

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101619\
 Data File : VN058802.D
 Acq On : 16 Oct 2019 15:27
 Operator : JC/SP
 Sample : K5396-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 17 01:33:42 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	381233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	611789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	544575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	215394	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	291341	54.59	ug/l	0.00
Spiked Amount			Recovery	=	109.18%	
35) Dibromofluoromethane	7.57	113	203215	53.78	ug/l	0.00
Spiked Amount			Recovery	=	107.56%	
50) Toluene-d8	10.08	98	783332	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.41	95	256360	44.82	ug/l	0.00
Spiked Amount			Recovery	=	89.64%	

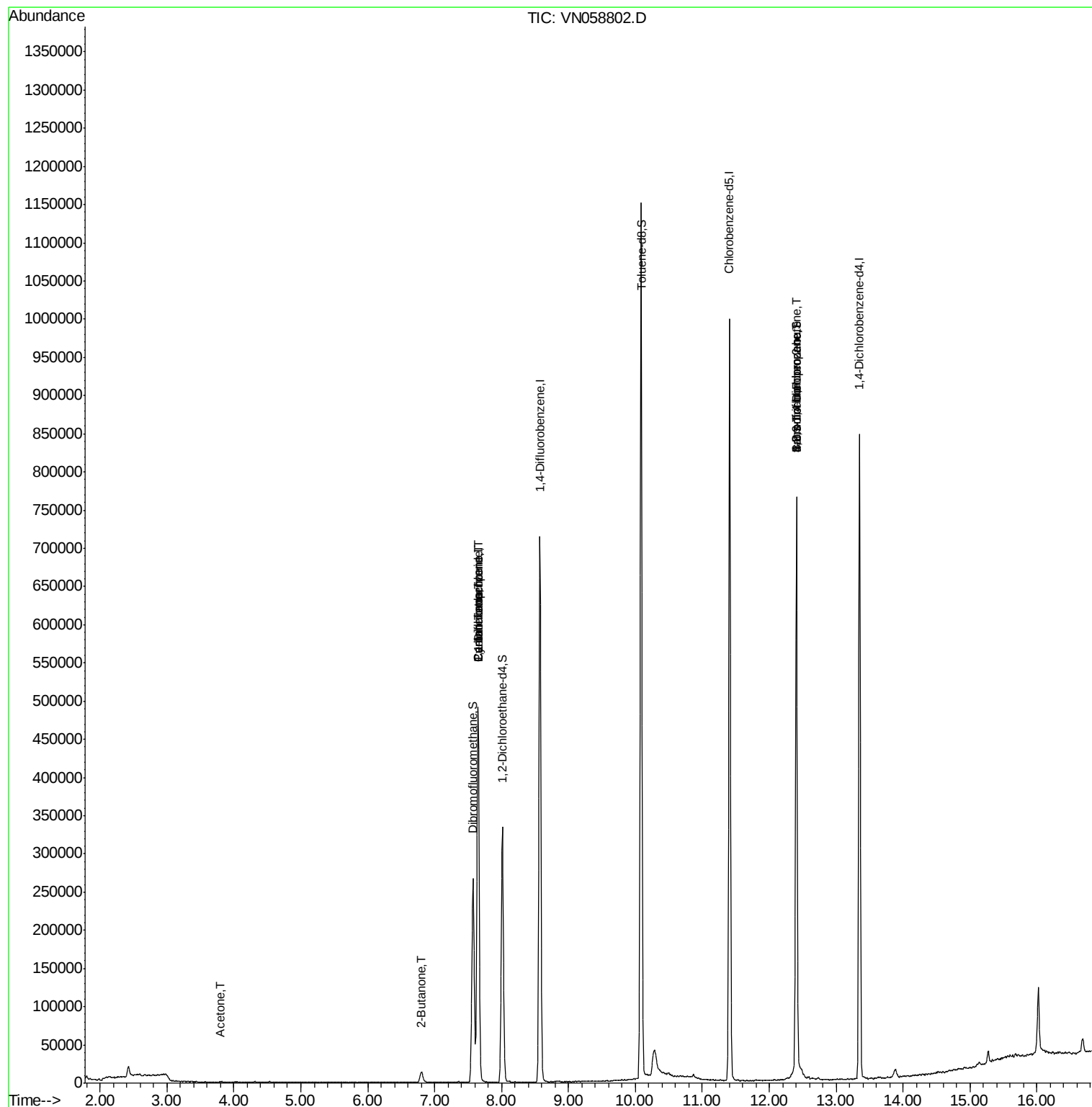
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	627	0.284	ug/l #	46
25) 2-Butanone	6.81	43	902	0.282	ug/l #	50
31) Cyclohexane	7.65	56	9525	1.217	ug/l #	16
36) 1,1-Dichloropropene	7.65	75	32241	5.212	ug/l #	46
38) Carbon Tetrachloride	7.65	117	40257	6.678	ug/l #	17
71) Bromoform	12.41	173	1631	0.544	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	135787	28.737	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	135787	76.976	ug/l #	11

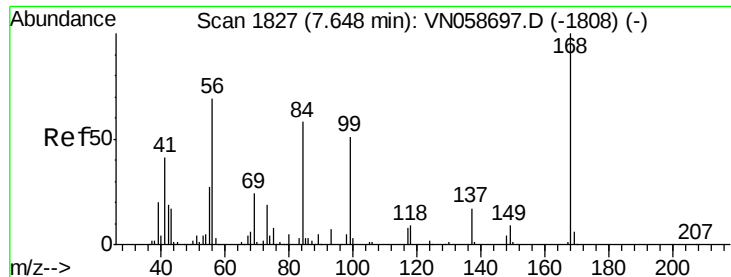
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101619\
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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: VN058802.D

