

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020619\
 Data File : VN053638.D
 Acq On : 6 Feb 2019 16:43
 Operator : JC/SP
 Sample : K1338-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-020519-C

Quant Time: Feb 07 04:46:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	756112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1250572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1150215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	525479	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	402003	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
35) Dibromofluoromethane	7.59	113	395250	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.09	98	1505776	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.40	95	522103	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	

Target Compounds

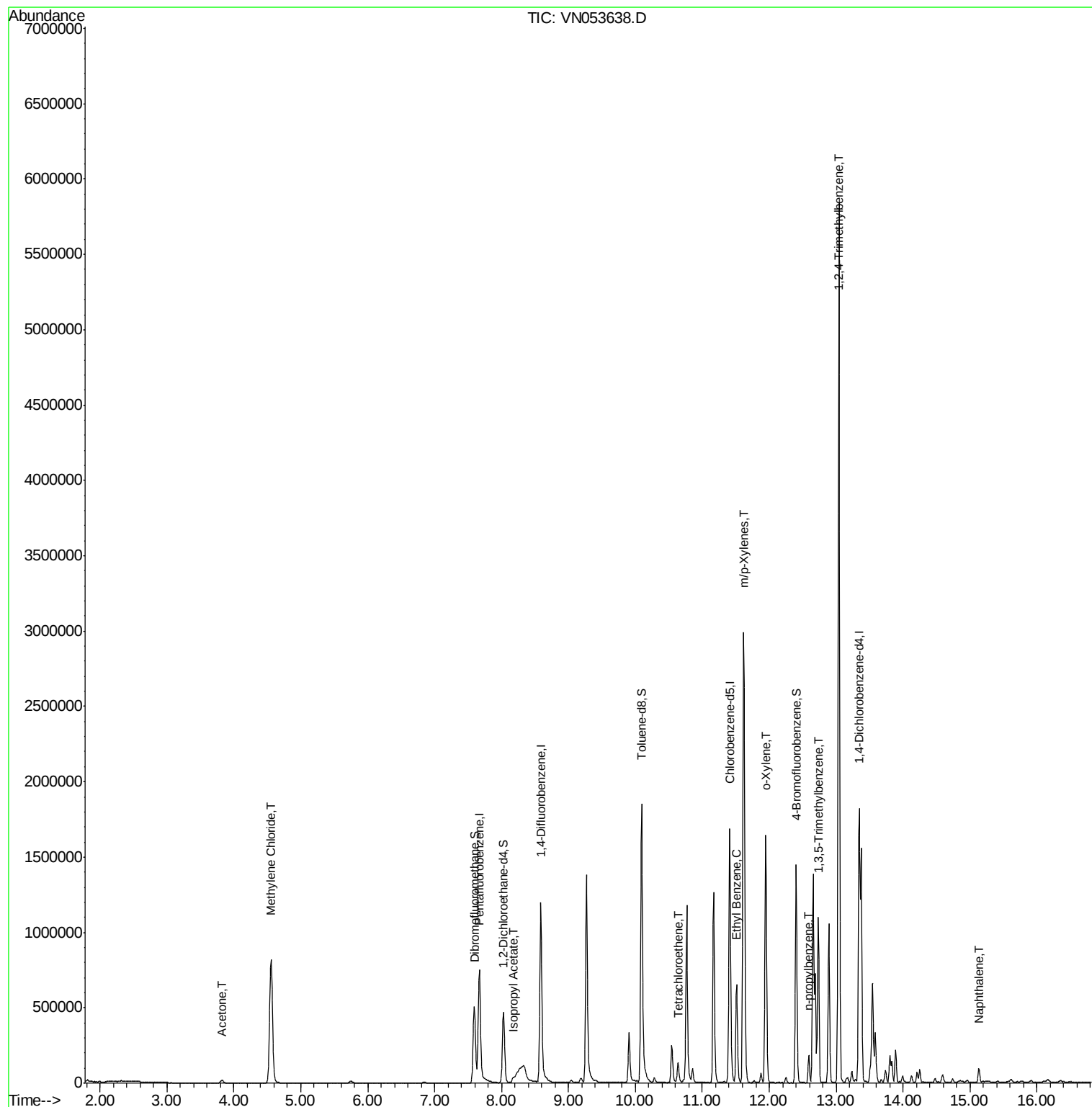
					Qvalue
16) Acetone	3.82	43	31132	16.001	ug/l 95
20) Methylene Chloride	4.55	84	647339	79.304	ug/l 99
43) Isopropyl Acetate	8.17	43	40455	3.327	ug/l # 76
64) Tetrachloroethene	10.63	164	14599	1.481	ug/l 95
67) Ethyl Benzene	11.51	91	528512	13.169	ug/l 100
68) m/p-Xylenes	11.62	106	1064326	69.484	ug/l 100
69) o-Xylene	11.95	106	489016	33.045	ug/l 100
78) n-propylbenzene	12.59	91	153057	3.584	ug/l 99
80) 1,3,5-Trimethylbenzene	12.73	105	631744	20.623	ug/l 100
84) 1,2,4-Trimethylbenzene	13.04	105	3339214	106.995	ug/l 99
95) Naphthalene	15.13	128	83865	5.243	ug/l 99

