

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060996.D
 Acq On : 16 Apr 2020 4:43
 Operator : JC/MD
 Sample : L2249-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 06:45:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

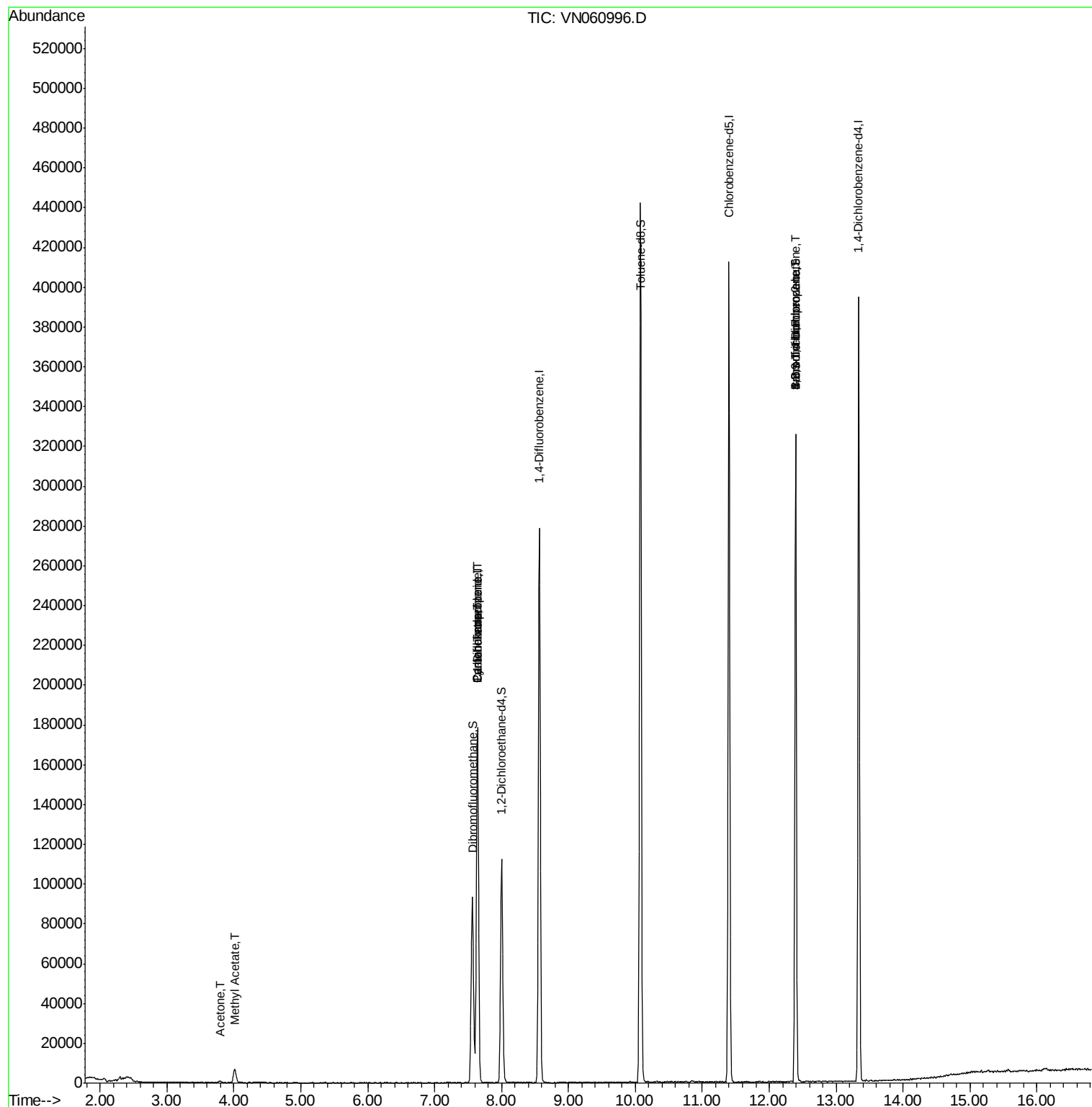
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	143593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	244040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	230619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	101987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	96181	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
35) Dibromofluoromethane	7.56	113	72586	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	10.08	98	303759	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.39	95	114011	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	1956	2.801	ug/l	98
18) Methyl Acetate	4.00	43	2471	1.257	ug/l #	54
31) Cyclohexane	7.64	56	3106	0.978	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11311	4.787	ug/l #	48
38) Carbon Tetrachloride	7.64	117	13912	6.569	ug/l #	15
71) Bromoform	12.40	173	654	2.140	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	58587	26.622	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	58587	68.374	ug/l #	13

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

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Quant Time: Apr 16 06:45:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 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: VN060996.D

Acq: 16 Apr 2020 4:43

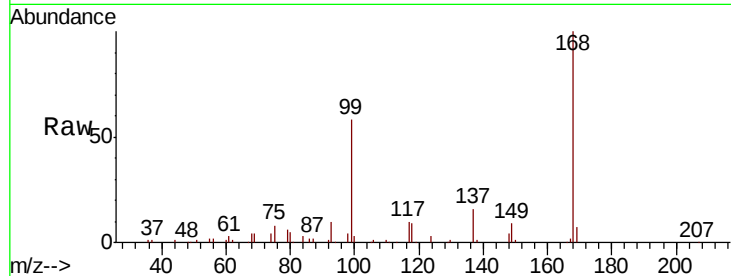
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 143593

