

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110119\
 Data File : VN059068.D
 Acq On : 1 Nov 2019 17:26
 Operator : JC/SP
 Sample : K5615-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 06:06:51 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	420823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	651809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	570970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	191061	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	276311	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
35) Dibromofluoromethane	7.57	113	206506	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
50) Toluene-d8	10.08	98	797401	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.40	95	250088	42.50	ug/l	0.00
Spiked Amount			Recovery	=	85.00%	

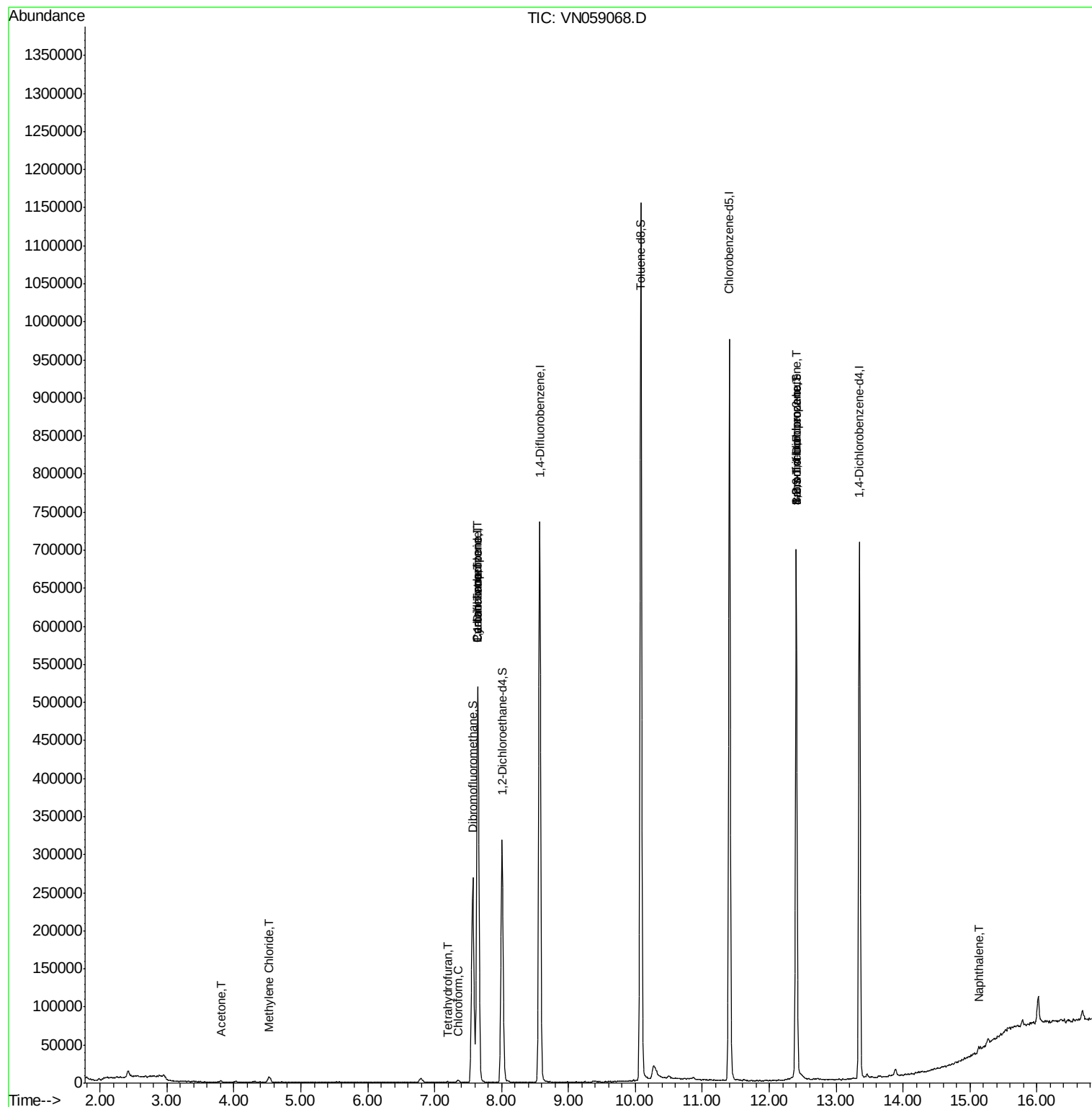
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	2470	0.875	ug/l	93
20) Methylene Chloride	4.51	84	2164	0.438	ug/l	92
29) Tetrahydrofuran	7.20	42	623	0.263	ug/l #	35
30) Chloroform	7.35	83	3267	0.380	ug/l	97
31) Cyclohexane	7.64	56	8848	1.031	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	33840	5.224	ug/l #	49
38) Carbon Tetrachloride	7.64	117	41075	6.506	ug/l #	17
71) Bromoform	12.41	173	1452	0.435	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	127067	28.104	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	127067	72.045	ug/l #	14
95) Naphthalene	15.14	128	3091	3.264	ug/l #	87

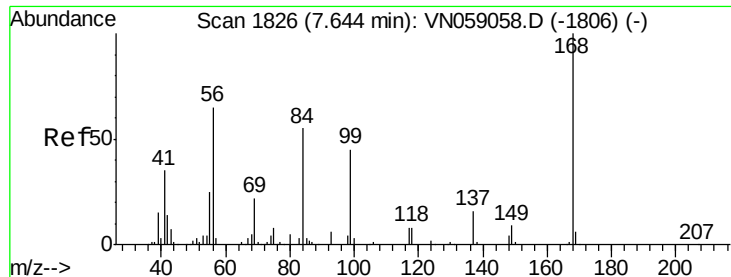
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110119\
Data File : VN059068.D
Acq On : 1 Nov 2019 17:26
Operator : JC/SP
Sample : K5615-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 02 06:06:51 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: VN059068.D

Acq: 1 Nov 2019 17:26

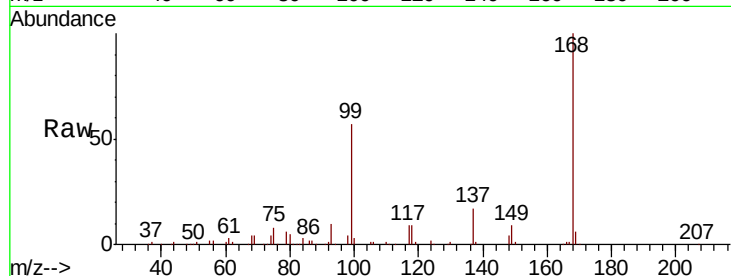
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 420823