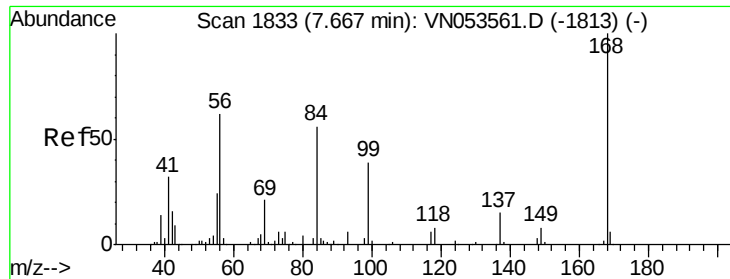
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020619\
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QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053638.D

Acq: 6 Feb 2019 16:43

Instrument :

MSVOA_N

ClientSampleId :

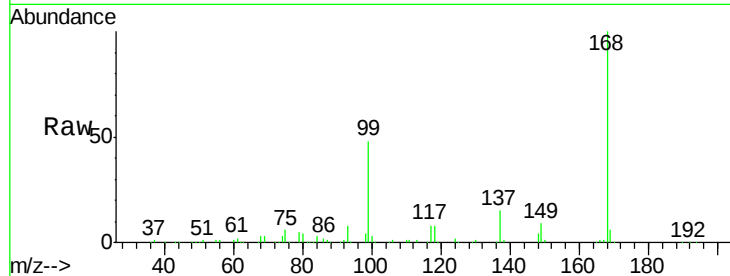
AU-06-020519-C

Tot Ion:168 Resp: 756112

Ion Ratio Lower Upper

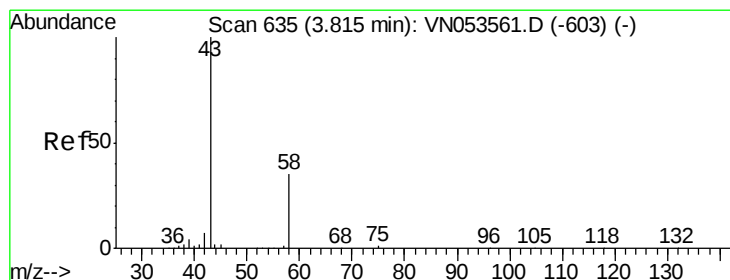
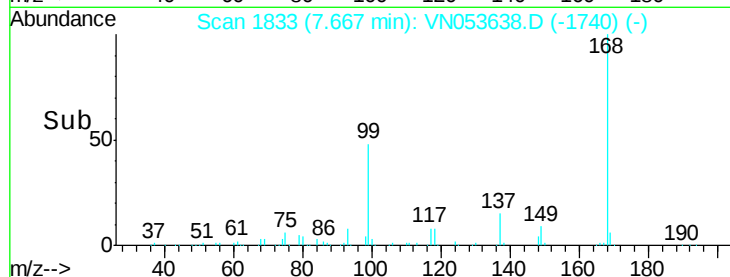
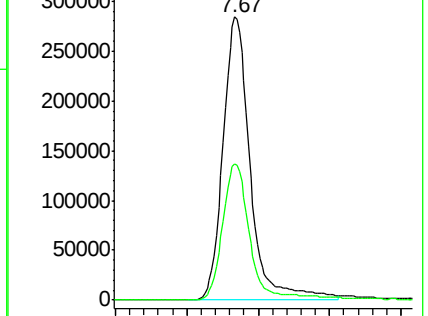
168 100