Ion Ratio Lower Upper

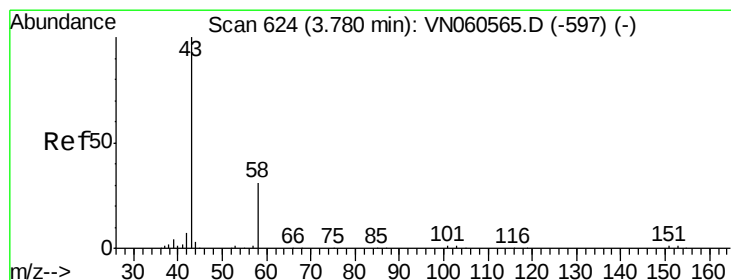
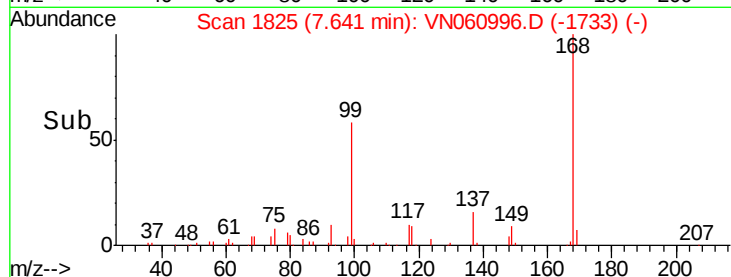
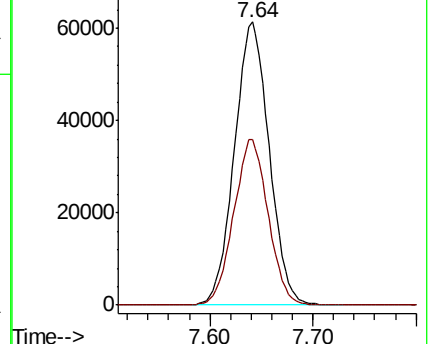
168 100

99 58.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 2.801 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060996.D

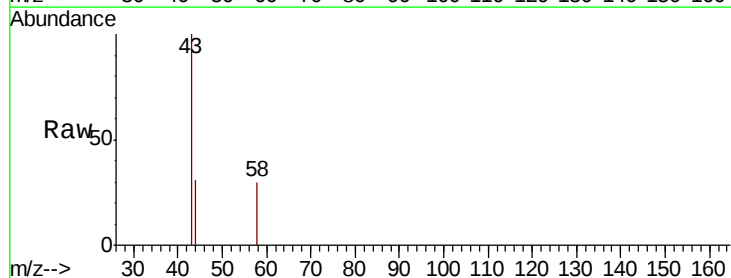
Acq: 16 Apr 2020 4:43

Tgt Ion: 43 Resp: 1956

Ion Ratio Lower Upper

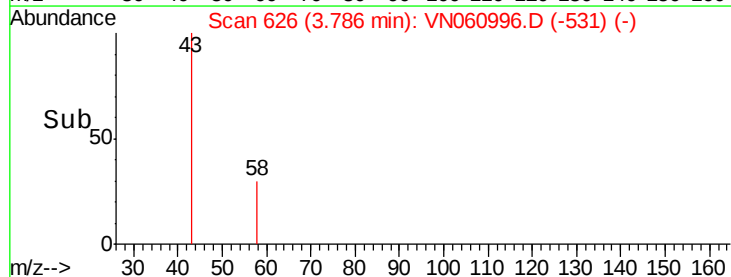
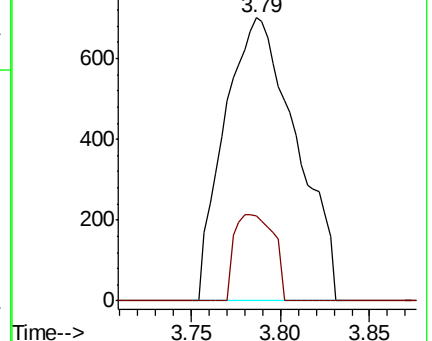
43 100

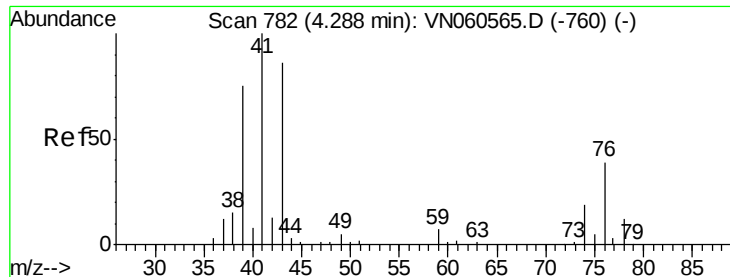
58 30.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

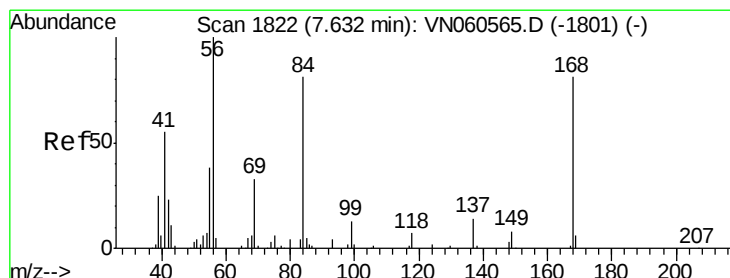
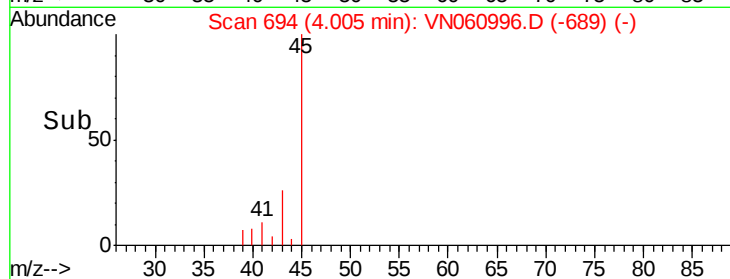
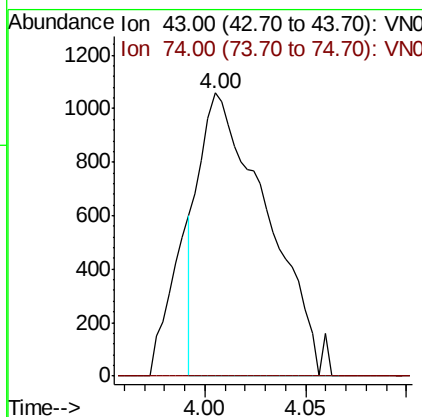
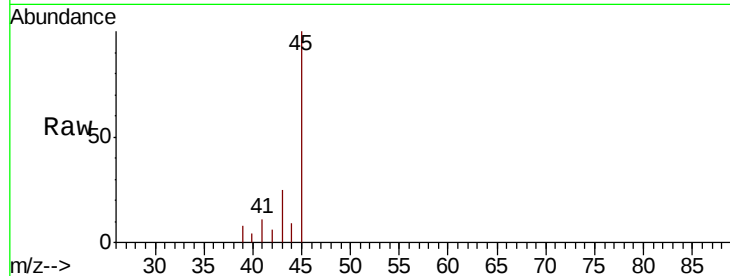




