

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055115.D
 Acq On : 18 Apr 2019 10:20
 Operator : JC/SP
 Sample : VN0418WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 01:27:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	465715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	755540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	617437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193890	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	298392	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
35) Dibromofluoromethane	7.59	113	241438	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
50) Toluene-d8	10.09	98	894844	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.40	95	253330	43.12	ug/l	0.00
Spiked Amount			Recovery	=	86.24%	

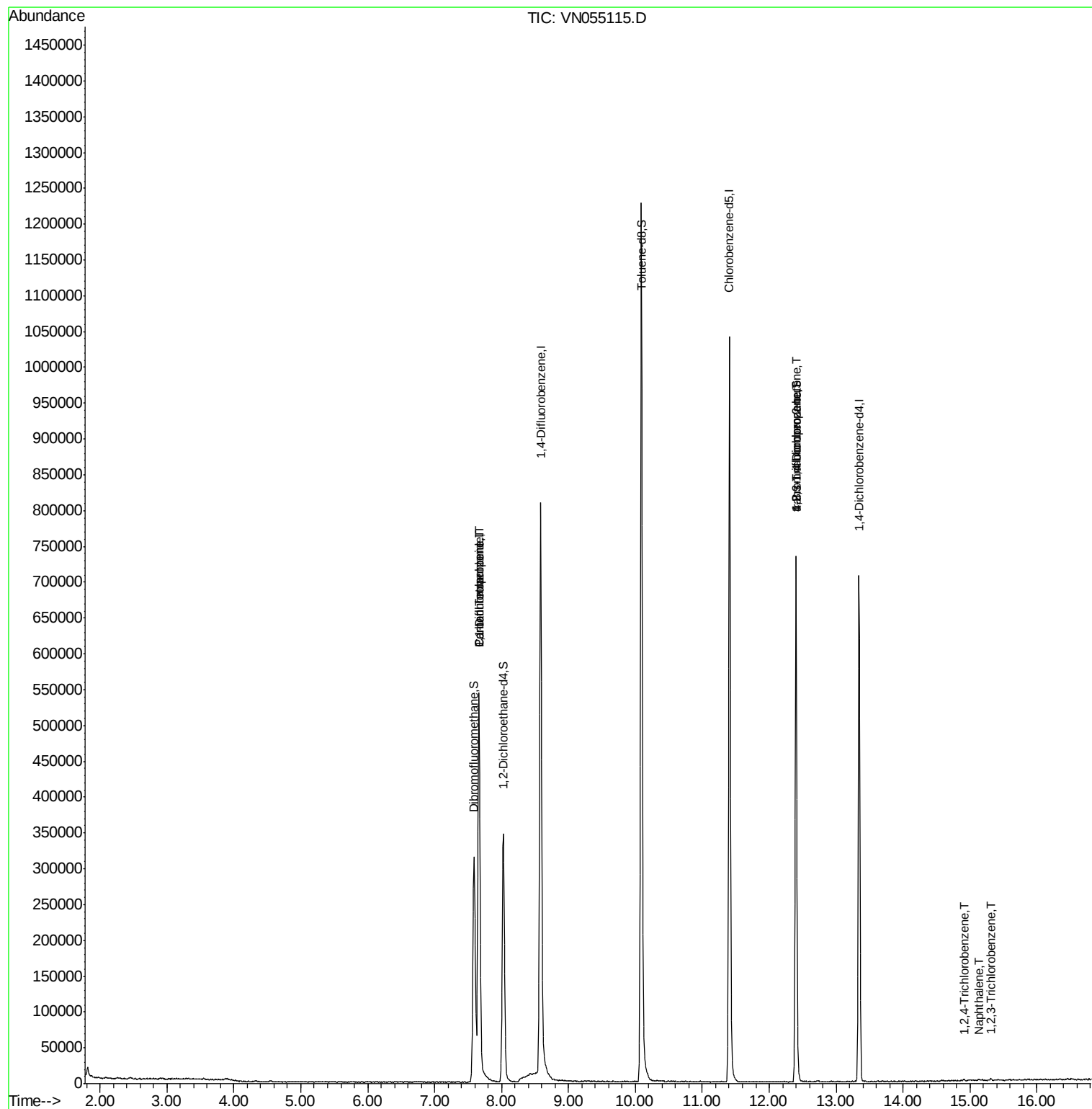
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.66	56	10127	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	33400	4.689	ug/l #	49
38) Carbon Tetrachloride	7.66	117	43070	6.356	ug/l #	17
76) 1,2,3-Trichloropropane	12.40	75	126840	36.379	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	126840	145.475	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.92	180	615	2.873	ug/l #	75
95) Naphthalene	15.14	128	1678	3.306	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	745	0.294	ug/l #	88

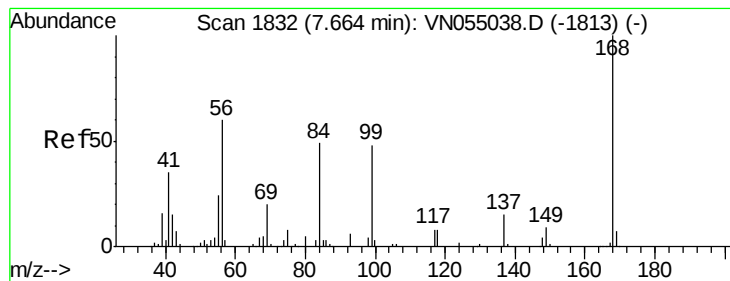
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041819\
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Misc : 5.00mL/MSVOA N/WATER
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MSVOA_N
ClientSampleId :

Quant Time: Apr 19 01:27:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055115.D

