

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110119\
 Data File : VN059069.D
 Acq On : 1 Nov 2019 17:48
 Operator : JC/SP
 Sample : K5615-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 06:07:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

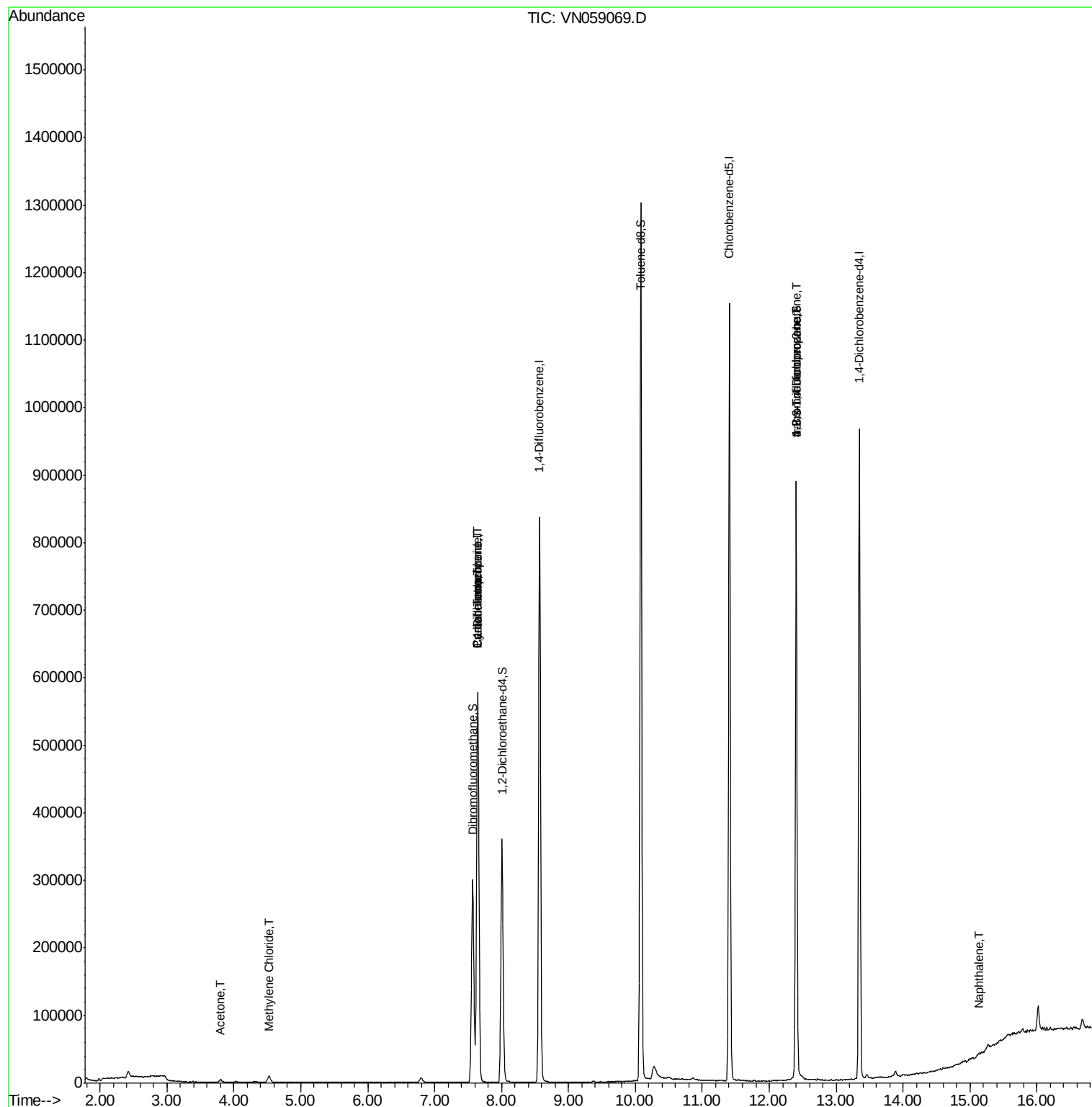
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	471833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	736686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	655461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	256550	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	313118	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
35) Dibromofluoromethane	7.57	113	232057	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	10.08	98	902200	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.40	95	303298	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
Target Compounds						
					Qvalue	
16) Acetone	3.80	43	6468	2.045	ug/l	97
20) Methylene Chloride	4.53	84	7102	1.282	ug/l	83
31) Cyclohexane	7.64	56	10166	1.056	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	36914	5.042	ug/l #	46
38) Carbon Tetrachloride	7.64	117	45128	6.324	ug/l #	16
76) 1,2,3-Trichloropropane	12.40	75	153799	25.333	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	153799	64.942	ug/l #	14
95) Naphthalene	15.13	128	1087	3.059	ug/l #	70

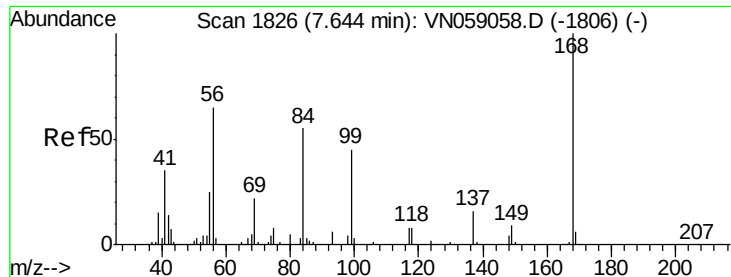
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110119\
Data File : VN059069.D
Acq On : 1 Nov 2019 17:48
Operator : JC/SP
Sample : K5615-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 02 06:07:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 05:43:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059069.D

Acq: 1 Nov 2019 17:48

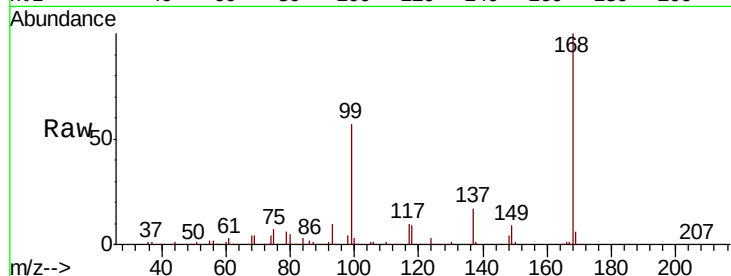
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 471833

