

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101619\
 Data File : VN058801.D
 Acq On : 16 Oct 2019 15:05
 Operator : JC/SP
 Sample : K5398-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 17 01:33:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

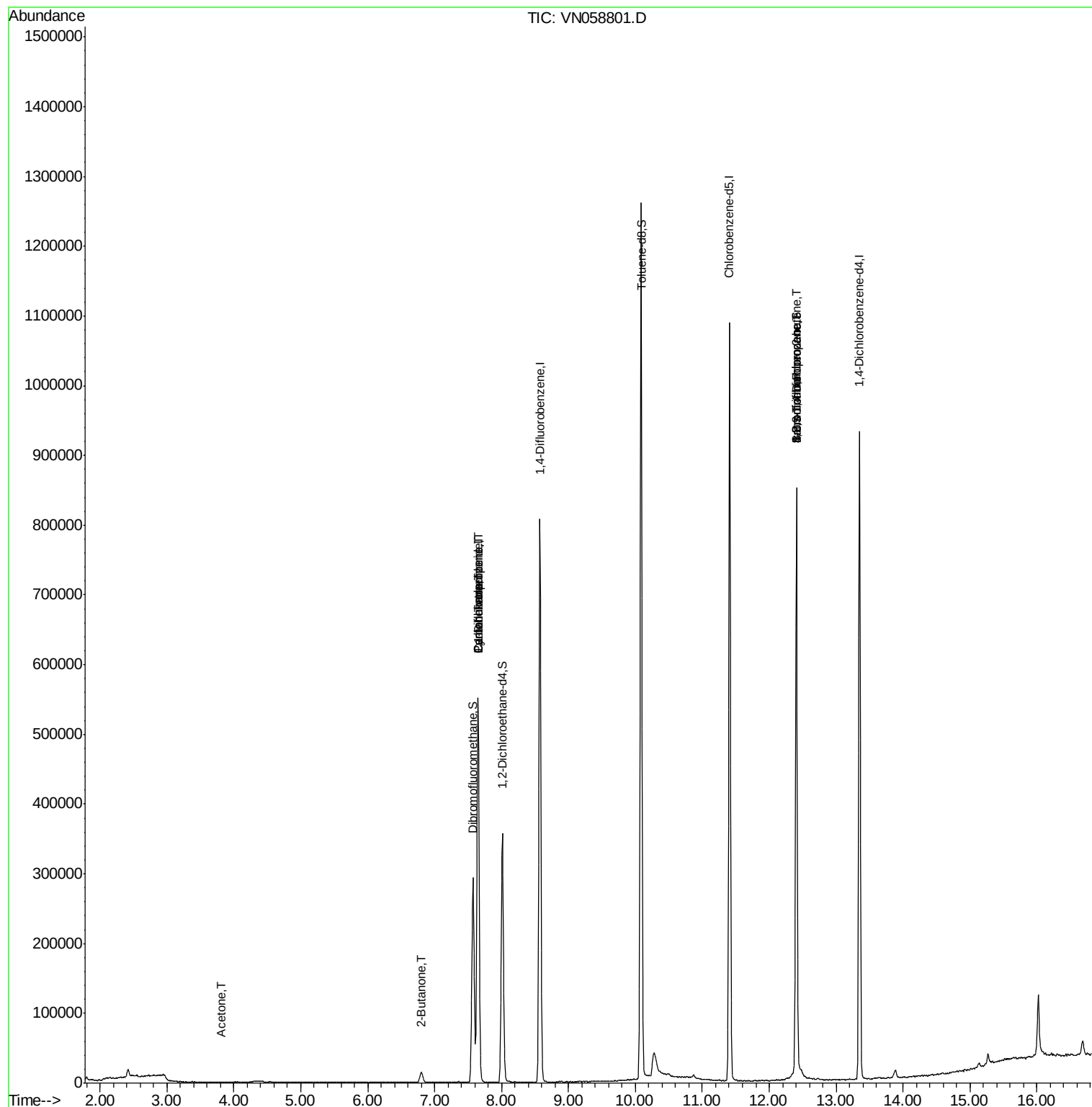
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	426033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	676928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	601411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	241035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	312390	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
35) Dibromofluoromethane	7.57	113	223690	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	10.08	98	855340	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.41	95	281569	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	
Target Compounds						
					Qvalue	
16) Acetone	3.81	43	1049	0.425	ug/l #	46
25) 2-Butanone	6.80	43	1040	0.291	ug/l #	50
31) Cyclohexane	7.65	56	10449	1.194	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	36530	5.337	ug/l #	51
38) Carbon Tetrachloride	7.65	117	43946	6.588	ug/l #	16
71) Bromoform	12.40	173	809	0.244	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	153699	29.067	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	153699	77.862	ug/l #	11

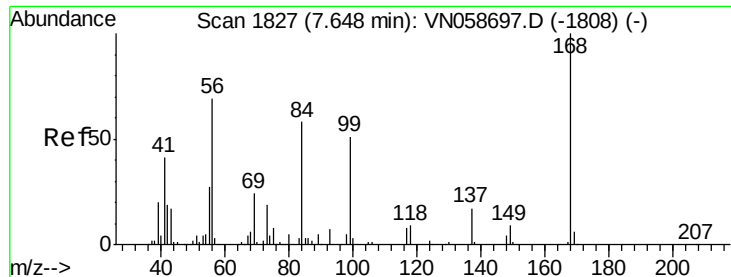
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101619\
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MSVOA_N
ClientSampleId :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058801.D

Acq: 16 Oct 2019 15:05

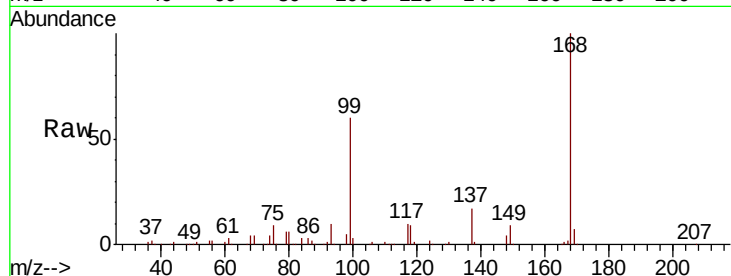
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 426033