#18
Methvl Acetate
Concen: 1.257 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.28 min
Lab File: VN060996.D
Acq: 16 Apr 2020 4:43

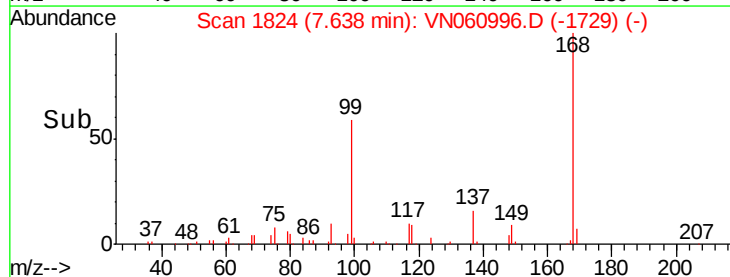
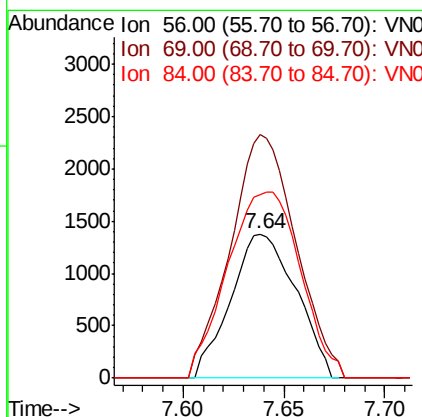
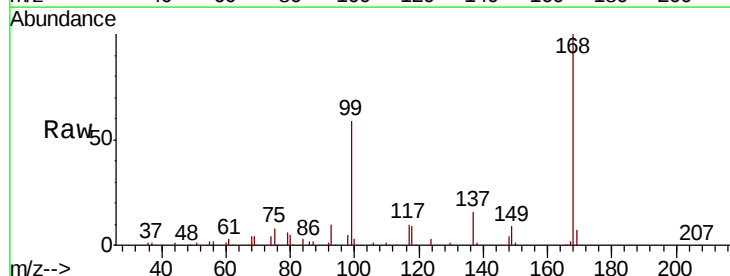
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 2471
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#31
Cyclohexane
Concen: 0.978 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN060996.D
Acq: 16 Apr 2020 4:43

Tgt Ion: 56 Resp: 3106
Ion Ratio Lower Upper
56 100
69 168.9 26.6 40.0#
84 127.6 64.3 96.5#

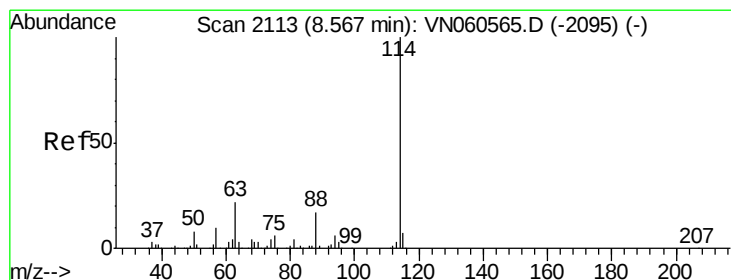
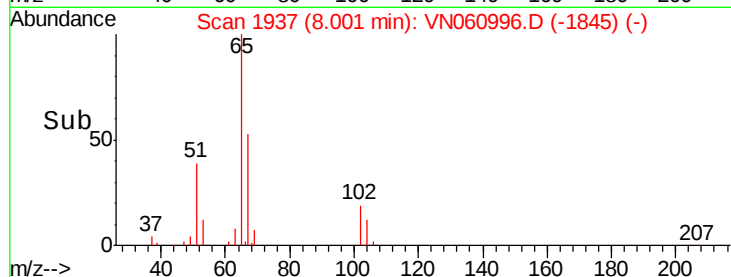
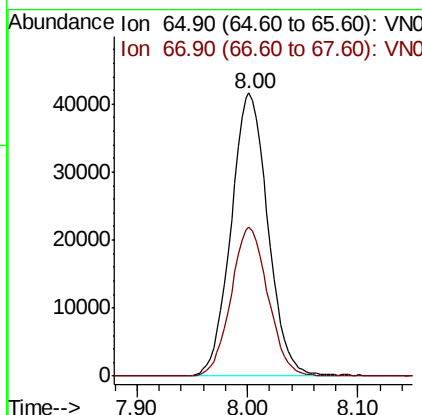
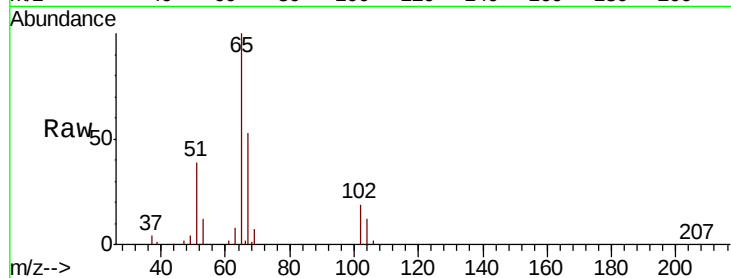




