

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058711.D
 Acq On : 11 Oct 2019 18:55
 Operator : JC/SP
 Sample : K5349-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 00:13:08 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

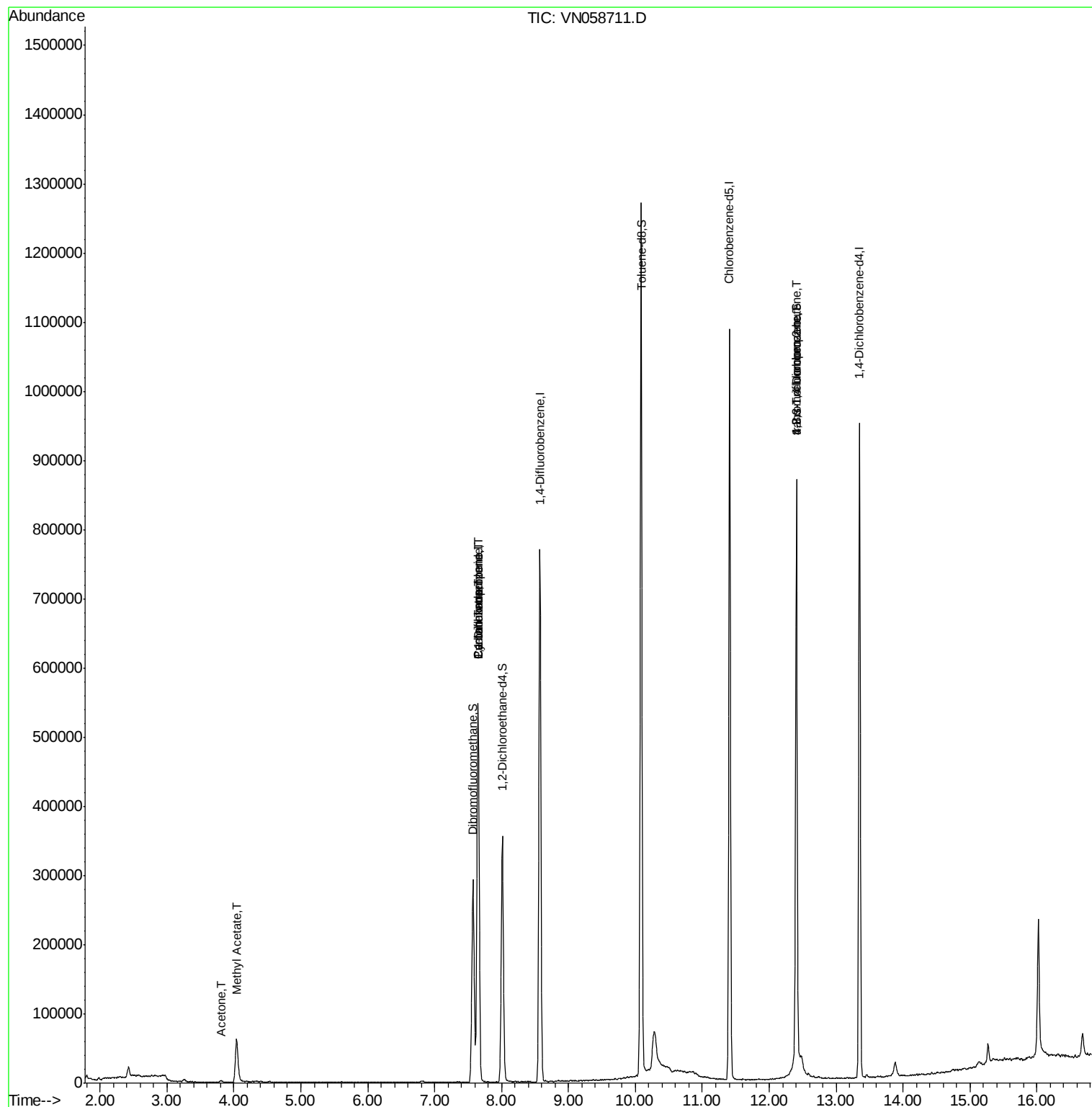
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	426308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	674453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	593218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	306121	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
35) Dibromofluoromethane	7.57	113	219083	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
50) Toluene-d8	10.08	98	854092	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.41	95	283871	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
Target Compounds						
					Qvalue	
16) Acetone	3.80	43	4021	1.627	ug/l #	79
18) Methyl Acetate	4.04	43	23507	3.751	ug/l #	54
31) Cyclohexane	7.65	56	9914	1.133	ug/l #	4
36) 1,1-Dichloropropene	7.65	75	36196	5.308	ug/l #	50
38) Carbon Tetrachloride	7.65	117	42925	6.459	ug/l #	16
76) 1,2,3-Trichloropropane	12.40	75	153365	28.733	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	153365	76.967	ug/l #	11

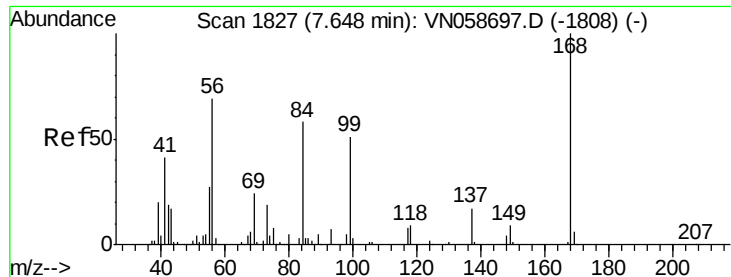
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1827