Ion Ratio Lower Upper

168 100

99 59.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

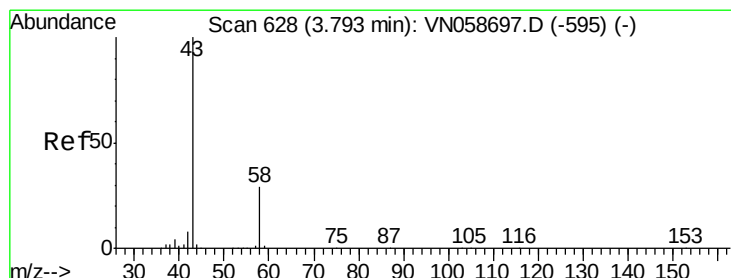
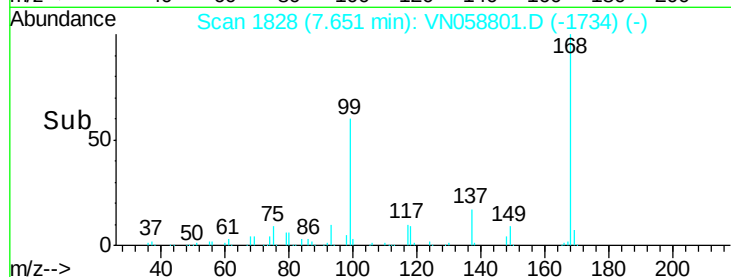
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 0.425 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN058801.D

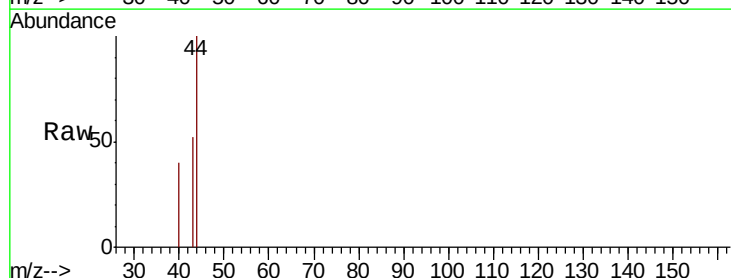
Acq: 16 Oct 2019 15:05

Tgt Ion: 43 Resp: 1049

Ion Ratio Lower Upper

43 100

58 0.0 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.81

400

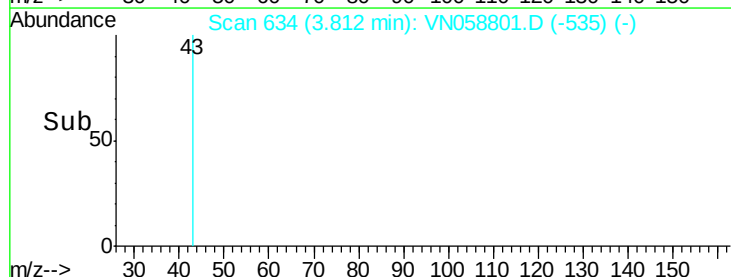
300

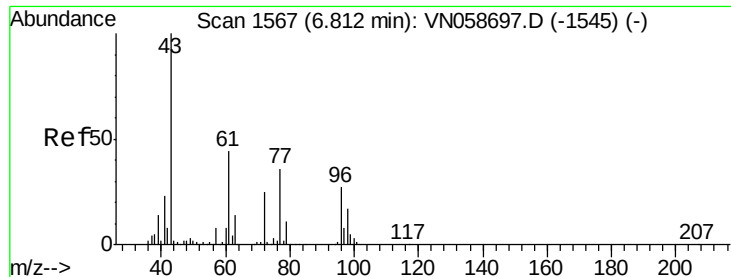
200

100

0

Time-->





#25

2-Butanone

Concen: 0.291 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.02 min

Lab File: VN058801.D

Acq: 16 Oct 2019 15:05

Instrument :

MSVOA_N

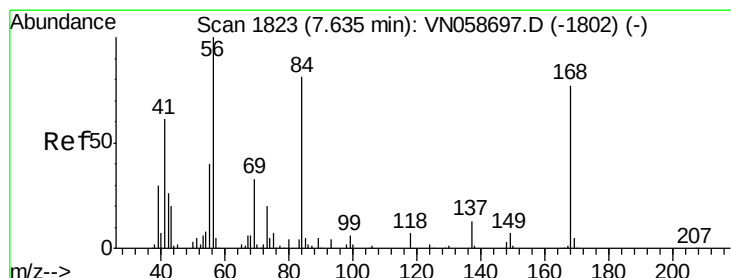
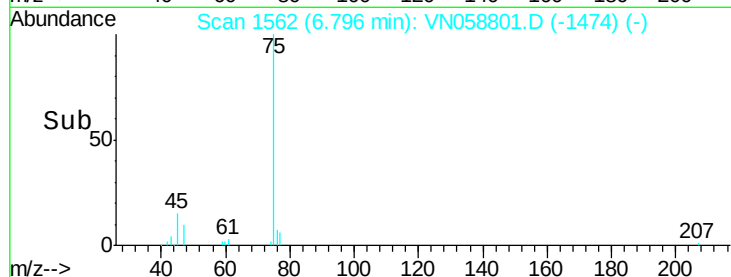
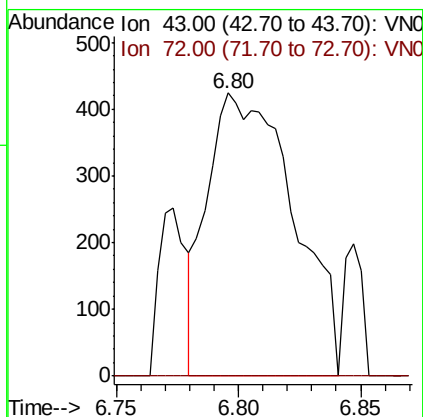
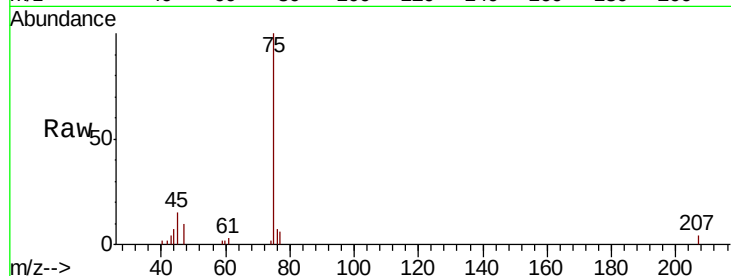
ClientSampled :

