

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058709.D
 Acq On : 11 Oct 2019 18:11
 Operator : JC/SP
 Sample : K5336-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 00:12:44 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	418396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	656985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	579374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	238658	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	300468	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
35) Dibromofluoromethane	7.57	113	214111	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	10.08	98	827905	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.41	95	276293	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	

Target Compounds

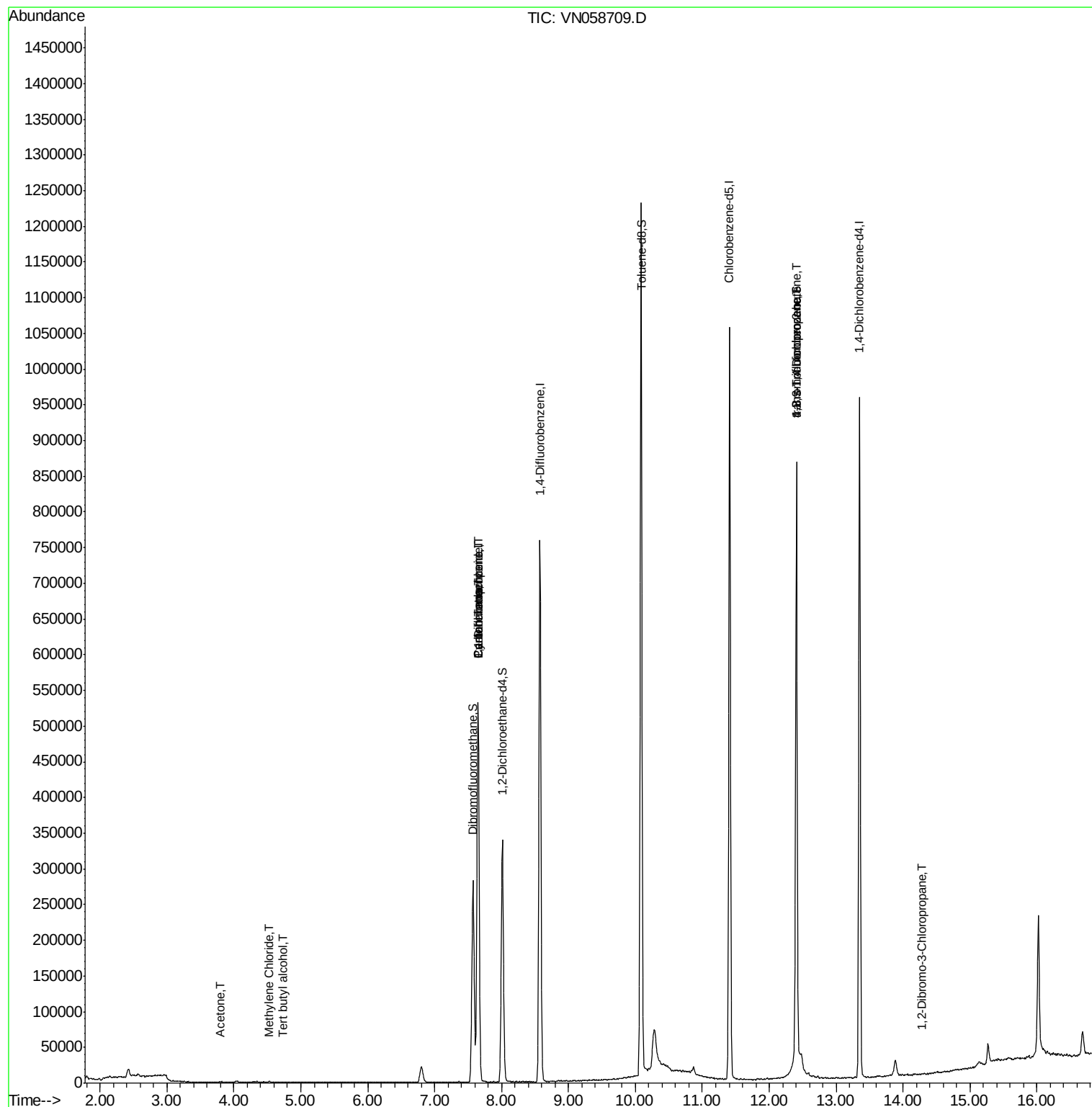
					Qvalue	
11) Tert butyl alcohol	4.72	59	244	0.257	ug/l #	72
16) Acetone	3.80	43	1230	0.507	ug/l #	46
20) Methylene Chloride	4.53	84	1061	0.209	ug/l #	79
31) Cyclohexane	7.64	56	9686	1.127	ug/l #	21
36) 1,1-Dichloropropene	7.65	75	35249	5.307	ug/l #	50
38) Carbon Tetrachloride	7.65	117	41575	6.422	ug/l #	17
76) 1,2,3-Trichloropropane	12.41	75	149121	28.482	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	149121	76.295	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.27	75	509	0.383	ug/l #	5

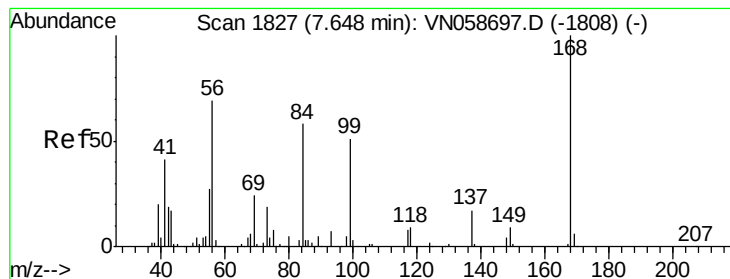
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampleId :

Quant Time: Oct 12 00:12:44 2019
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: VN058709.D

Acq: 11 Oct 2019 18:11

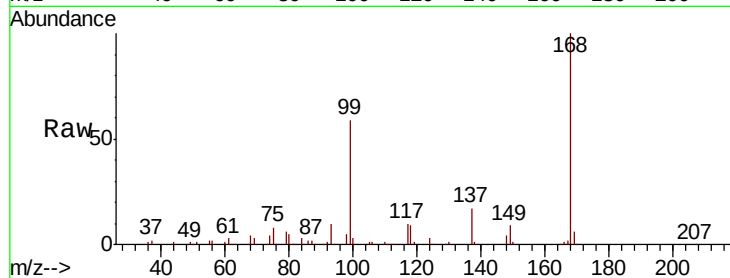
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 418396

