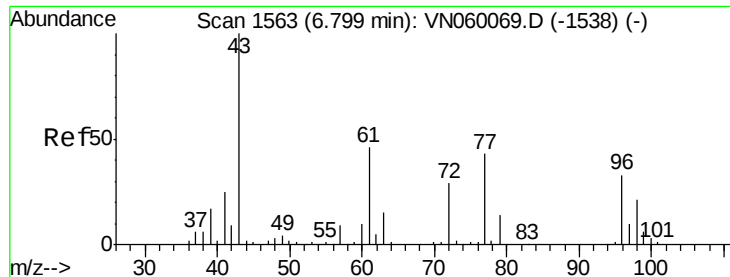
500

0

3.70 3.75 3.80 3.85

Time-->

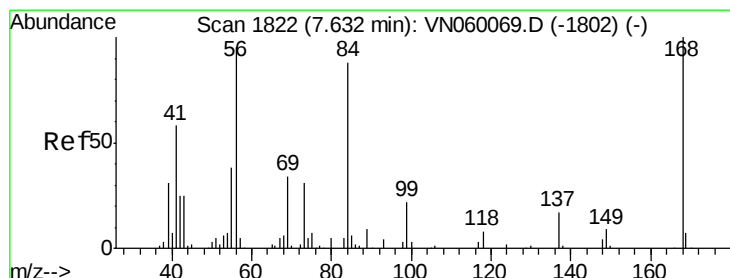
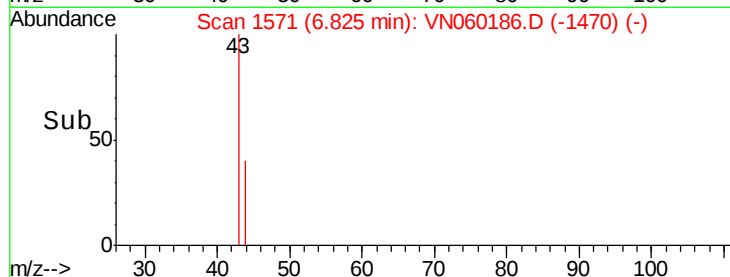
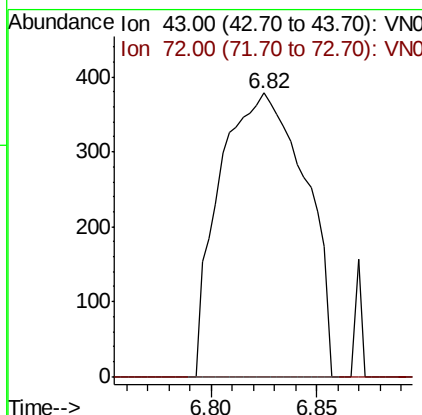
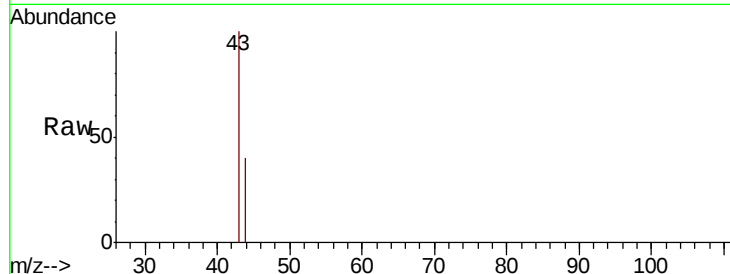




#25
2-Butanone
Concen: 0.895 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.03 min
Lab File: VN060186.D
Acq: 21 Feb 2020 13:38

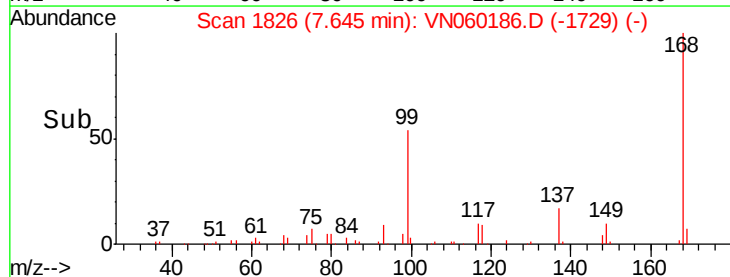
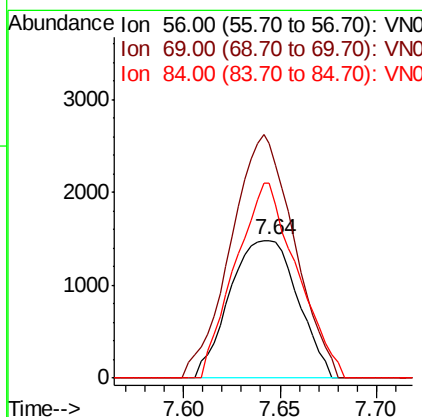
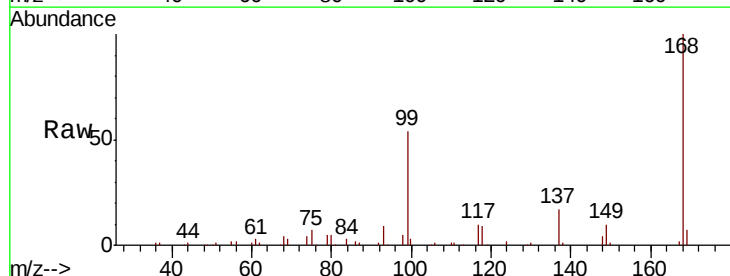
Instrument :
MSVOA_N
ClientSampled :