Tot Ion: 43 Resp: 1040

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.2#



#31

Cyclohexane

Concen: 1.194 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058801.D

Acq: 16 Oct 2019 15:05

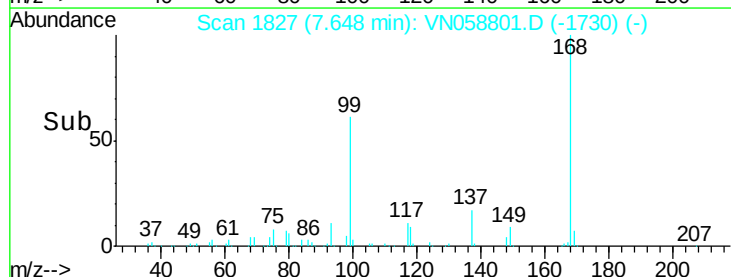
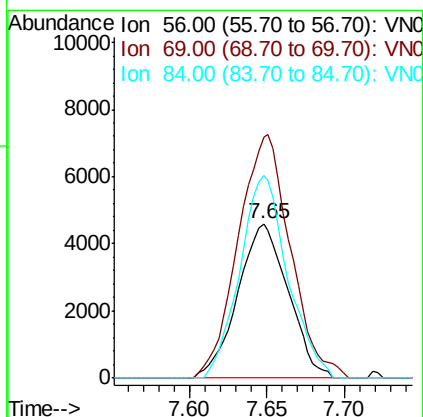
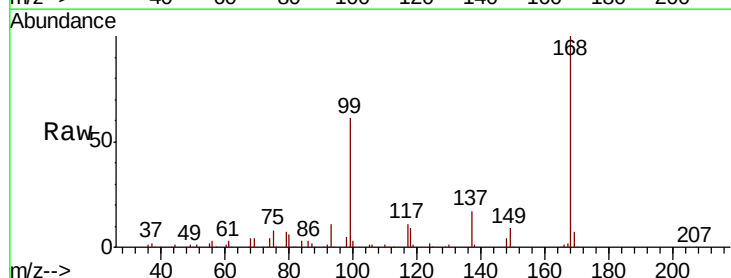
Tgt Ion: 56 Resp: 10449

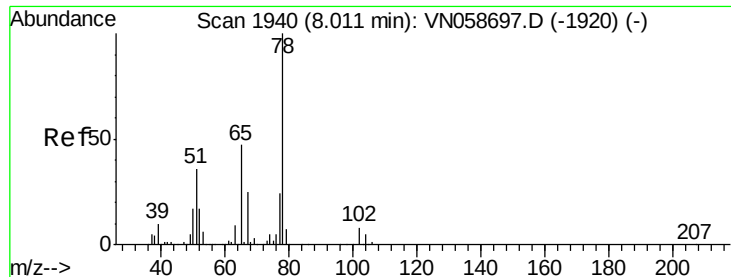
Ion Ratio Lower Upper

56 100

69 156.0 26.2 39.4#

84 131.5 64.9 97.3#

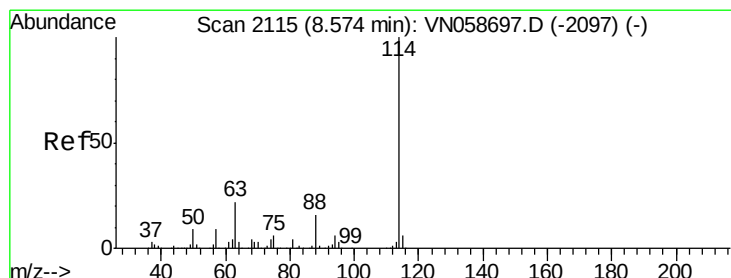
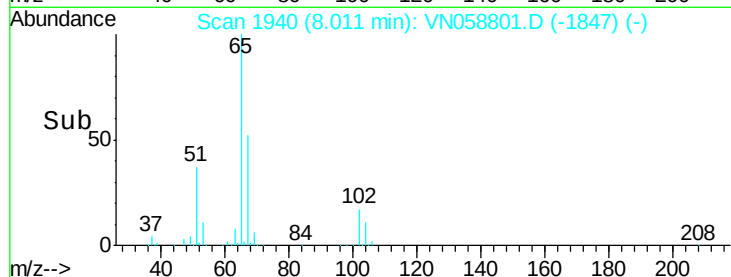
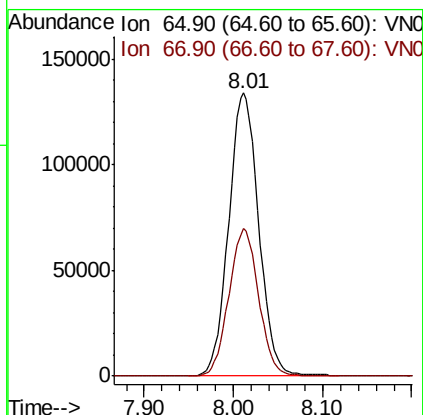
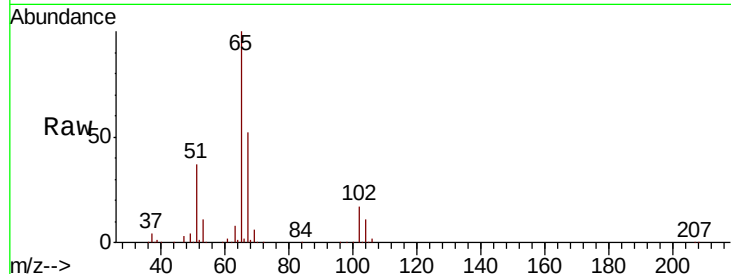