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

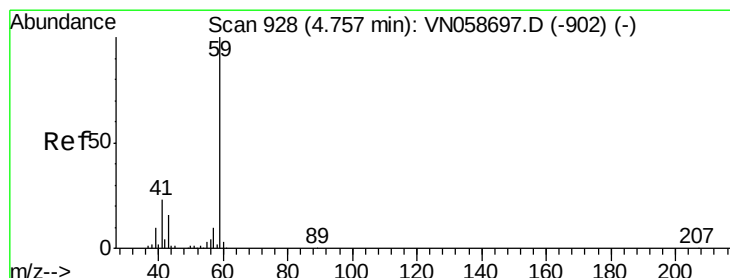
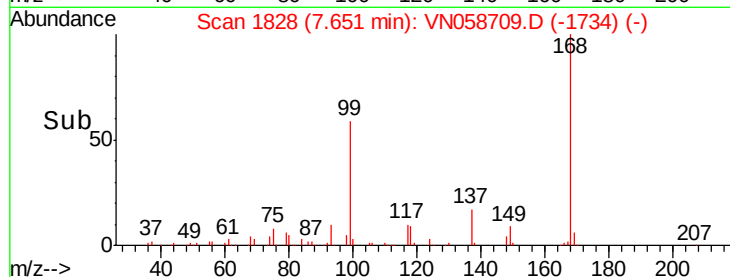
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.257 ug/l

RT: 4.72 min Scan# 918

Delta R.T. -0.03 min

Lab File: VN058709.D

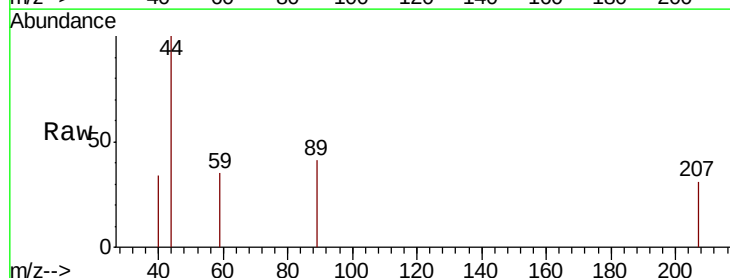
Acq: 11 Oct 2019 18:11

Tgt Ion: 59 Resp: 244

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN058697.D (-902) (-)

Ion 57.00 (56.70 to 57.70): VN058697.D (-902) (-)

4.72

250

200

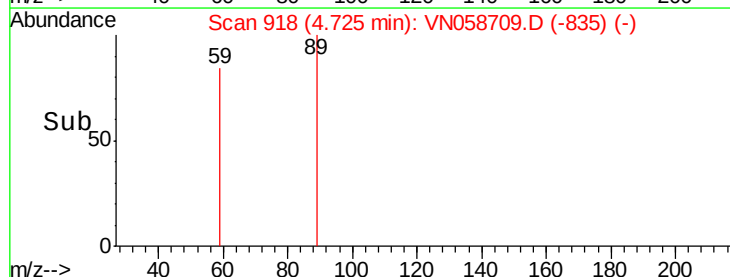
150

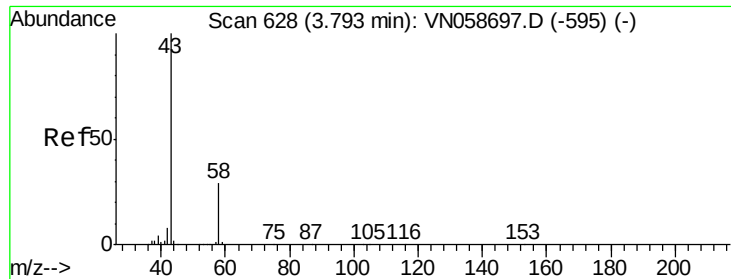
100

50

0

Time-->

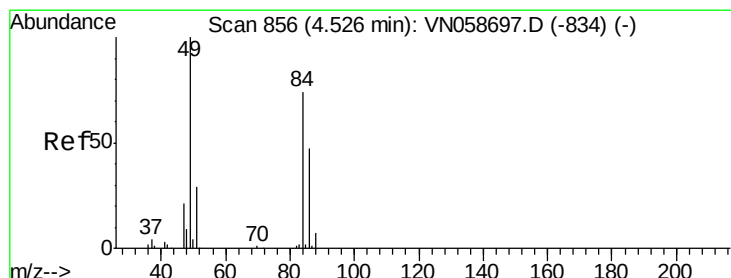
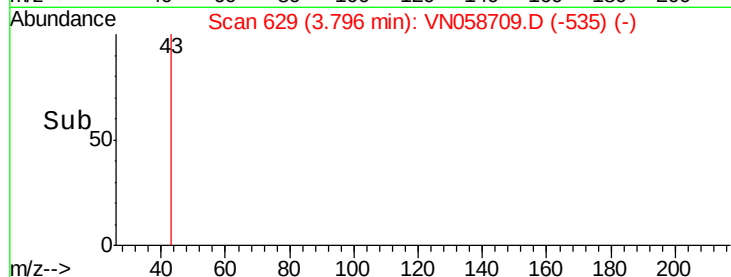
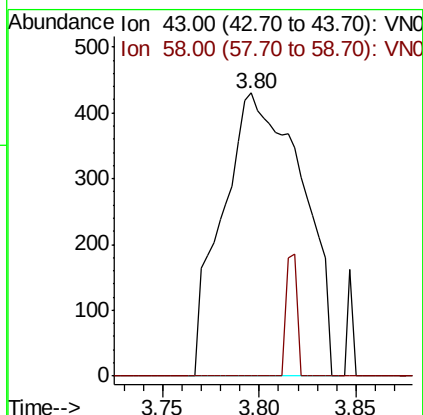
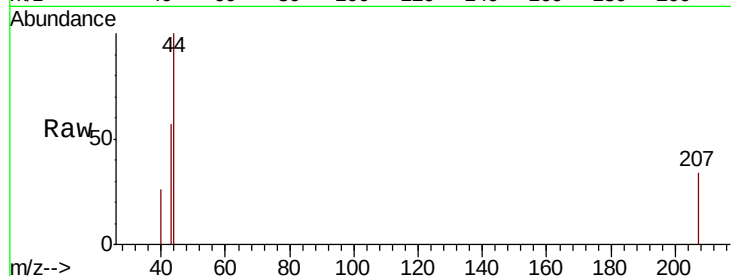