Ion Ratio Lower Upper

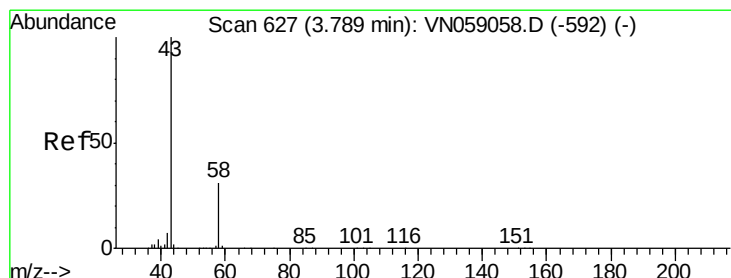
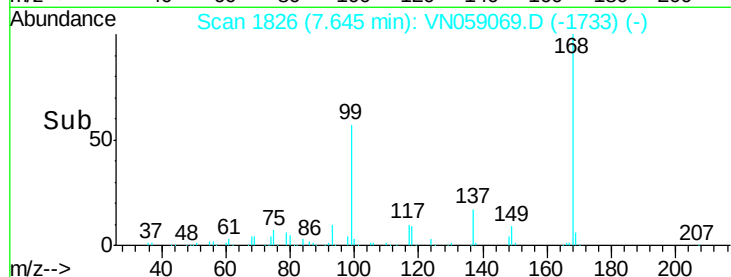
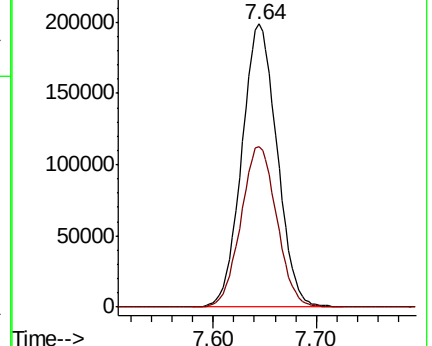
168 100

99 56.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 2.045 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059069.D

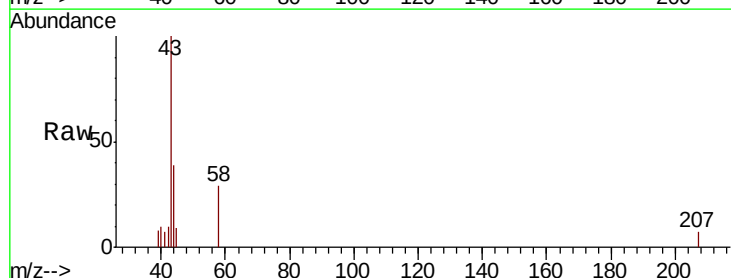
Acq: 1 Nov 2019 17:48

Tgt Ion: 43 Resp: 6468

Ion Ratio Lower Upper

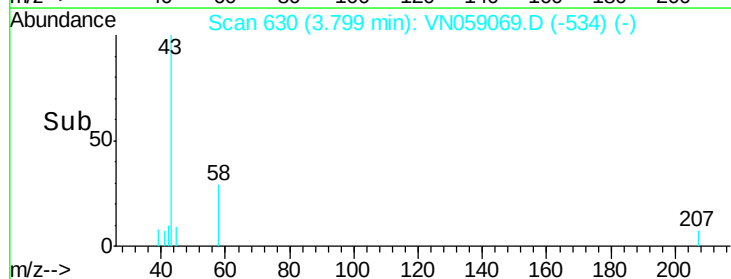
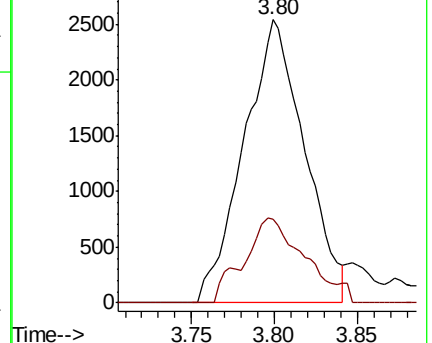
43 100

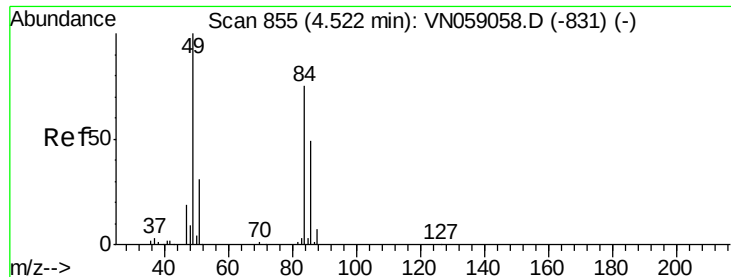
58 29.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