Acq: 16 Oct 2019 15:27

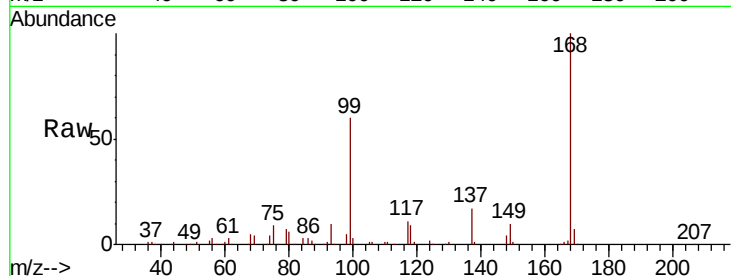
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 381233

Ion Ratio Lower Upper

168 100

99 60.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

100000

50000

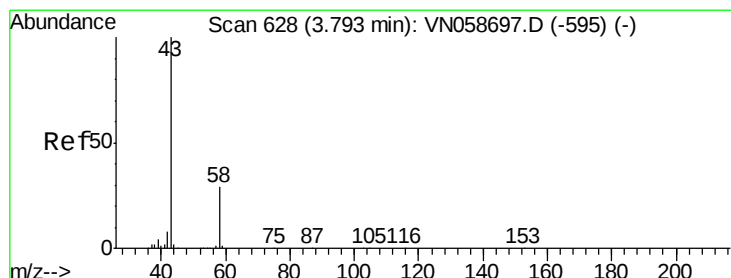
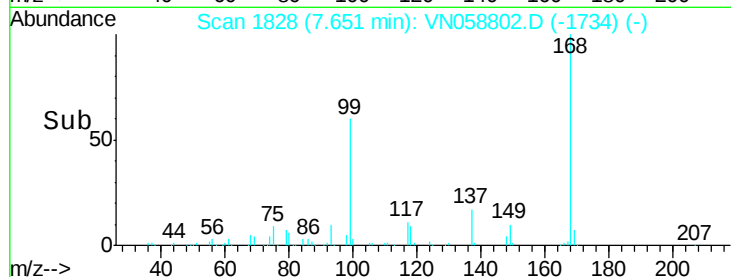
0

Time-->

7.60

7.70

7.80



#16

Acetone

Concen: 0.284 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058802.D

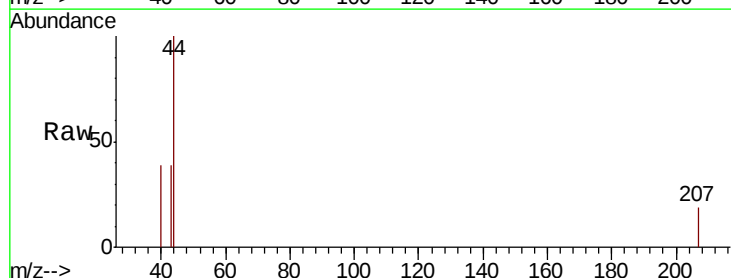
Acq: 16 Oct 2019 15:27

Tgt Ion: 43 Resp: 627

Ion Ratio Lower Upper

43 100

58 0.0 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

400

300

200

100

0

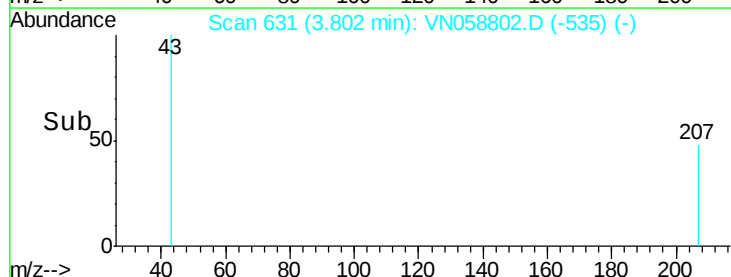
Time-->

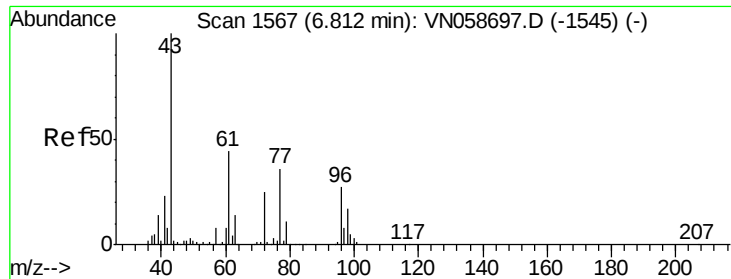
3.76

3.78

3.80

3.82

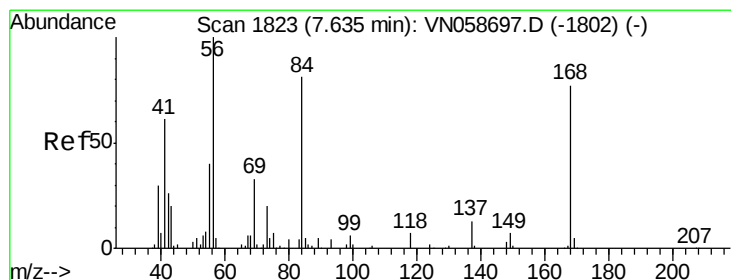
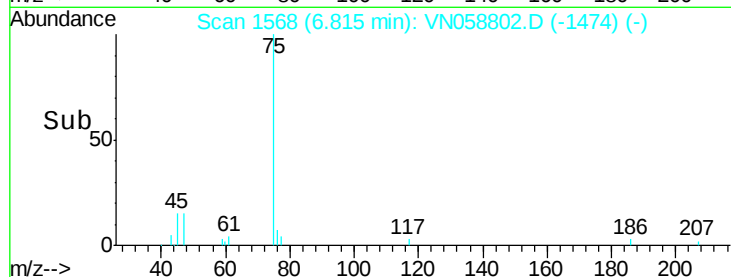
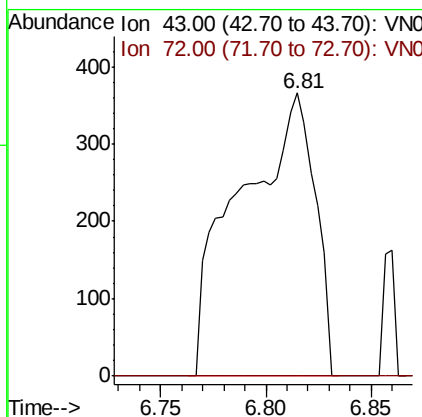
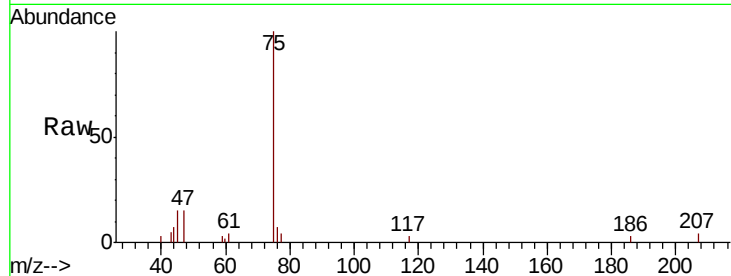