99 48.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 16.001 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053638.D

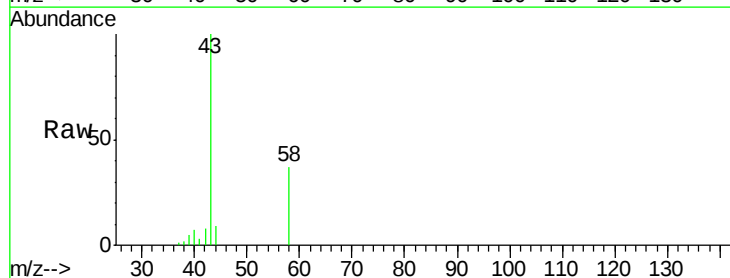
Acq: 6 Feb 2019 16:43

Tgt Ion: 43 Resp: 31132

Ion Ratio Lower Upper

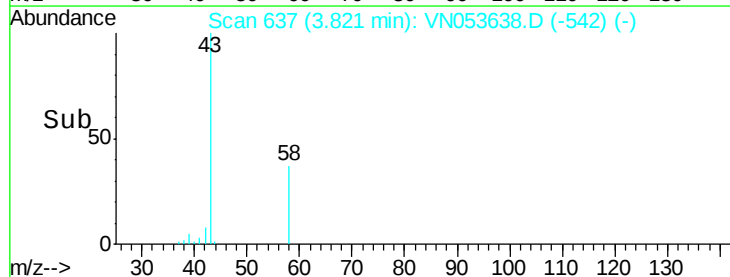
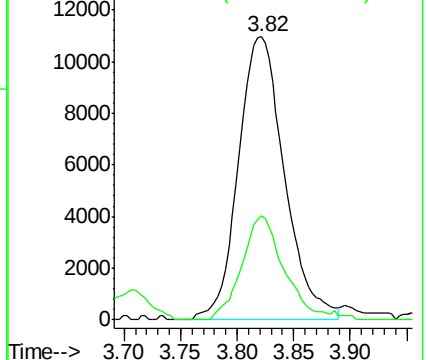
43 100