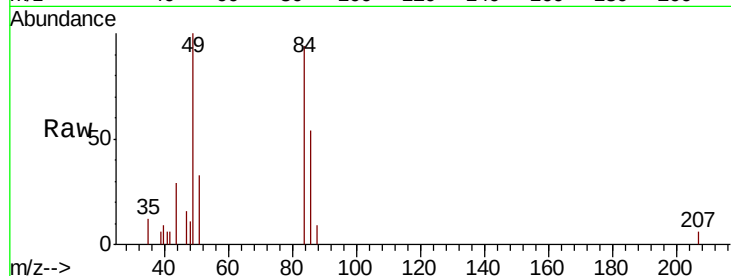




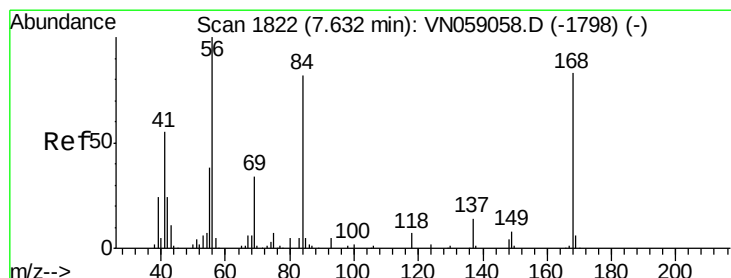
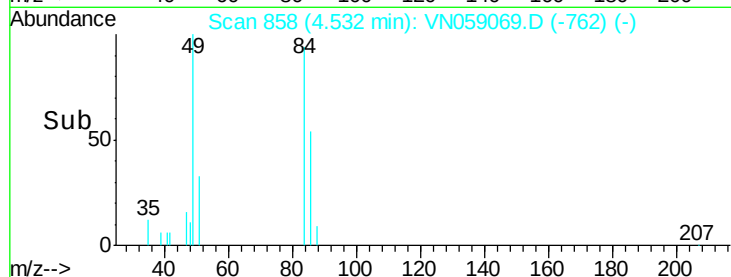
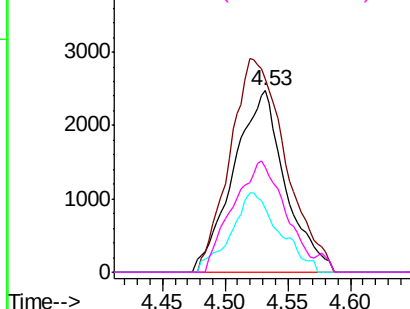
#20
Methvlene Chloride
Concen: 1.282 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN059069.D
Acq: 1 Nov 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	84	Resp:	7102
Ion	Ratio	Lower	Upper
84	100		
49	106.7	106.4	159.6
51	35.5	33.0	49.4
86	57.6	52.0	78.0

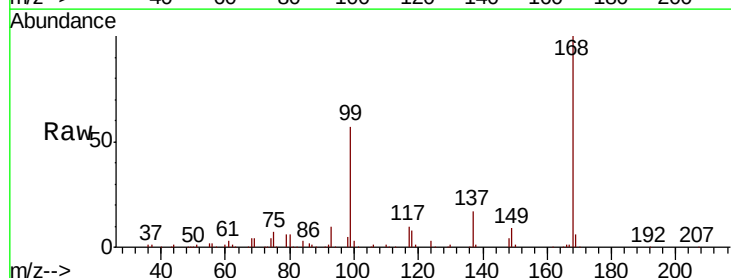


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

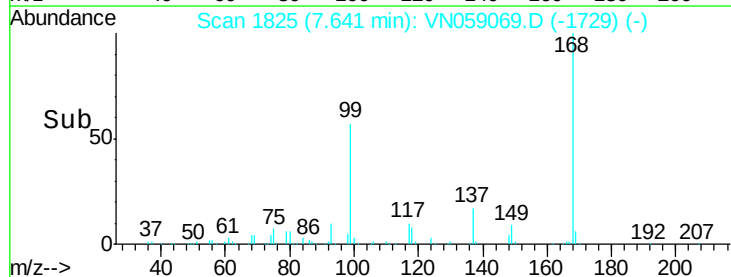
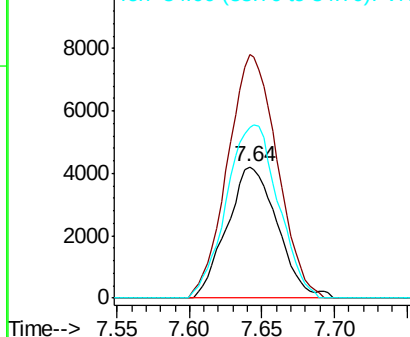


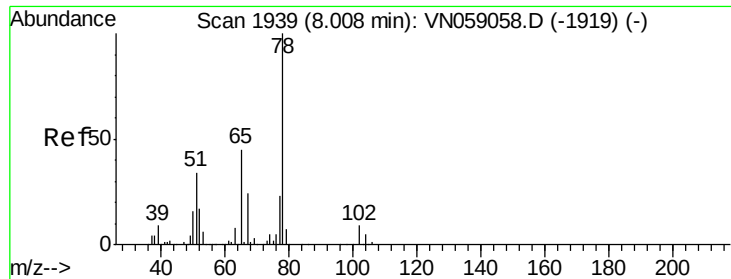
#31
Cyclohexane
Concen: 1.056 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059069.D
Acq: 1 Nov 2019 17:48

Tgt Ion:	56	Resp:	10166
Ion	Ratio	Lower	Upper
56	100		
69	185.9	27.2	40.8#
84	129.9	65.2	97.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

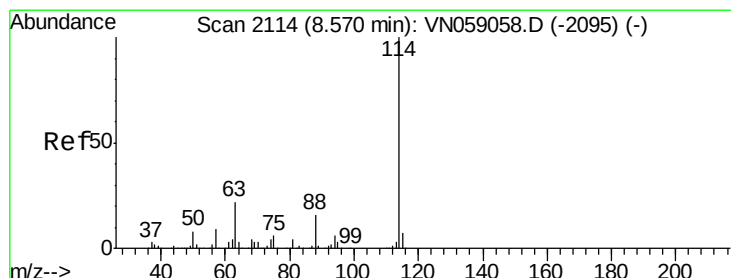
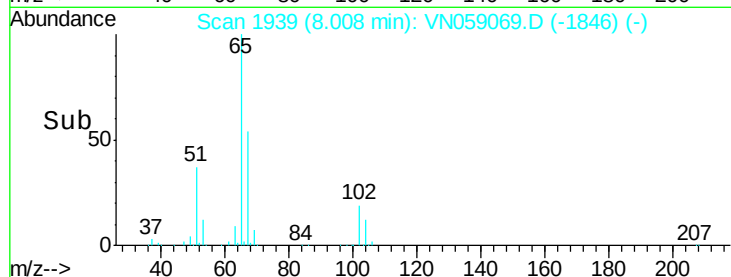
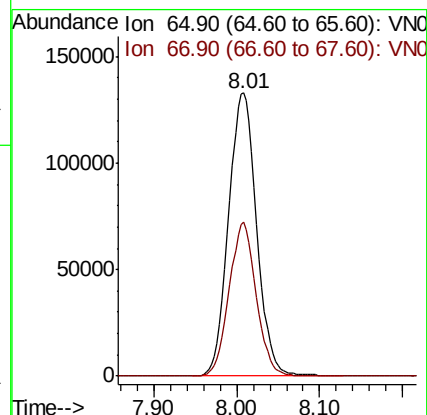
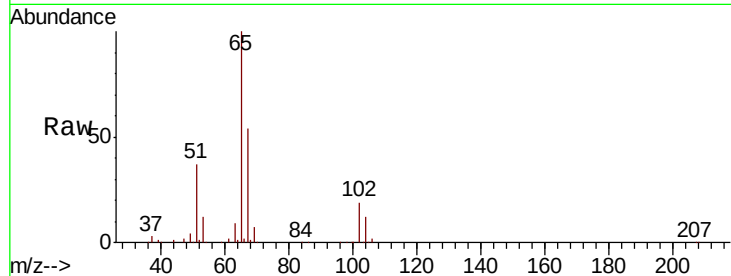