#33
 1,2-Dichloroethane-d4
 Concen: 52.376 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058801.D
 Acq: 16 Oct 2019 15:05

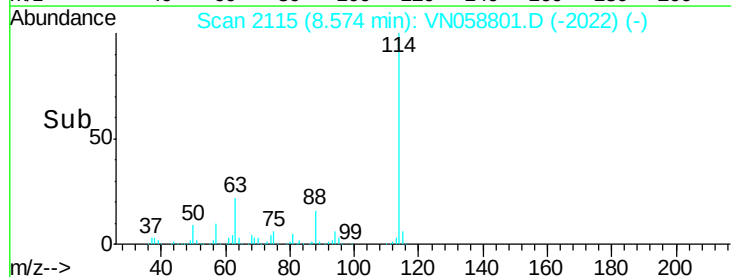
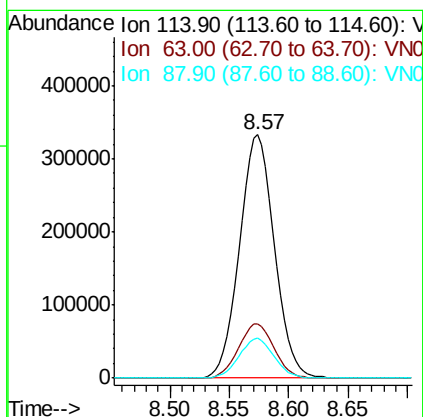
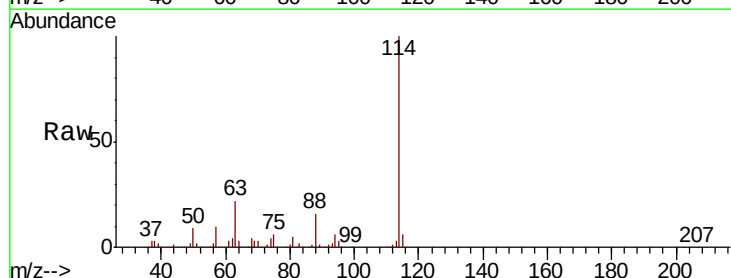
Instrument :
 MSVOA_N
 ClientSampled :

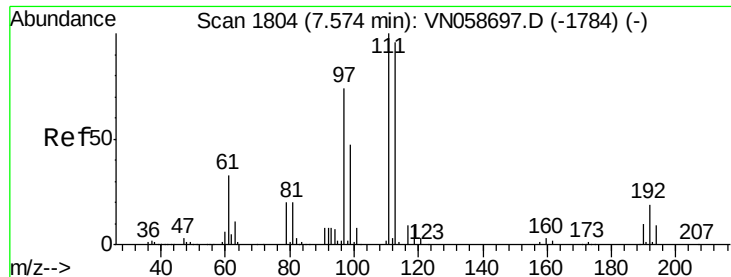
Tot Ion: 65 Resp: 312390
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058801.D
 Acq: 16 Oct 2019 15:05

Tgt Ion: 114 Resp: 676928
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.8
 88 16.2 0.0 32.0

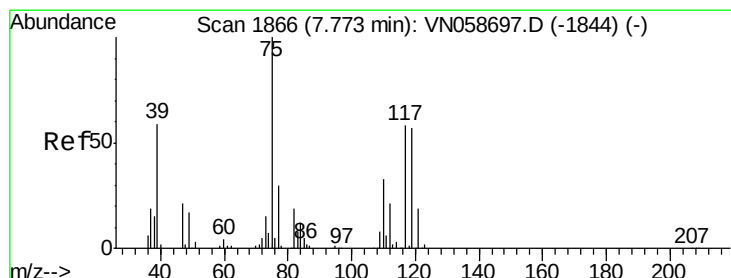
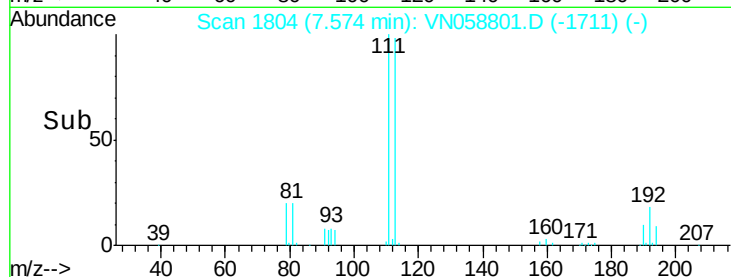
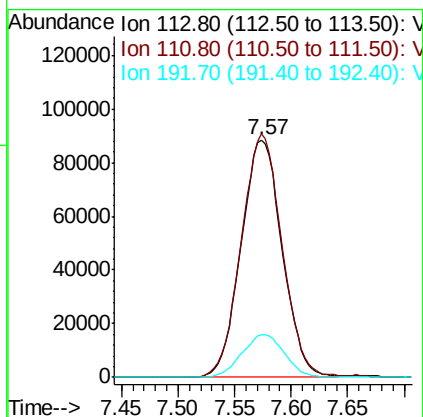
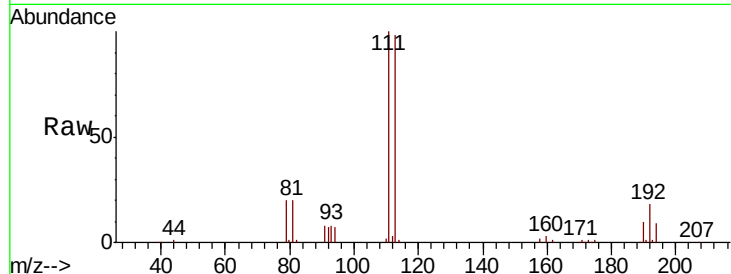