Acq: 18 Apr 2019 10:20

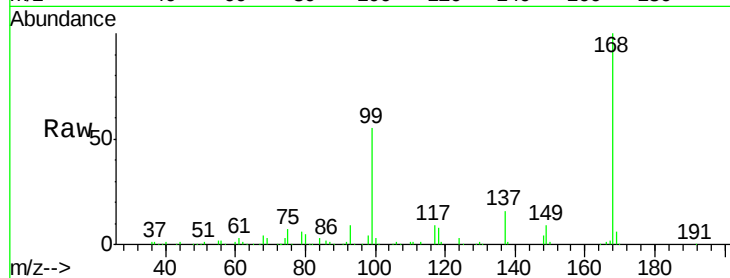
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 465715

Ion Ratio Lower Upper

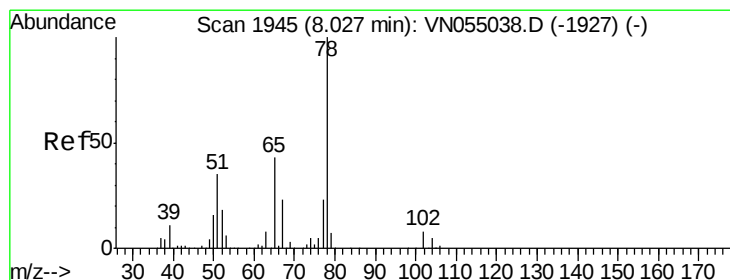
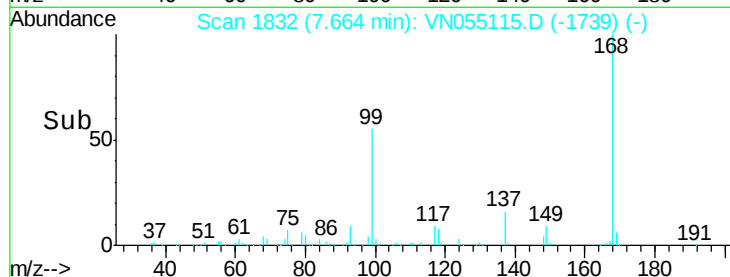
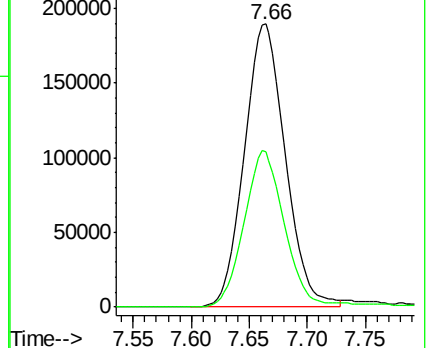
168 100

99 54.8 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 48.201 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055115.D

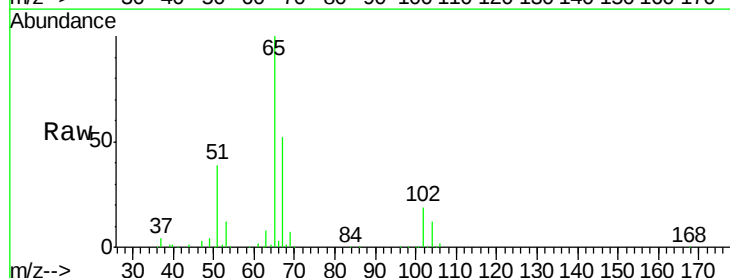
Acq: 18 Apr 2019 10:20

Tgt Ion: 65 Resp: 298392

Ion Ratio Lower Upper

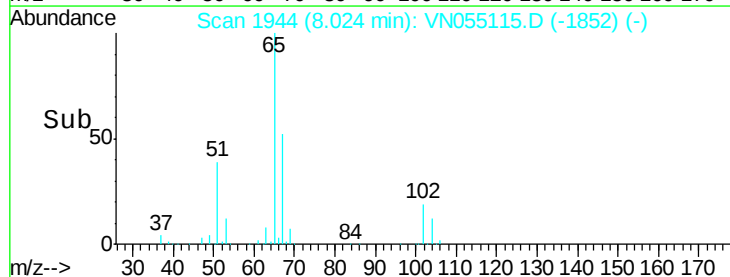
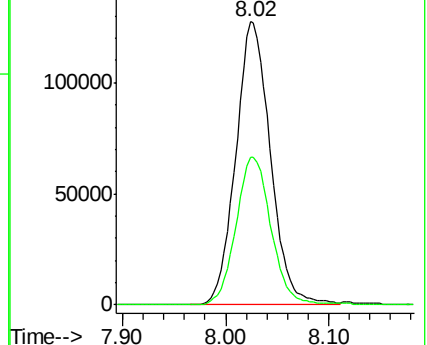
65 100

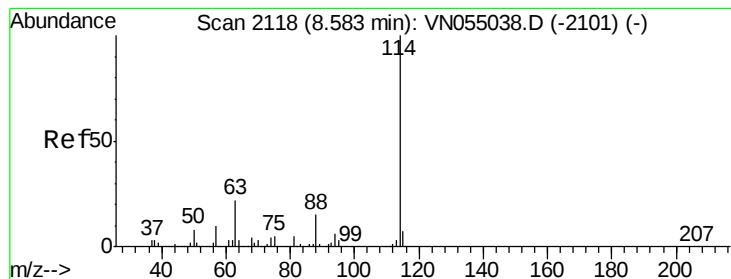
67 52.4 0.0 106.4



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: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055115.D