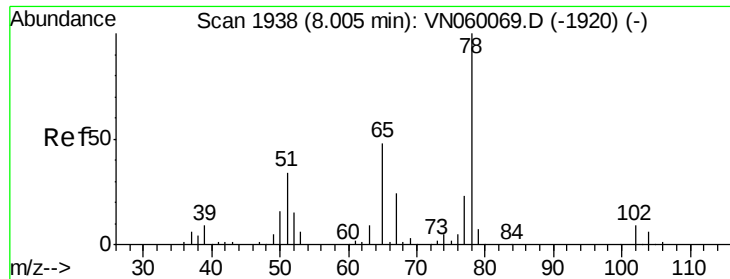
Tot Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
72 0.0 23.3 34.9#



#31
Cyclohexane
Concen: 1.180 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN060186.D
Acq: 21 Feb 2020 13:38

Tgt Ion: 56 Resp: 3619
Ion Ratio Lower Upper
56 100
69 170.3 28.3 42.5#
84 141.3 72.6 108.8#

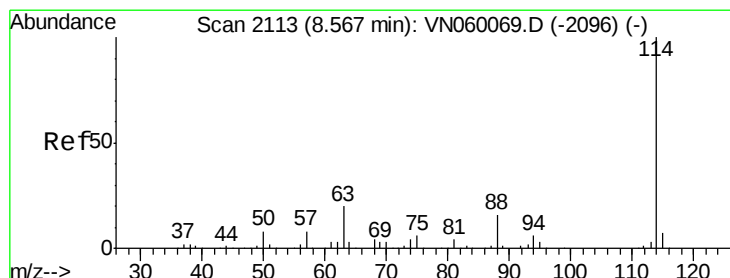
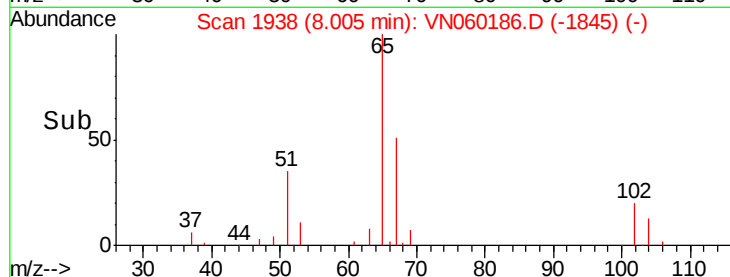
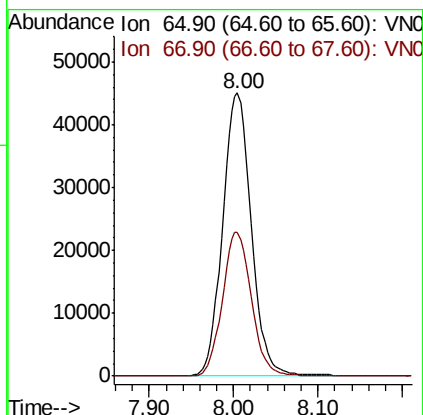
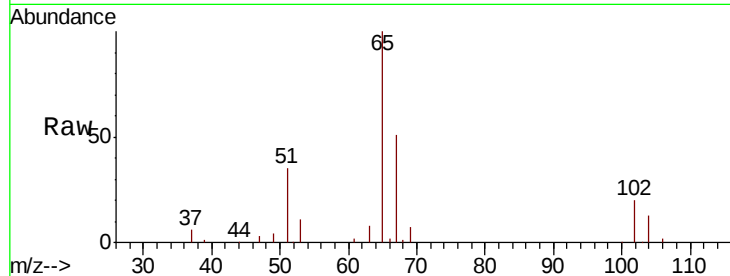




#33
 1,2-Dichloroethane-d4
 Concen: 48.940 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060186.D
 Acq: 21 Feb 2020 13:38

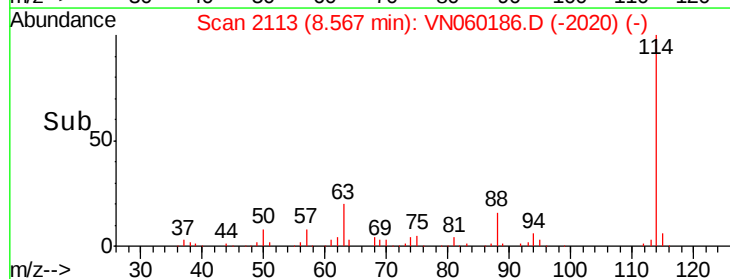
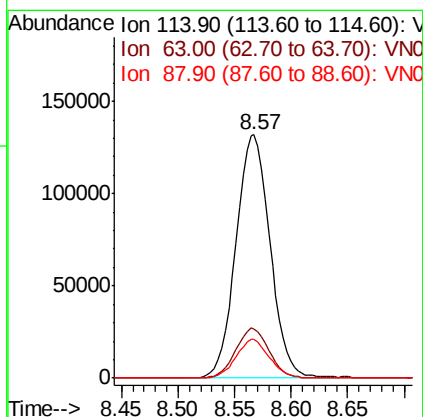
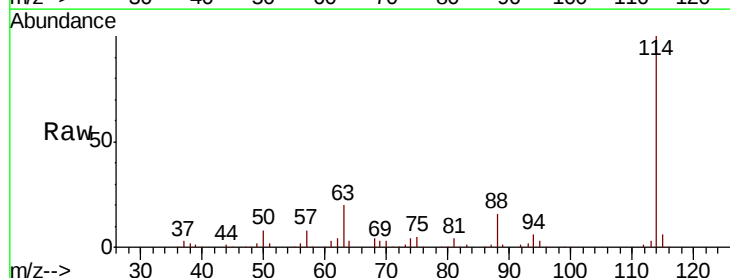
Instrument :
 MSVOA_N
 ClientSampleId :