#35
 Dibromofluoromethane
 Concen: 53.498 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058801.D
 Acq: 16 Oct 2019 15:05

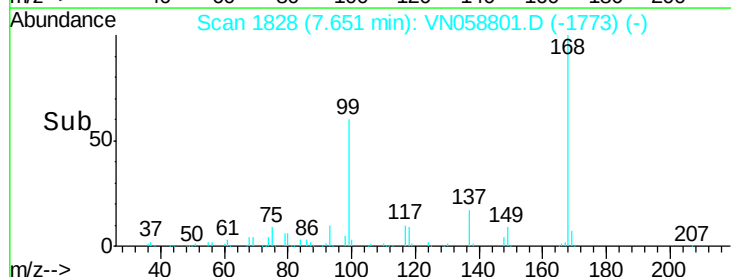
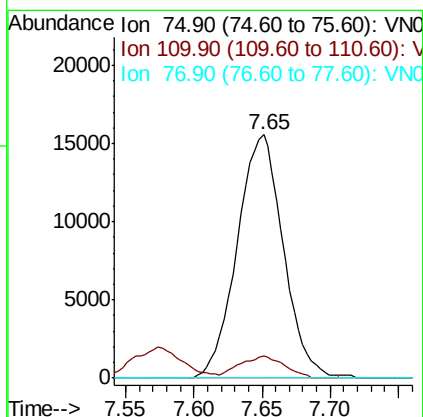
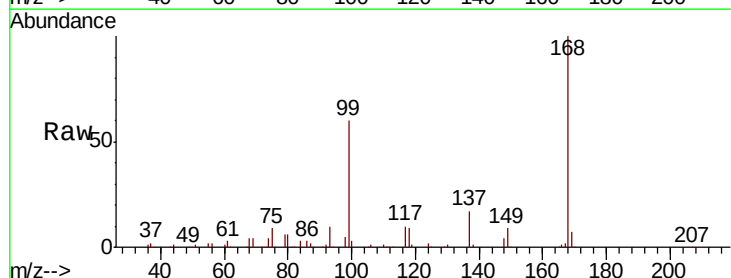
Instrument :
 MSVOA_N
 ClientSampleId :

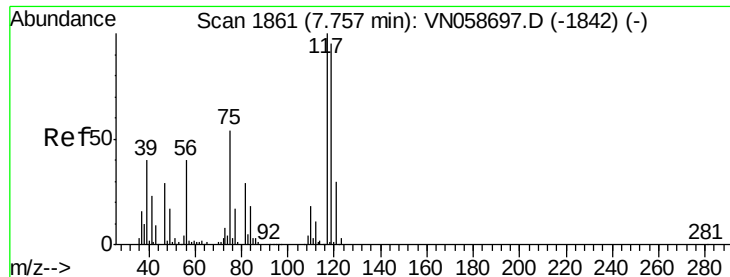
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.3	123.5
192	18.4	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 5.337 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.12 min
 Lab File: VN058801.D
 Acq: 16 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.6	49.8#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 6.588 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN058801.D

Acq: 16 Oct 2019 15:05

Instrument :

MSVOA_N

ClientSampleId :

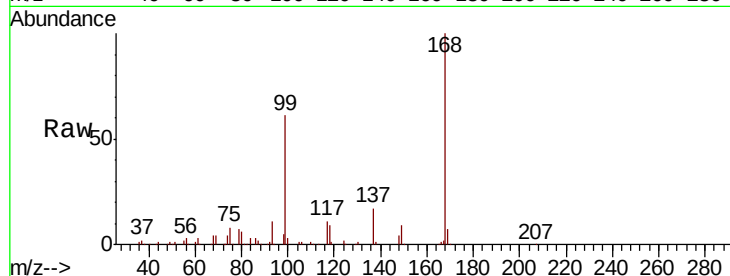
Tot Ion:117 Resp: 43946

Ion Ratio Lower Upper

117 100

119 4.8 75.7 113.5#

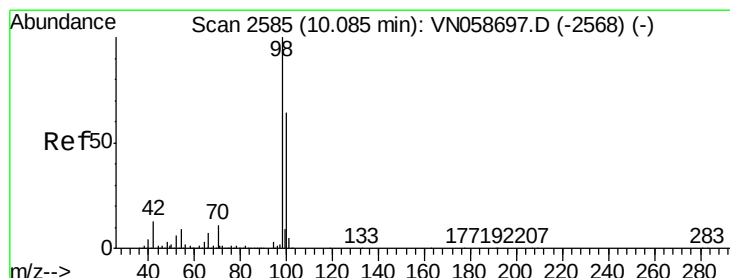
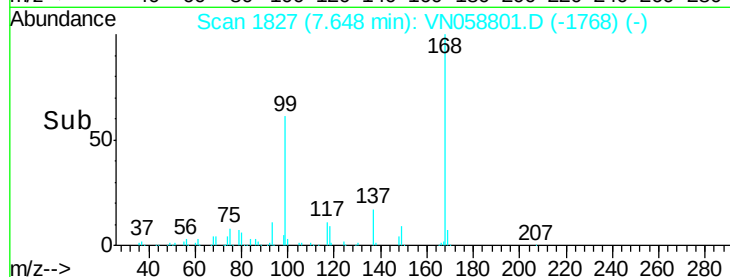
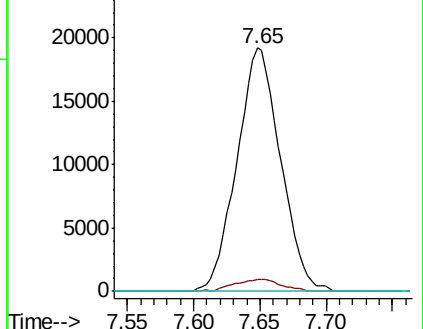
121 0.0 23.9 35.9#