Acq: 18 Apr 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

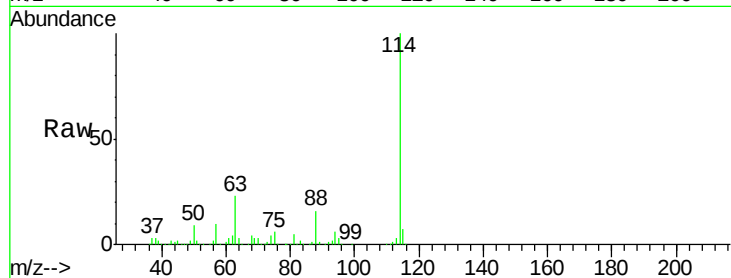
Tot Ion:114 Resp: 755540

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.2

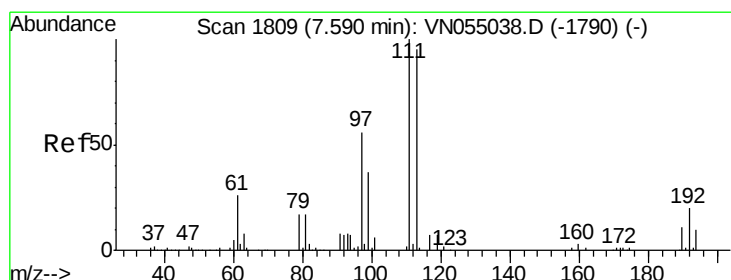
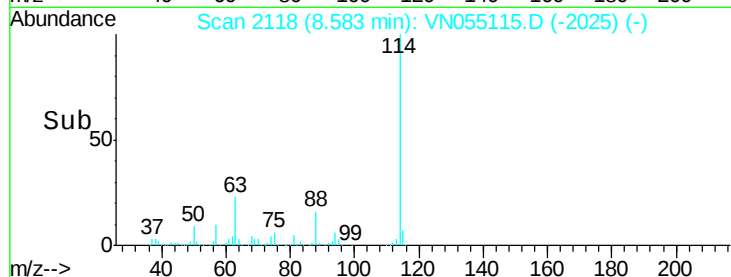
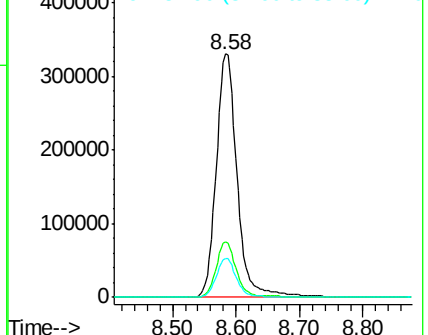
88 15.9 0.0 31.8



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: 47.816 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055115.D

Acq: 18 Apr 2019 10:20

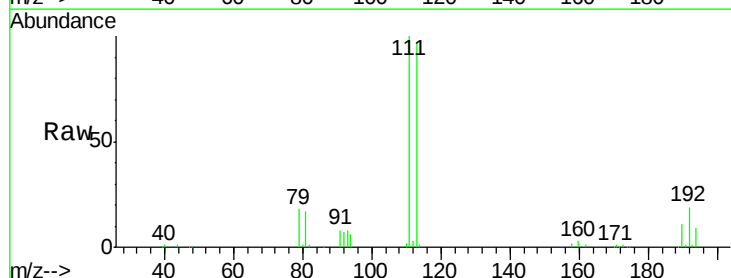
Tgt Ion:113 Resp: 241438

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

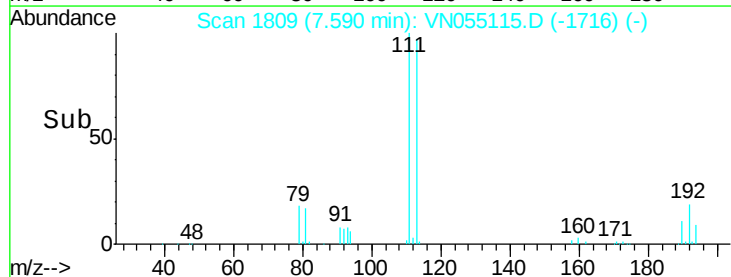
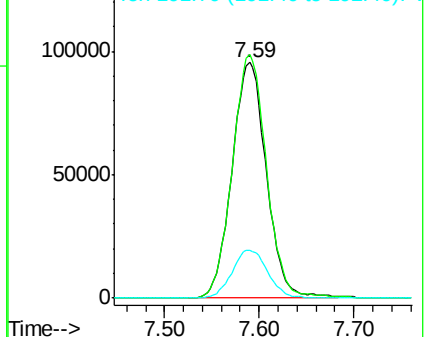
192 21.0 16.5 24.7