#16
Acetone
Concen: 0.507 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN058709.D
Acq: 11 Oct 2019 18:11

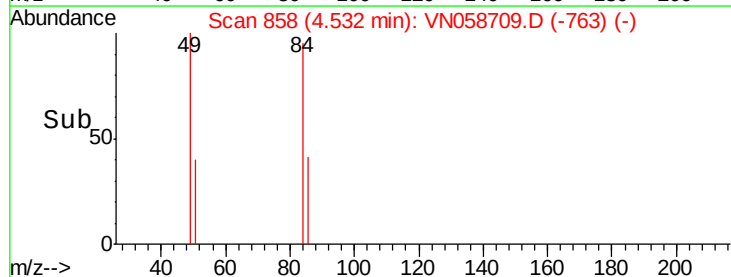
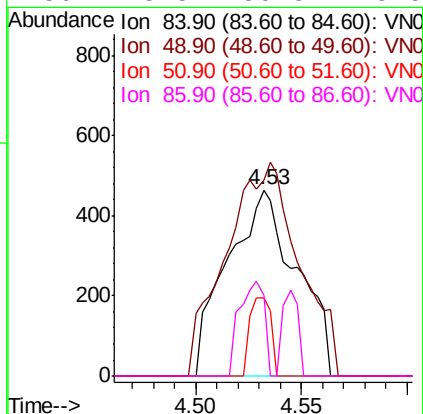
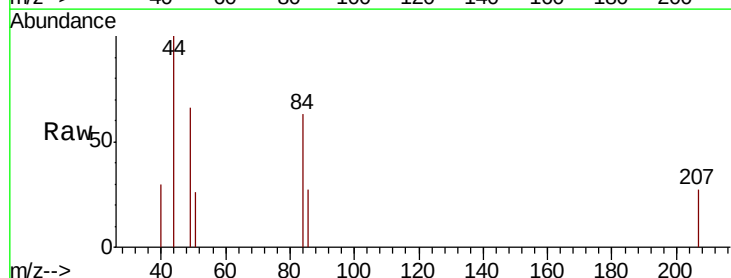
Instrument :
MSVOA_N
ClientSampled :

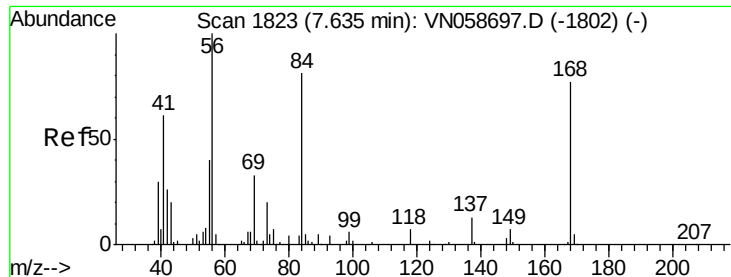
Tot Ion: 43 Resp: 1230
Ion Ratio Lower Upper
43 100
58 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 0.209 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058709.D
Acq: 11 Oct 2019 18:11

Tgt Ion: 84 Resp: 1061
Ion Ratio Lower Upper
84 100
49 105.6 107.6 161.4#
51 41.8 31.4 47.0
86 43.5 50.3 75.5#

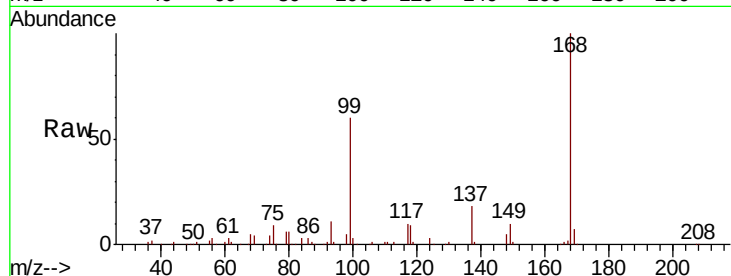




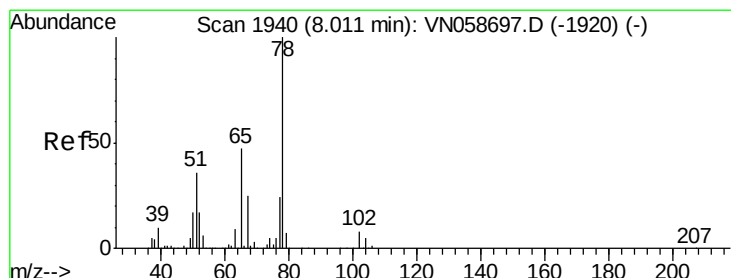
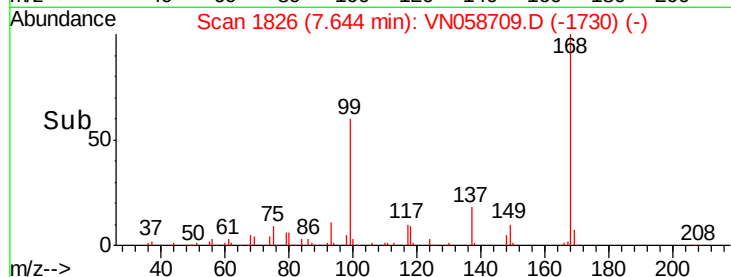
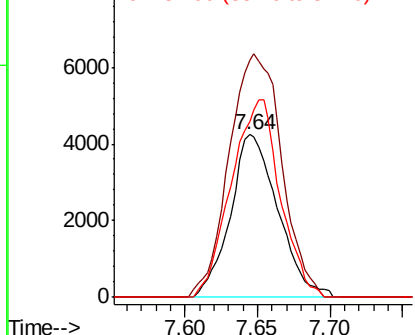
#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN058709.D
Acq: 11 Oct 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 9686
Ion Ratio Lower Upper
56 100
69 146.0 26.2 39.4#
84 107.6 64.9 97.3#