#33
 1,2-Dichloroethane-d4
 Concen: 48.793 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060996.D
 Acq: 16 Apr 2020 4:43

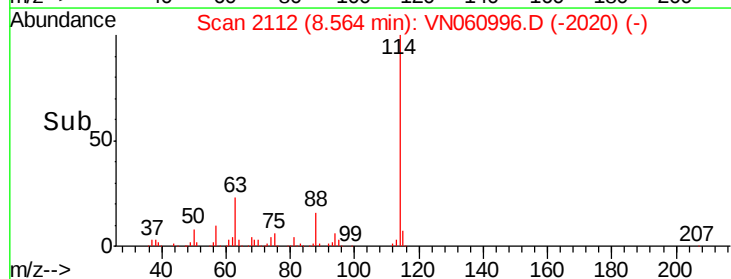
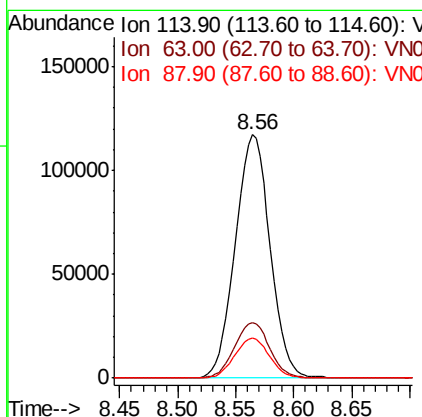
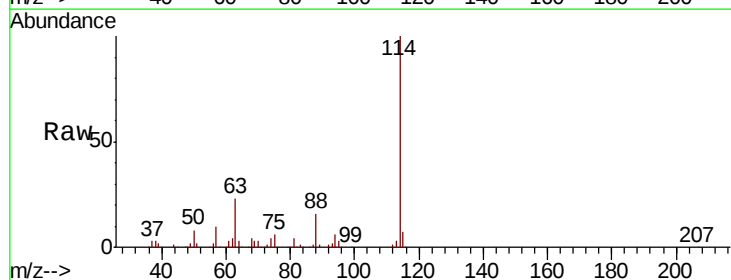
Instrument :
 MSVOA_N
 ClientSampleId :

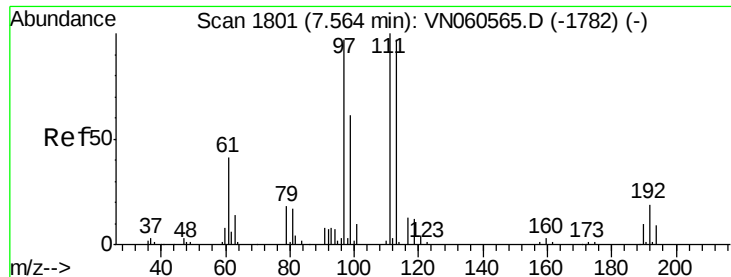
Tot Ion: 65 Resp: 96181
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060996.D
 Acq: 16 Apr 2020 4:43

Tgt Ion: 114 Resp: 244040
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.8
 88 16.4 0.0 33.0

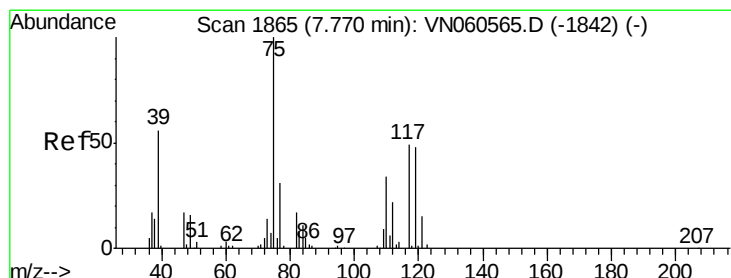
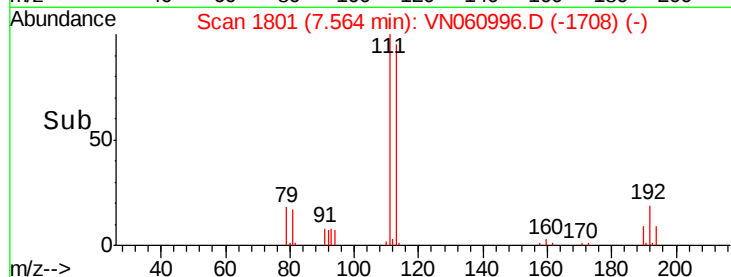
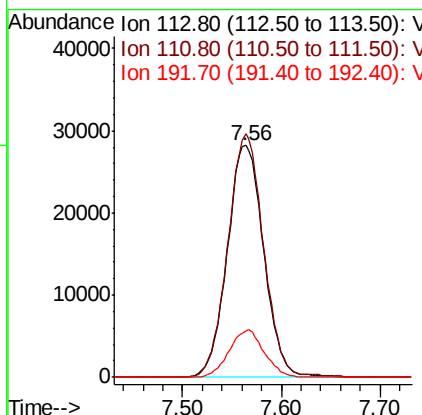
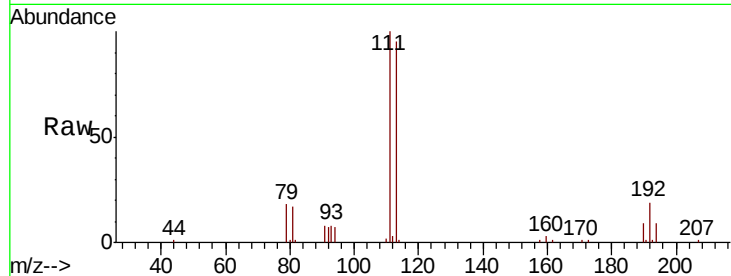




#35
 Dibromofluoromethane
 Concen: 49.190 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060996.D
 Acq: 16 Apr 2020 4:43