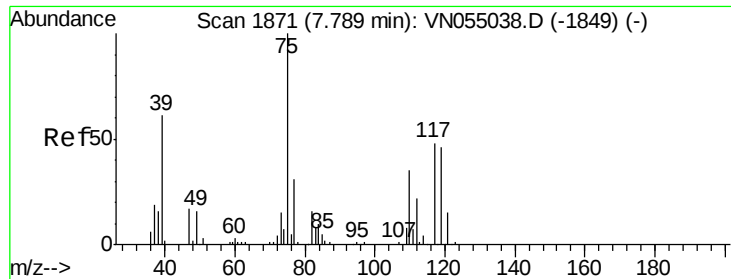


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

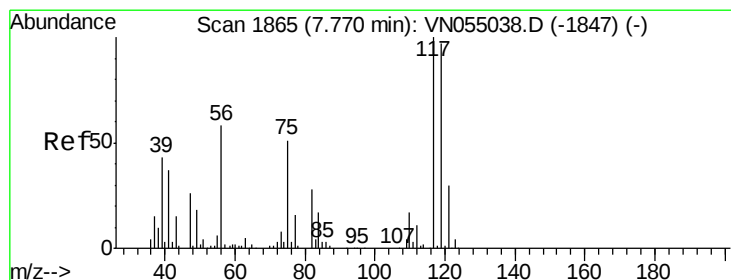
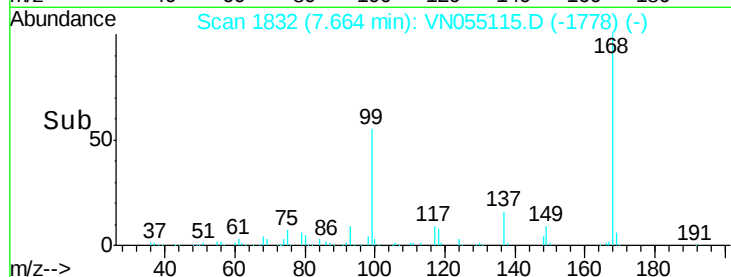
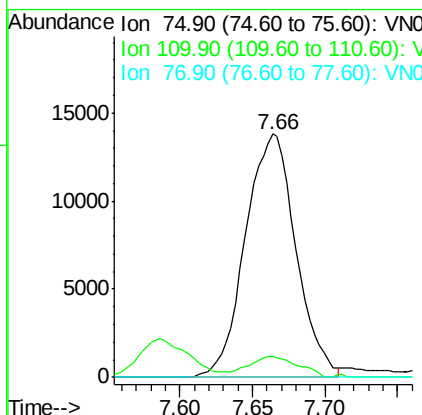
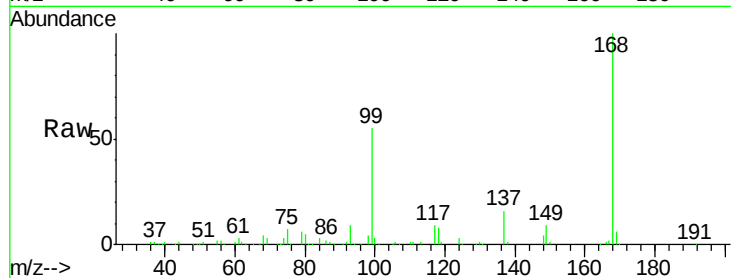




#36
 1,1-Dichloropropene
 Concen: 4.689 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055115.D
 Acq: 18 Apr 2019 10:20

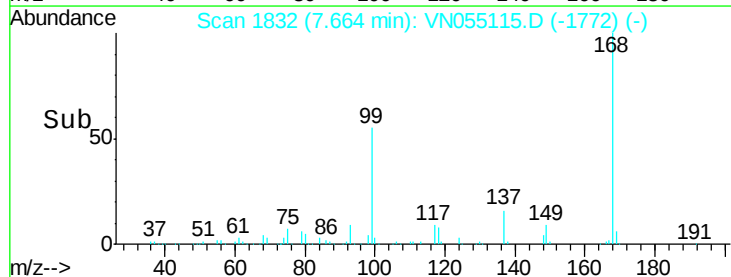
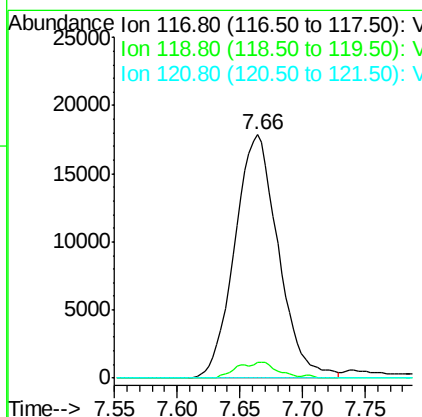
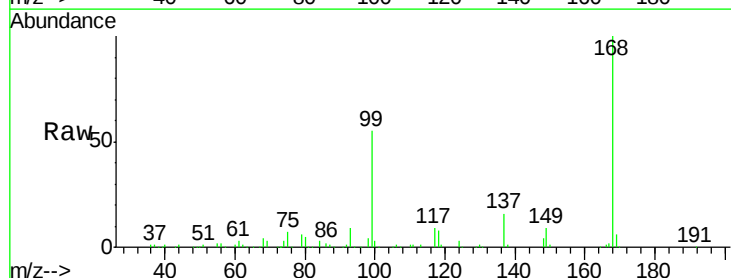
Instrument :
 MSVOA_N
 ClientSampleId :

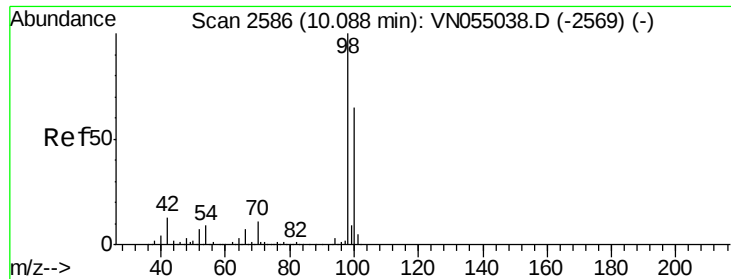
Tot Ion: 75 Resp: 33400
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.5 52.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.356 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055115.D
 Acq: 18 Apr 2019 10:20

Tgt Ion: 117 Resp: 43070
 Ion Ratio Lower Upper
 117 100
 119 6.3 76.3 114.5#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 49.516 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055115.D

Acq: 18 Apr 2019 10:20

Instrument :