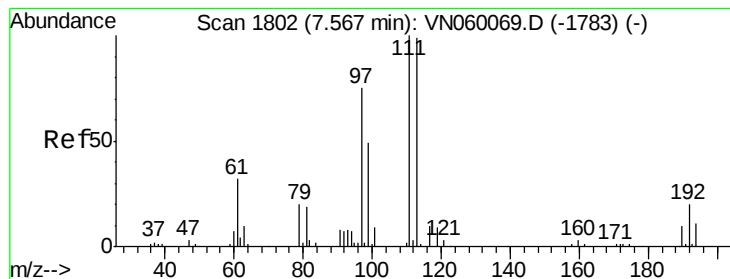
Tot Ion: 65 Resp: 106164
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060186.D
 Acq: 21 Feb 2020 13:38

Tgt Ion: 114 Resp: 277312
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.898 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060186.D

Acq: 21 Feb 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

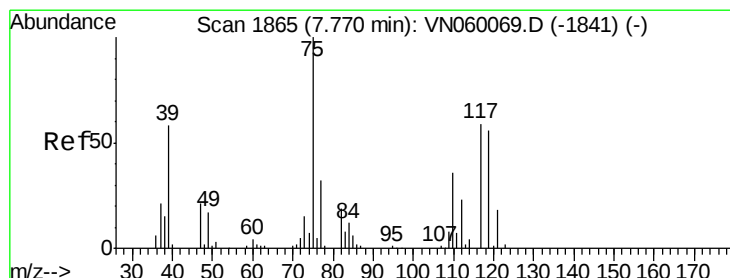
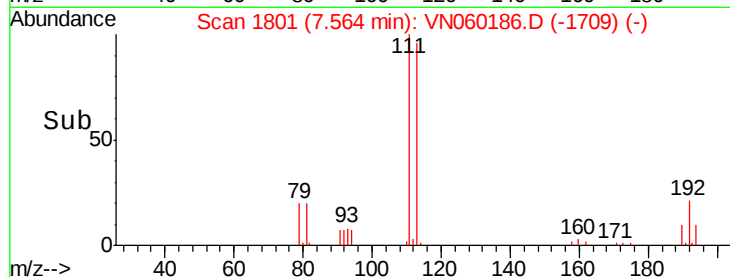
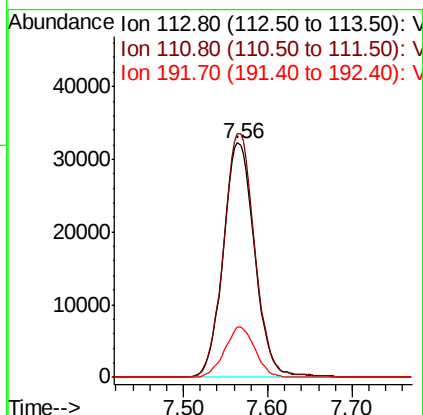
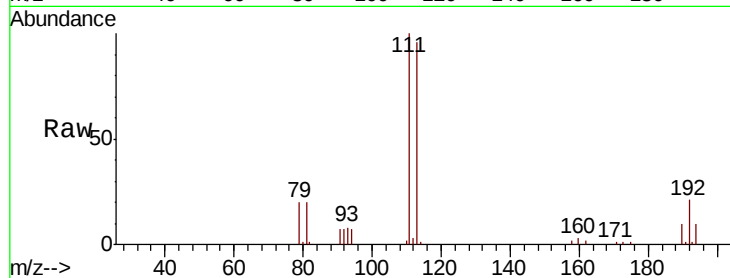
Tot Ion:113 Resp: 83354

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.2

192 20.7 16.2 24.2



#36

1,1-Dichloropropene

Concen: 4.912 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN060186.D

Acq: 21 Feb 2020 13:38

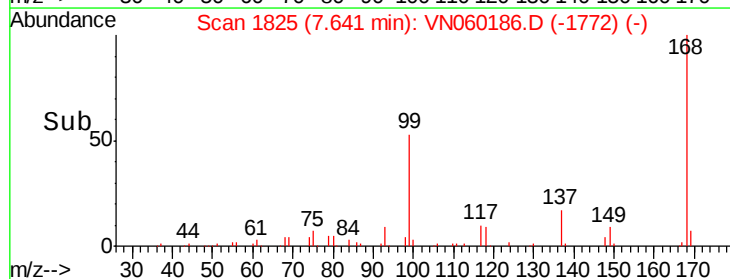
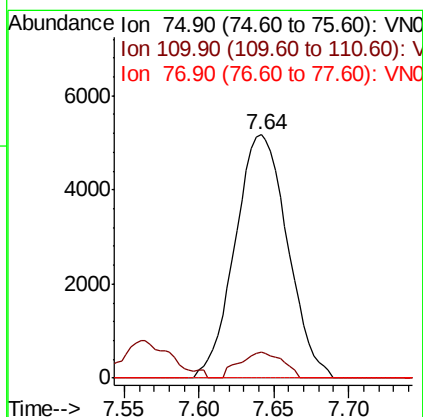
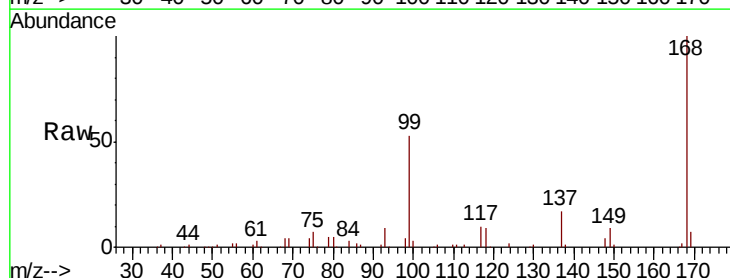
Tgt Ion: 75 Resp: 12616