Ion Ratio Lower Upper

168 100

99 57.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

150000

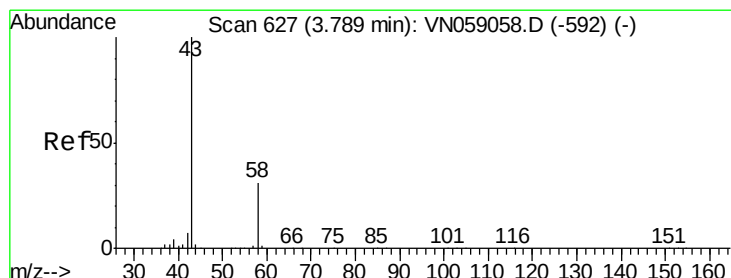
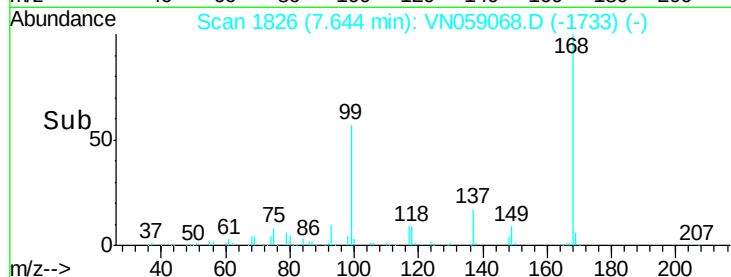
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 0.875 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059068.D

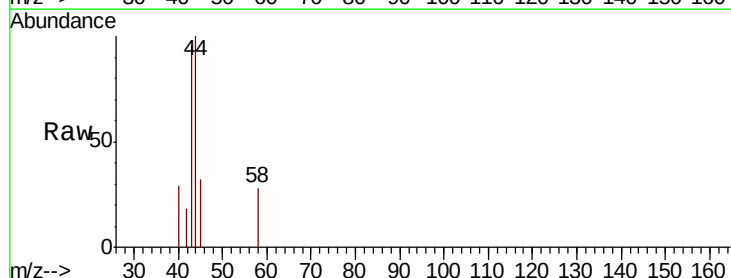
Acq: 1 Nov 2019 17:26

Tgt Ion: 43 Resp: 2470

Ion Ratio Lower Upper

43 100

58 35.3 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

1000

800

600

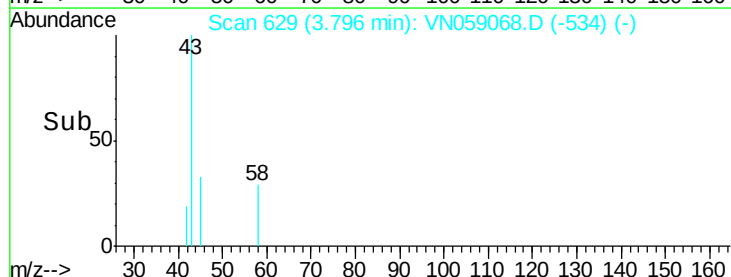
400

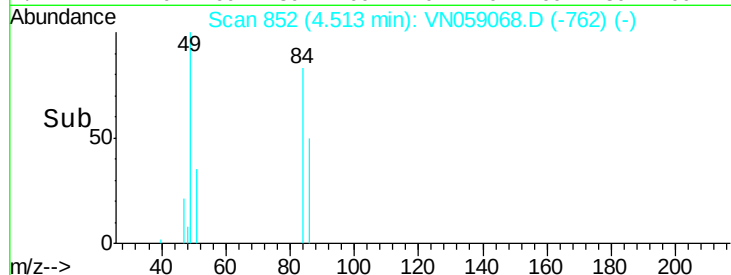
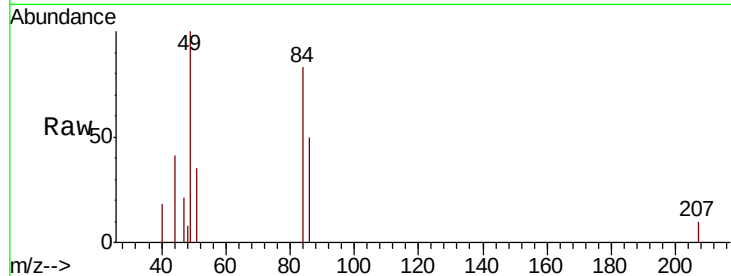
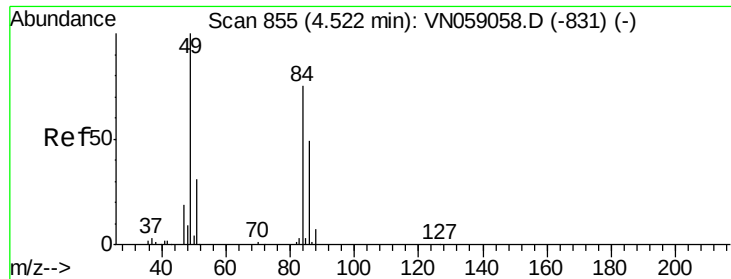
200

0

3.75 3.80 3.85

Time-->

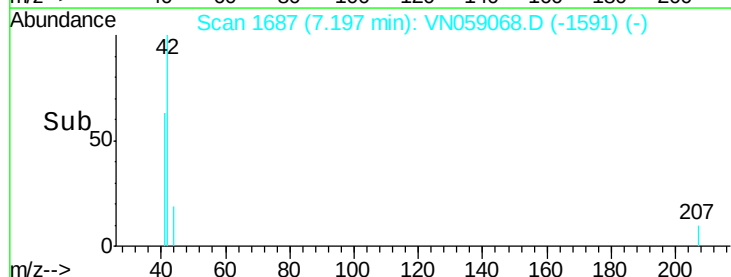
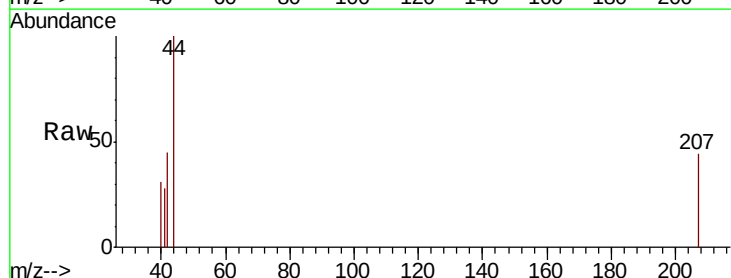
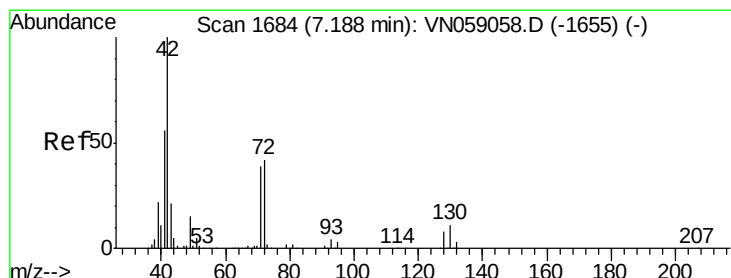
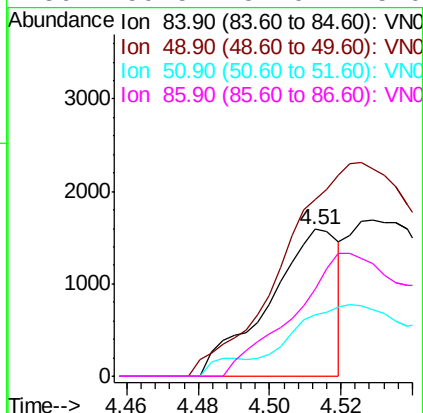