#25
2-Butanone
Concen: 0.282 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN058802.D
Acq: 16 Oct 2019 15:27

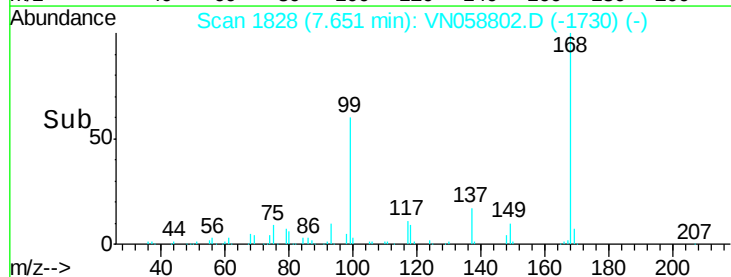
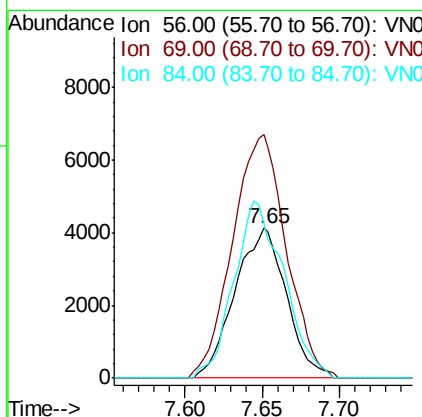
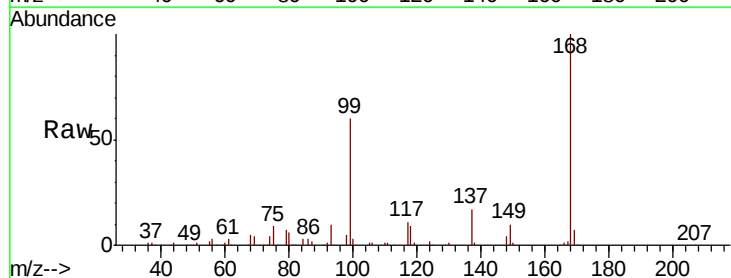
Instrument :
MSVOA_N
ClientSampleId :

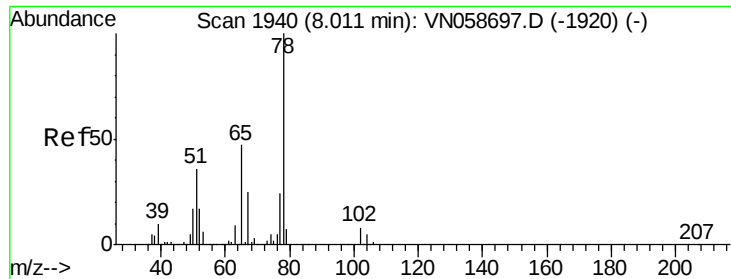
Tot Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



#31
Cyclohexane
Concen: 1.217 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN058802.D
Acq: 16 Oct 2019 15:27

Tgt Ion: 56 Resp: 9525
Ion Ratio Lower Upper
56 100
69 162.5 26.2 39.4#
84 103.0 64.9 97.3#





#33

1,2-Dichloroethane-d4

Concen: 54.587 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058802.D

Acq: 16 Oct 2019 15:27

Instrument :

MSVOA_N

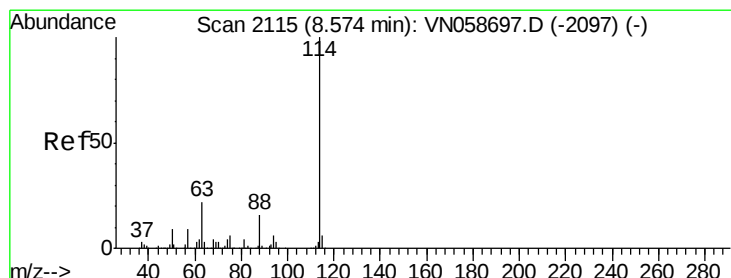
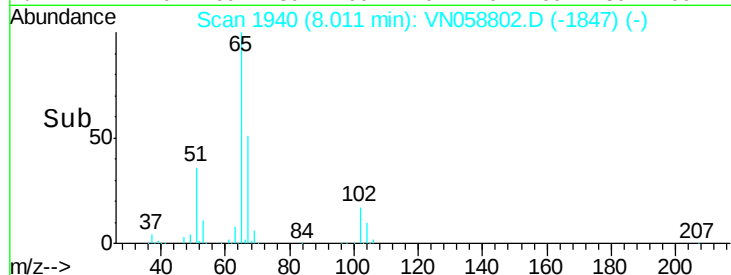
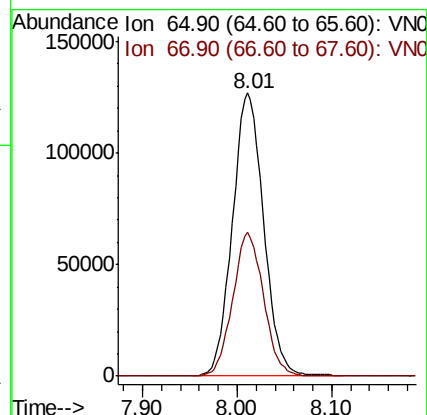
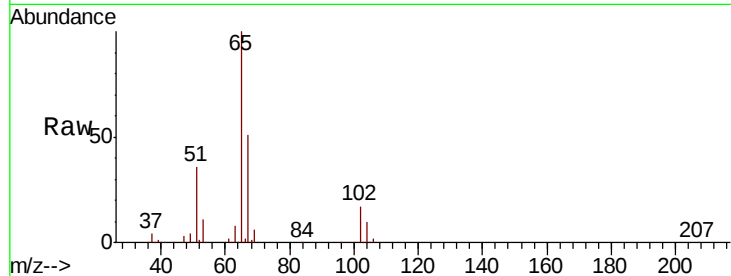
ClientSampleId :