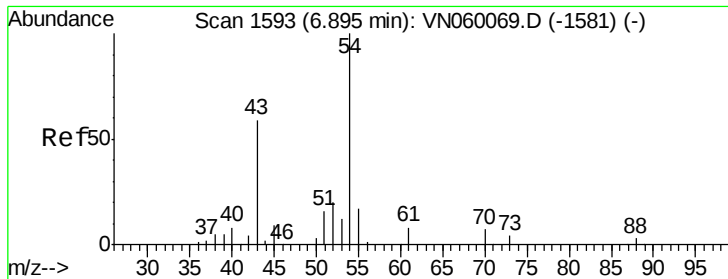
Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.3#

77 0.0 25.1 37.7#

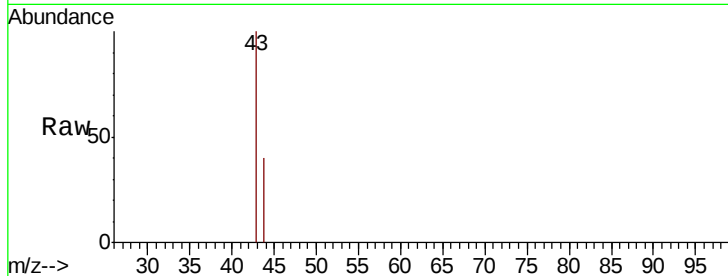




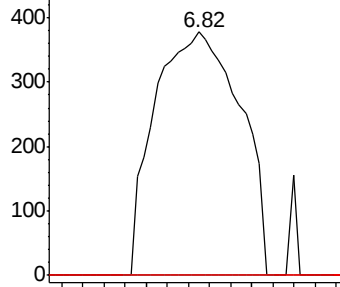
#37
Ethyl Acetate
Concen: 0.459 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.07 min
Lab File: VN060186.D
Acq: 21 Feb 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :

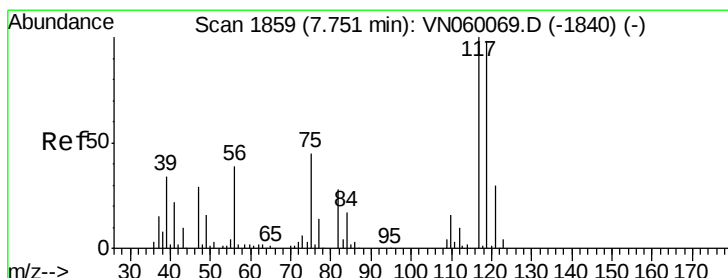
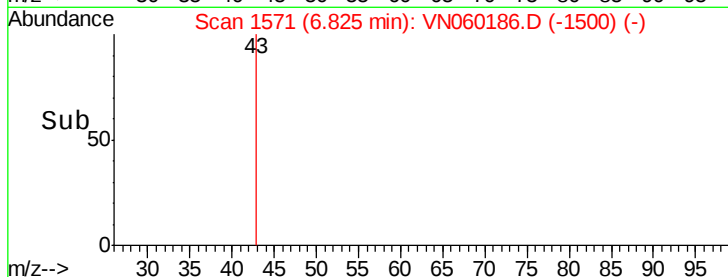
Tot Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

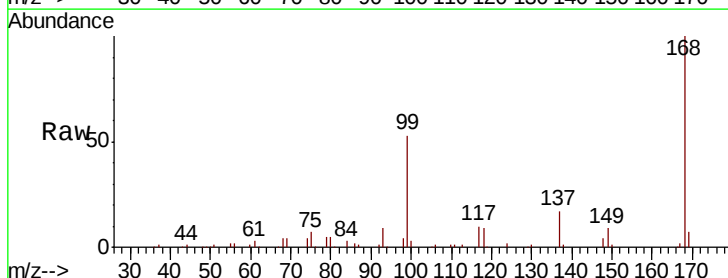


Time-->

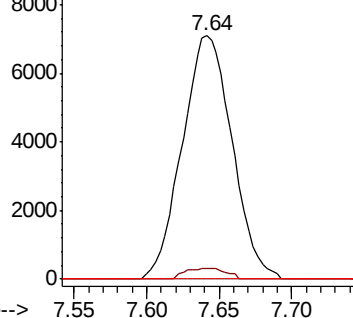


#38
Carbon Tetrachloride
Concen: 6.085 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN060186.D
Acq: 21 Feb 2020 13:38

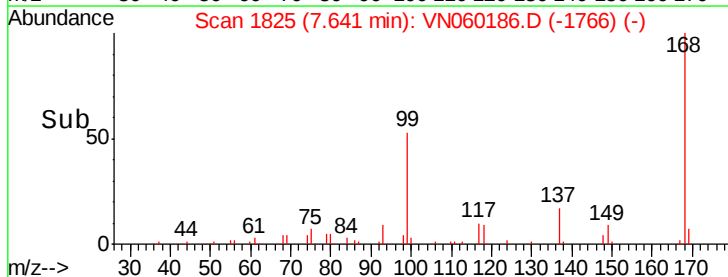
Tgt Ion: 117 Resp: 16974
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.4#
121 0.0 24.2 36.2#

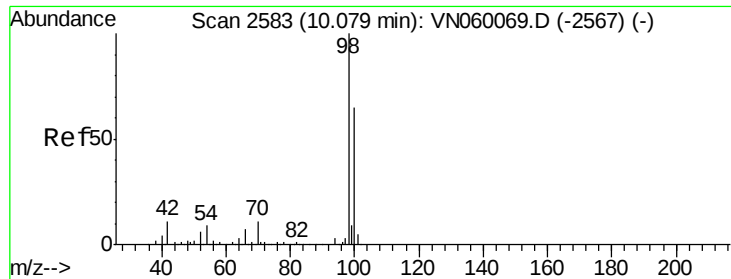


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



Time-->





#50

Toluene-d8

Concen: 49.661 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060186.D

Acq: 21 Feb 2020 13:38

Instrument :