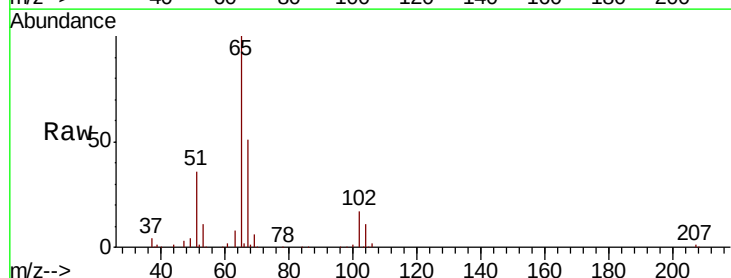


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

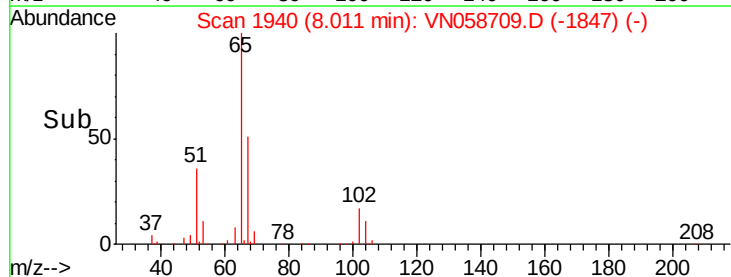
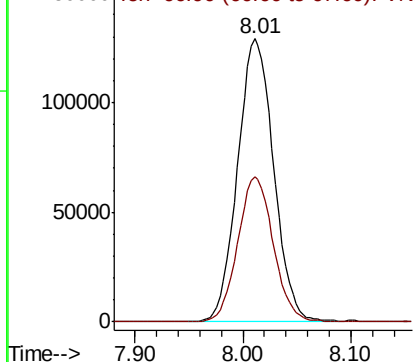


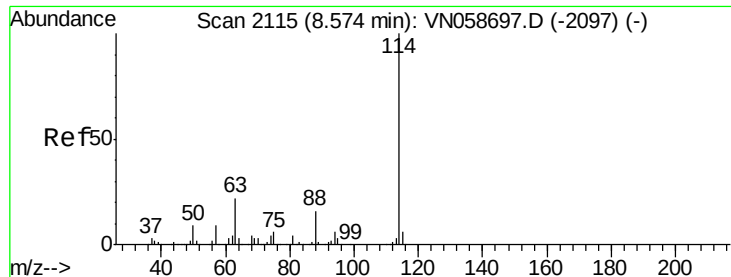
#33
1,2-Dichloroethane-d4
Concen: 51.296 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058709.D
Acq: 11 Oct 2019 18:11

Tgt Ion: 65 Resp: 300468
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

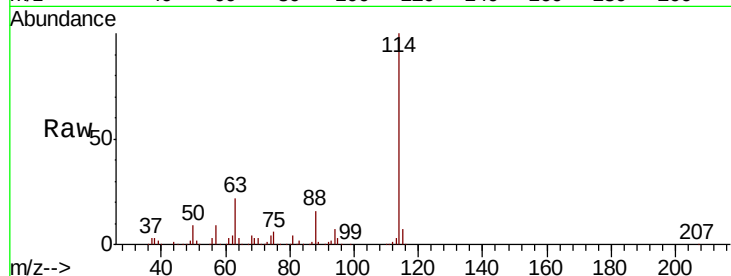




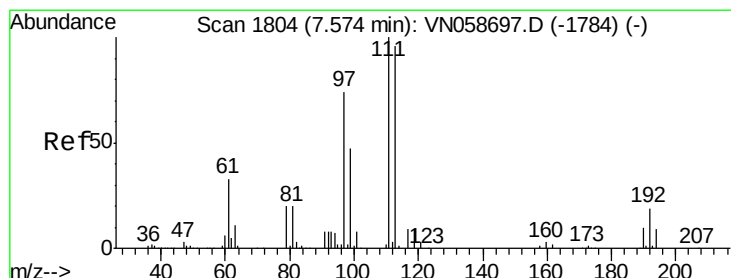
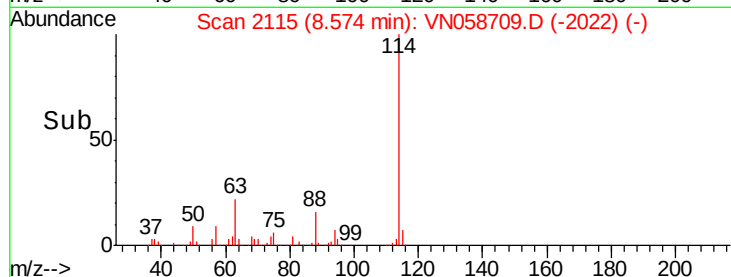
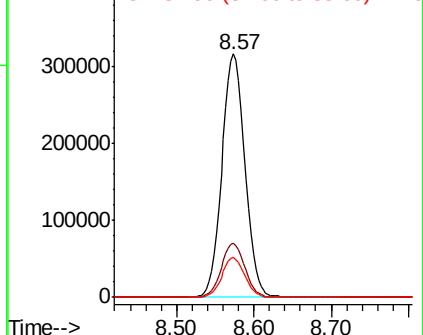
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058709.D
 Acq: 11 Oct 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.8
88	16.2	0.0	32.0