Delta R.T. -0.00 min

Lab File: VN058711.D

Acq: 11 Oct 2019 18:55

Instrument :

MSVOA_N

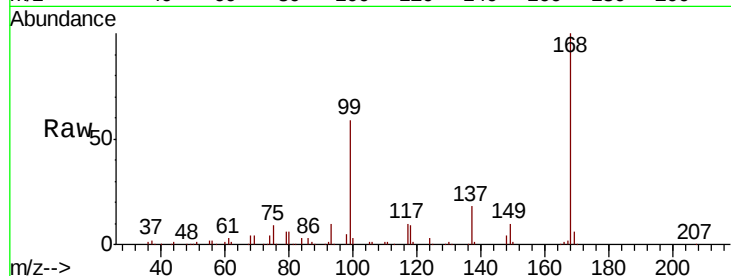
ClientSampled :

Tot Ion:168 Resp: 426308

Ion Ratio Lower Upper

168 100

99 58.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VN058697.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058697.D (-1808) (-)

7.65

200000

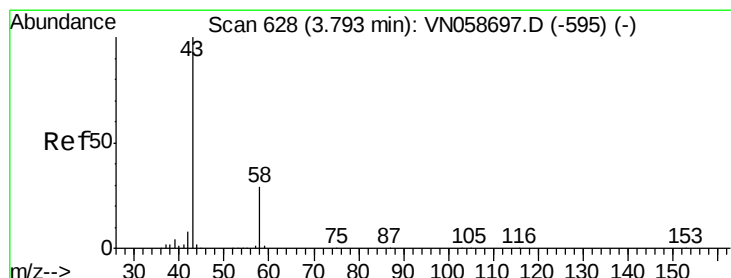
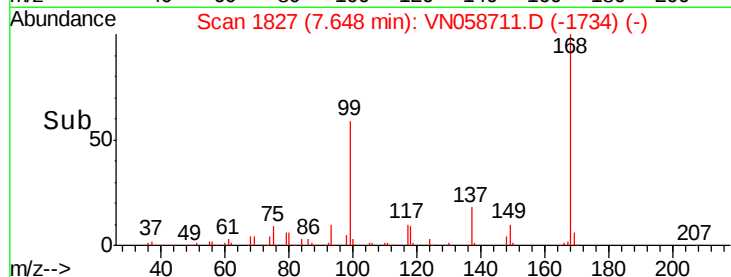
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.627 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058711.D

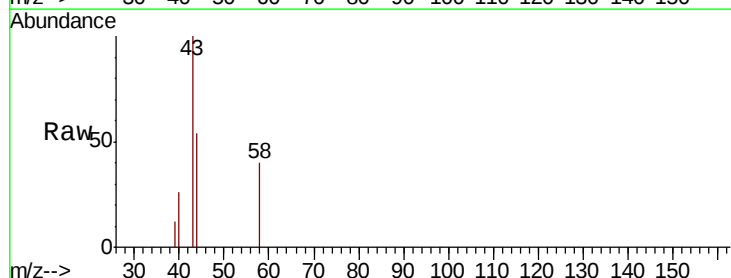
Acq: 11 Oct 2019 18:55

Tgt Ion: 43 Resp: 4021

Ion Ratio Lower Upper

43 100

58 40.3 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VN058697.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN058697.D (-595) (-)