MSVOA_N

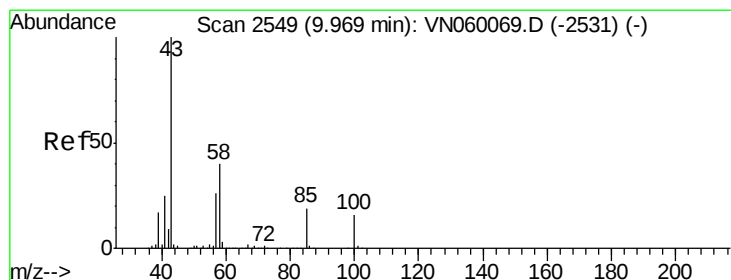
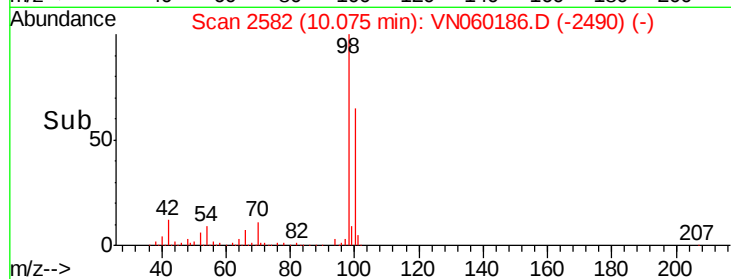
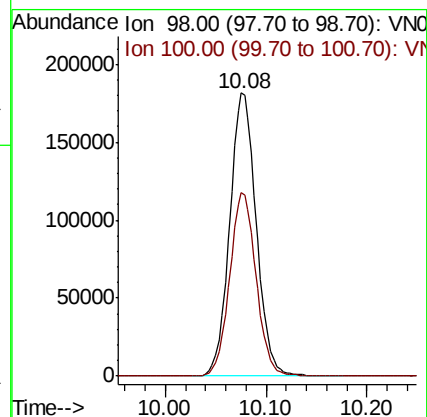
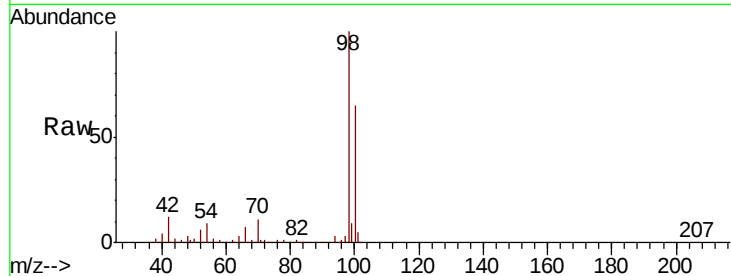
ClientSampled :

Tot Ion: 98 Resp: 333362

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 0.447 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN060186.D

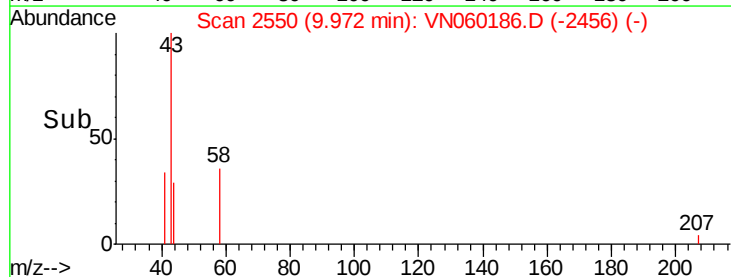
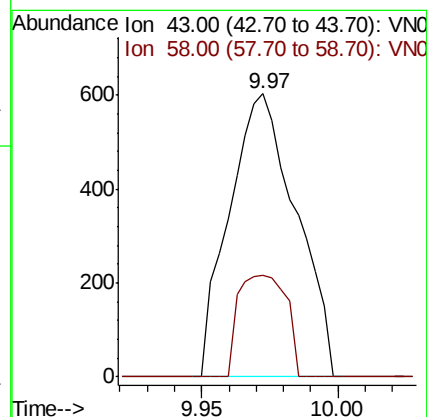
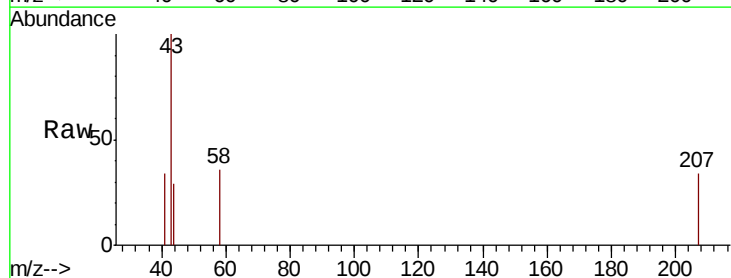
Acq: 21 Feb 2020 13:38