#20
Methylene Chloride
Concen: 0.438 ug/l
RT: 4.51 min Scan# 852
Delta R.T. -0.01 min
Lab File: VN059068.D
Acq: 1 Nov 2019 17:26

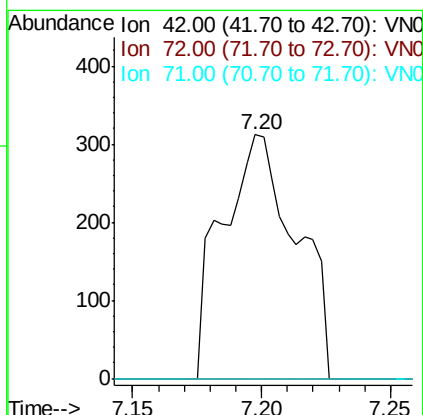
Instrument :
MSVOA_N
ClientSampleId :

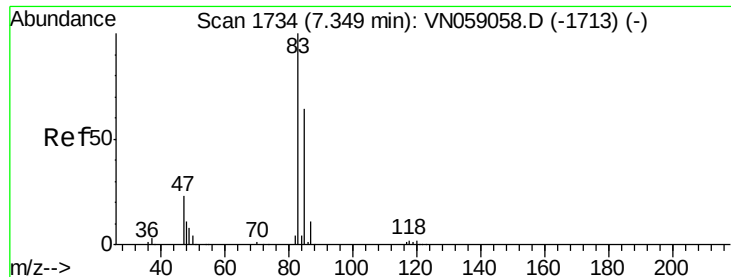
Tot Ion:	84	Resp:	2164
Ion	Ratio	Lower	Upper
84	100		
49	120.0	106.4	159.6
51	41.5	33.0	49.4
86	59.5	52.0	78.0



#29
Tetrahydrofuran
Concen: 0.263 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN059068.D
Acq: 1 Nov 2019 17:26

Tgt Ion:	42	Resp:	623
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.7	49.1#
71	0.0	31.2	46.8#

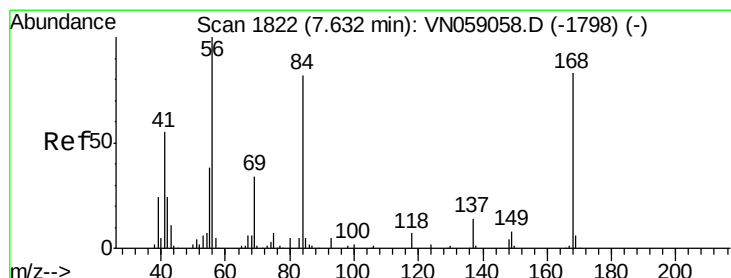
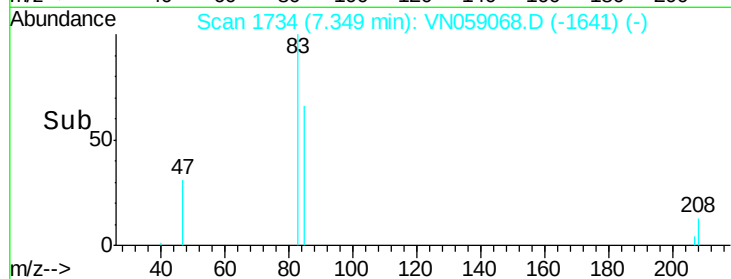
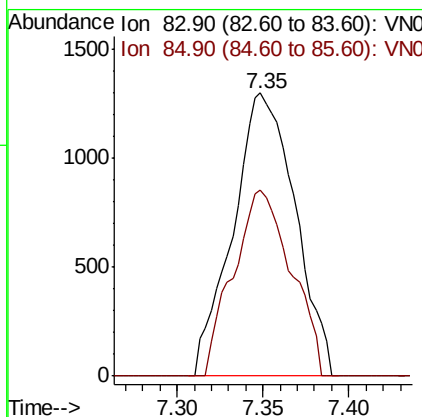
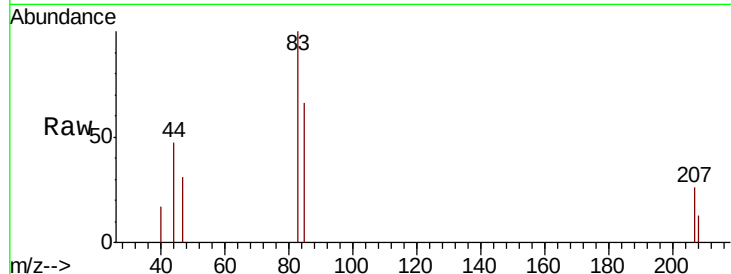




#30
Chloroform
Concen: 0.380 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059068.D
Acq: 1 Nov 2019 17:26

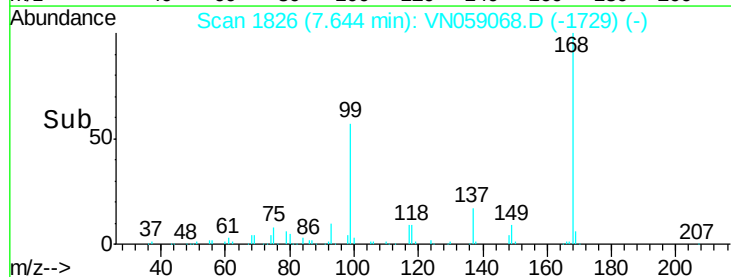
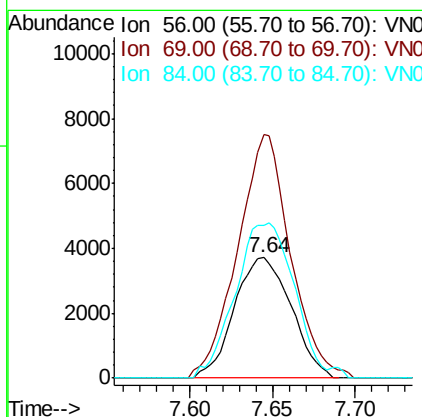
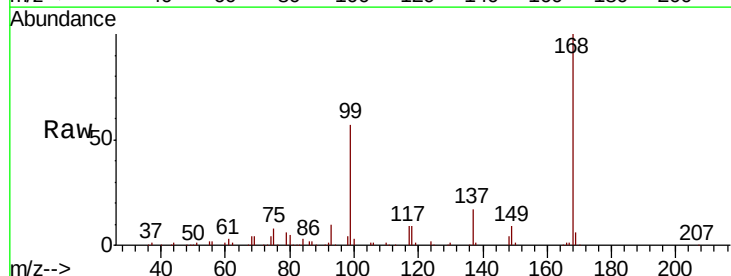
Instrument :
MSVOA_N
ClientSampled :

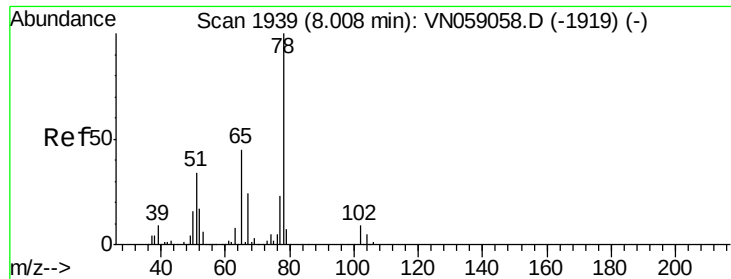
Tot Ion: 83 Resp: 3267
Ion Ratio Lower Upper
83 100
85 66.0 50.9 76.3