3.80

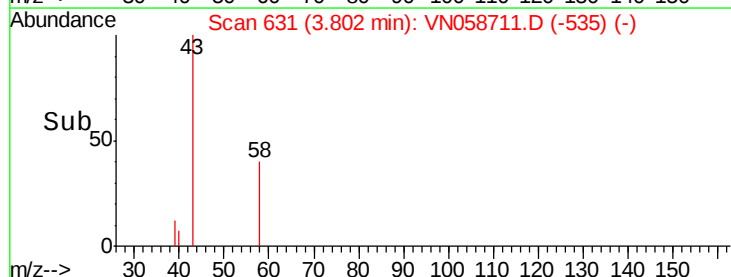
1500

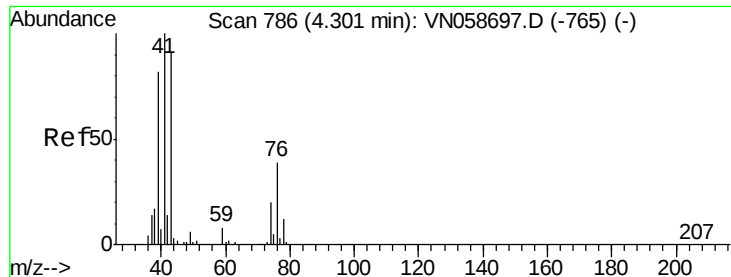
1000

500

0

Time-->

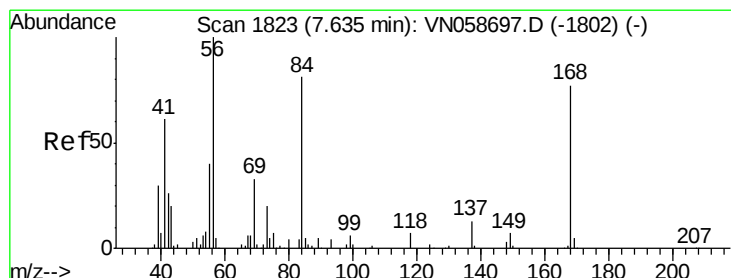
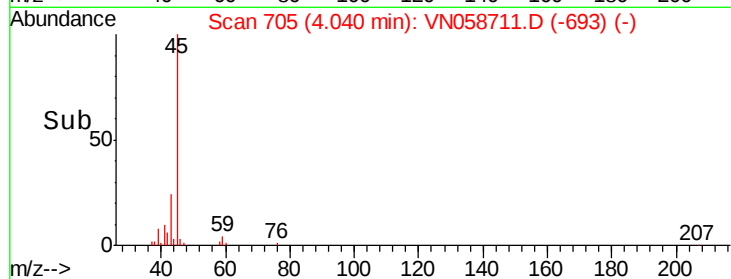
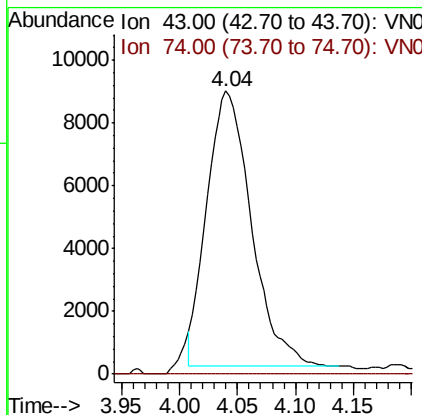
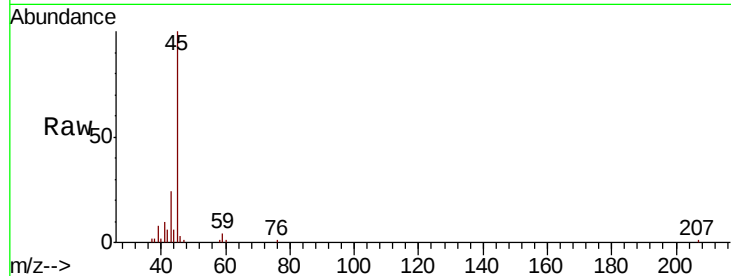




#18
Methyl Acetate
Concen: 3.751 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.26 min
Lab File: VN058711.D
Acq: 11 Oct 2019 18:55

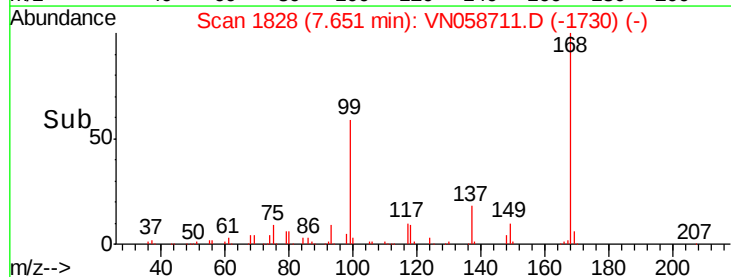
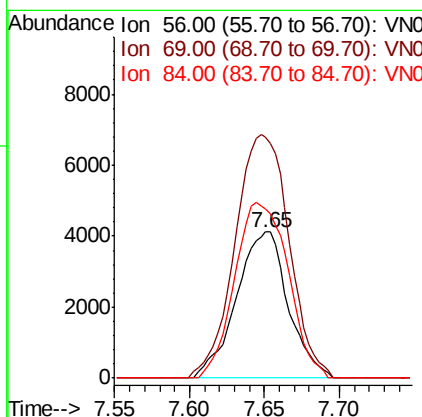
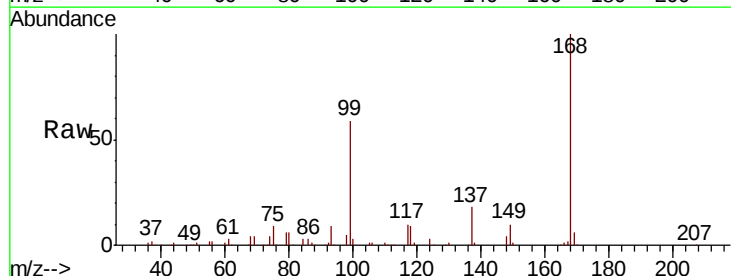
Instrument :
MSVOA_N
ClientSampleId :

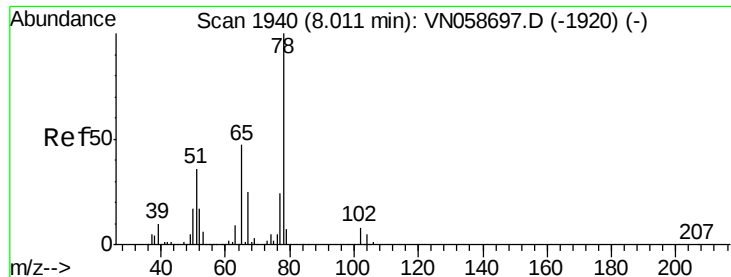
Tot Ion: 43 Resp: 23507
Ion Ratio Lower Upper
43 100
74 0.0 17.2 25.8#



#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN058711.D
Acq: 11 Oct 2019 18:55

Tgt Ion: 56 Resp: 9914
Ion Ratio Lower Upper
56 100
69 165.2 26.2 39.4#
84 116.0 64.9 97.3#