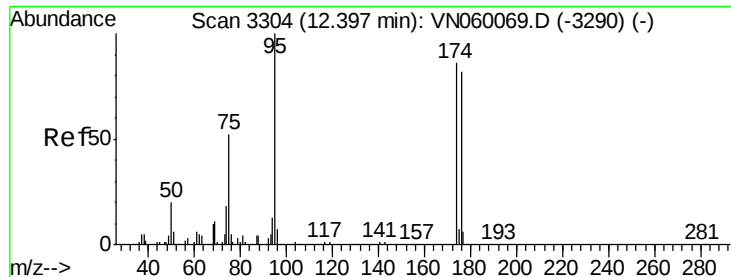
Tgt Ion: 43 Resp: 1026

Ion Ratio Lower Upper

43 100

58 25.7 31.8 47.8#





#62

4-Bromofluorobenzene

Concen: 47.351 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060186.D

Acq: 21 Feb 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

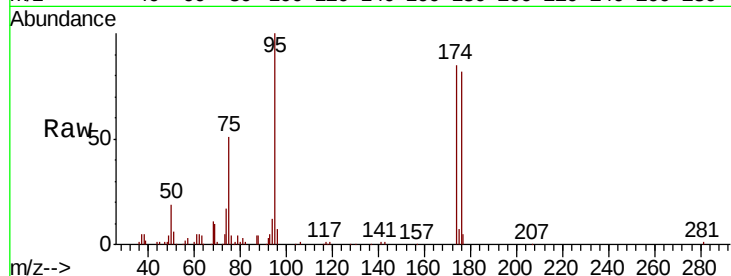
Tot Ion: 95 Resp: 116797

Ion Ratio Lower Upper

95 100

174 85.3 0.0 169.8

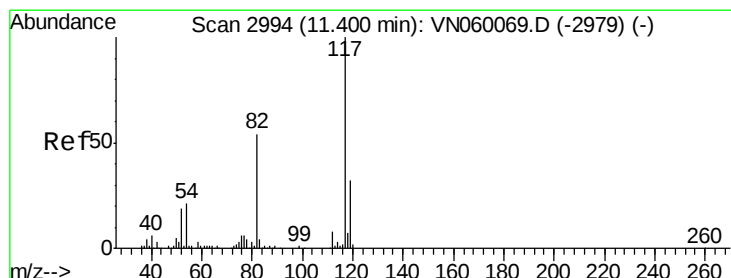
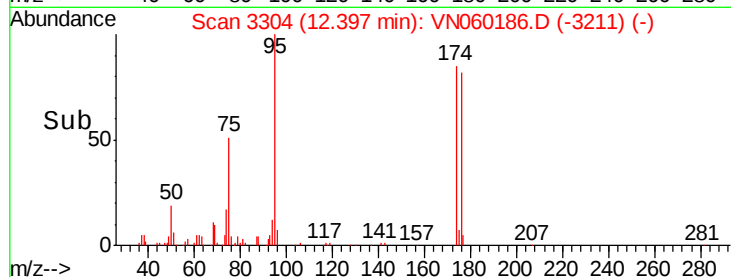
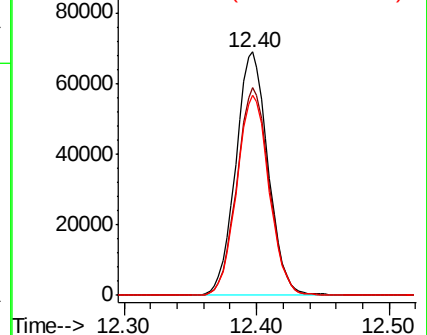
176 82.2 0.0 164.8



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

Ion 173.80 (173.50 to 174.50): VN060069.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): 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: VN060186.D

Acq: 21 Feb 2020 13:38

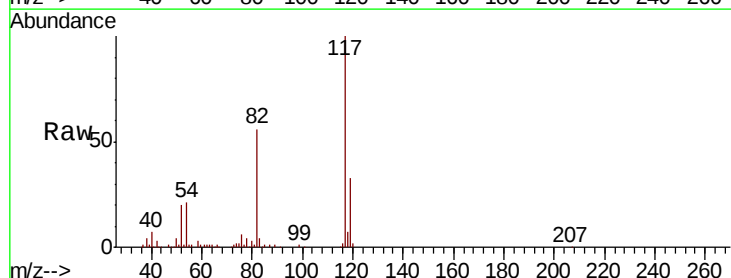
Tgt Ion: 117 Resp: 254755

Ion Ratio Lower Upper

117 100

82 56.1 43.4 65.0

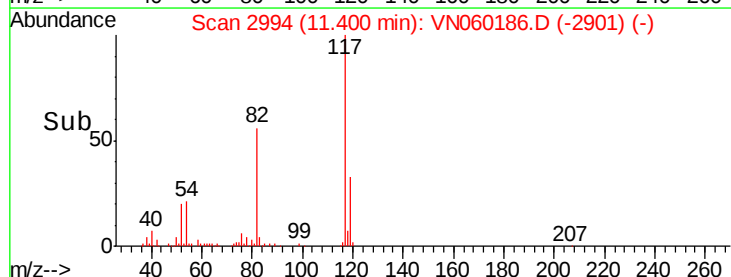
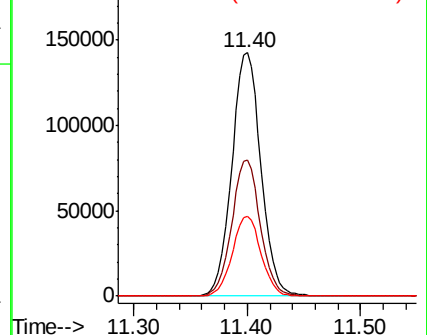
119 32.8 25.8 38.6

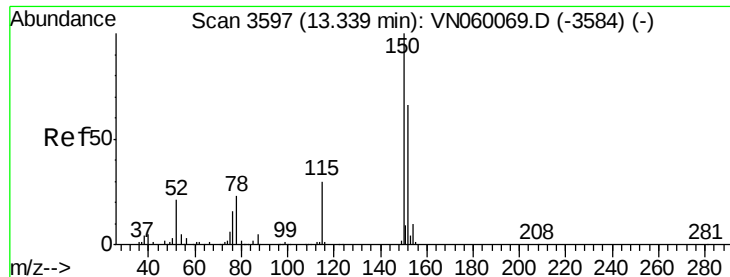


Abundance Ion 116.90 (116.60 to 117.60): VN060069.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060069.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060069.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060186.D