MSVOA_N

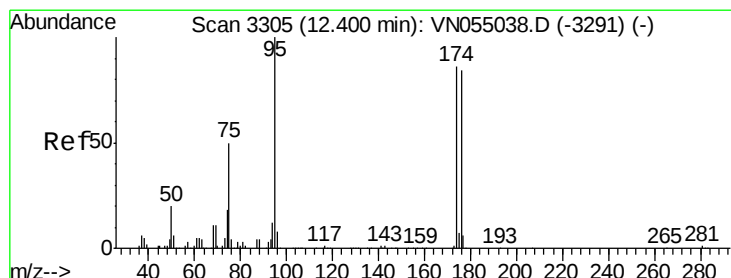
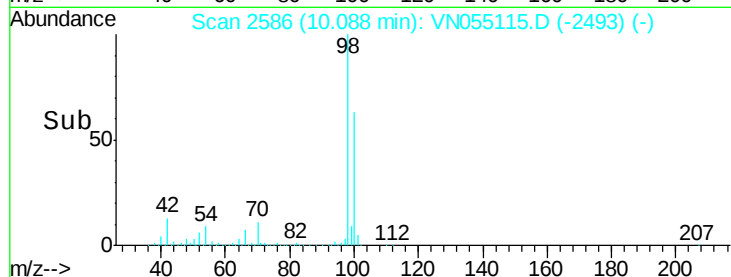
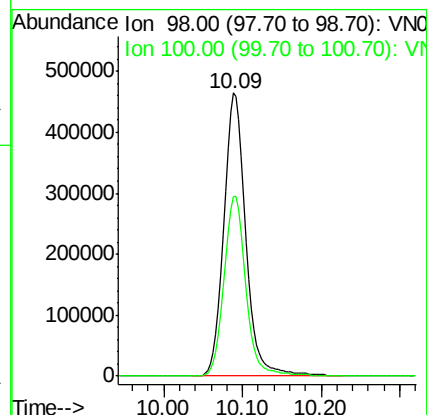
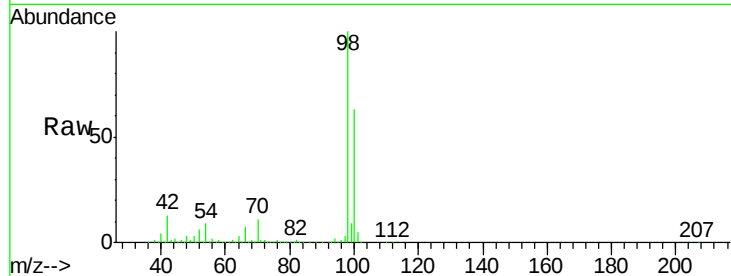
ClientSampled :

Tot Ion: 98 Resp: 894844

Ion Ratio Lower Upper

98 100

100 63.2 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.119 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055115.D

Acq: 18 Apr 2019 10:20

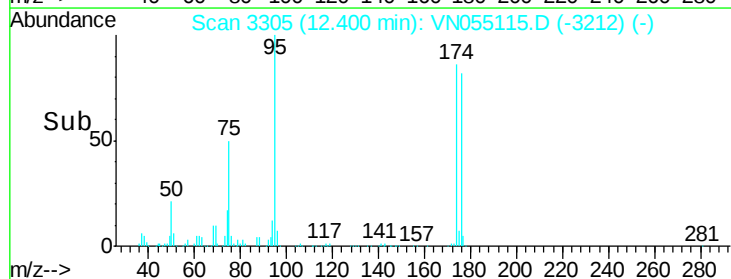
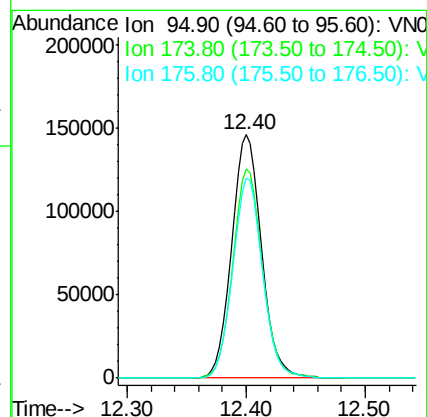
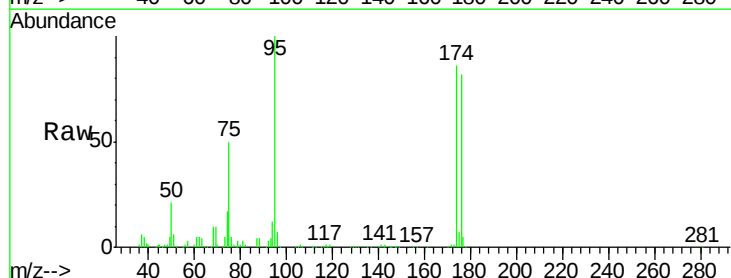
Tgt Ion: 95 Resp: 253330