#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059068.D
Acq: 1 Nov 2019 17:26

Tgt Ion: 56 Resp: 8848
Ion Ratio Lower Upper
56 100
69 202.6 27.2 40.8#
84 127.5 65.2 97.8#

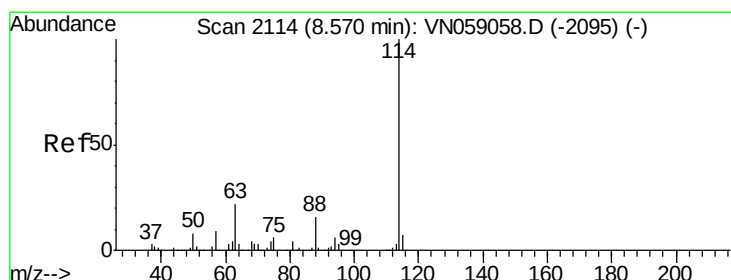
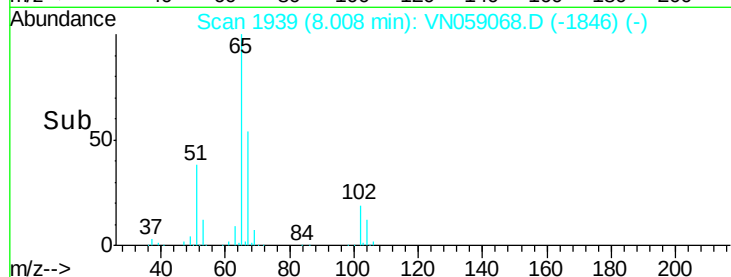
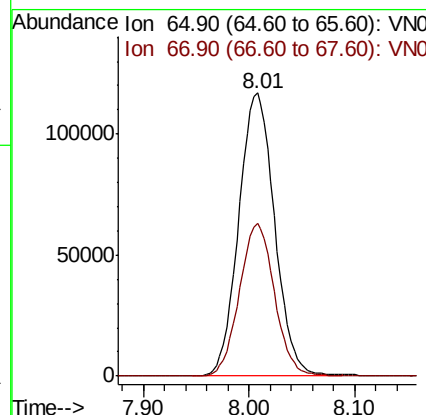
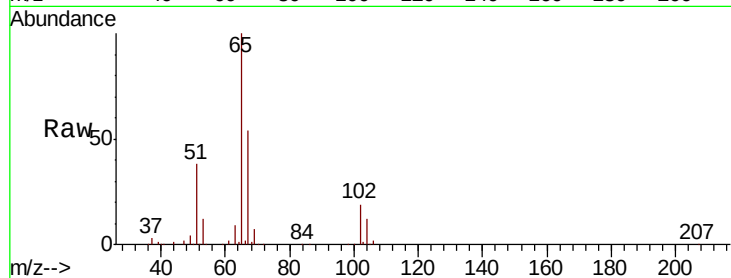




#33
 1,2-Dichloroethane-d4
 Concen: 49.578 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN059068.D
 Acq: 1 Nov 2019 17:26

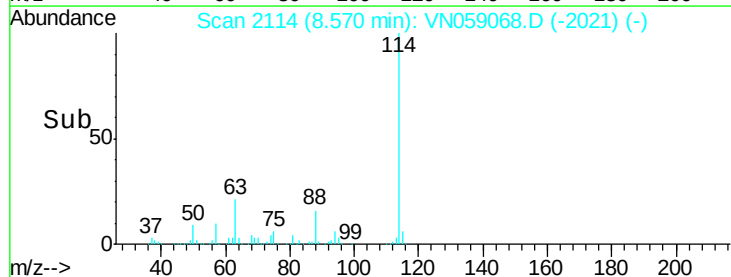
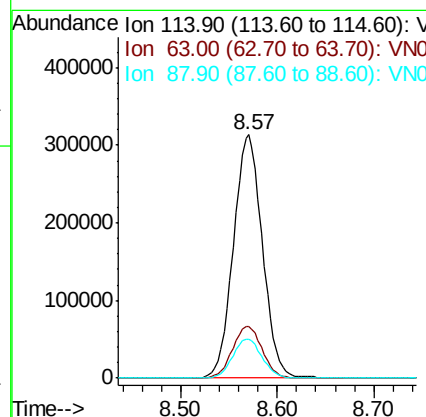
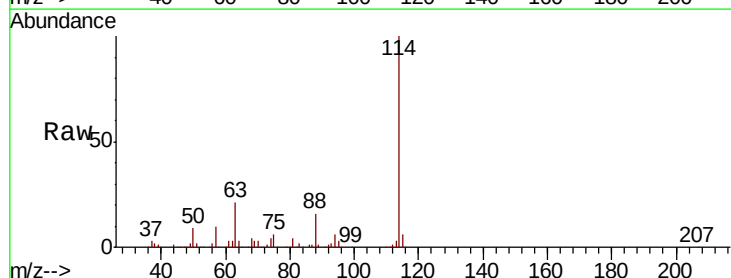
Instrument :
 MSVOA_N
 ClientSampled :

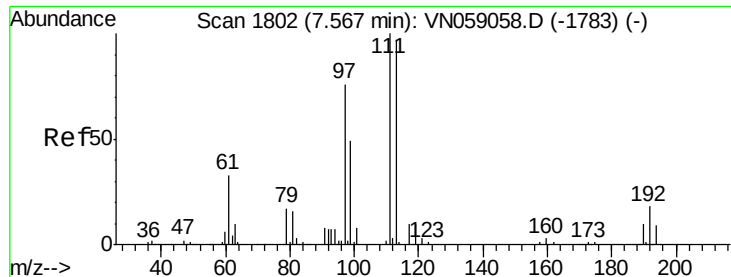
Tot Ion: 65 Resp: 276311
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059068.D
 Acq: 1 Nov 2019 17:26

Tgt Ion: 114 Resp: 651809
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 16.1 0.0 33.0