Tot Ion: 65 Resp: 291341

Ion Ratio Lower Upper

65 100

67 50.1 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: VN058802.D

Acq: 16 Oct 2019 15:27

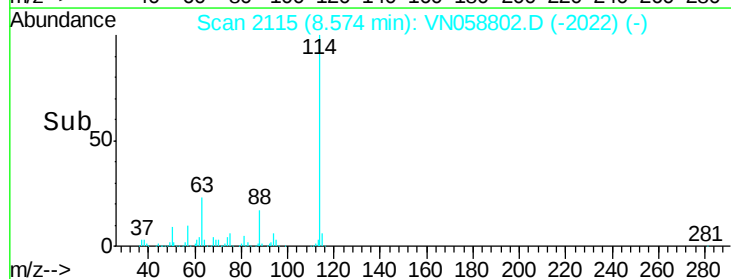
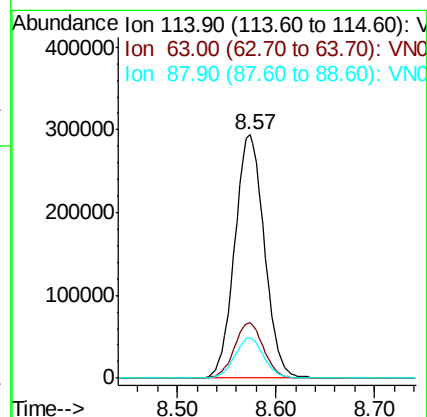
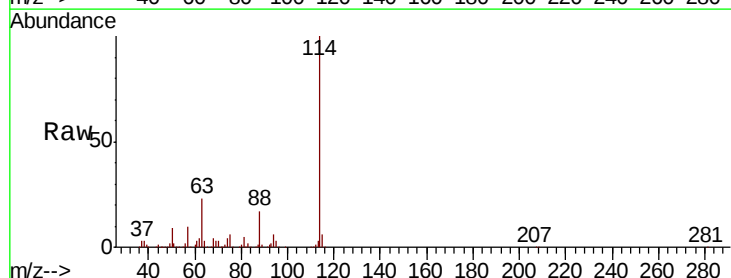
Tgt Ion: 114 Resp: 611789

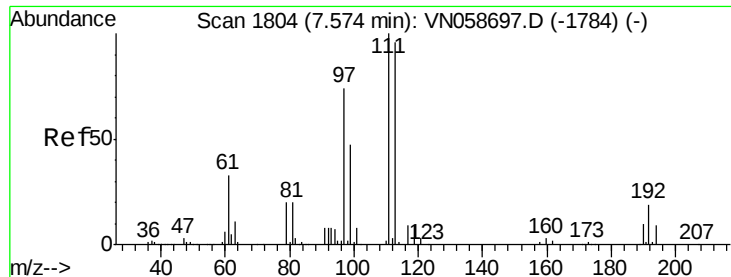
Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.8

88 16.6 0.0 32.0

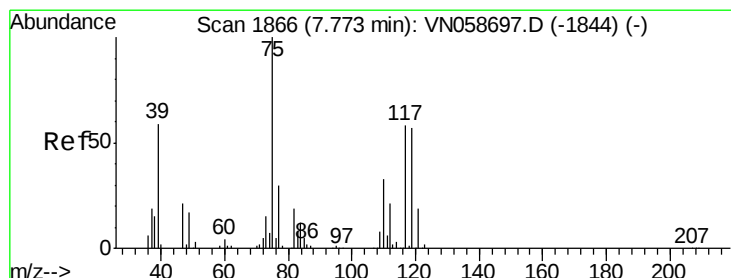
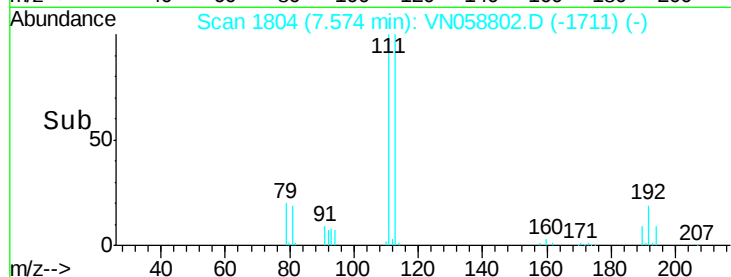
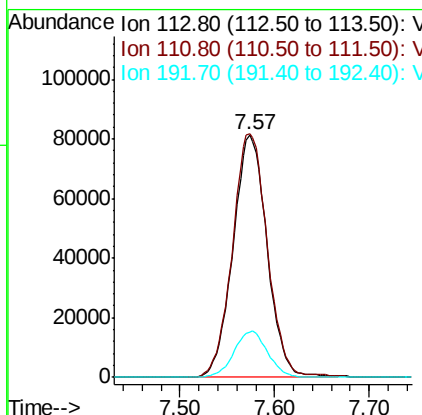
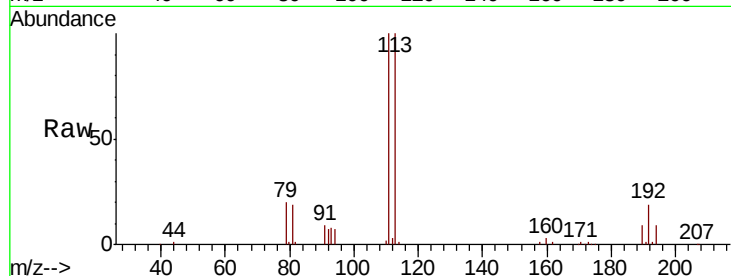