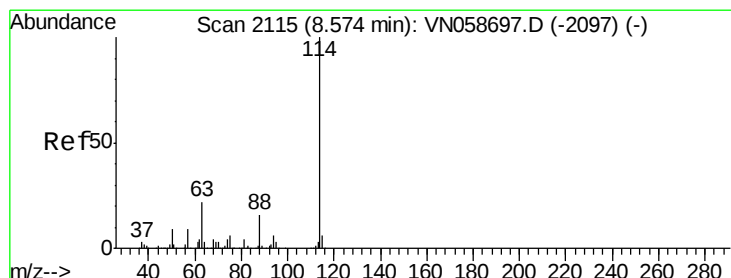
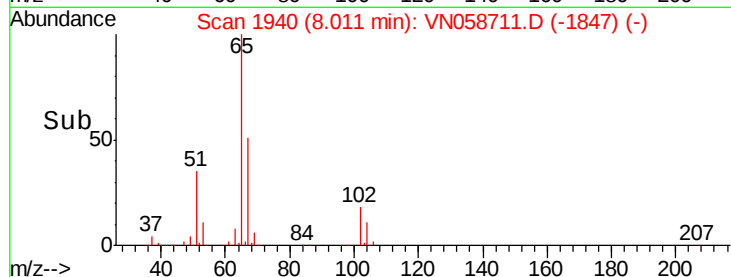
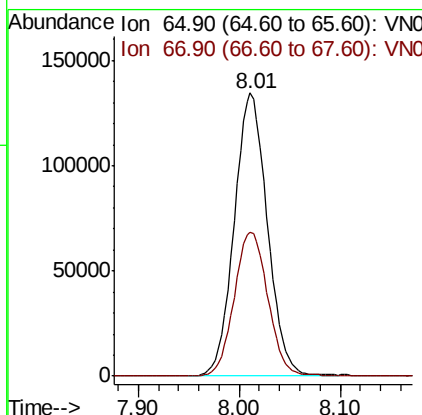
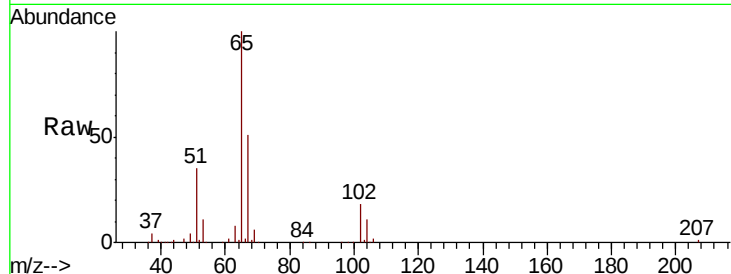




#33
 1,2-Dichloroethane-d4
 Concen: 51.292 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058711.D
 Acq: 11 Oct 2019 18:55

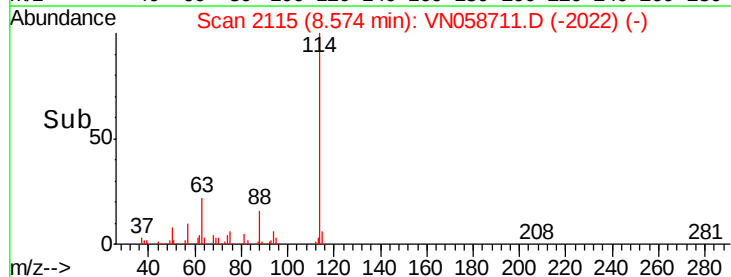
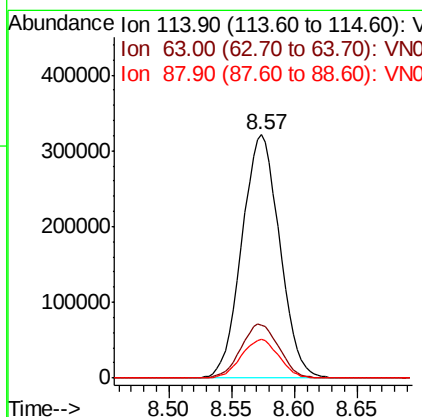
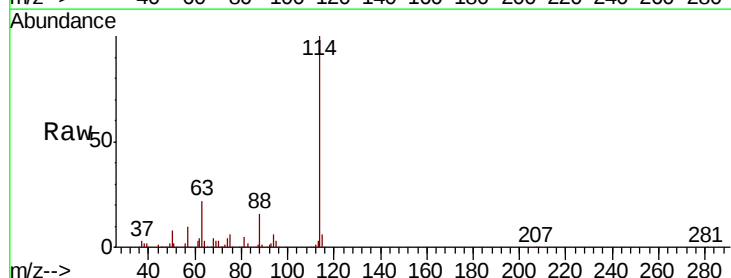
Instrument :
 MSVOA_N
 ClientSampled :

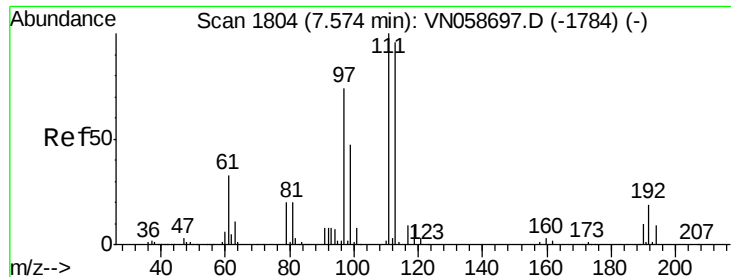
Tot Ion: 65 Resp: 306121
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058711.D
 Acq: 11 Oct 2019 18:55

Tgt Ion: 114 Resp: 674453
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.8
 88 15.7 0.0 32.0