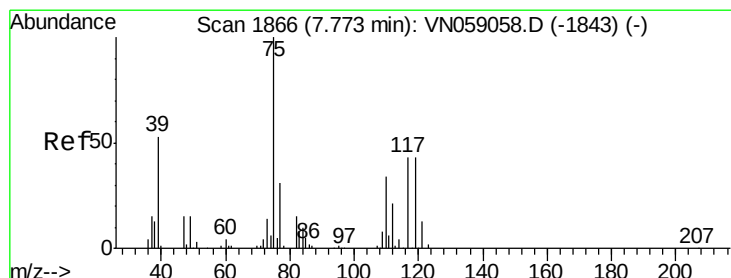
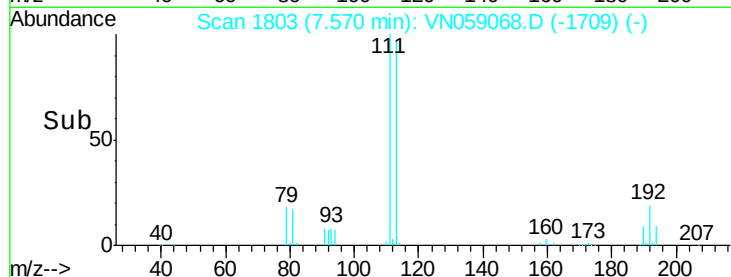
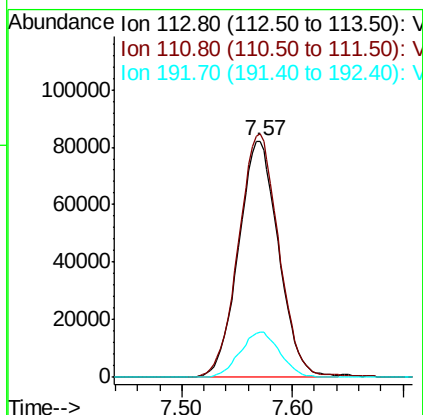
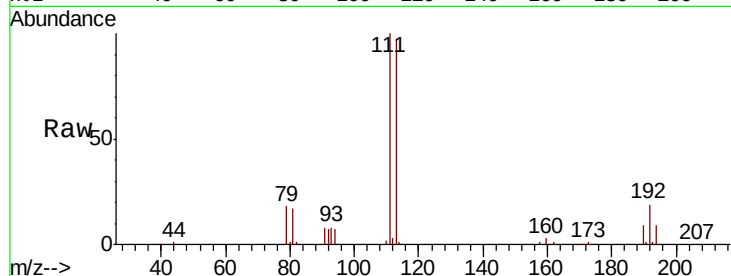




#35
 Dibromofluoromethane
 Concen: 49.110 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059068.D
 Acq: 1 Nov 2019 17:26

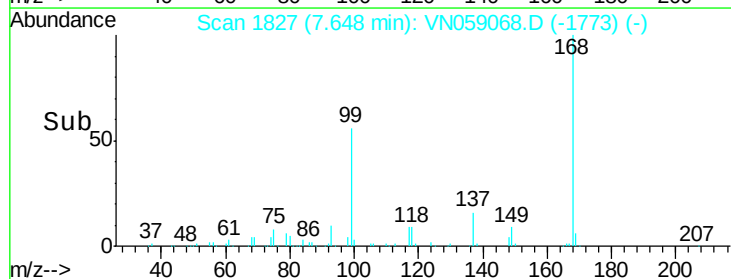
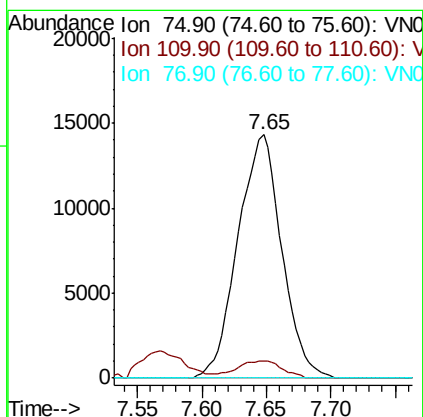
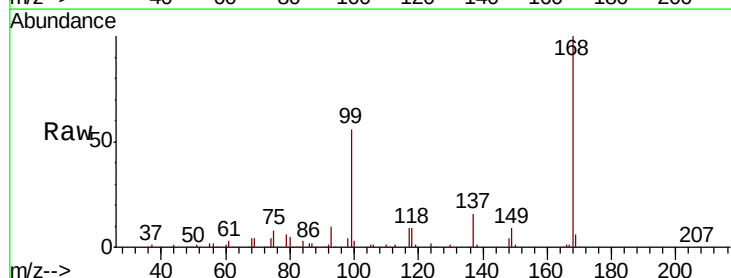
Instrument :
 MSVOA_N
 ClientSampleId :

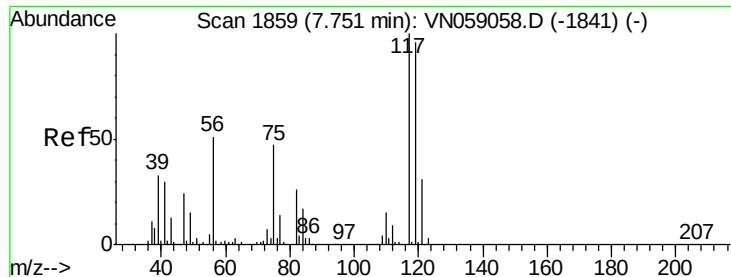
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	19.2	15.9	23.9



#36
 1,1-Dichloropropene
 Concen: 5.224 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN059068.D
 Acq: 1 Nov 2019 17:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.4	16.9	50.6#
77	0.0	25.0	37.4#

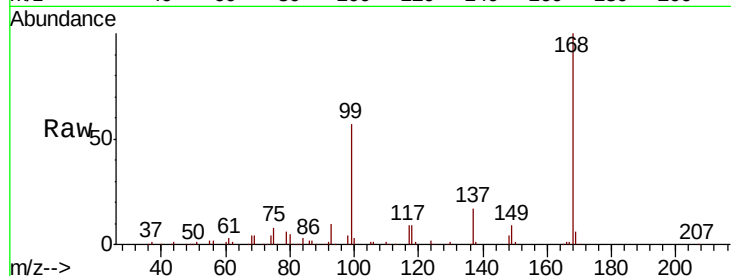




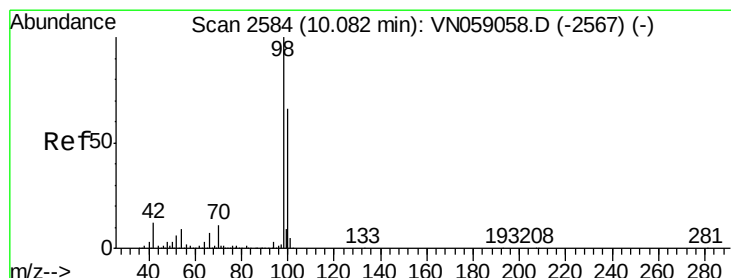
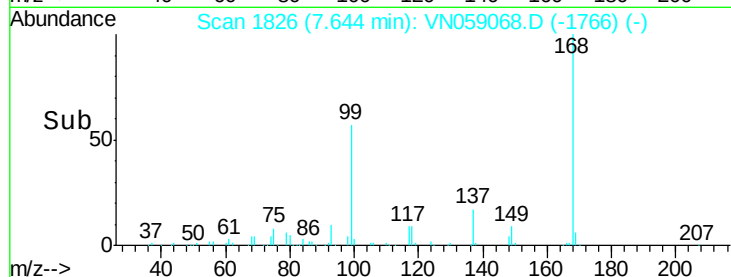
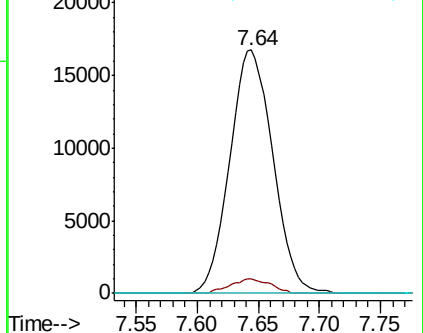
#38
Carbon Tetrachloride
Concen: 6.506 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059068.D
Acq: 1 Nov 2019 17:26