#35
 Dibromofluoromethane
 Concen: 53.776 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058802.D
 Acq: 16 Oct 2019 15:27

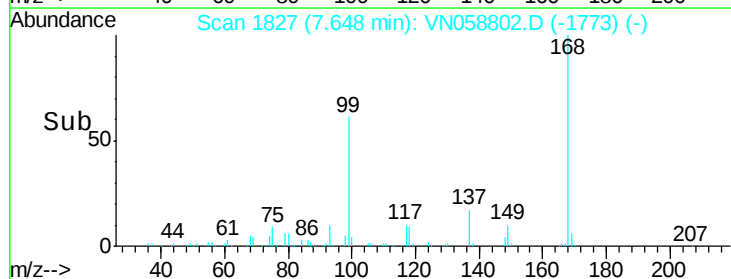
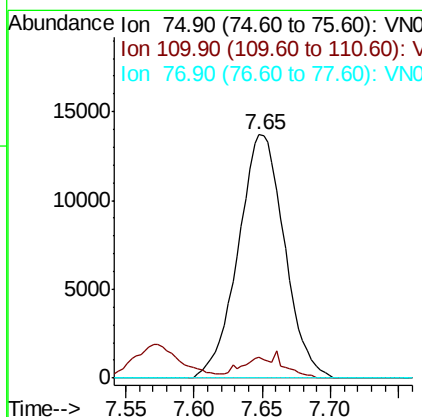
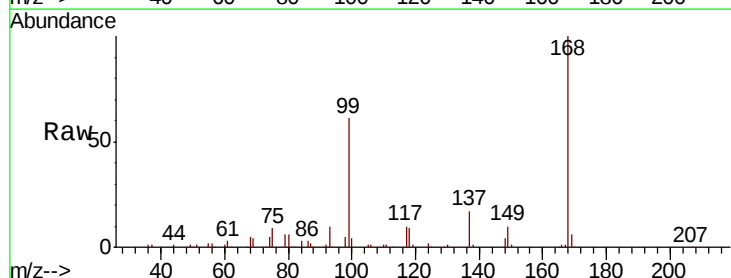
Instrument :
 MSVOA_N
 ClientSampled :

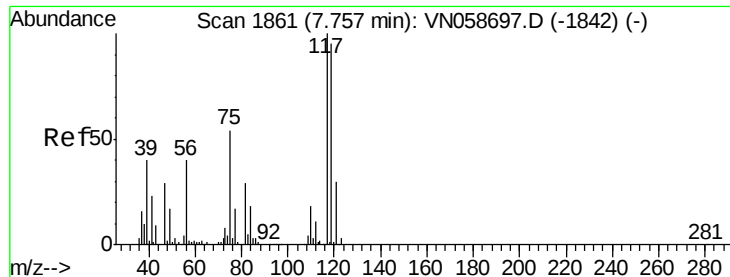
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.3	123.5
192	18.9	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 5.212 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058802.D
 Acq: 16 Oct 2019 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	4.0	16.6	49.8#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 6.678 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058802.D

Acq: 16 Oct 2019 15:27

Instrument :

MSVOA_N

ClientSampleId :

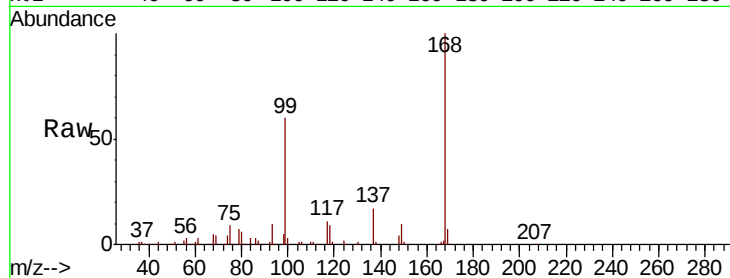
Tot Ion:117 Resp: 40257

Ion Ratio Lower Upper

117 100

119 5.6 75.7 113.5#

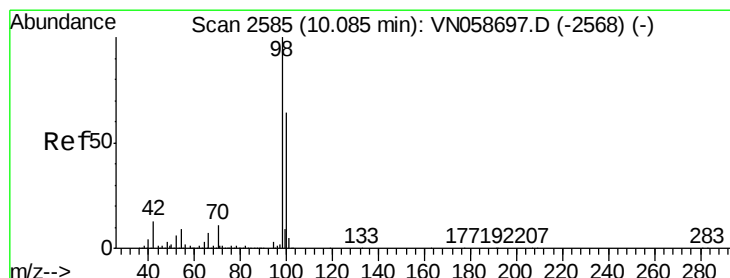
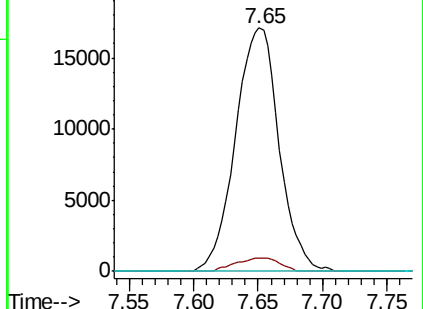
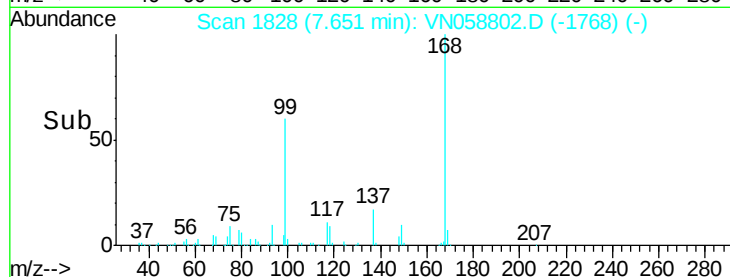
121 0.0 23.9 35.9#



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: 51.838 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058802.D