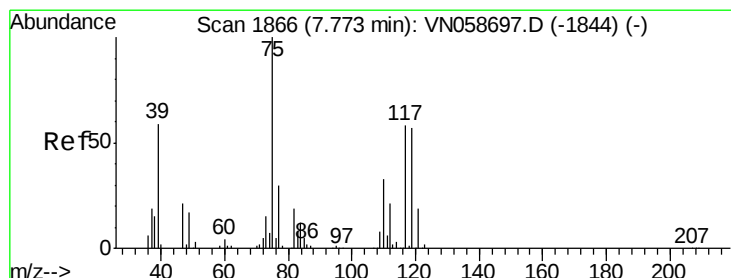
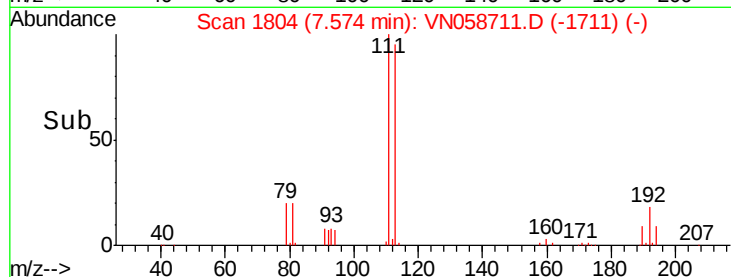
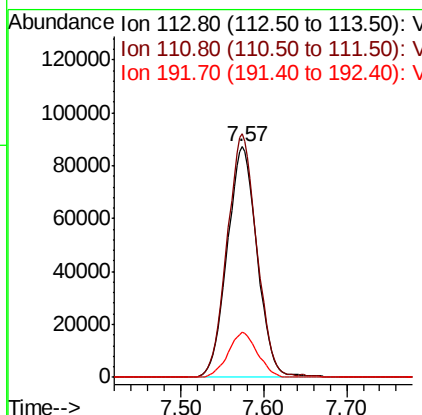
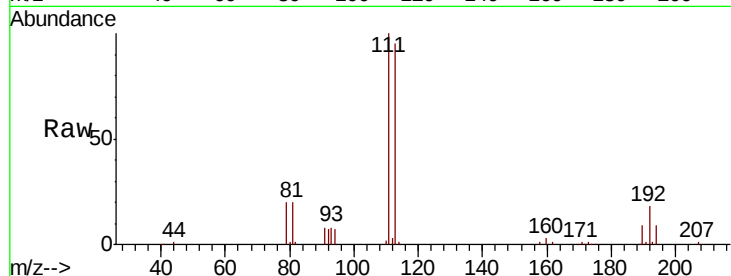




#35
 Dibromofluoromethane
 Concen: 52.589 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058711.D
 Acq: 11 Oct 2019 18:55

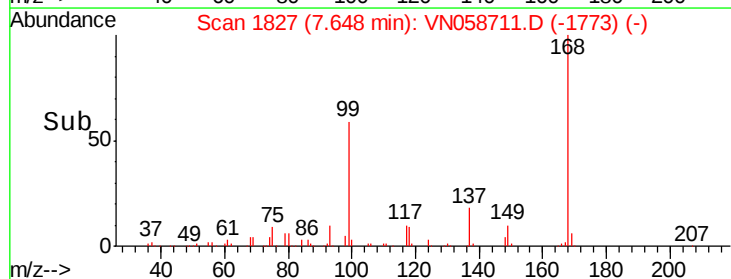
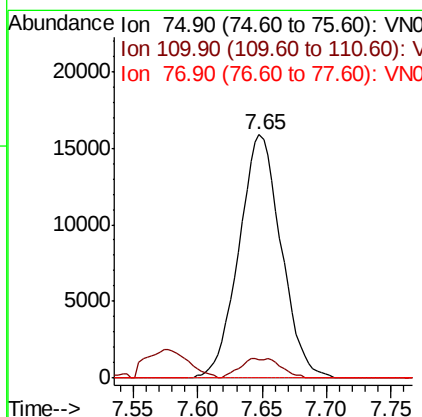
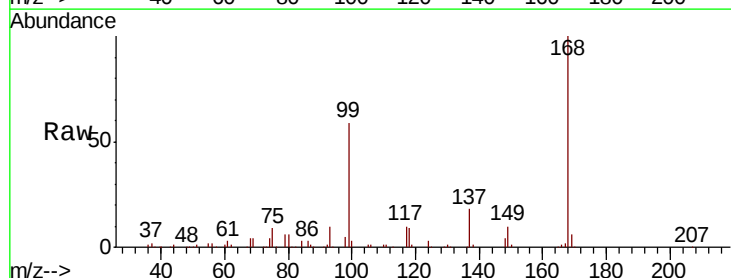
Instrument :
 MSVOA_N
 ClientSampleId :

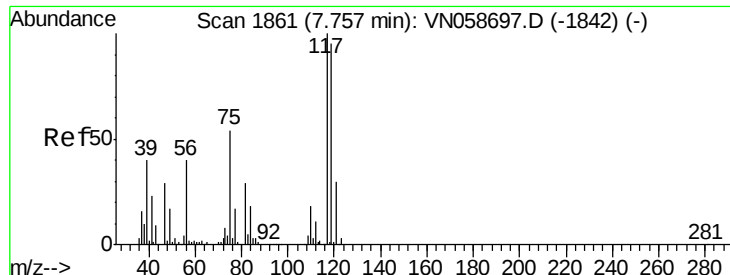
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.3	123.5
192	19.1	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 5.308 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058711.D
 Acq: 11 Oct 2019 18:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.6	49.8#
77	0.0	24.6	37.0#