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: 51.156 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058801.D

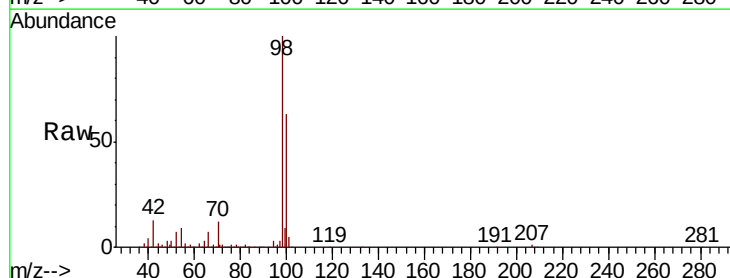
Acq: 16 Oct 2019 15:05

Tgt Ion: 98 Resp: 855340

Ion Ratio Lower Upper

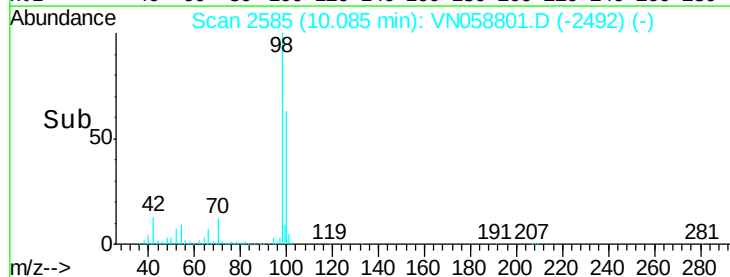
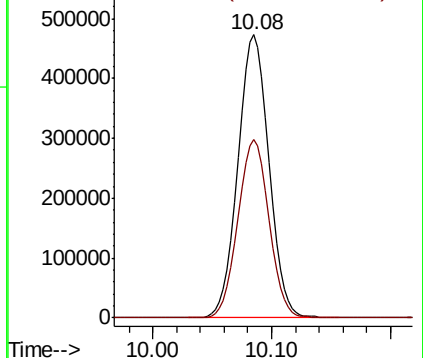
98 100

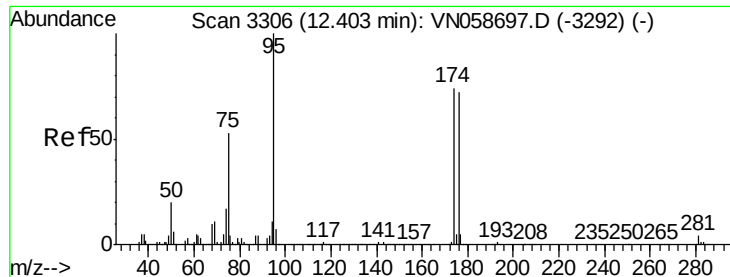
100 63.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.488 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058801.D

Acq: 16 Oct 2019 15:05

Instrument :

MSVOA_N

ClientSampled :

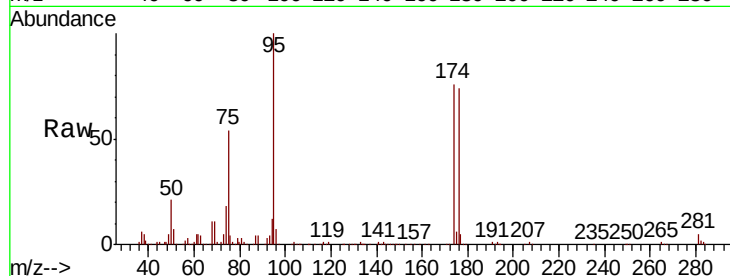
Tot Ion: 95 Resp: 281569

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.4

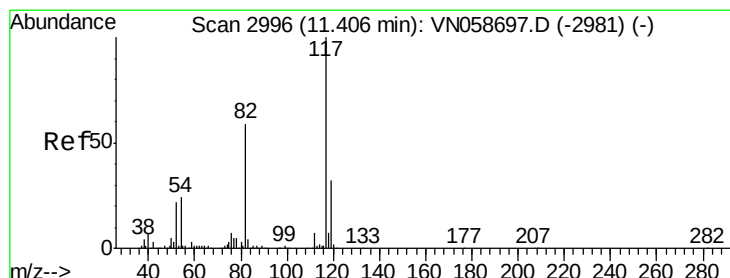
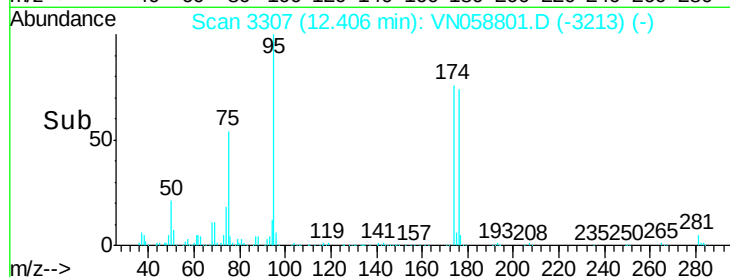
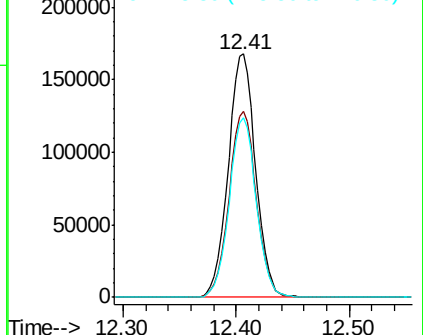
176 73.0 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058801.D