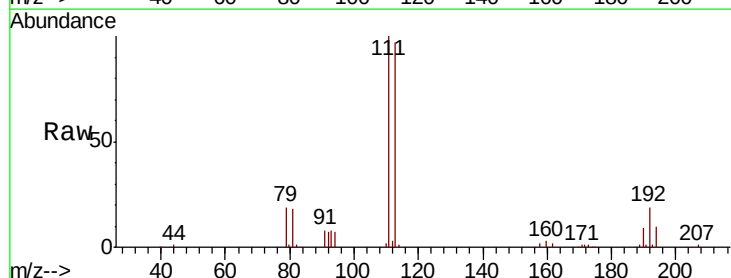


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

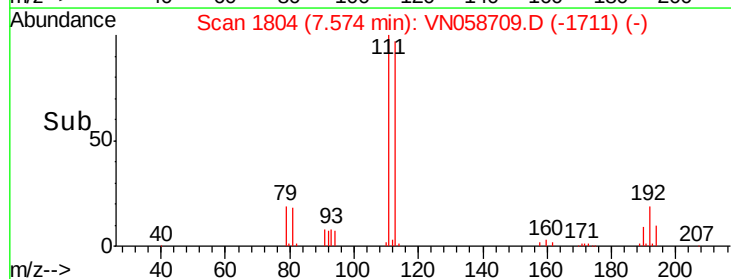
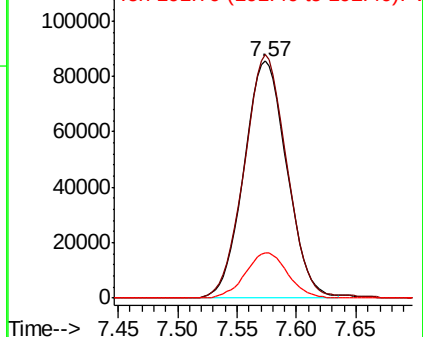


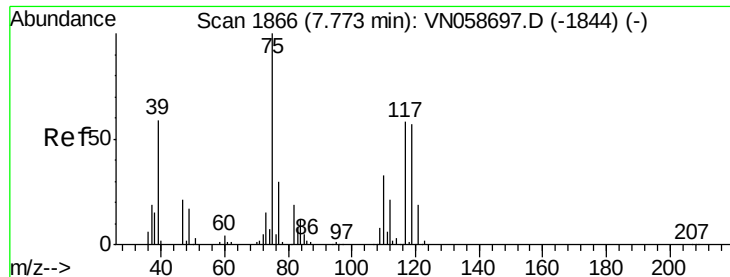
#35
 Dibromofluoromethane
 Concen: 52.762 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058709.D
 Acq: 11 Oct 2019 18:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.3	123.5
192	18.8	15.0	22.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

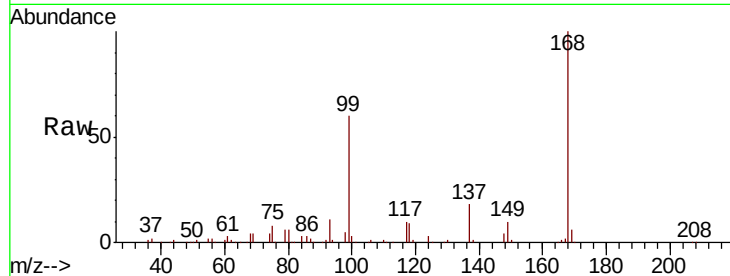




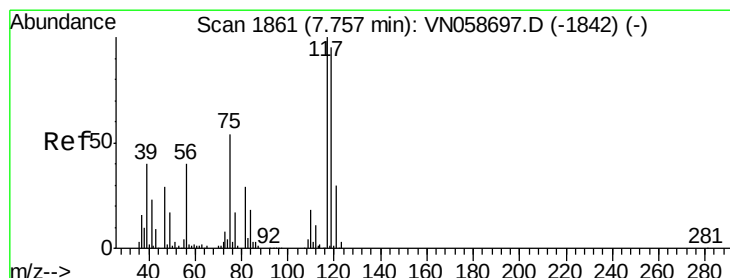
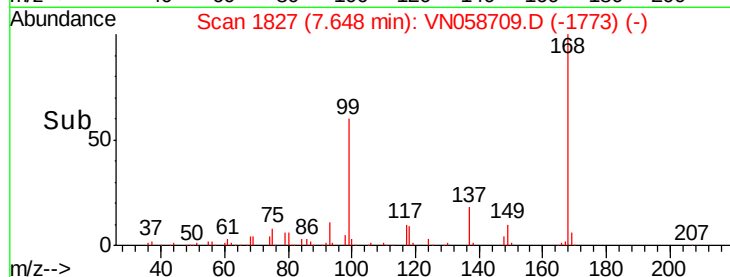
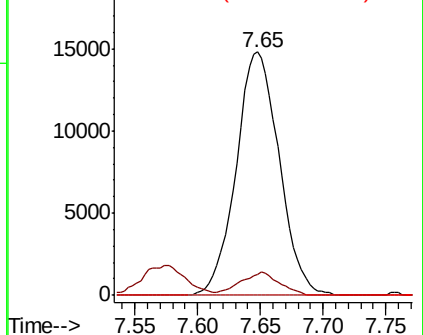
#36
 1,1-Dichloropropene
 Concen: 5.307 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058709.D
 Acq: 11 Oct 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.6	49.8#
77	0.0	24.6	37.0#

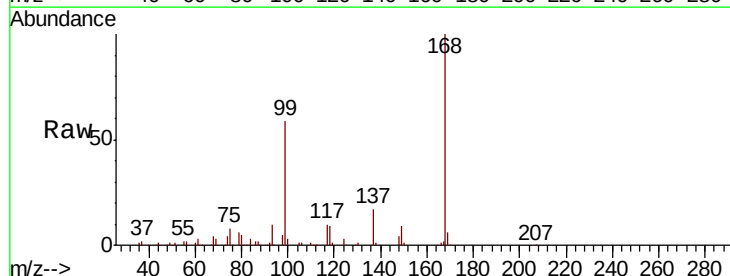


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

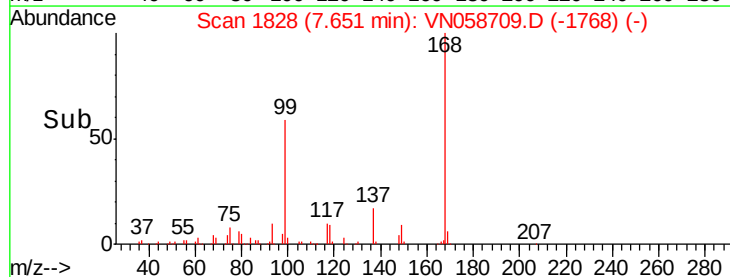
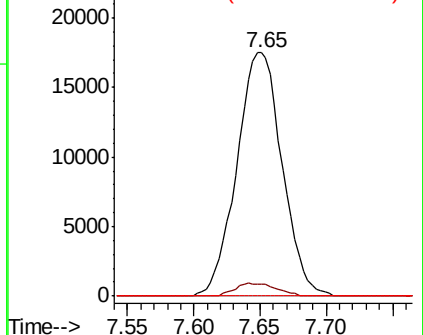