#33
 1,2-Dichloroethane-d4
 Concen: 50.108 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059069.D
 Acq: 1 Nov 2019 17:48

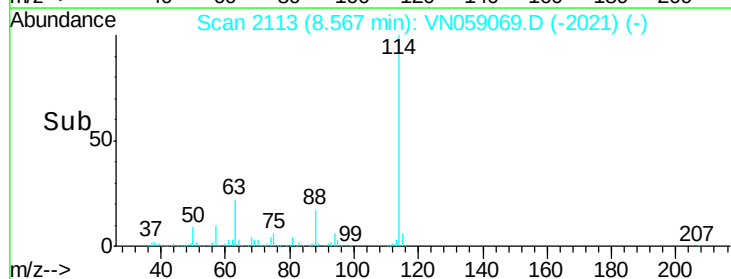
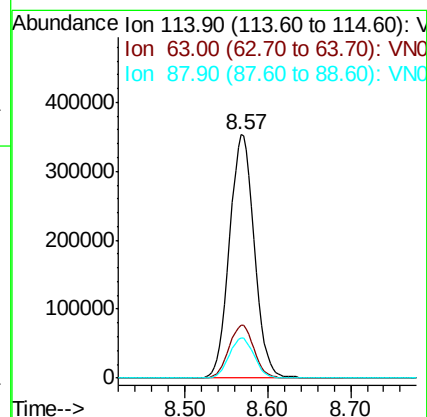
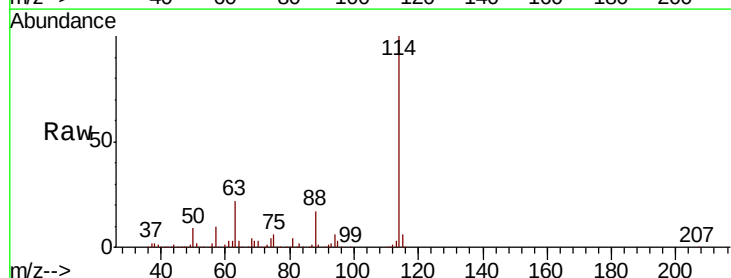
Instrument :
 MSVOA_N
 ClientSampled :

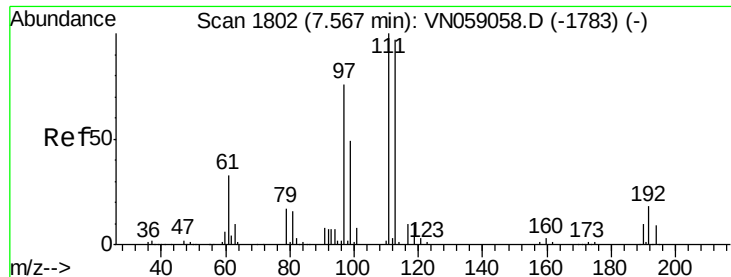
Tot Ion: 65 Resp: 313118
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059069.D
 Acq: 1 Nov 2019 17:48

Tgt Ion: 114 Resp: 736686
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 16.6 0.0 33.0

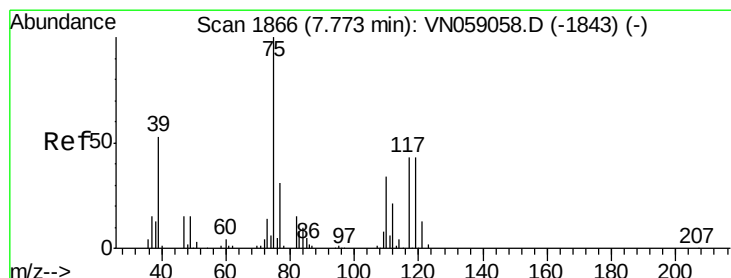
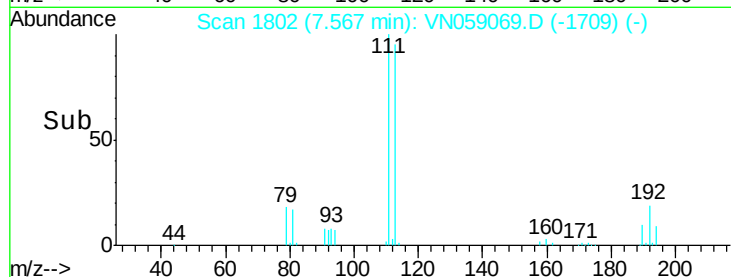
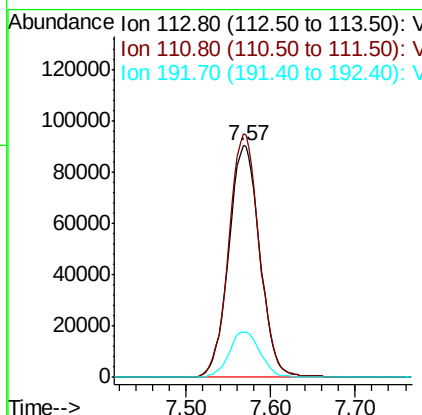
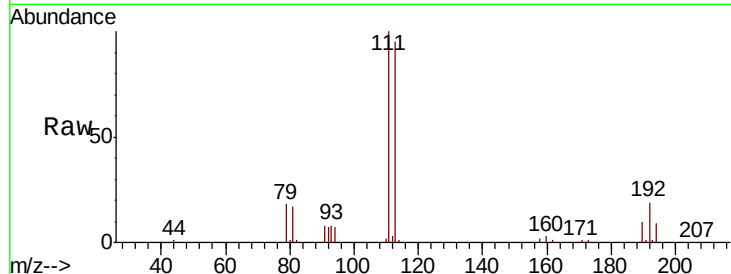