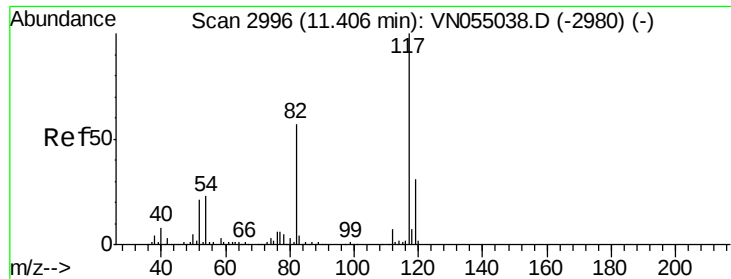
Ion Ratio Lower Upper

95 100

174 85.8 0.0 174.4

176 82.2 0.0 166.8

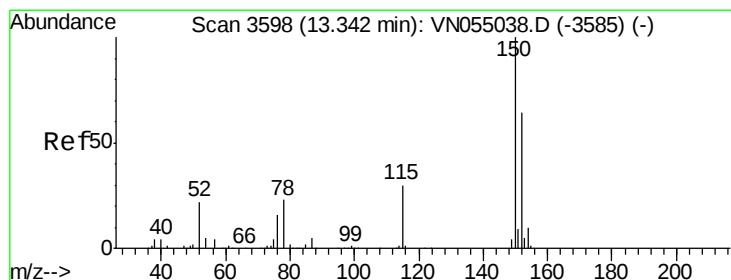
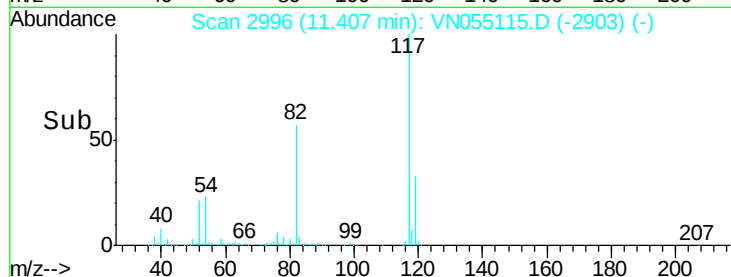
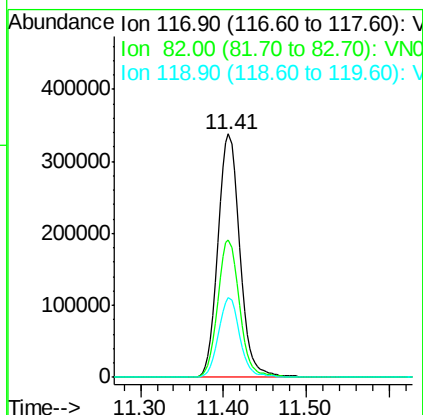
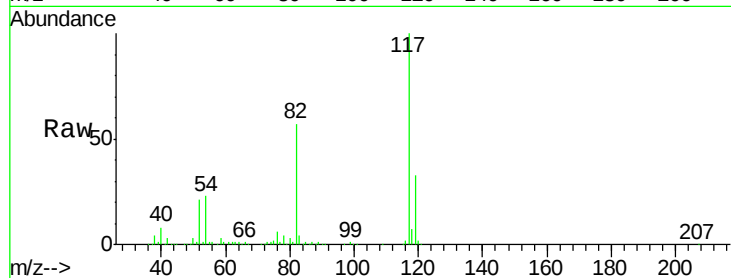




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055115.D
Acq: 18 Apr 2019 10:20

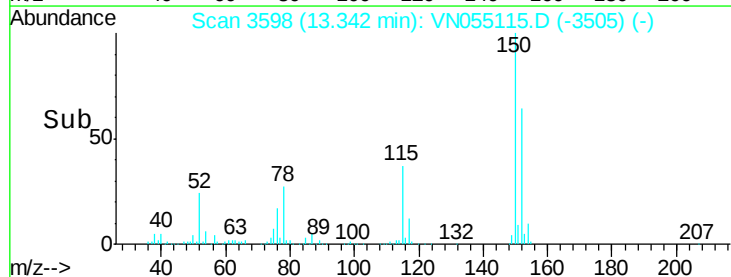
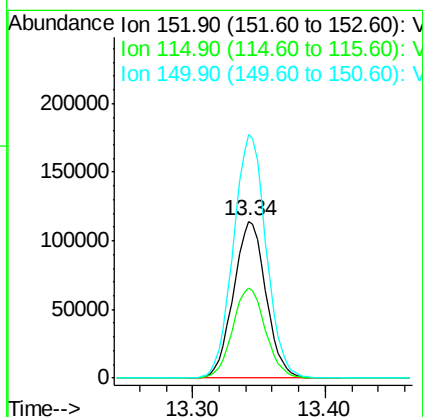
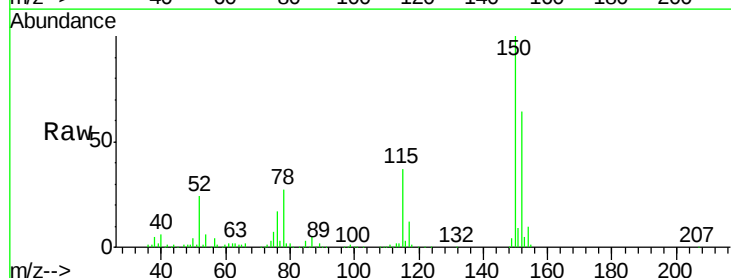
Instrument :
MSVOA_N
ClientSampled :

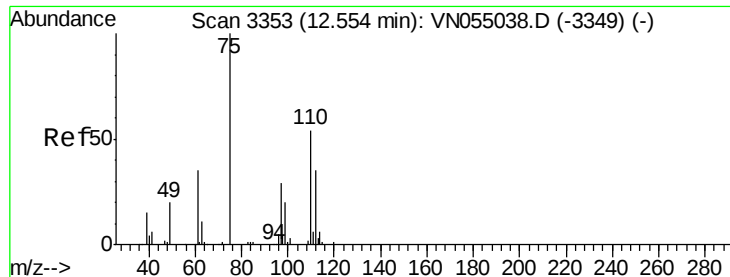
Tot Ion:117 Resp: 617437
Ion Ratio Lower Upper
117 100
82 56.5 44.6 66.8
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055115.D
Acq: 18 Apr 2019 10:20

Tgt Ion:152 Resp: 193890
Ion Ratio Lower Upper
152 100
115 57.8 28.5 85.6
150 157.1 0.0 347.2





#76

1,2,3-Trichloropropane

Concen: 36.379 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055115.D

Acq: 18 Apr 2019 10:20

Instrument :