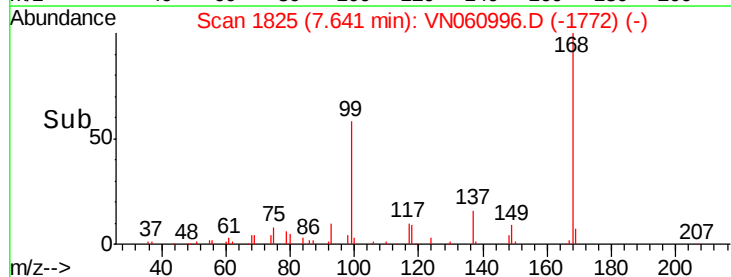
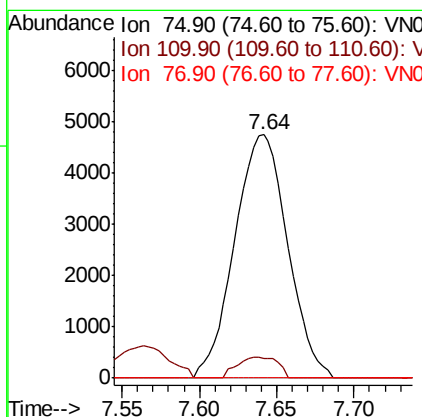
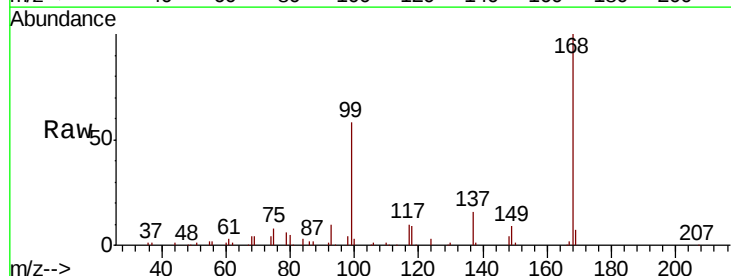
Instrument :
 MSVOA_N
 ClientSampled :

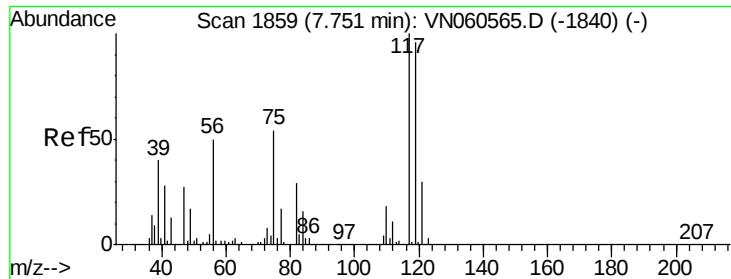
Tot Ion:113 Resp: 72586
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 19.6 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.787 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060996.D
 Acq: 16 Apr 2020 4:43

Tgt Ion: 75 Resp: 11311
 Ion Ratio Lower Upper
 75 100
 110 6.5 16.9 50.6#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.569 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060996.D

Acq: 16 Apr 2020 4:43

Instrument :

MSVOA_N

ClientSampled :

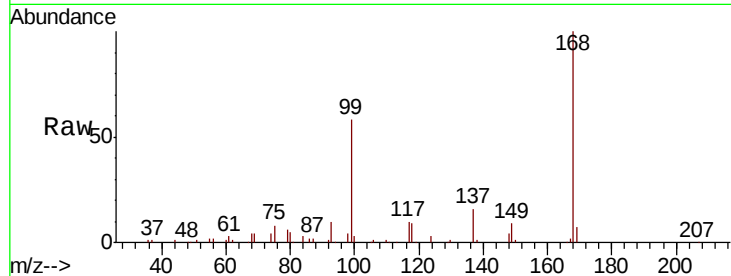
Tot Ion:117 Resp: 13912

Ion Ratio Lower Upper

117 100

119 4.0 76.2 114.2#

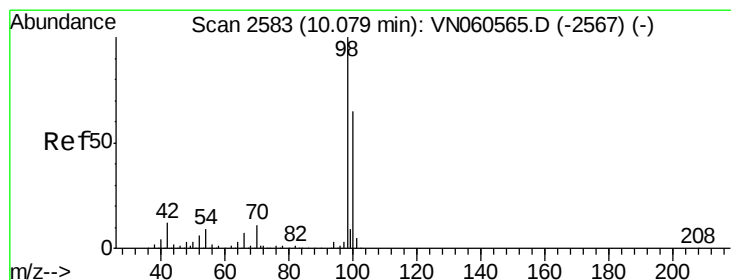
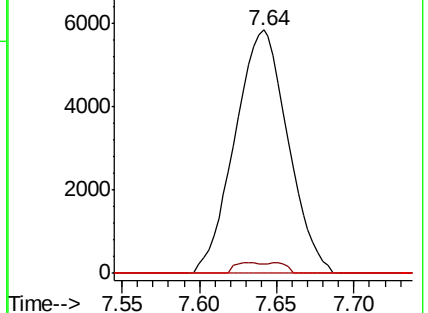
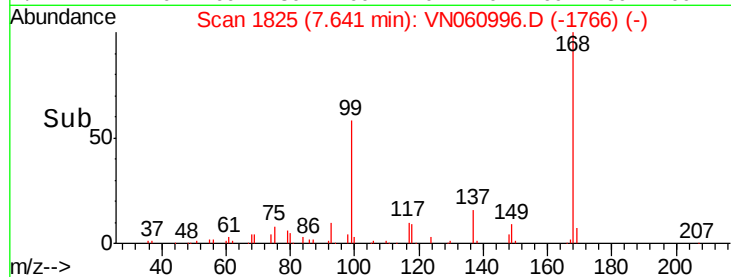
121 0.0 23.7 35.5#



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: 50.397 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060996.D