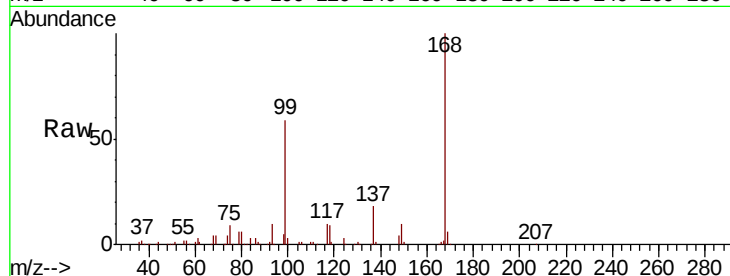




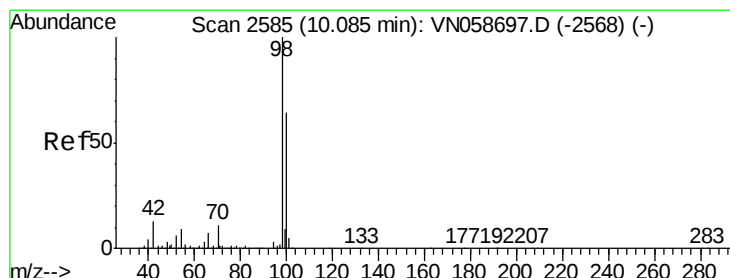
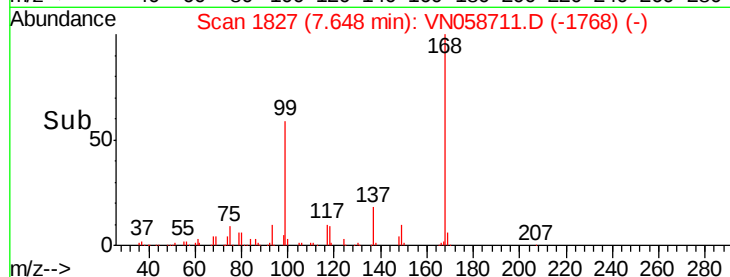
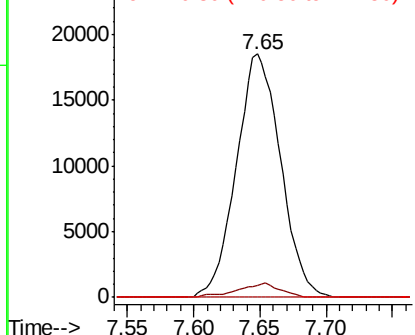
#38
Carbon Tetrachloride
Concen: 6.459 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN058711.D
Acq: 11 Oct 2019 18:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 42925
Ion Ratio Lower Upper
117 100
119 5.0 75.7 113.5#
121 0.0 23.9 35.9#

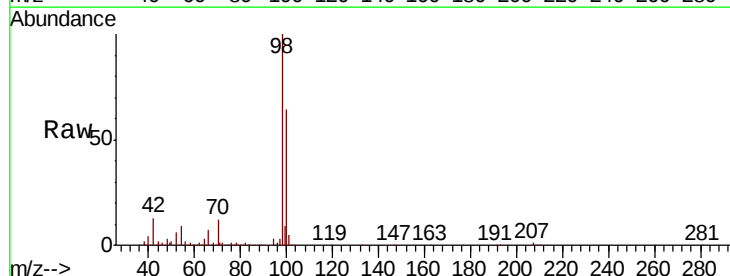


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

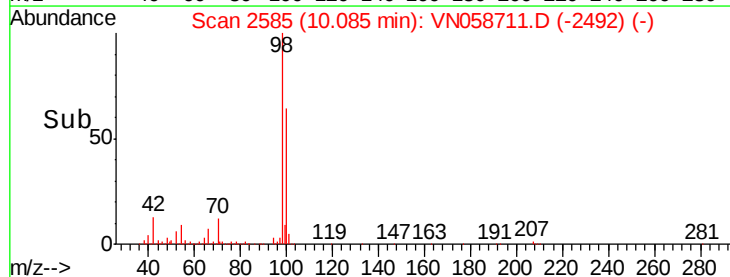
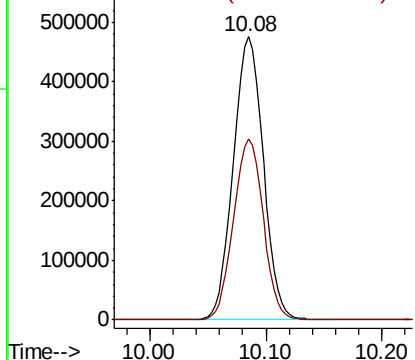


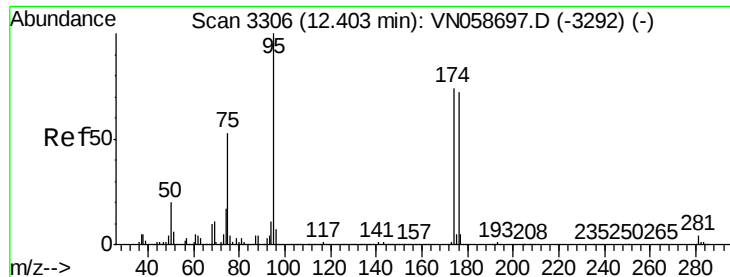
#50
Toluene-d8
Concen: 51.269 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058711.D
Acq: 11 Oct 2019 18:55