Acq: 21 Feb 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

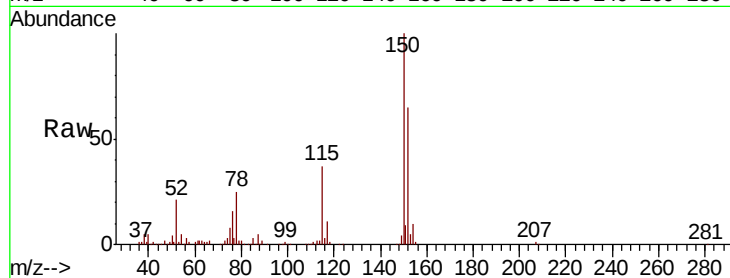
Tot Ion:152 Resp: 110310

Ion Ratio Lower Upper

152 100

115 58.5 28.9 86.8

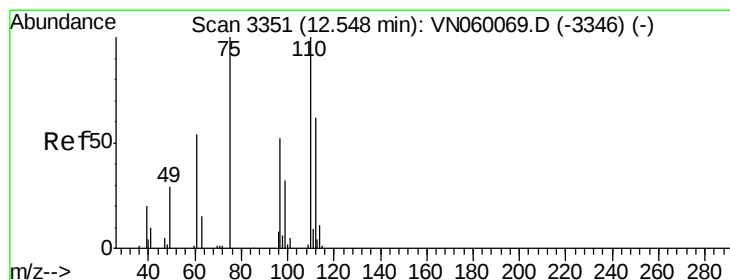
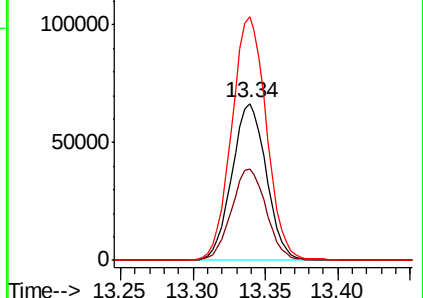
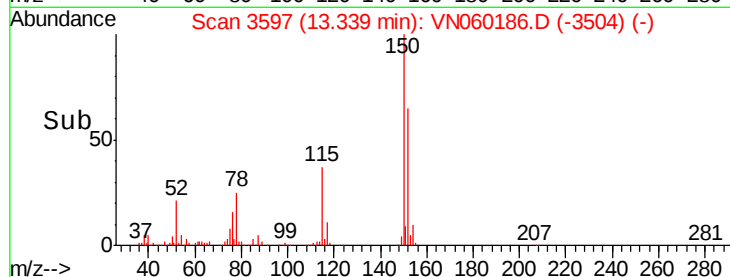
150 156.5 0.0 342.4



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: 28.995 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060186.D

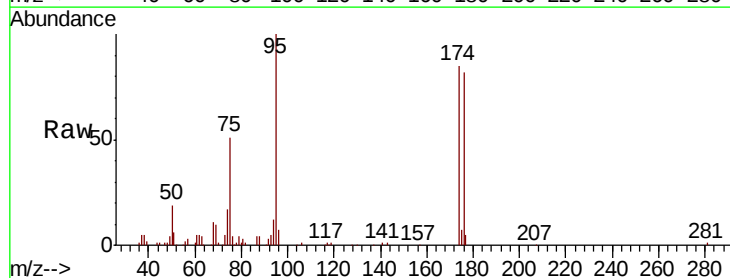
Acq: 21 Feb 2020 13:38

Tgt Ion: 75 Resp: 61192

Ion Ratio Lower Upper

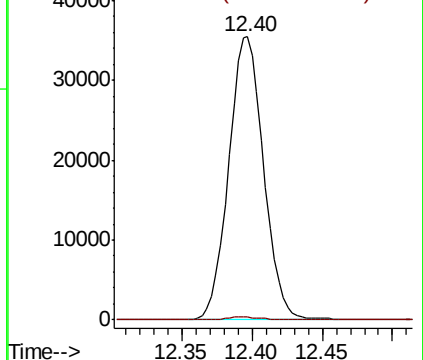
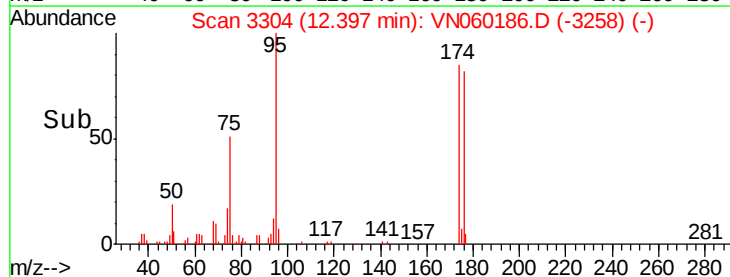
75 100

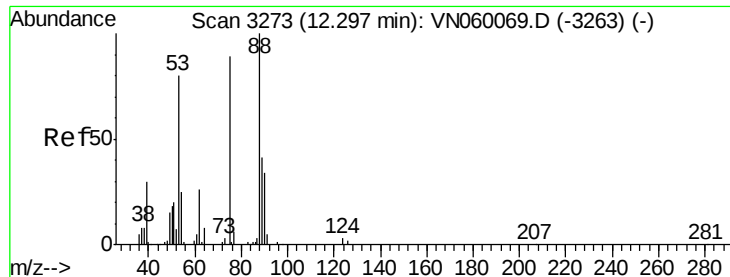
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 70.993 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060186.D