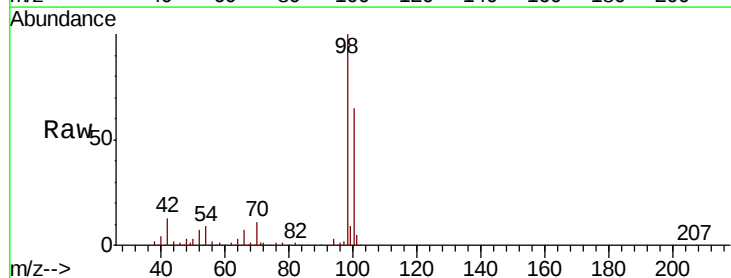
Acq: 16 Apr 2020 4:43

Tgt Ion: 98 Resp: 303759

Ion Ratio Lower Upper

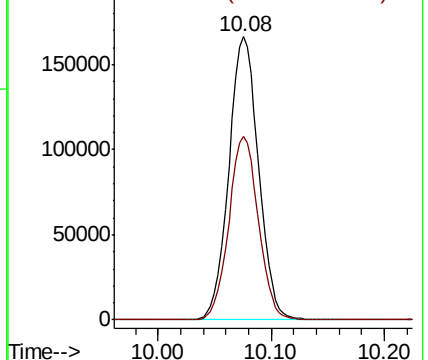
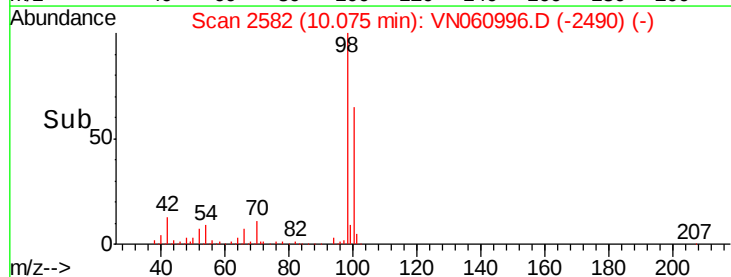
98 100

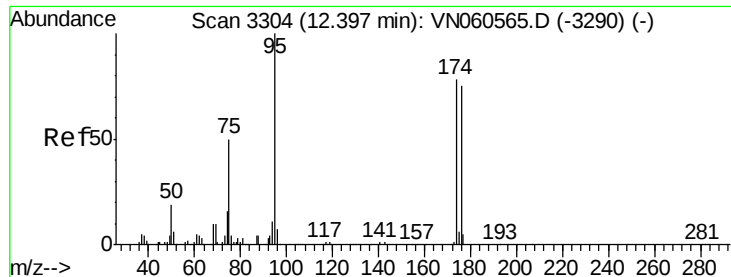
100 64.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 51.613 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060996.D

Acq: 16 Apr 2020 4:43

Instrument :

MSVOA_N

ClientSampleId :

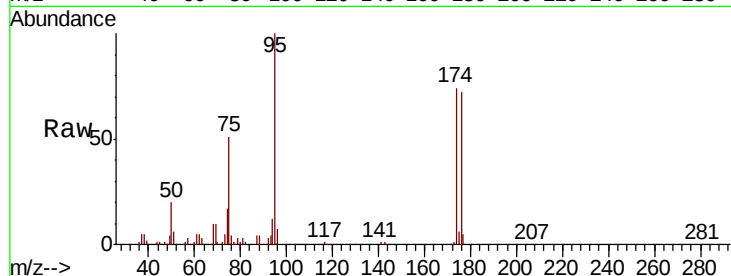
Tot Ion: 95 Resp: 114011

Ion Ratio Lower Upper

95 100

174 75.7 0.0 157.6

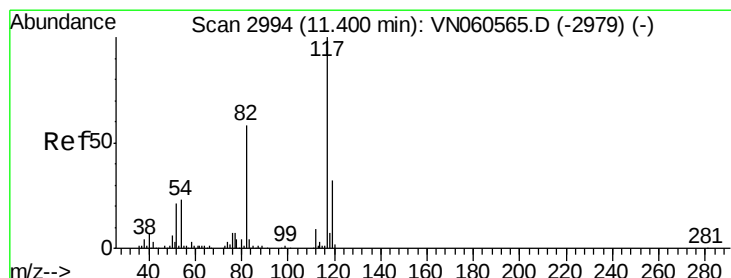
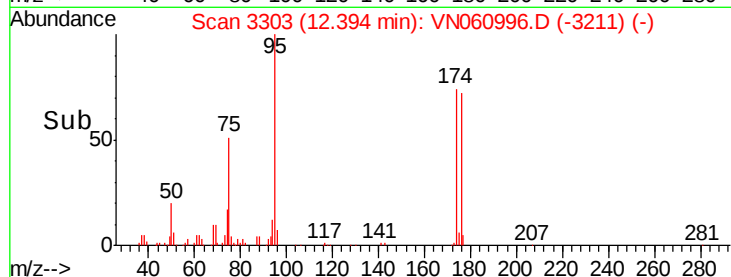
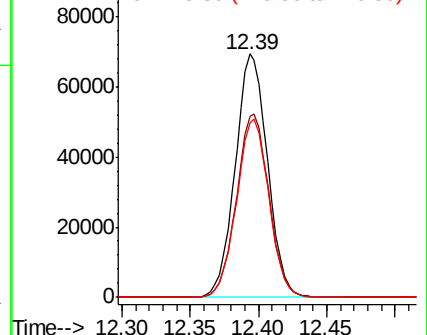
176 73.3 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060565.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060565.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060565.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060996.D