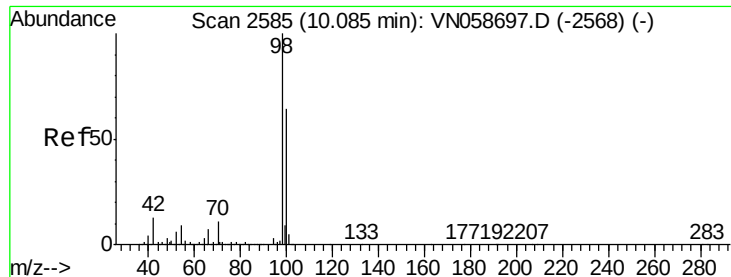
#38
 Carbon Tetrachloride
 Concen: 6.422 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058709.D
 Acq: 11 Oct 2019 18:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	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: 51.018 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058709.D

Acq: 11 Oct 2019 18:11

Instrument :

MSVOA_N

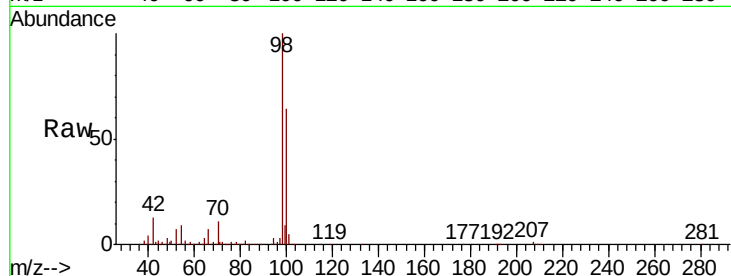
ClientSampled :

Tot Ion: 98 Resp: 827905

Ion Ratio Lower Upper

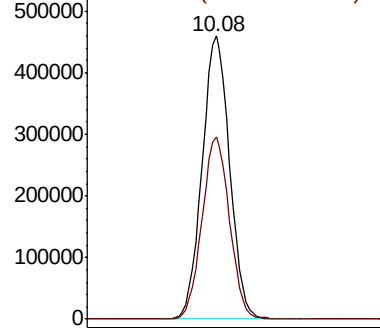
98 100

100 64.3 51.1 76.7

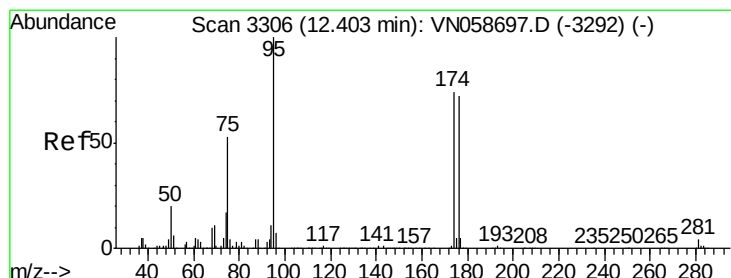
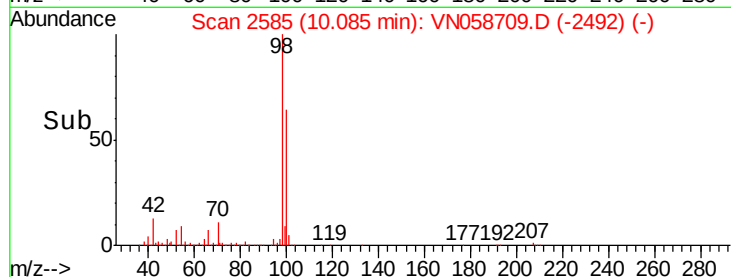


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: 44.980 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058709.D

Acq: 11 Oct 2019 18:11

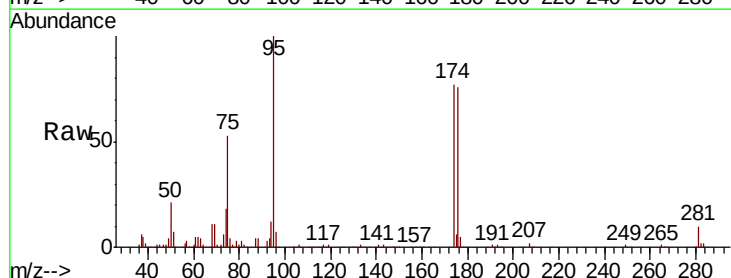
Tgt Ion: 95 Resp: 276293

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.4

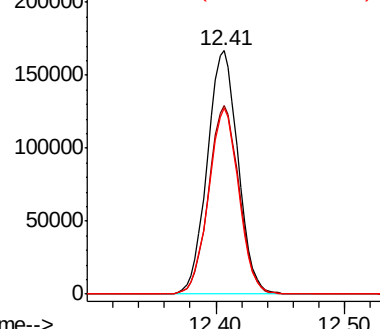
176 75.1 0.0 146.8



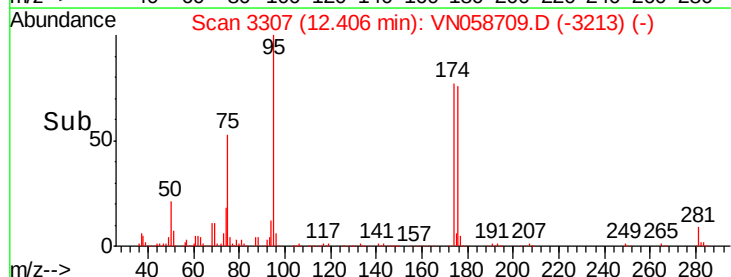
Abundance Ion 94.90 (94.60 to 95.60): VN0

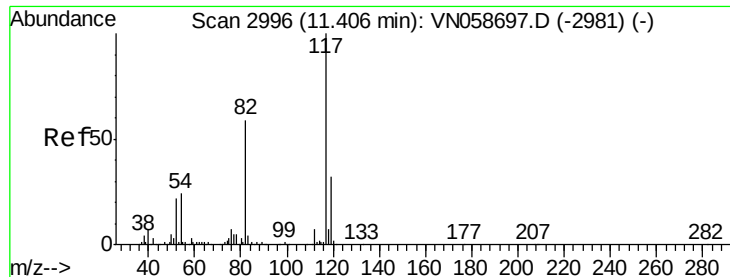
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058709.D