#35
 Dibromofluoromethane
 Concen: 48.828 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059069.D
 Acq: 1 Nov 2019 17:48

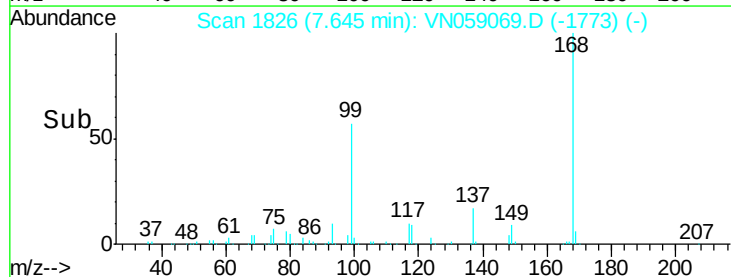
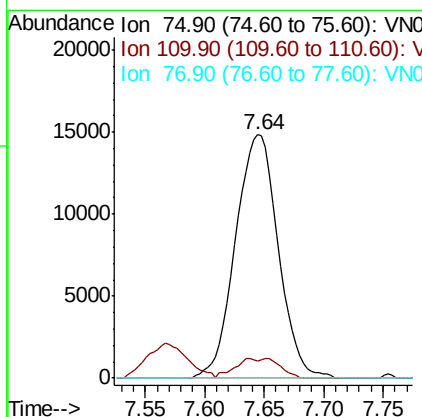
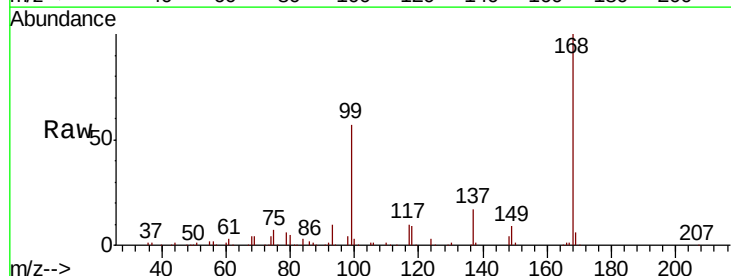
Instrument :
 MSVOA_N
 ClientSampled :

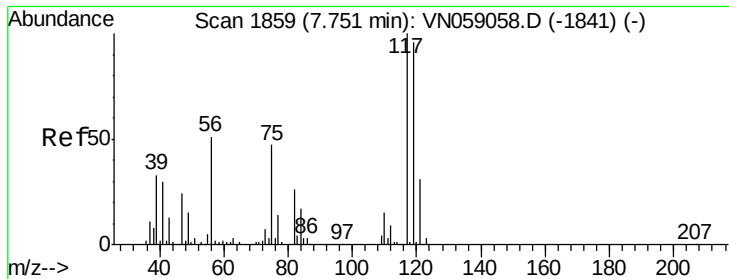
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	19.7	15.9	23.9



#36
 1,1-Dichloropropene
 Concen: 5.042 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059069.D
 Acq: 1 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	4.4	16.9	50.6#
77	0.0	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 6.324 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059069.D

Acq: 1 Nov 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

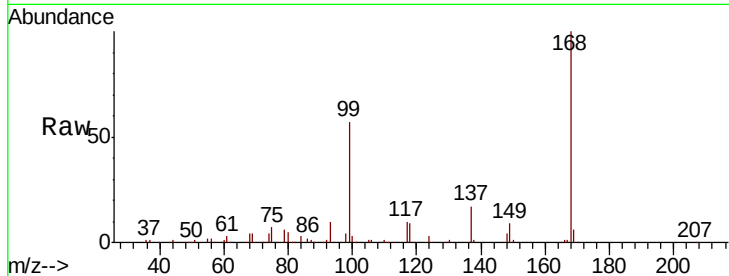
Tot Ion:117 Resp: 45128

Ion Ratio Lower Upper

117 100

119 5.0 76.6 114.8#

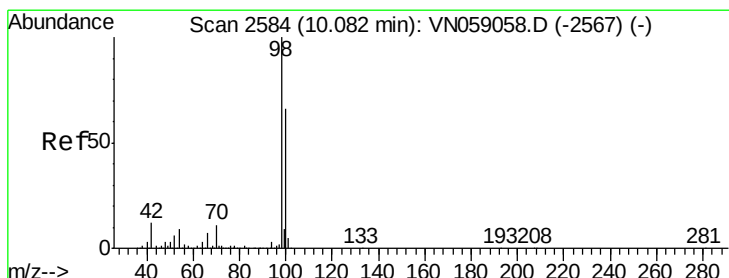
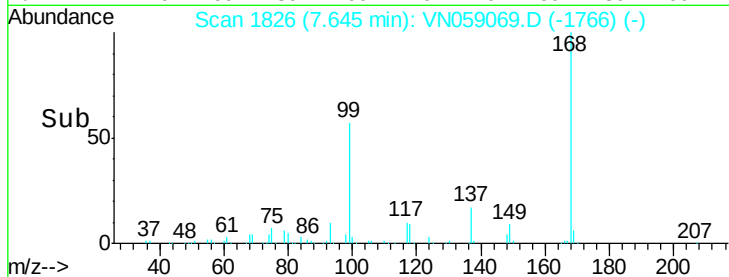
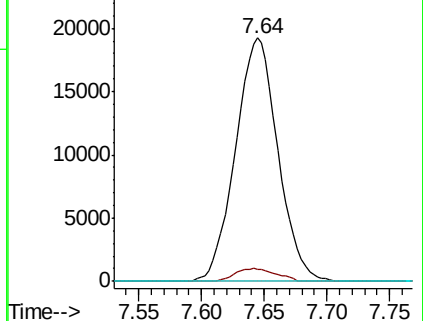
121 0.0 24.6 37.0#