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 41075
Ion Ratio Lower Upper
117 100
119 5.9 76.6 114.8#
121 0.0 24.6 37.0#

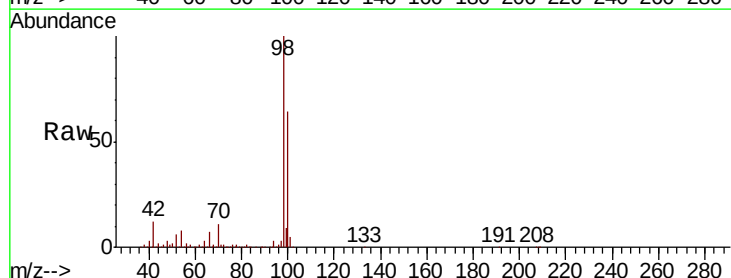


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

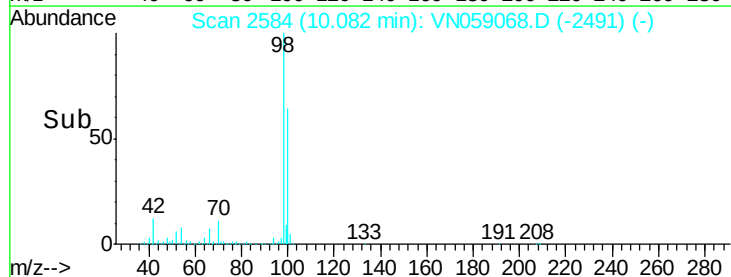
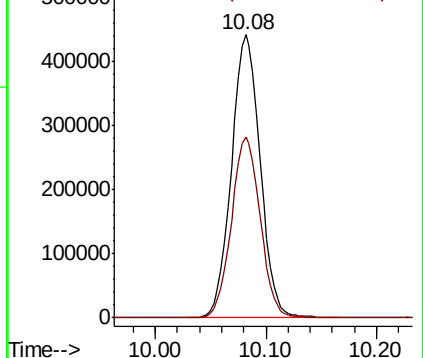


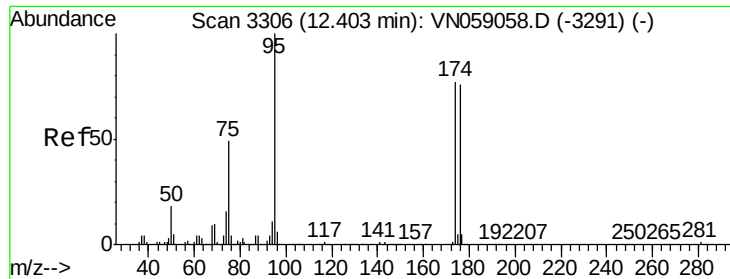
#50
Toluene-d8
Concen: 48.708 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN059068.D
Acq: 1 Nov 2019 17:26

Tgt Ion: 98 Resp: 797401
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



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

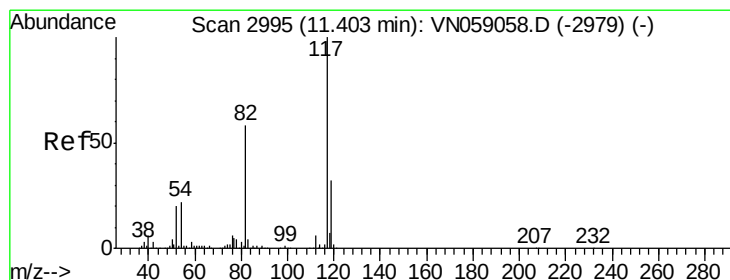
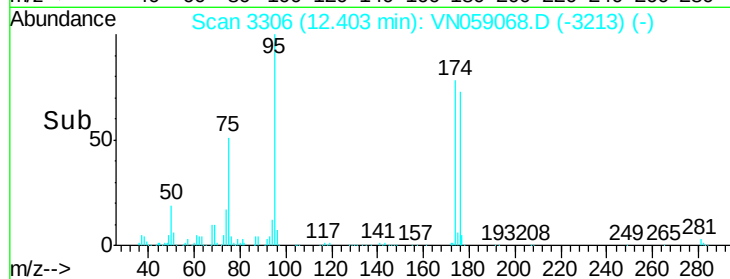
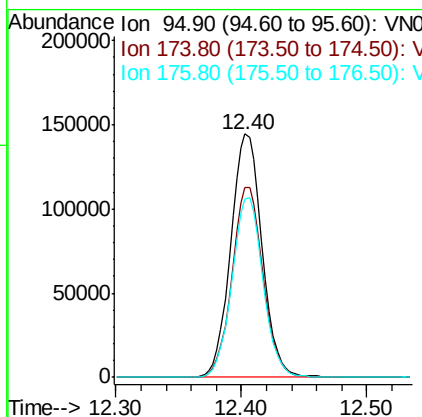
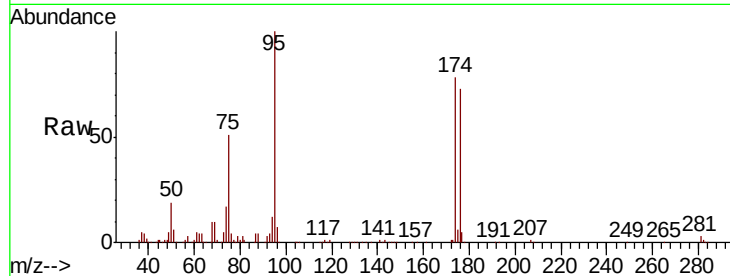




#62
4-Bromofluorobenzene
Concen: 42.496 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN059068.D
Acq: 1 Nov 2019 17:26

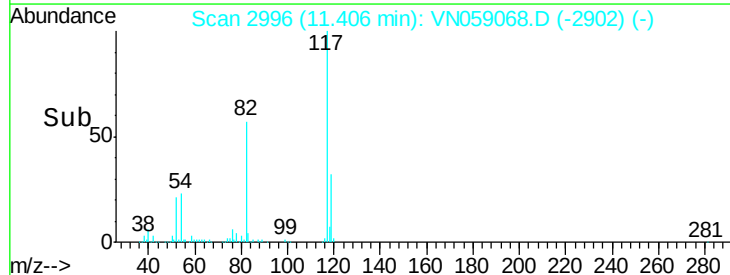
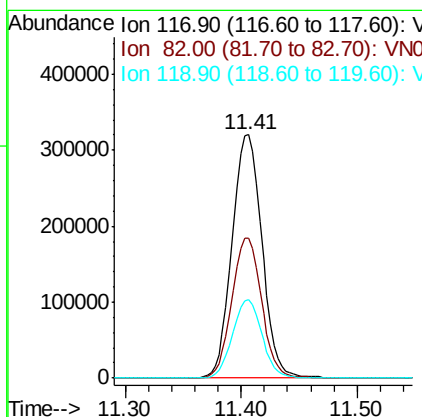
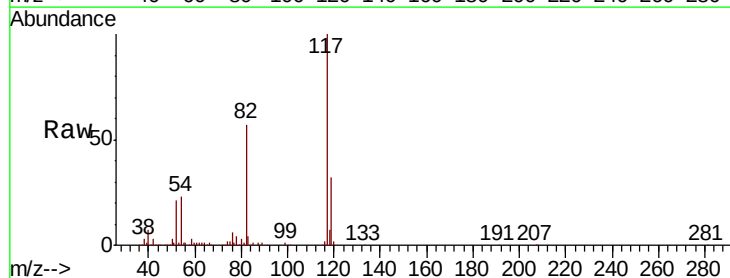
Instrument :
MSVOA_N
ClientSampleId :