Tgt Ion: 98 Resp: 854092
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

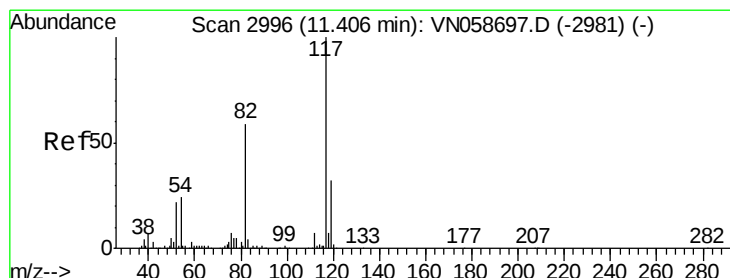
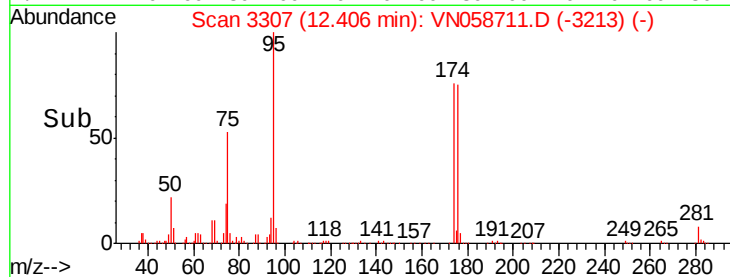
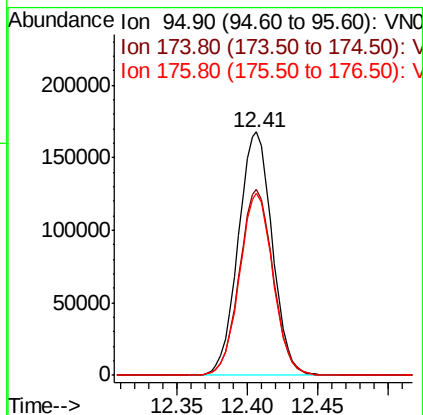
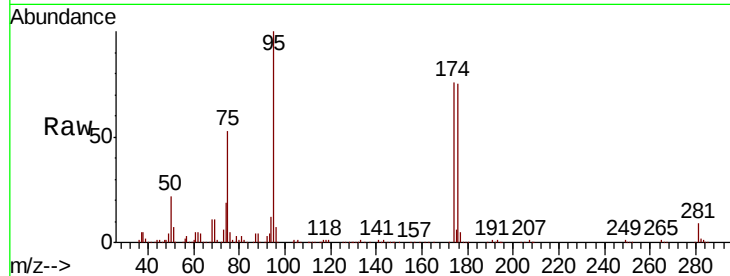




#62
4-Bromofluorobenzene
Concen: 45.017 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058711.D
Acq: 11 Oct 2019 18:55

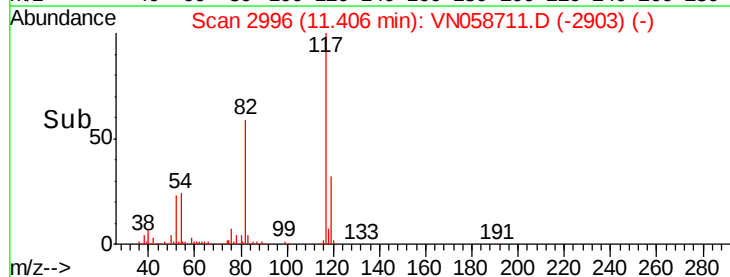
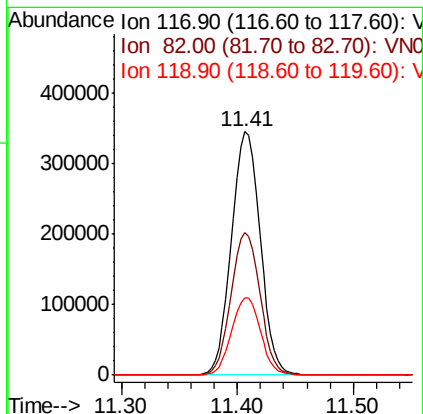
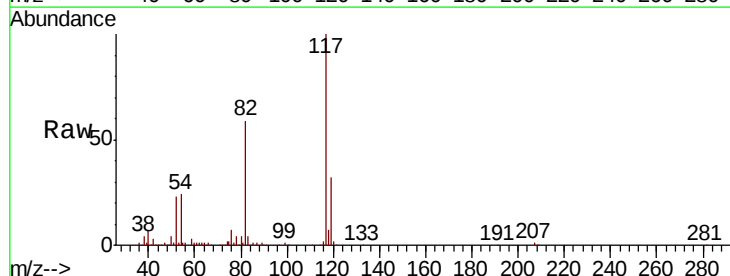
Instrument :
MSVOA_N
ClientSampled :

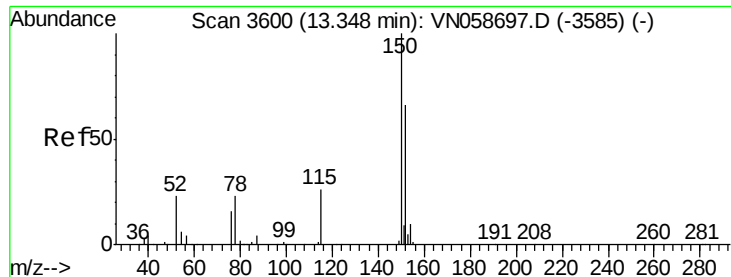
Tot Ion: 95 Resp: 283871
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.4
176 73.9 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058711.D
Acq: 11 Oct 2019 18:55

Tgt Ion: 117 Resp: 593218
Ion Ratio Lower Upper
117 100
82 58.6 47.0 70.4
119 31.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058711.D

Acq: 11 Oct 2019 18:55

Instrument :

MSVOA_N

ClientSampleId :