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: 48.760 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059069.D

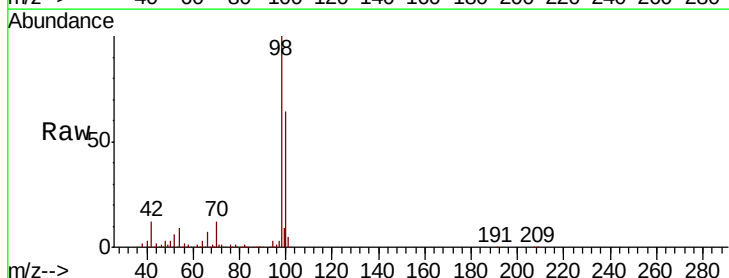
Acq: 1 Nov 2019 17:48

Tgt Ion: 98 Resp: 902200

Ion Ratio Lower Upper

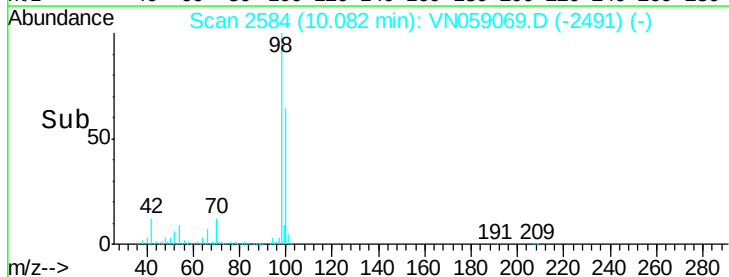
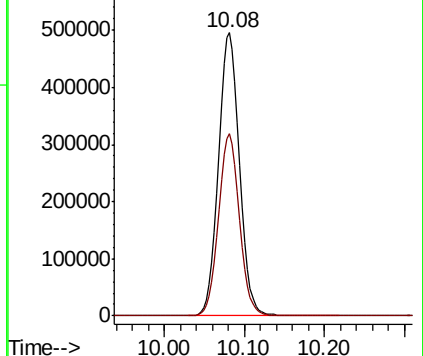
98 100

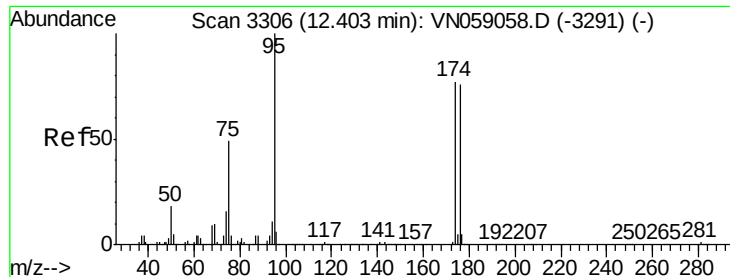
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

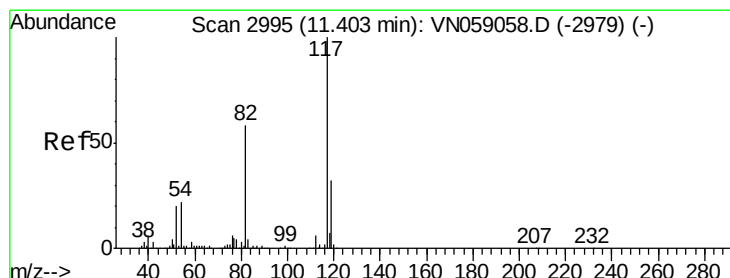
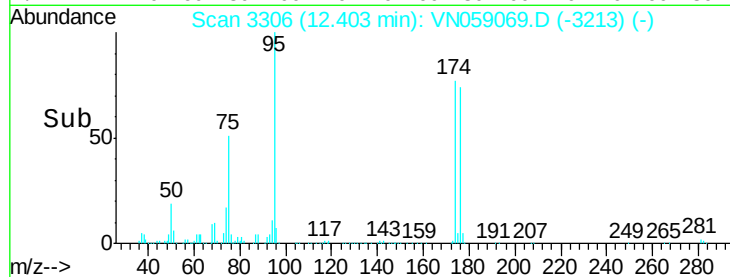
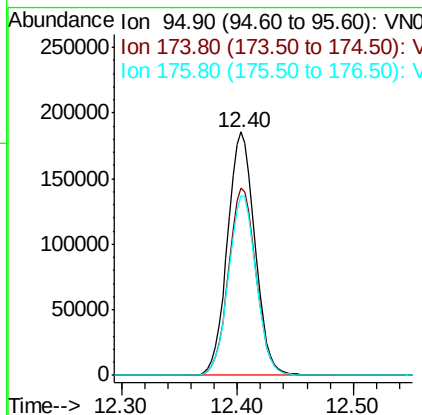
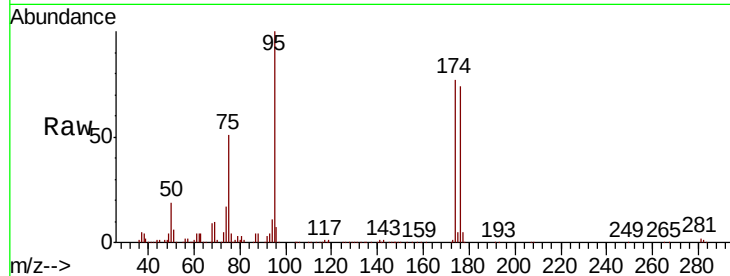




#62
4-Bromofluorobenzene
Concen: 45.600 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059069.D
Acq: 1 Nov 2019 17:48