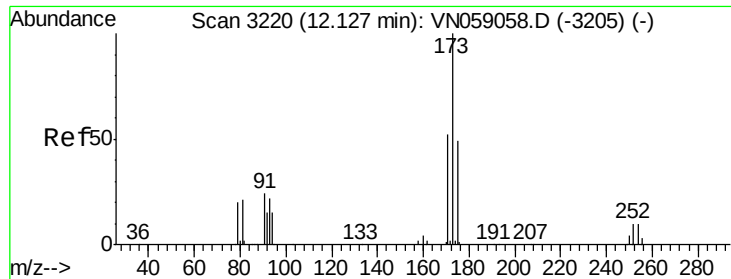
Tot Ion	95	Resp	250088
Ion Ratio	Lower	Upper	
95	100		
174	77.5	0.0	155.8
176	73.4	0.0	151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059068.D
Acq: 1 Nov 2019 17:26

Tgt Ion	117	Resp	570970
Ion Ratio	Lower	Upper	
117	100		
82	57.3	46.0	69.0
119	32.0	25.6	38.4





#71

Bromoform

Concen: 0.435 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN059068.D

Acq: 1 Nov 2019 17:26

Instrument :

MSVOA_N

ClientSampled :

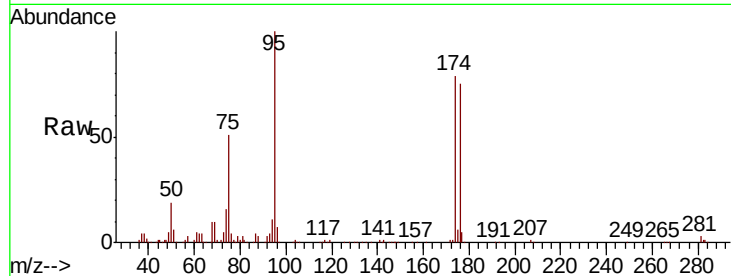
Tot Ion:173 Resp: 1452

Ion Ratio Lower Upper

173 100

175 801.7 24.4 73.2#

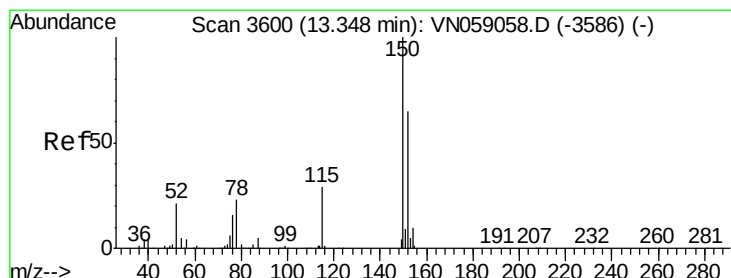
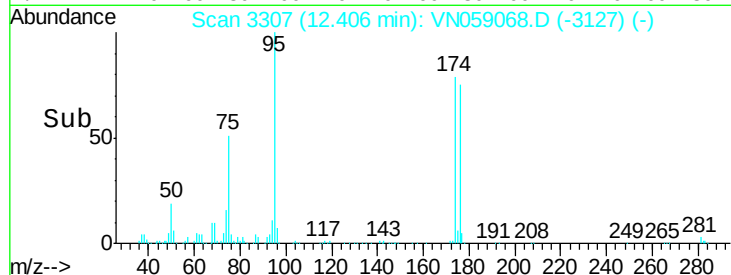
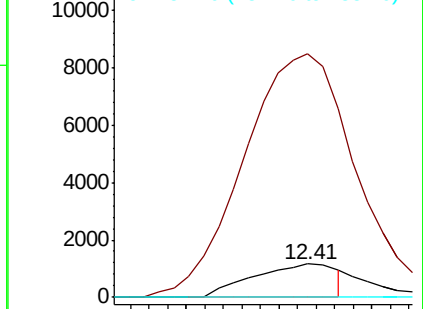
254 0.0 0.1 0.1#



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: VN059068.D

Acq: 1 Nov 2019 17:26

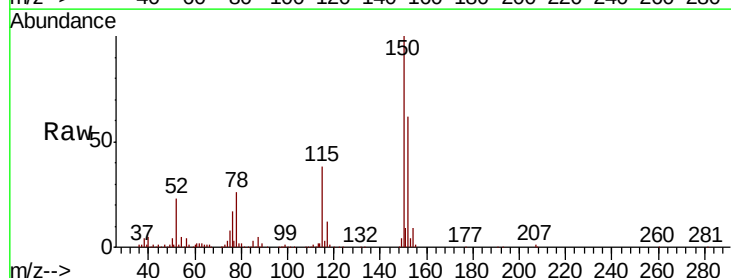
Tgt Ion:152 Resp: 191061

Ion Ratio Lower Upper

152 100

115 60.6 29.6 88.9

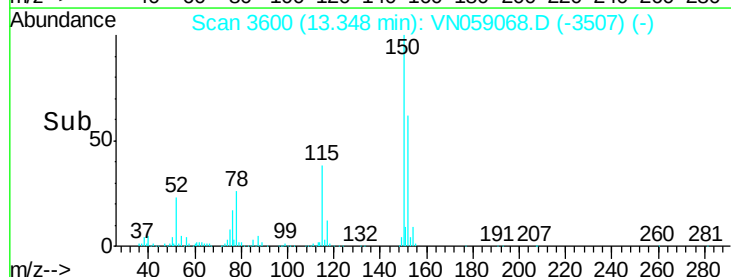
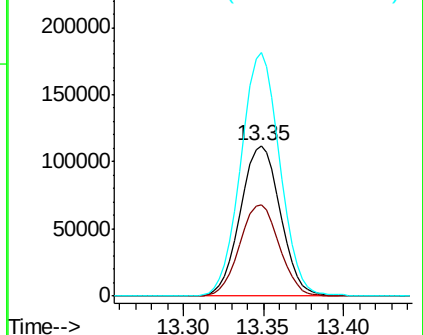
150 158.0 0.0 345.8

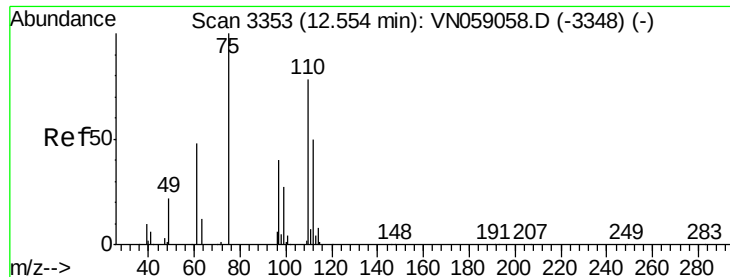


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.104 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059068.D