Acq: 16 Apr 2020 4:43

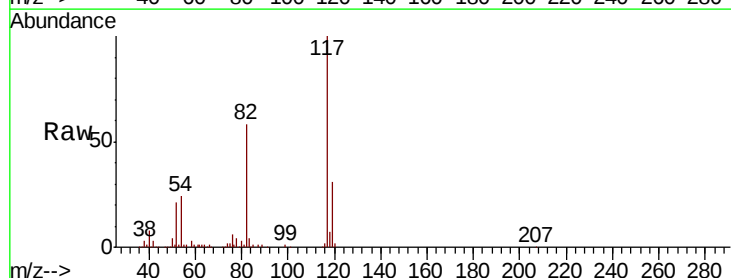
Tgt Ion: 117 Resp: 230619

Ion Ratio Lower Upper

117 100

82 58.1 46.7 70.1

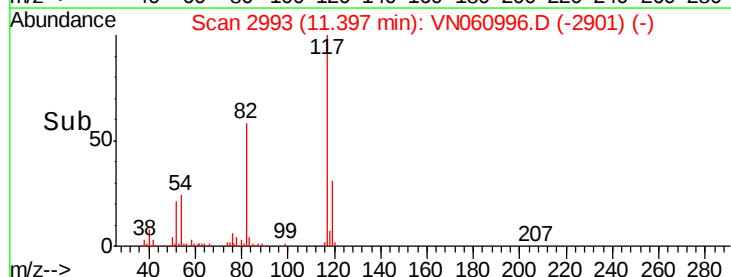
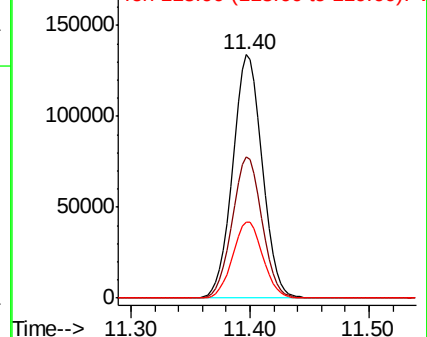
119 31.2 25.5 38.3

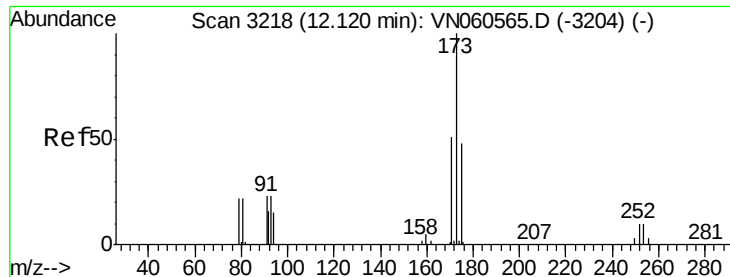


Abundance Ion 116.90 (116.60 to 117.60): VN060565.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060565.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060565.D (-2979) (-)





#71

Bromoform

Concen: 2.140 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.28 min

Lab File: VN060996.D

Acq: 16 Apr 2020 4:43

Instrument :

MSVOA_N

ClientSampled :

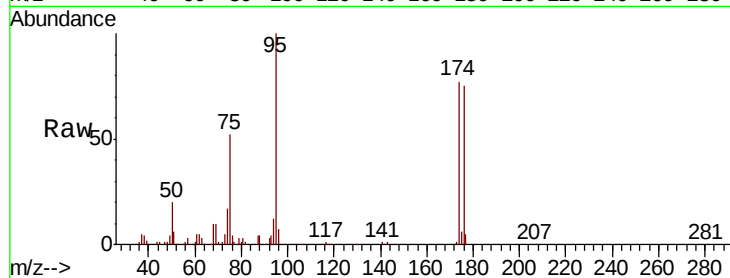
Tot Ion:173 Resp: 654

Ion Ratio Lower Upper

173 100

175 857.3 24.1 72.4#

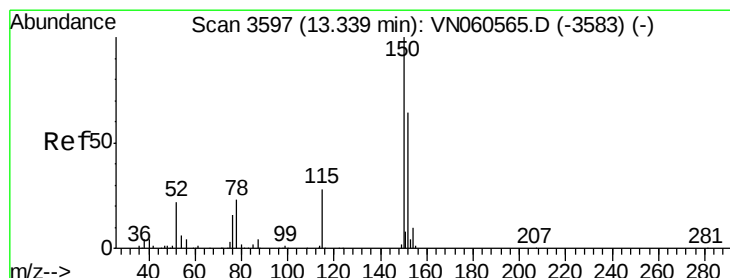
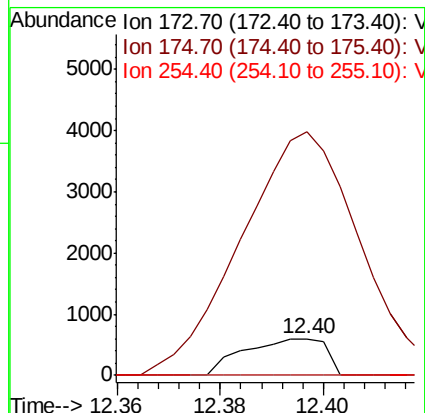
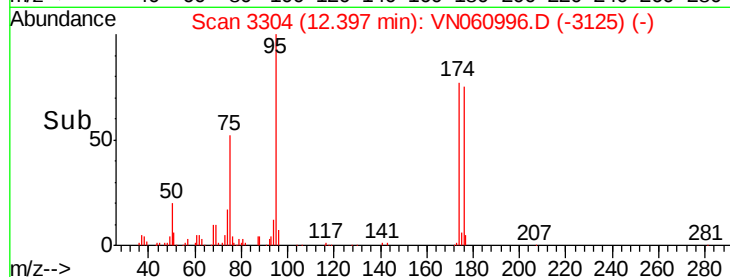
254 0.0 0.0 0.0



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: 13.34 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN060996.D