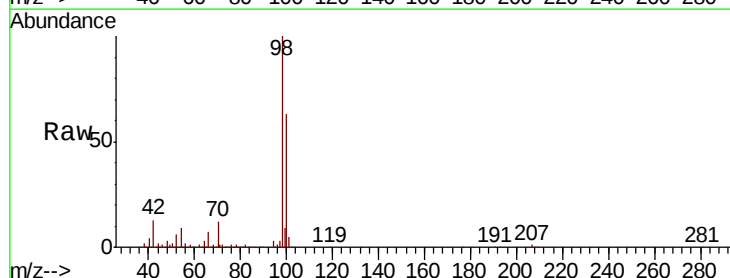
Acq: 16 Oct 2019 15:27

Tgt Ion: 98 Resp: 783332

Ion Ratio Lower Upper

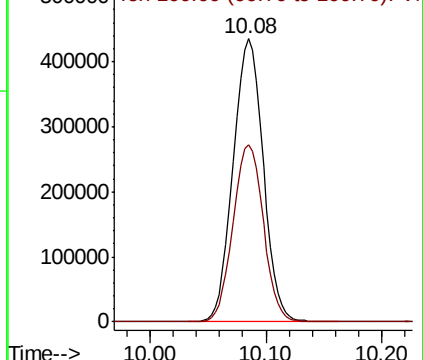
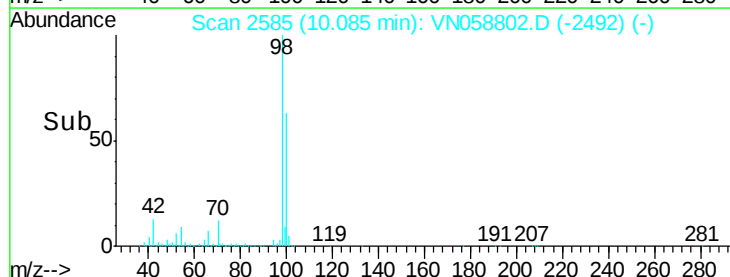
98 100

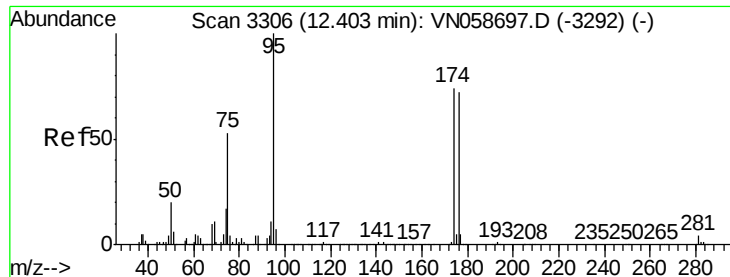
100 63.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

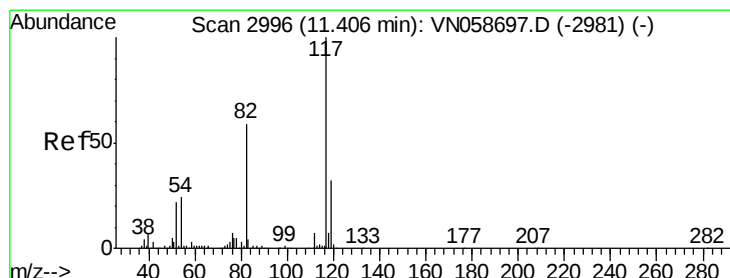
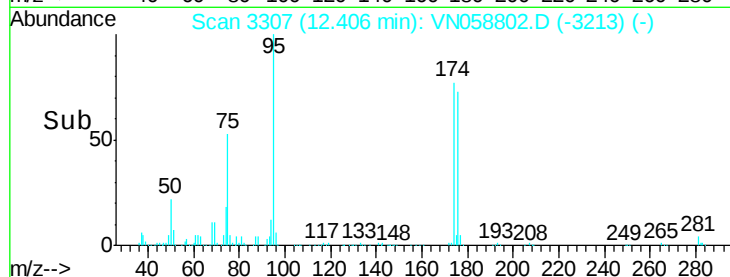
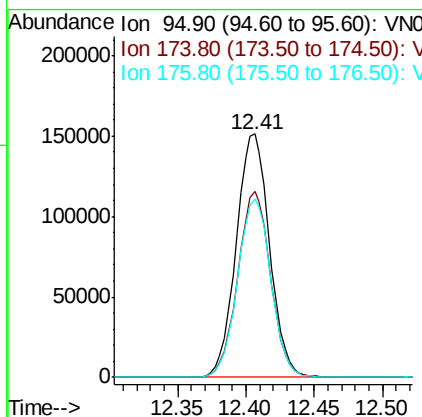
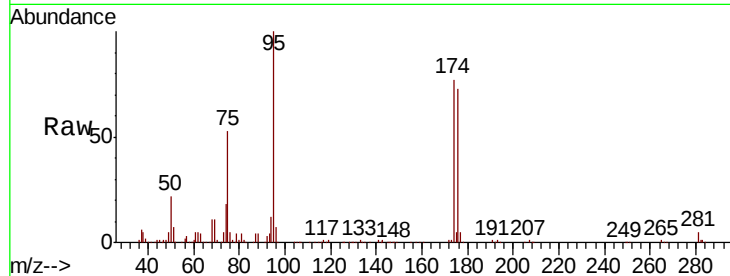




#62
4-Bromofluorobenzene
Concen: 44.818 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058802.D
Acq: 16 Oct 2019 15:27