Acq: 16 Oct 2019 15:05

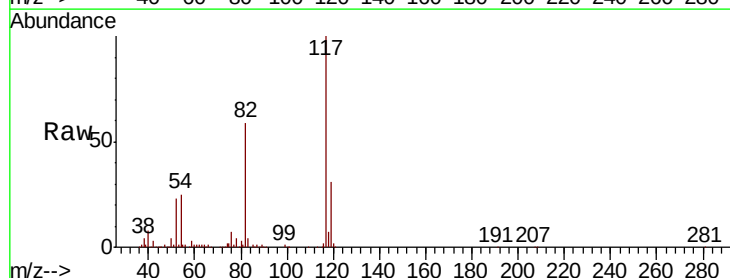
Tgt Ion: 117 Resp: 601411

Ion Ratio Lower Upper

117 100

82 59.4 47.0 70.4

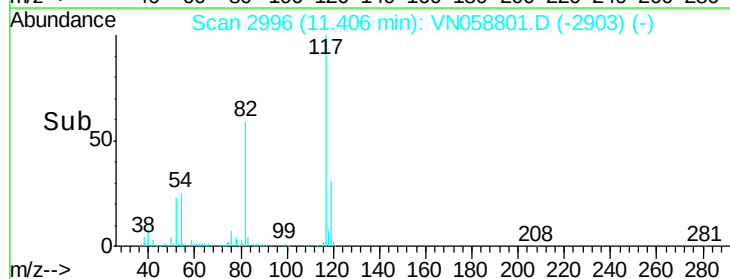
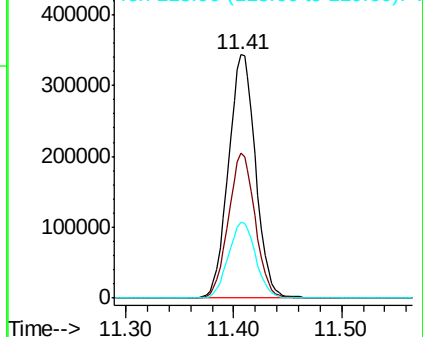
119 31.1 25.4 38.2

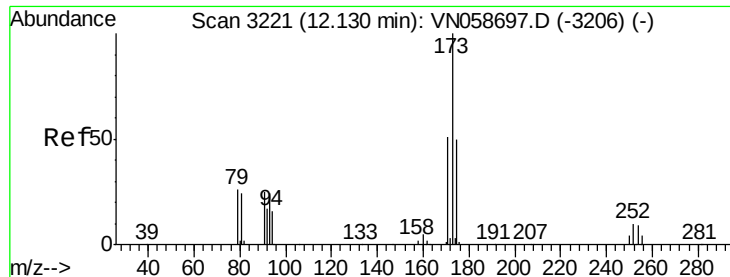


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.244 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN058801.D

Acq: 16 Oct 2019 15:05

Instrument :

MSVOA_N

ClientSampleId :

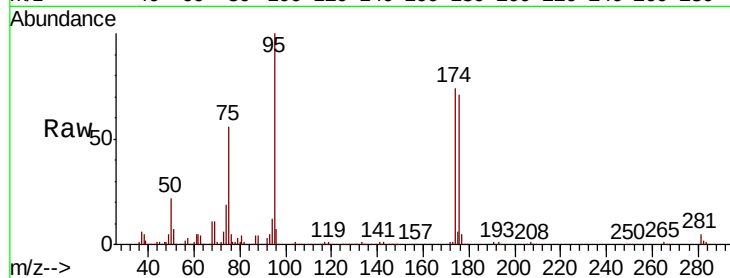
Tot Ion:173 Resp: 809

Ion Ratio Lower Upper

173 100

175 1682.3 24.6 73.8#

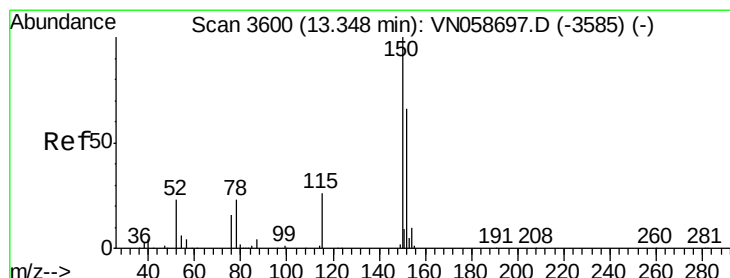
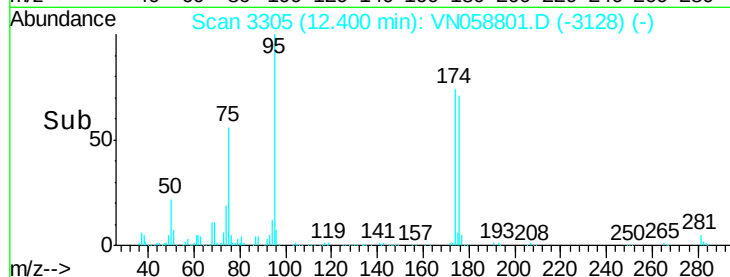
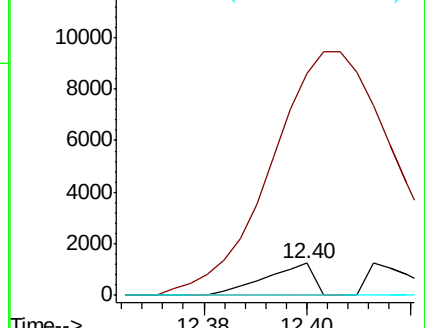
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058801.D