MSVOA_N

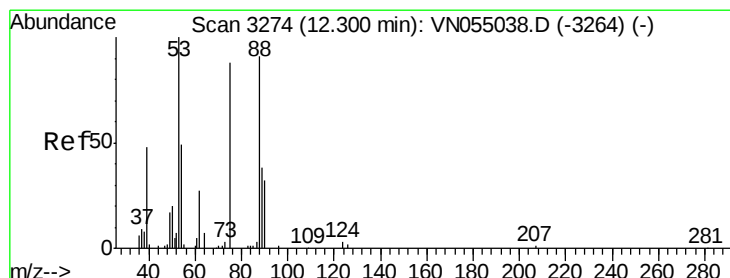
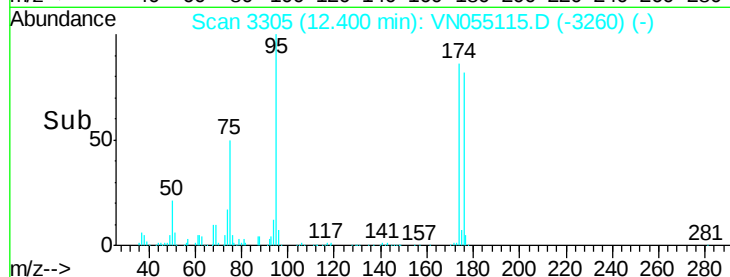
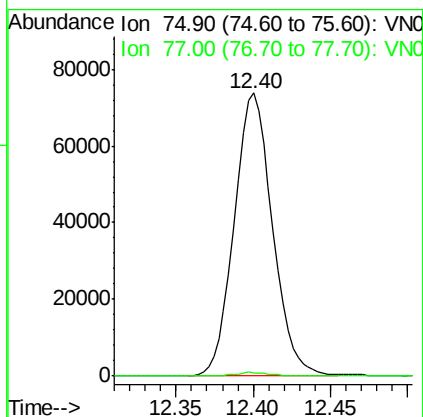
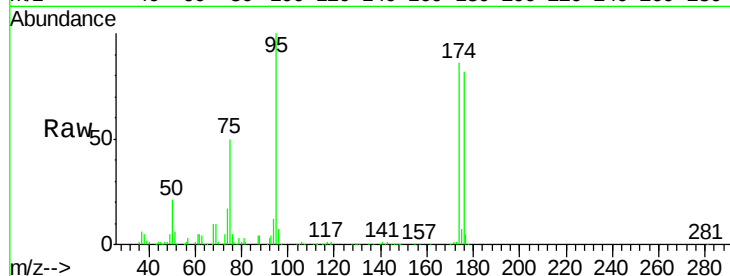
ClientSampled :

Tot Ion: 75 Resp: 126840

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 145.475 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055115.D

Acq: 18 Apr 2019 10:20

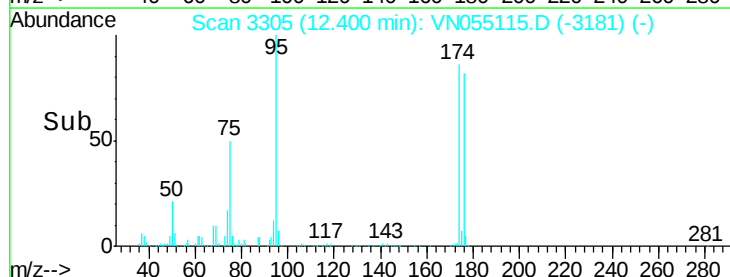
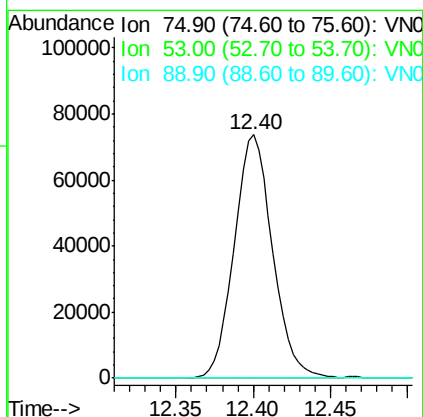
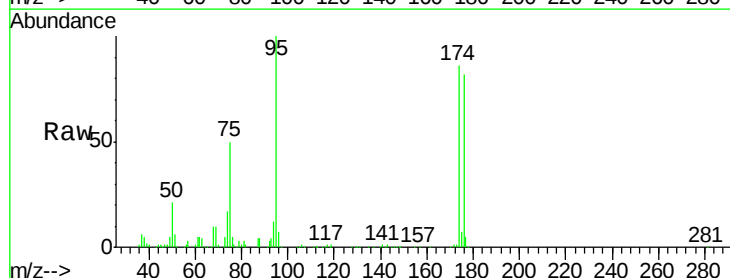
Tgt Ion: 75 Resp: 126840

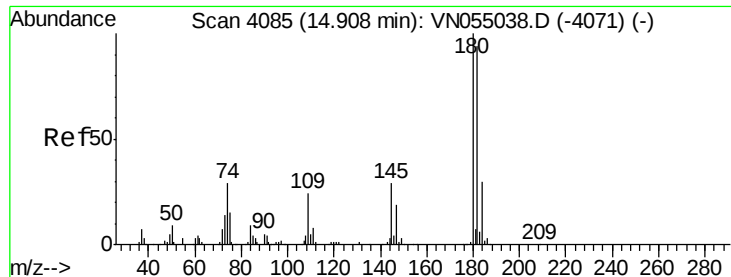
Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