Acq: 21 Feb 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

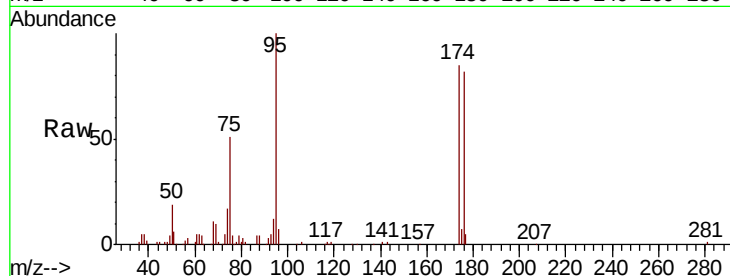
Tot Ion: 75 Resp: 61192

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

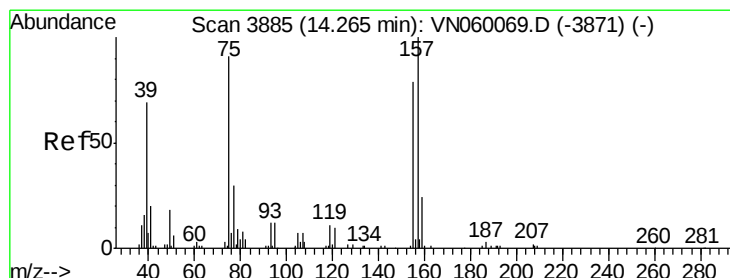
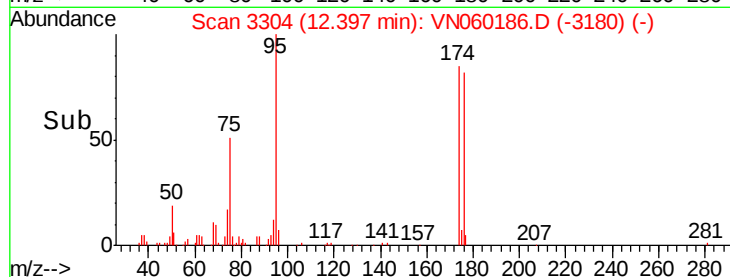
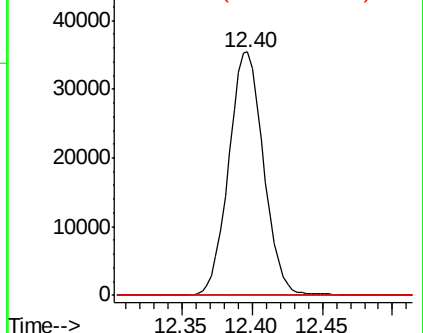
89 0.0 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VN060186.D (-3304) (-)

Ion 53.00 (52.70 to 53.70): VN060186.D (-3304) (-)

Ion 88.90 (88.60 to 89.60): VN060186.D (-3304) (-)



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.38 min Scan# 3921

Delta R.T. 0.12 min

Lab File: VN060186.D

Acq: 21 Feb 2020 13:38

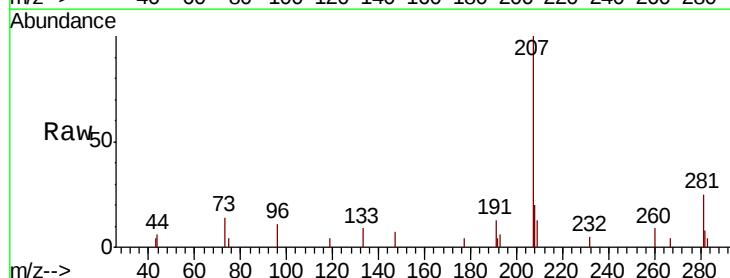
Tgt Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.0#

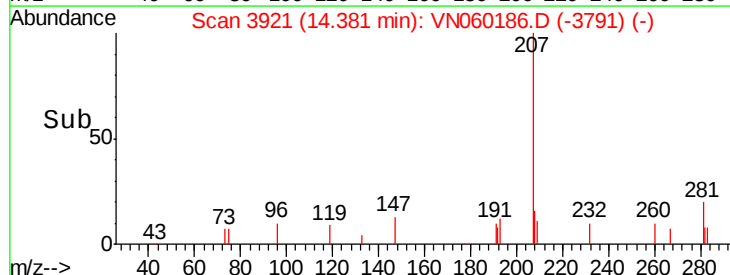
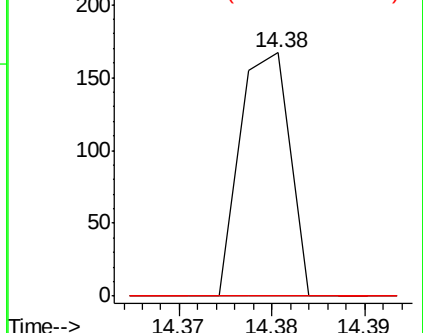
157 0.0 54.9 164.5#

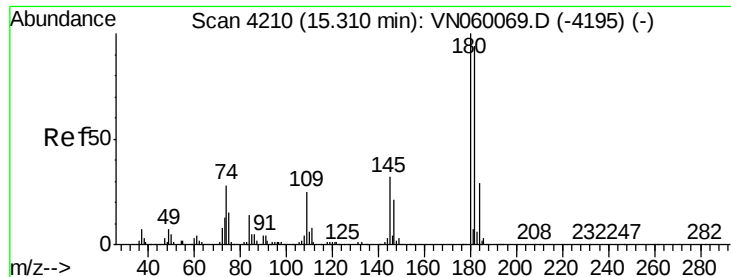


Abundance Ion 74.90 (74.60 to 75.60): VN060186.D (-3921) (-)

Ion 154.80 (154.50 to 155.50): VN060186.D (-3921) (-)

Ion 156.80 (156.50 to 157.50): VN060186.D (-3921) (-)





#96
 1,2,3-Trichlorobenzene
 Concen: 0.221 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. -0.01 min
 Lab File: VN060186.D
 Acq: 21 Feb 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	69.8	47.5	142.5
145	23.2	16.1	48.3