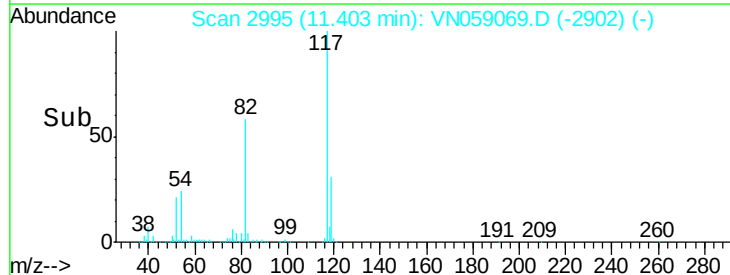
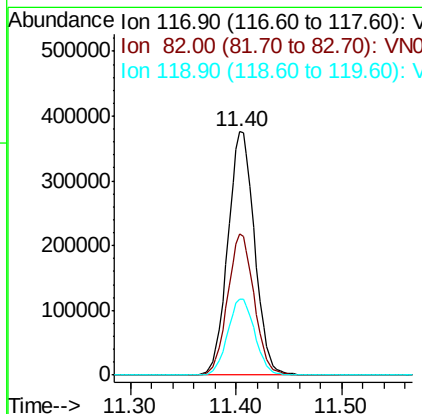
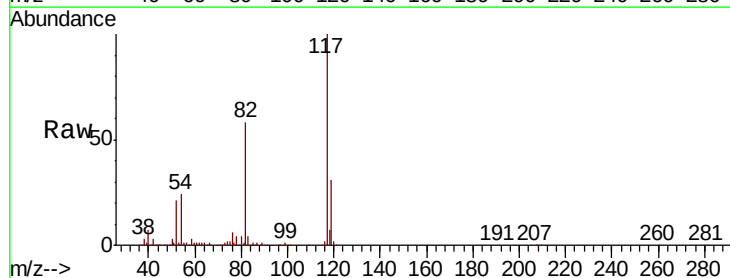
Instrument :
MSVOA_N
ClientSampled :

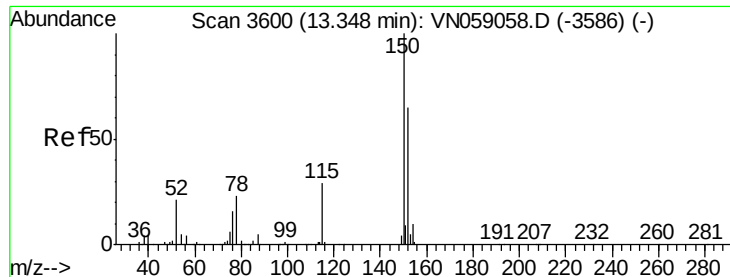
Tot Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	155.8
176	74.6	0.0	151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059069.D
Acq: 1 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.0	69.0
119	31.4	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059069.D

Acq: 1 Nov 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

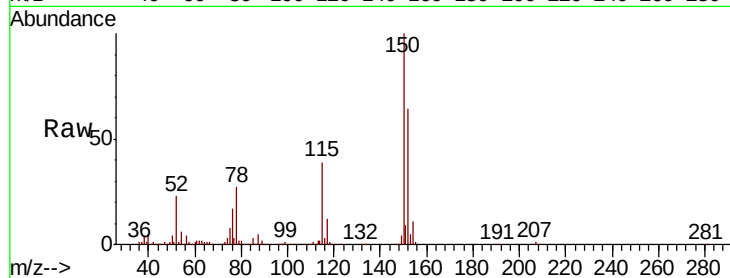
Tot Ion:152 Resp: 256550

Ion Ratio Lower Upper

152 100

115 61.0 29.6 88.9

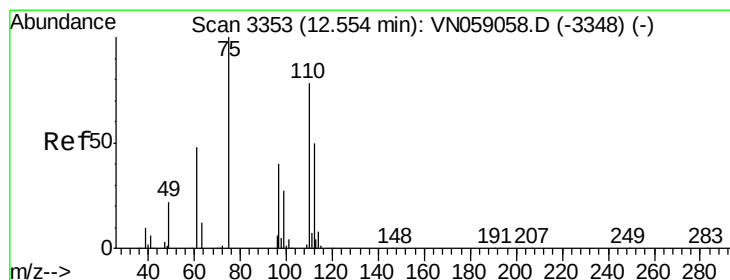
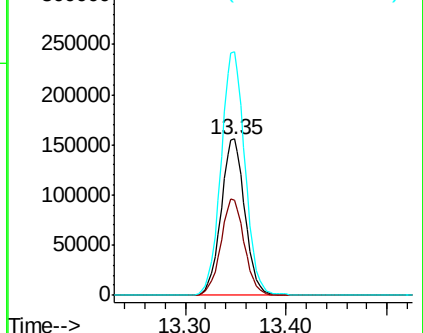
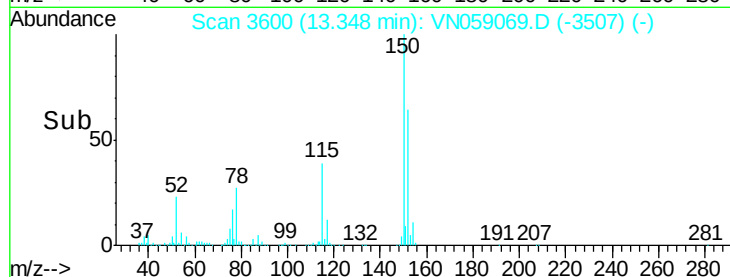
150 157.0 0.0 345.8



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: 25.333 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059069.D