Acq: 11 Oct 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

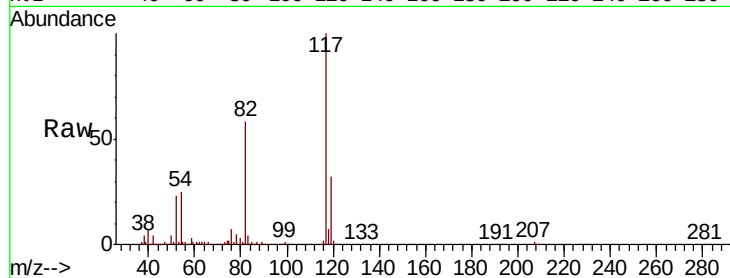
Tot Ion:117 Resp: 579374

Ion Ratio Lower Upper

117 100

82 58.5 47.0 70.4

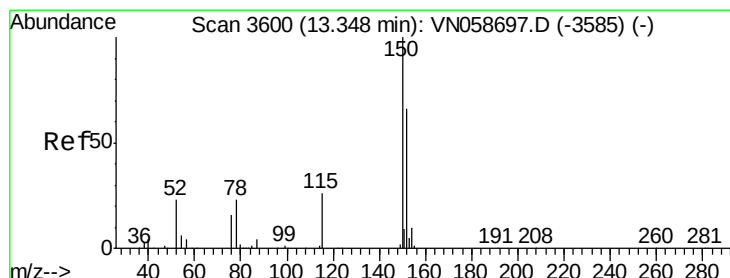
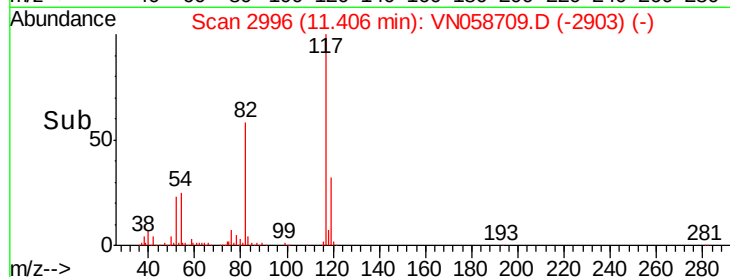
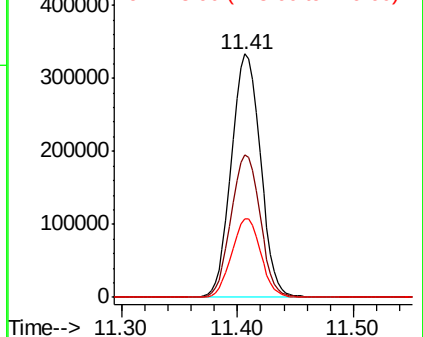
119 32.5 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): 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: VN058709.D

Acq: 11 Oct 2019 18:11

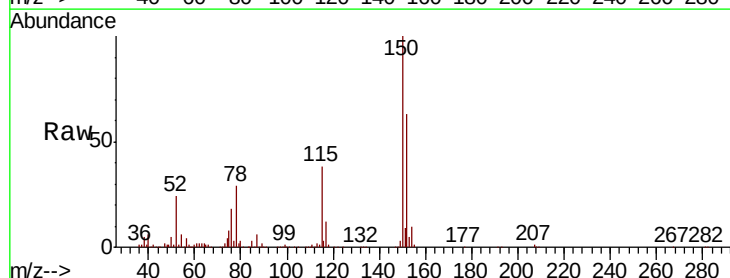
Tgt Ion:152 Resp: 238658

Ion Ratio Lower Upper

152 100

115 60.6 30.4 91.2

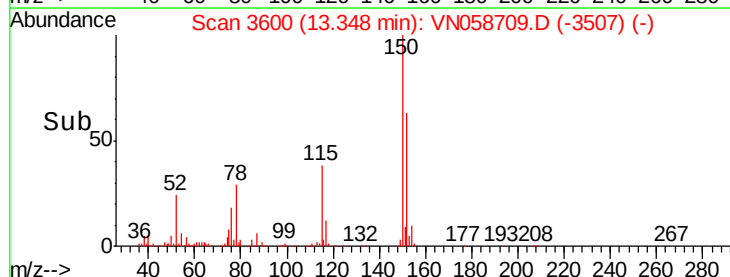
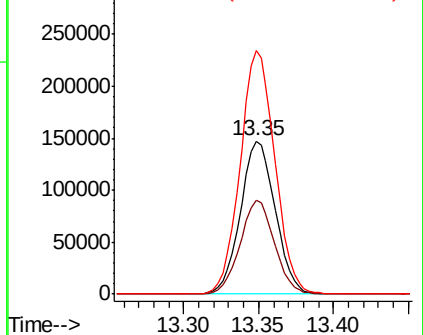
150 158.4 0.0 345.4