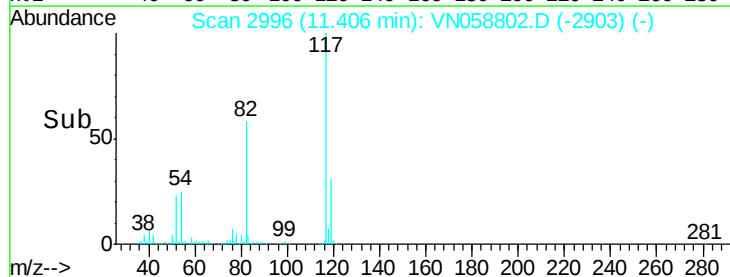
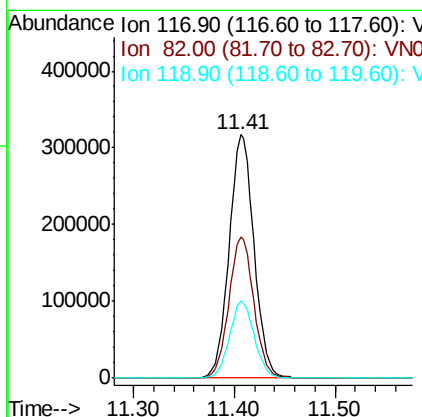
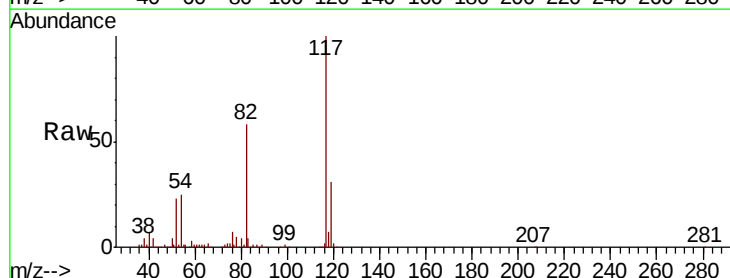
Instrument :
MSVOA_N
ClientSampleId :

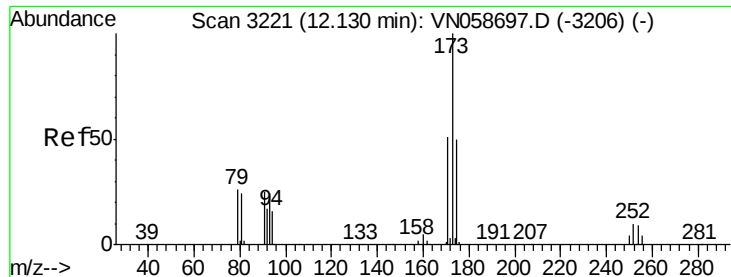
Tot Ion	95	Resp	256360
Ion Ratio	Lower	Upper	
95	100		
174	75.6	0.0	150.4
176	73.5	0.0	146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058802.D
Acq: 16 Oct 2019 15:27

Tgt Ion	117	Resp	544575
Ion Ratio	Lower	Upper	
117	100		
82	58.1	47.0	70.4
119	31.5	25.4	38.2





#71

Bromoform

Concen: 0.544 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058802.D

Acq: 16 Oct 2019 15:27

Instrument :

MSVOA_N

ClientSampleId :

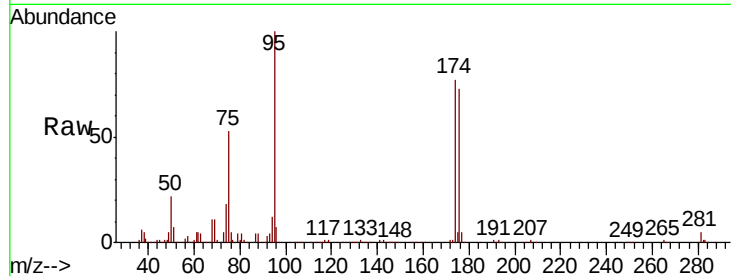
Tot Ion:173 Resp: 1631

Ion Ratio Lower Upper

173 100

175 762.7 24.6 73.8#

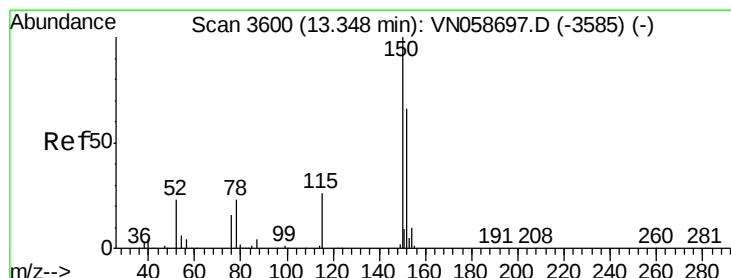
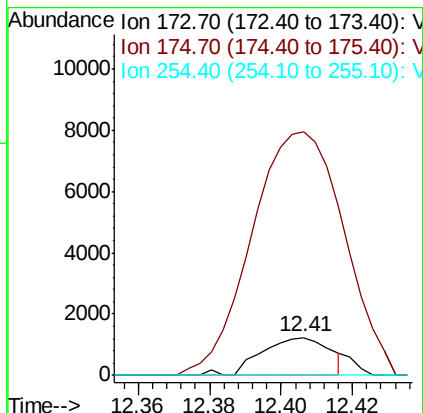
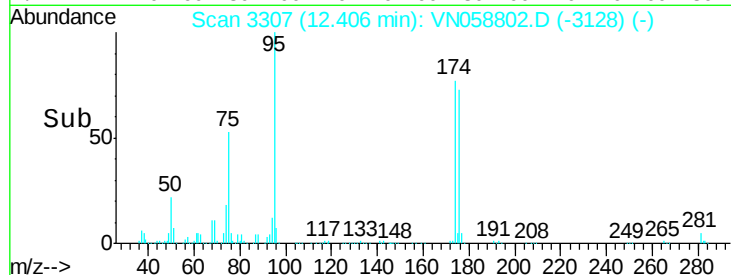
254 0.0 0.1 0.1#