Acq: 16 Oct 2019 15:05

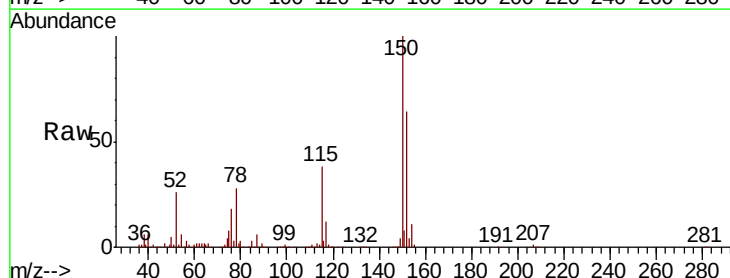
Tgt Ion:152 Resp: 241035

Ion Ratio Lower Upper

152 100

115 60.4 30.4 91.2

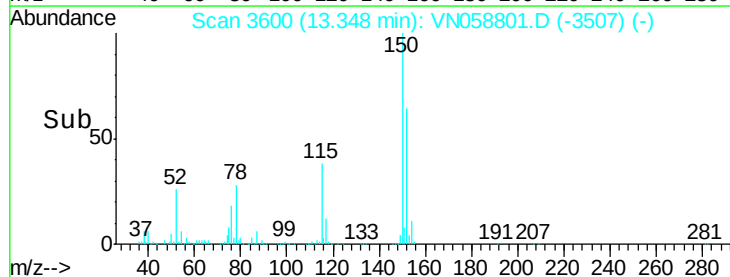
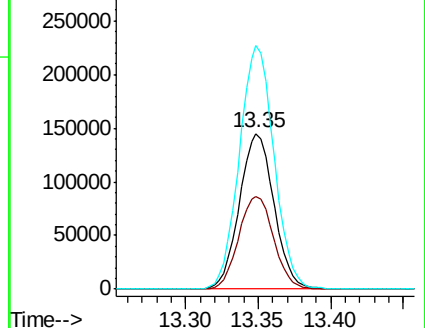
150 156.9 0.0 345.4

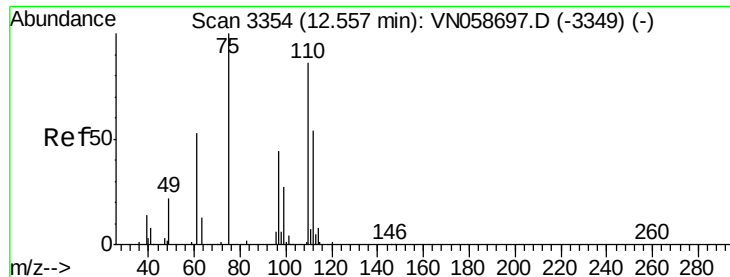


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 29.067 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058801.D

Acq: 16 Oct 2019 15:05

Instrument :

MSVOA_N

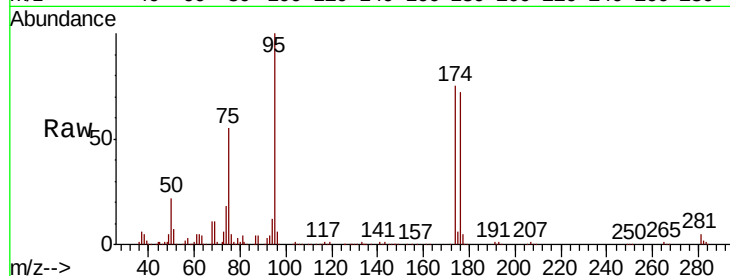
ClientSampled :

Tot Ion: 75 Resp: 153699

Ion Ratio Lower Upper

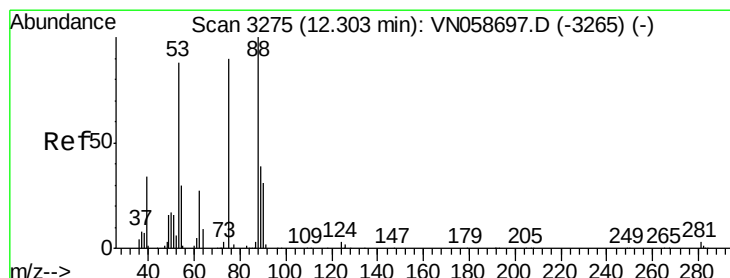
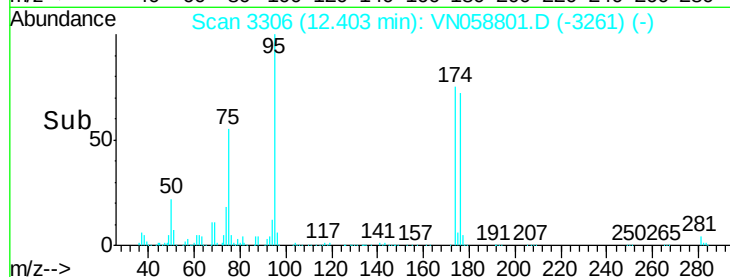
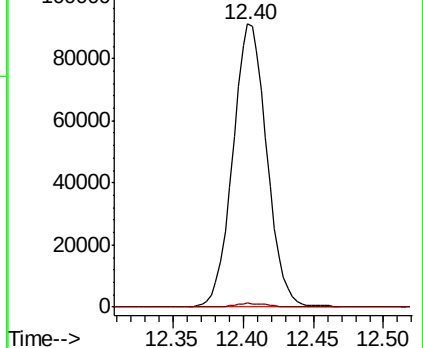
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 77.862 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058801.D

Acq: 16 Oct 2019 15:05

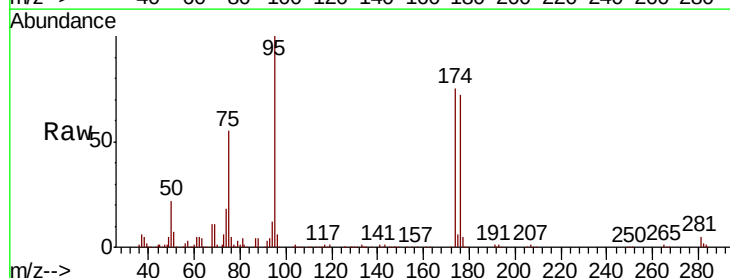
Tgt Ion: 75 Resp: 153699

Ion Ratio Lower Upper

75 100

53 0.0 78.4 117.6#

89 0.0 34.9 52.3#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