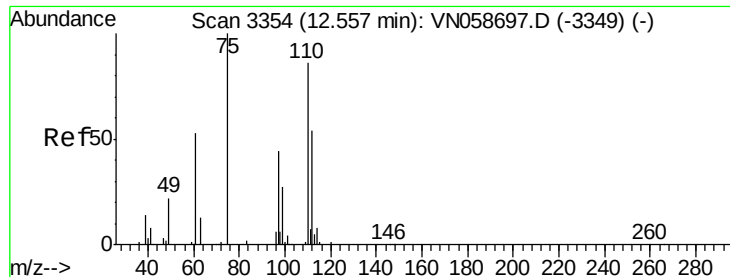


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

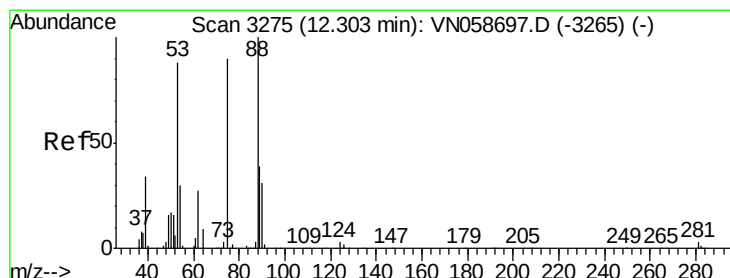
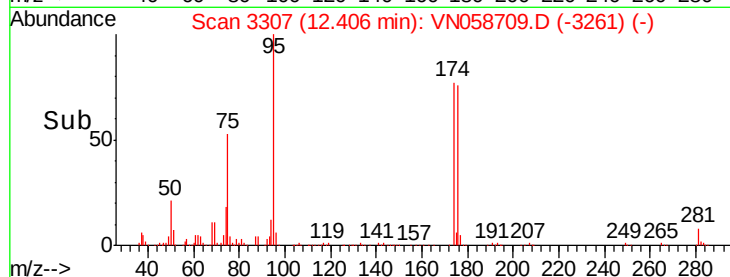
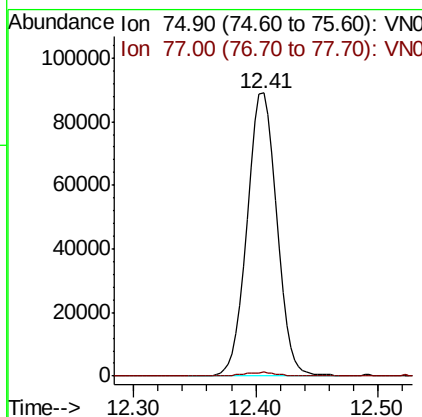
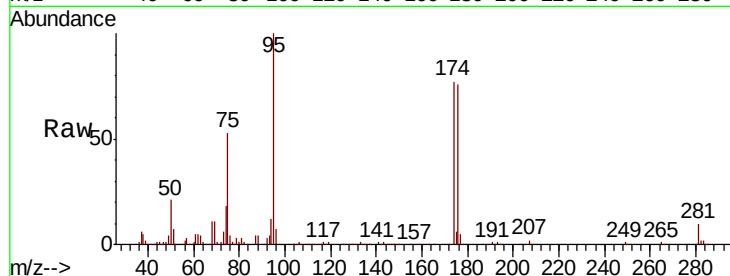




#76
 1,2,3-Trichloropropane
 Concen: 28.482 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. -0.15 min
 Lab File: VN058709.D
 Acq: 11 Oct 2019 18:11

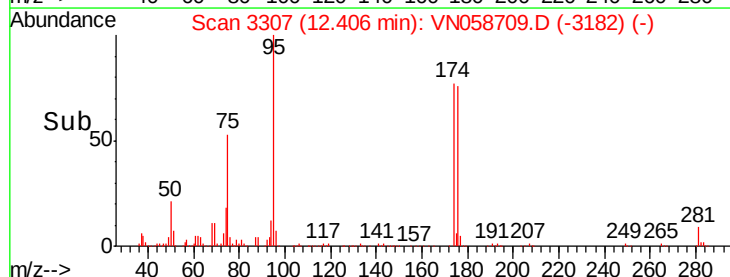
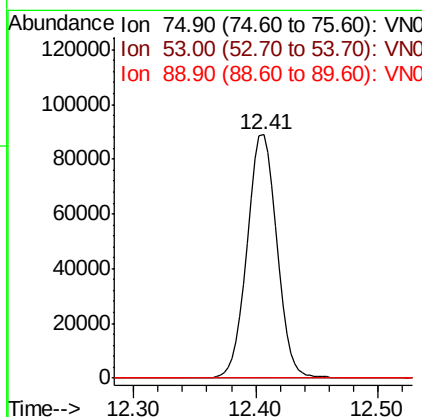
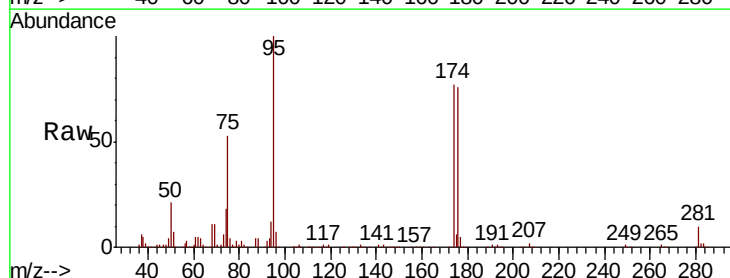
Instrument :
 MSVOA_N
 ClientSampled :

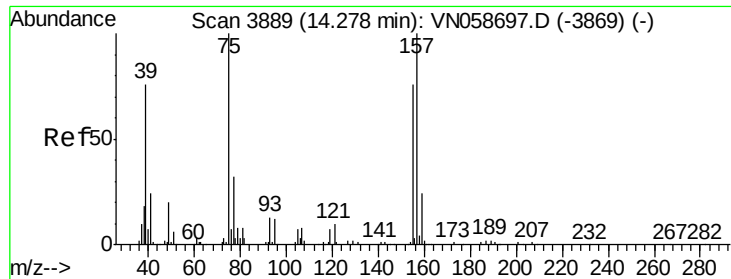
Tot Ion: 75 Resp: 149121
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.295 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN058709.D
 Acq: 11 Oct 2019 18:11

Tgt Ion: 75 Resp: 149121
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.4 117.6#
 89 0.1 34.9 52.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.383 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.01 min

Lab File: VN058709.D

Acq: 11 Oct 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

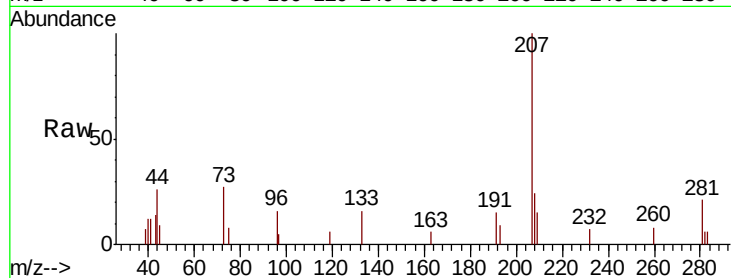
Tot Ion: 75 Resp: 509

Ion Ratio Lower Upper

75 100

155 0.0 37.9 113.6#

157 0.0 49.4 148.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