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: VN058802.D

Acq: 16 Oct 2019 15:27

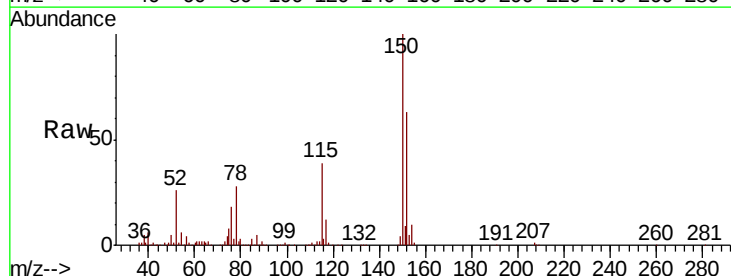
Tgt Ion:152 Resp: 215394

Ion Ratio Lower Upper

152 100

115 61.2 30.4 91.2

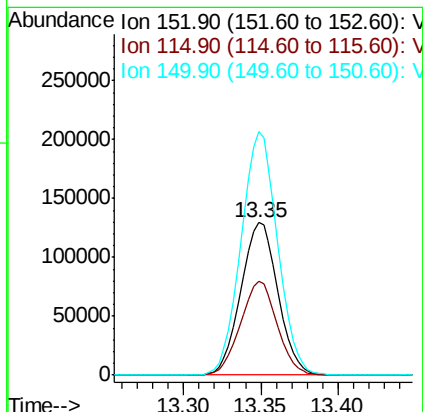
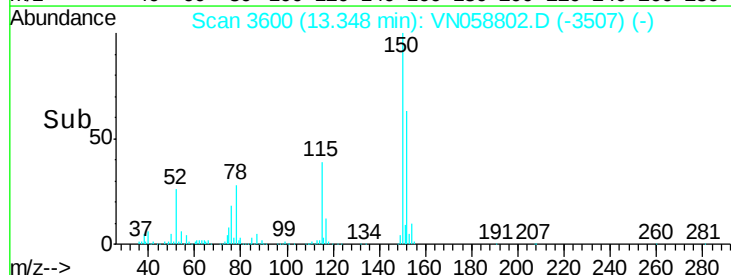
150 158.1 0.0 345.4

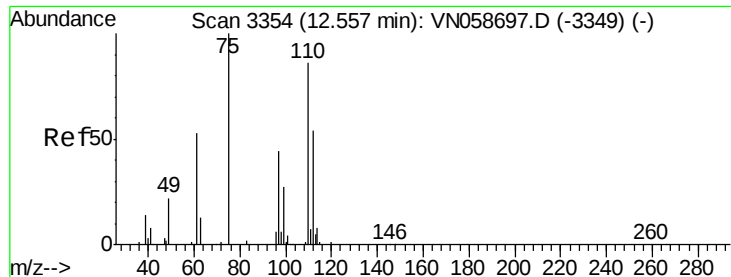


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.737 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058802.D

Acq: 16 Oct 2019 15:27

Instrument :

MSVOA_N

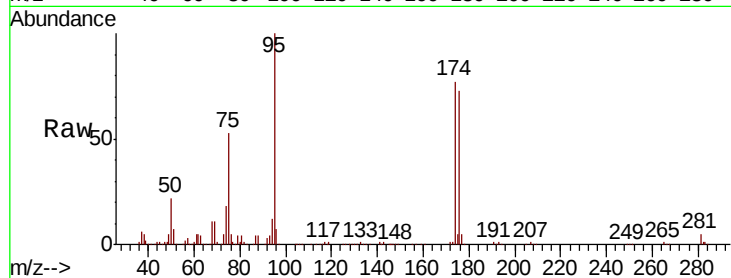
ClientSampleId :

Tot Ion: 75 Resp: 135787

Ion Ratio Lower Upper

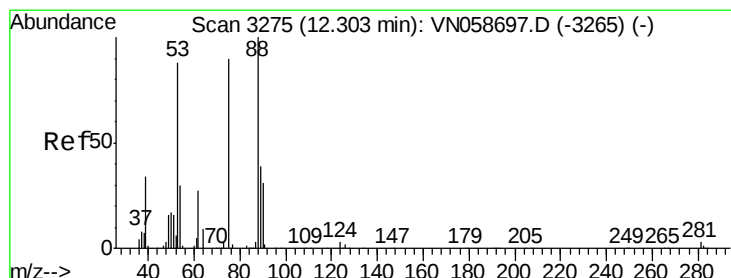
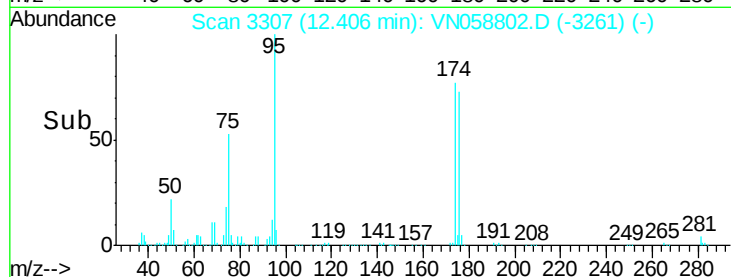
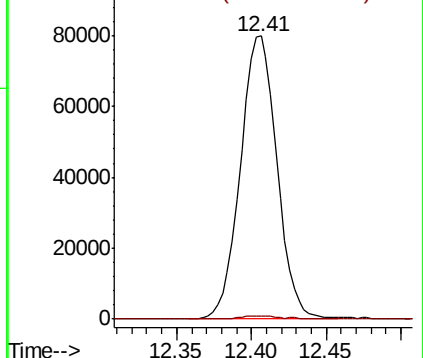
75 100

77 1.1 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: 76.976 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058802.D

Acq: 16 Oct 2019 15:27

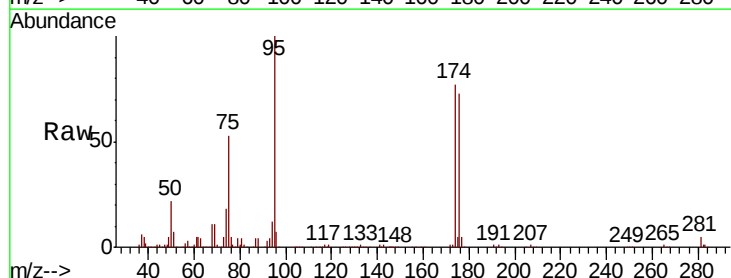
Tgt Ion: 75 Resp: 135787

Ion Ratio Lower Upper

75 100

53 0.0 78.4 117.6#

89 0.1 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