Acq: 16 Apr 2020 4:43

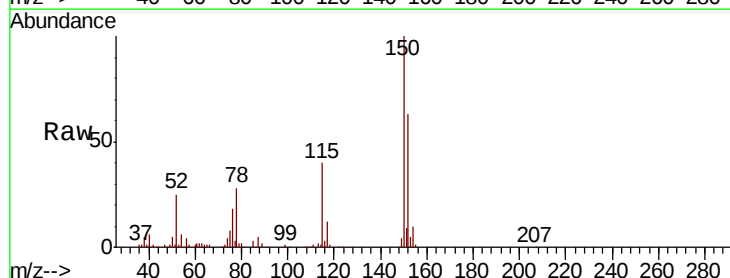
Tgt Ion:152 Resp: 101987

Ion Ratio Lower Upper

152 100

115 62.6 30.2 90.6

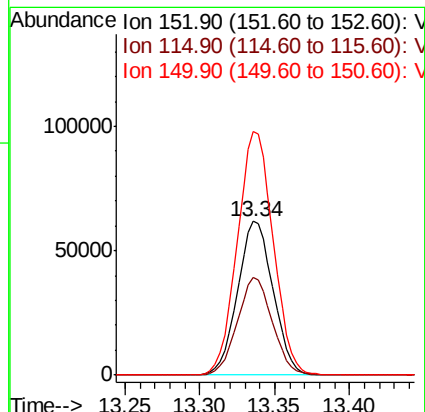
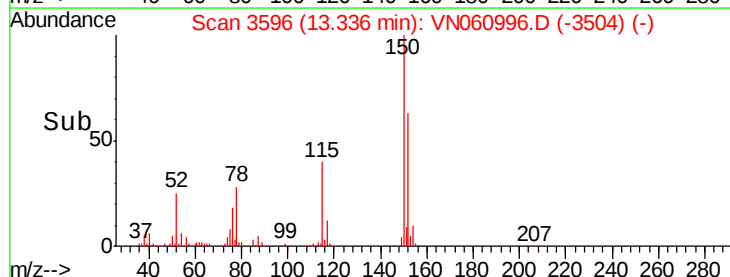
150 160.2 0.0 350.2

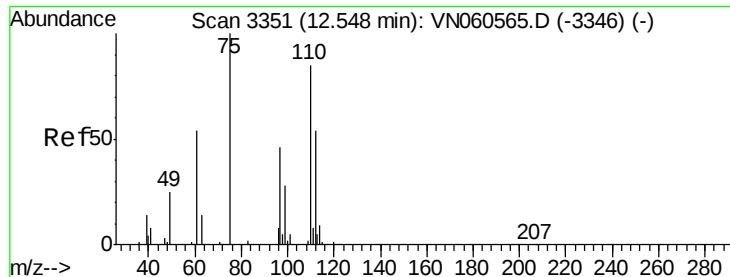


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.622 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN060996.D

Acq: 16 Apr 2020 4:43

Instrument :

MSVOA_N

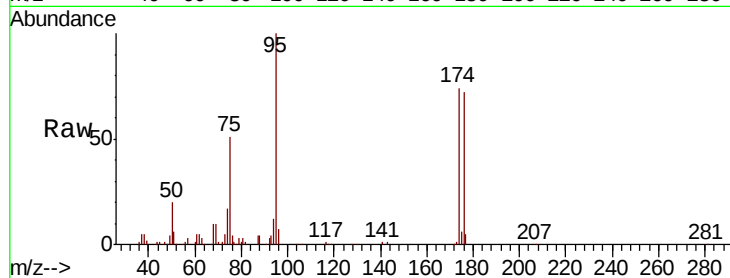
ClientSampleId :

Tot Ion: 75 Resp: 58587

Ion Ratio Lower Upper

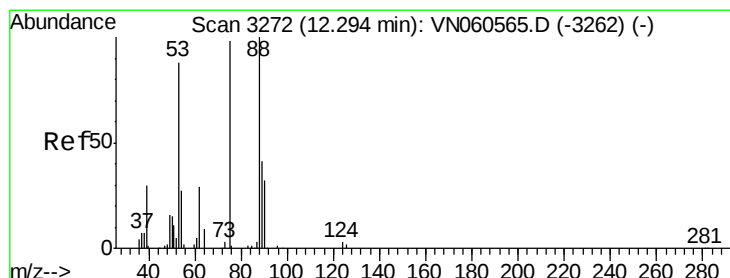
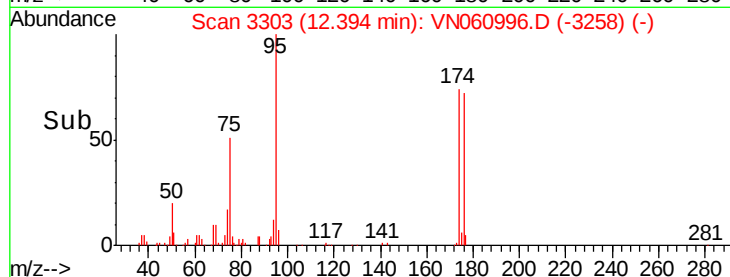
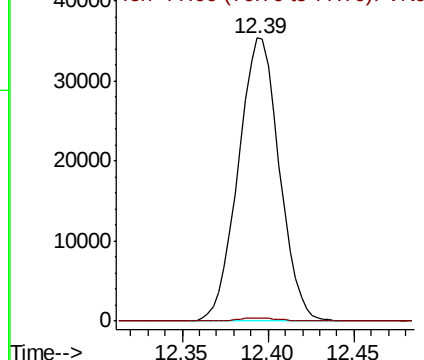
75 100

77 1.0 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: 68.374 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN060996.D

Acq: 16 Apr 2020 4:43

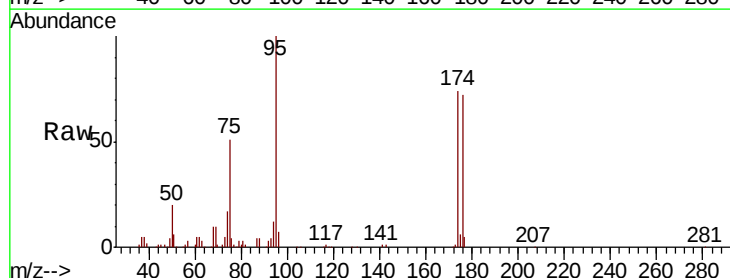
Tgt Ion: 75 Resp: 58587

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