89 0.0 38.6 57.8#

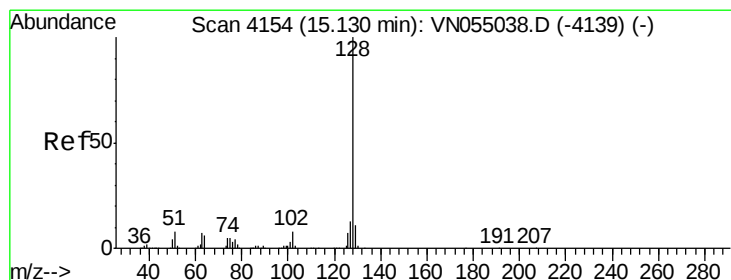
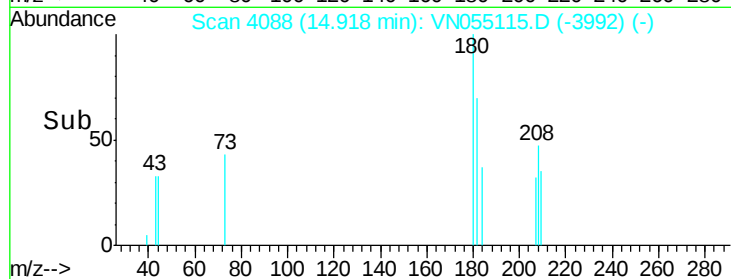
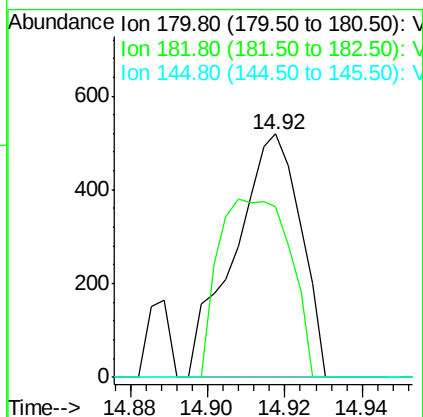
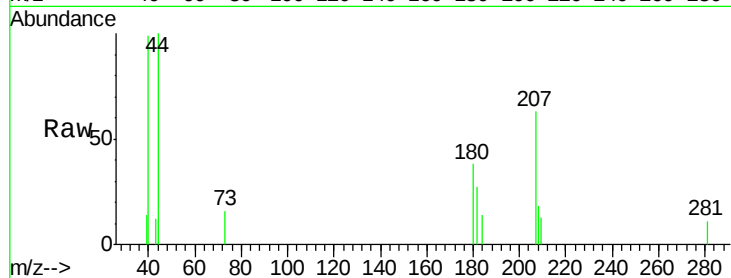




#93
 1,2,4-Trichlorobenzene
 Concen: 2.873 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN055115.D
 Acq: 18 Apr 2019 10:20

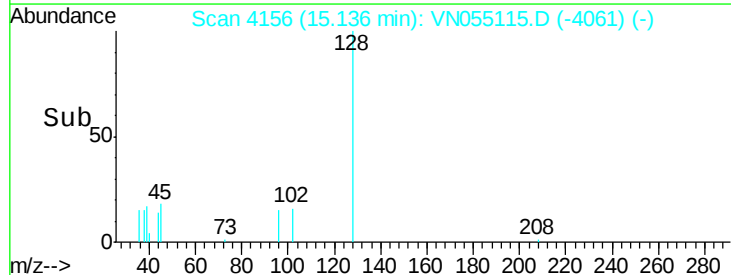
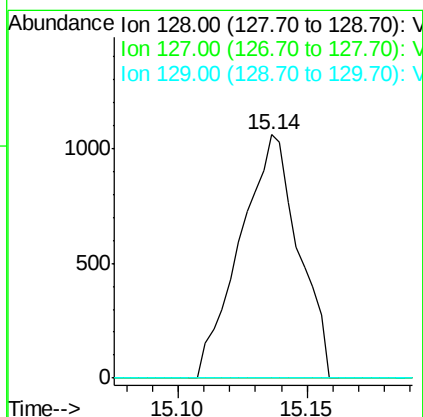
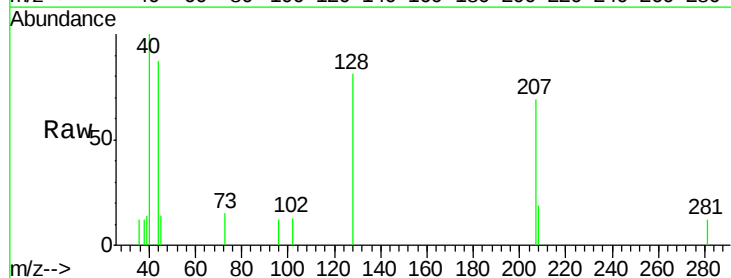
Instrument :
 MSVOA_N
 ClientSampleId :

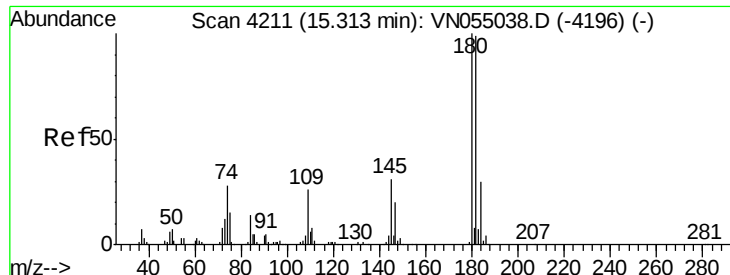
Tot Ion:180 Resp: 615
 Ion Ratio Lower Upper
 180 100
 182 79.5 47.5 142.6
 145 0.0 14.2 42.8#



#95
 Naphthalene
 Concen: 3.306 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.01 min
 Lab File: VN055115.D
 Acq: 18 Apr 2019 10:20

Tgt Ion:128 Resp: 1678
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.1 15.1#
 129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.294 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN055115.D
 Acq: 18 Apr 2019 10:20

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	48.0	144.0
145	9.0	15.3	45.9