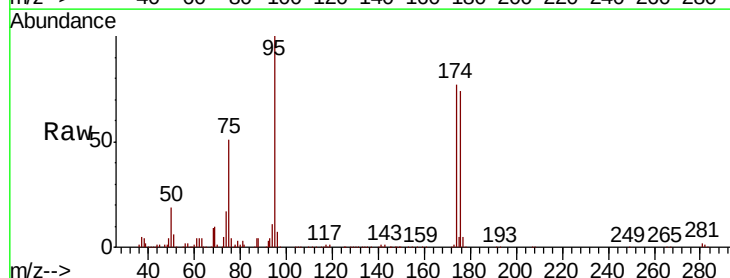
Acq: 1 Nov 2019 17:48

Tgt Ion: 75 Resp: 153799

Ion Ratio Lower Upper

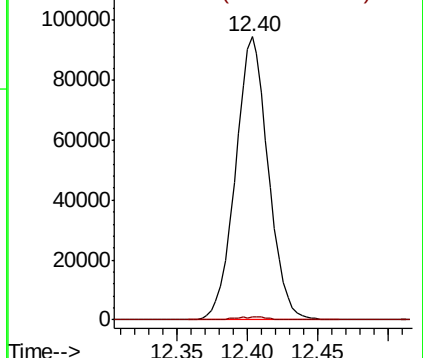
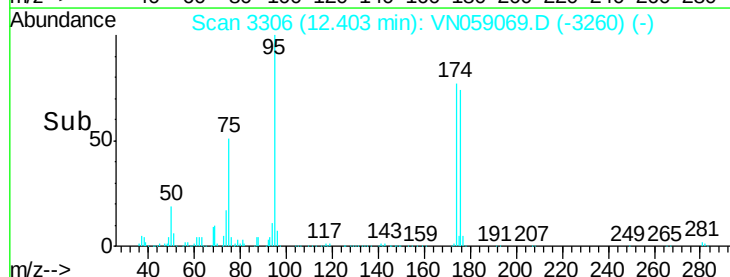
75 100

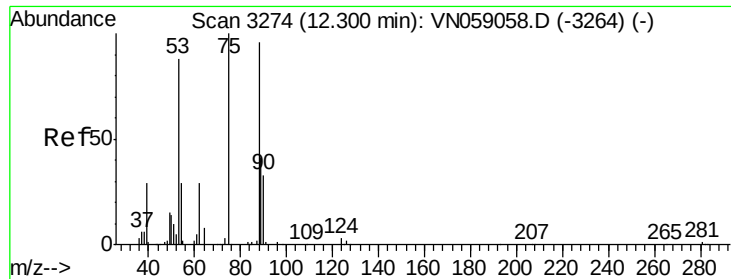
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 64.942 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059069.D

Acq: 1 Nov 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

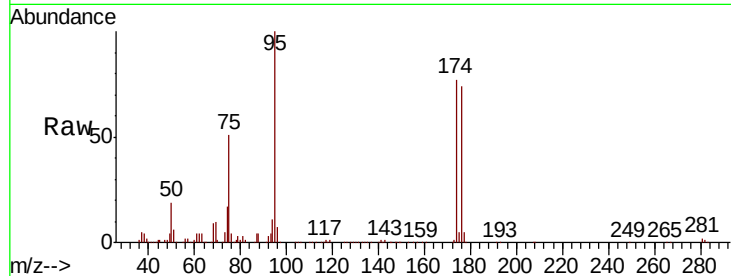
Tot Ion: 75 Resp: 153799

Ion Ratio Lower Upper

75 100

53 0.1 70.4 105.6#

89 0.0 34.2 51.2#



Abundance Ion 74.90 (74.60 to 75.60): VN059069.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN059069.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN059069.D (-3181) (-)

120000

100000

80000

60000

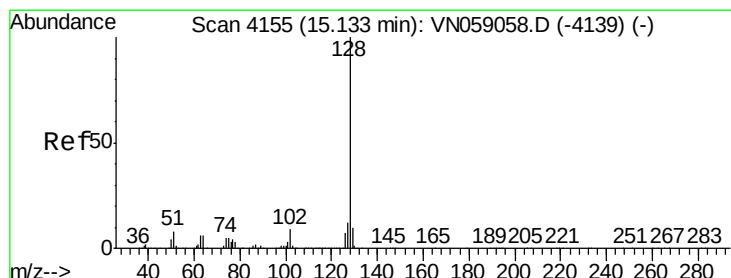
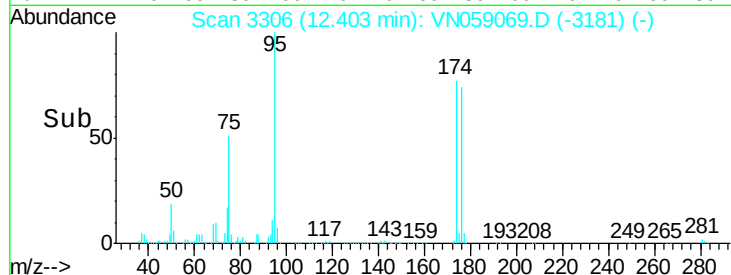
40000

20000

0

12.35 12.40 12.45

Time-->



#95

Naphthalene

Concen: 3.059 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059069.D

Acq: 1 Nov 2019 17:48

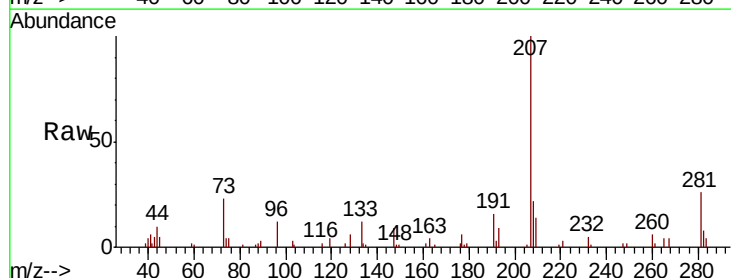
Tgt Ion:128 Resp: 1087

Ion Ratio Lower Upper

128 100

127 0.0 9.9 14.9#

129 0.0 8.4 12.6#



Abundance Ion 128.00 (127.70 to 128.70): VN059069.D (-4061) (-)

Ion 127.00 (126.70 to 127.70): VN059069.D (-4061) (-)

Ion 129.00 (128.70 to 129.70): VN059069.D (-4061) (-)

800

600

400

200

0

15.10 15.15

Time-->