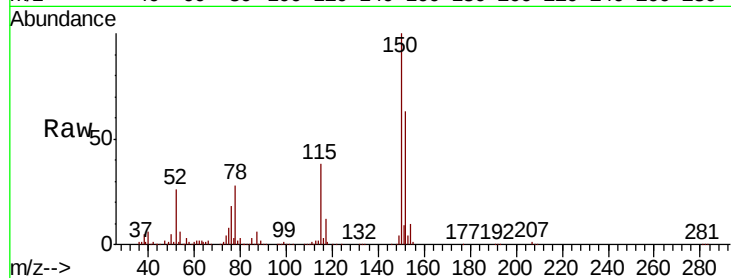
Tot Ion:152 Resp: 243306

Ion Ratio Lower Upper

152 100

115 59.4 30.4 91.2

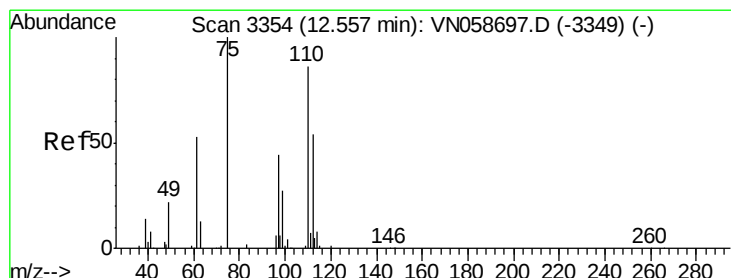
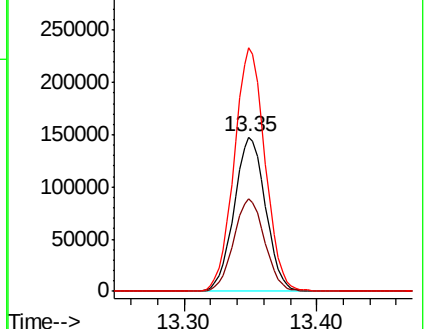
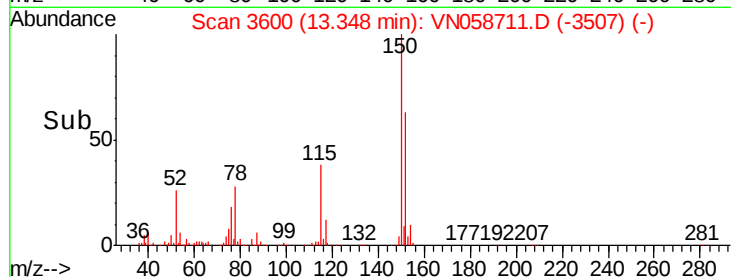
150 155.1 0.0 345.4



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: 28.733 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058711.D

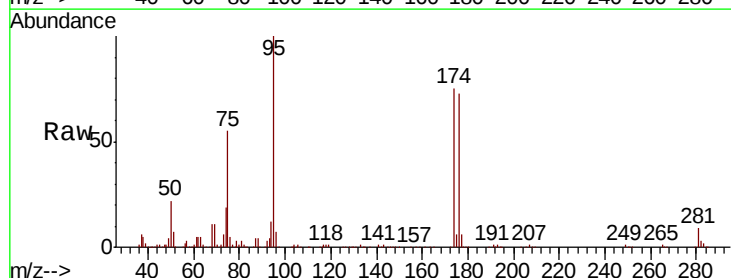
Acq: 11 Oct 2019 18:55

Tgt Ion: 75 Resp: 153365

Ion Ratio Lower Upper

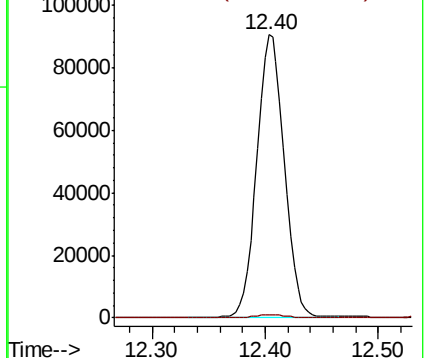
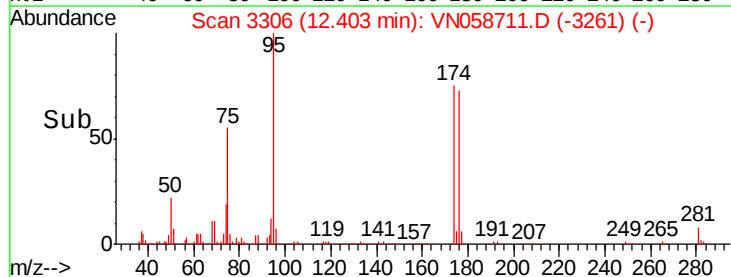
75 100

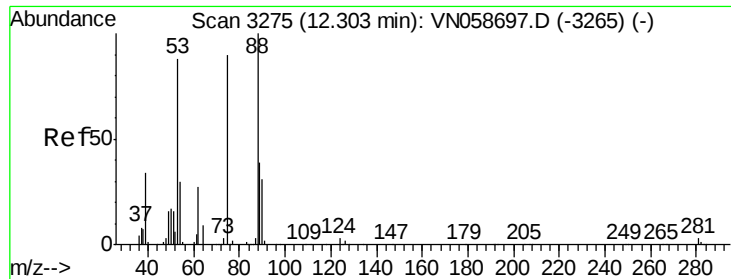
77 1.4 0.0 0.0#



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: 76.967 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058711.D

Acq: 11 Oct 2019 18:55

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 153365

Ion Ratio Lower Upper

75 100

53 0.0 78.4 117.6#

89 0.3 34.9 52.3#