Acq: 1 Nov 2019 17:26

Instrument :

MSVOA_N

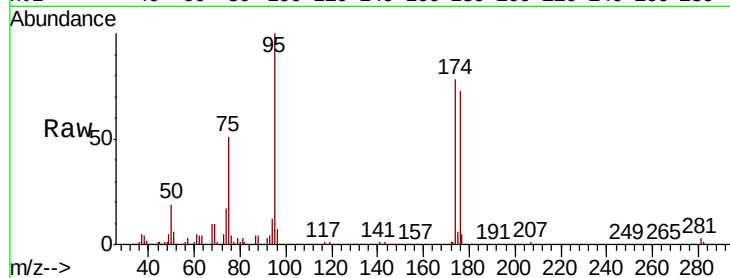
ClientSampled :

Tot Ion: 75 Resp: 127067

Ion Ratio Lower Upper

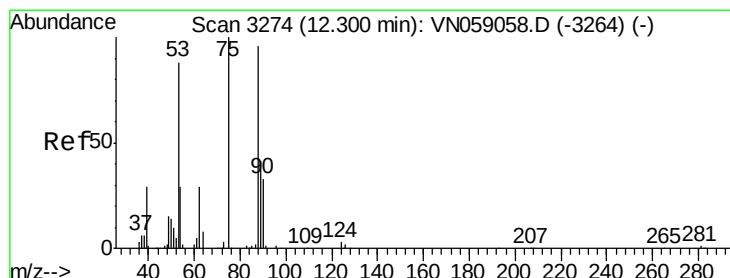
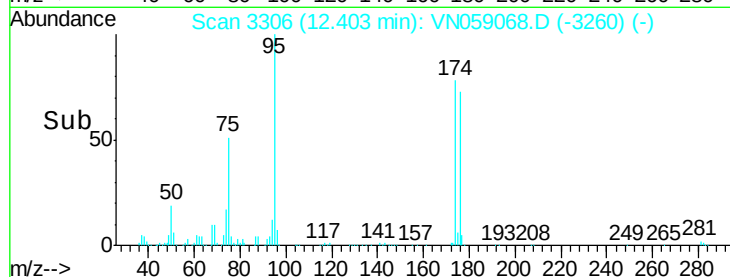
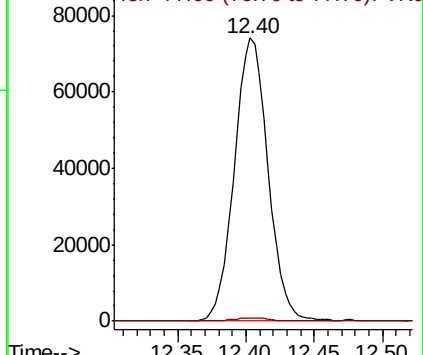
75 100

77 1.3 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: 72.045 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059068.D

Acq: 1 Nov 2019 17:26

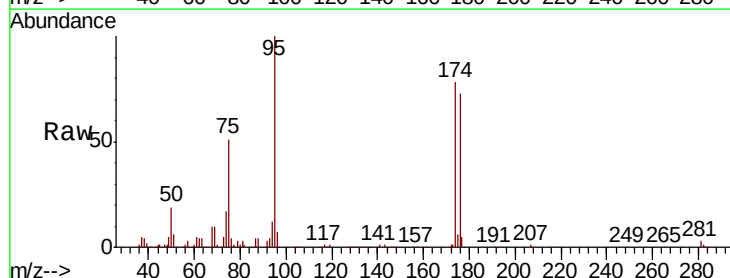
Tgt Ion: 75 Resp: 127067

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

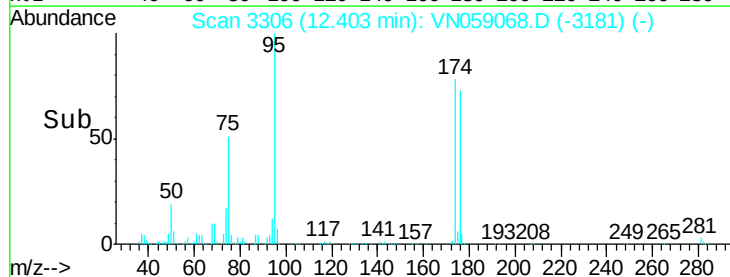
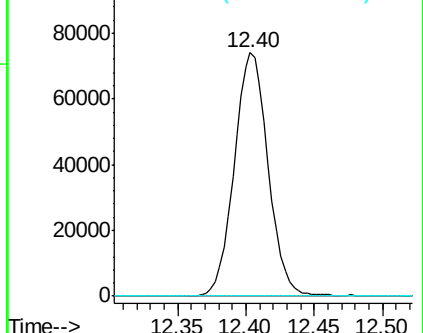
89 0.0 34.2 51.2#

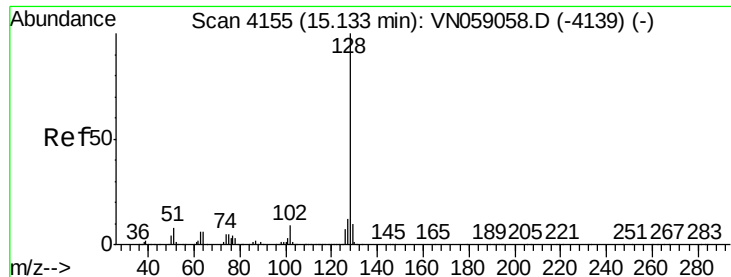


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95

Naphthalene

Concen: 3.264 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

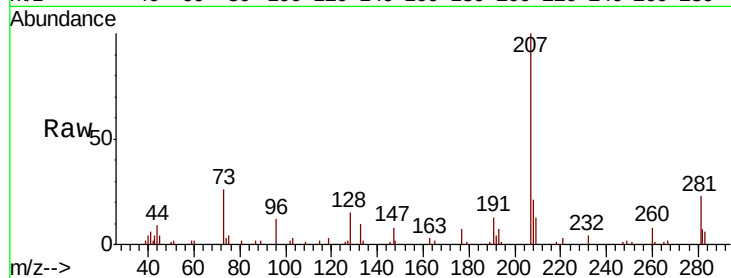
Lab File: VN059068.D

Acq: 1 Nov 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :



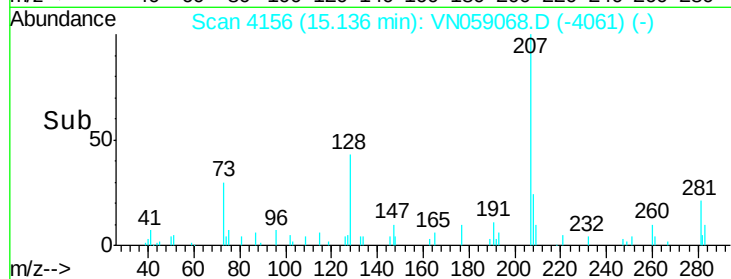
Tot Ion:128 Resp: 3091

Ion Ratio Lower Upper

128 100

127 7.5 9.9 14.9#

129 5.7 8.4 12.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