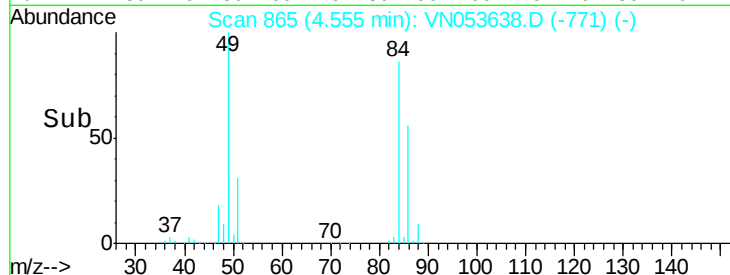
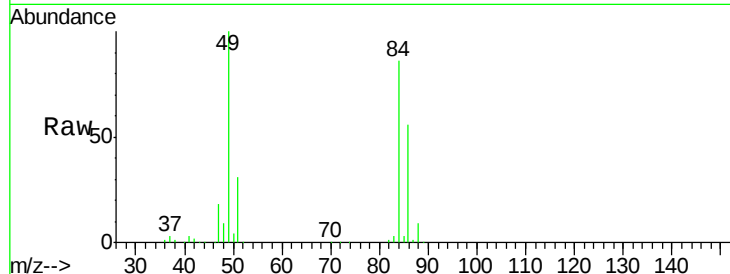
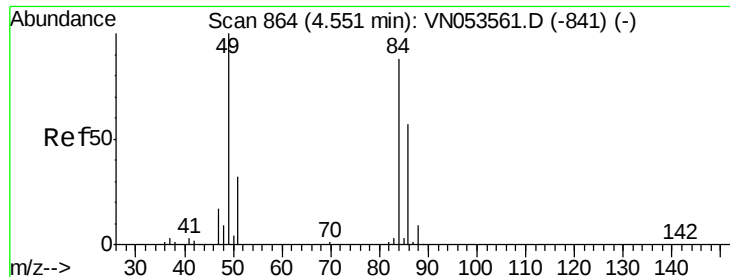
58 36.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

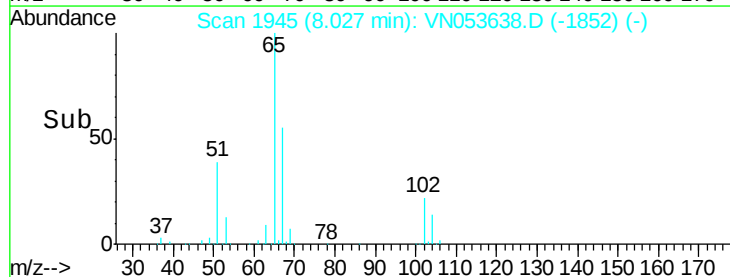
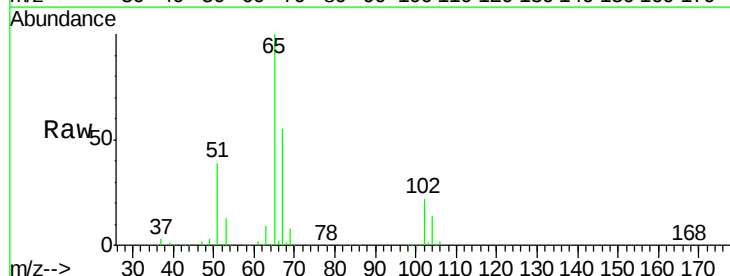
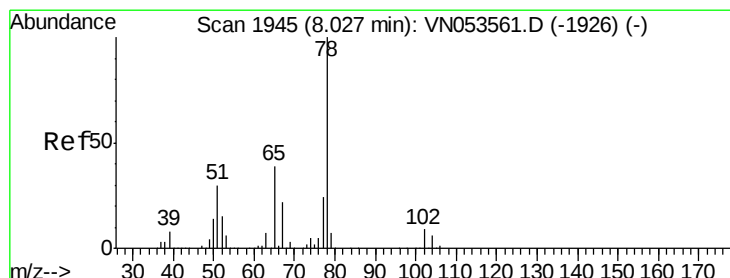
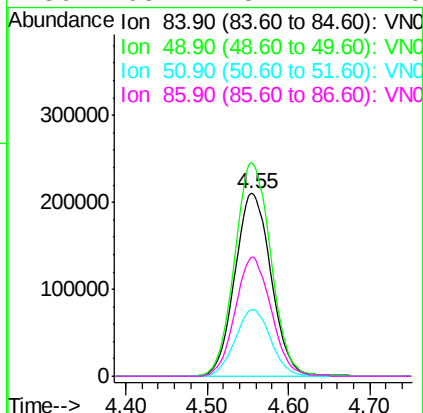




#20
Methvlene Chloride
Concen: 79.304 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053638.D
Acq: 6 Feb 2019 16:43

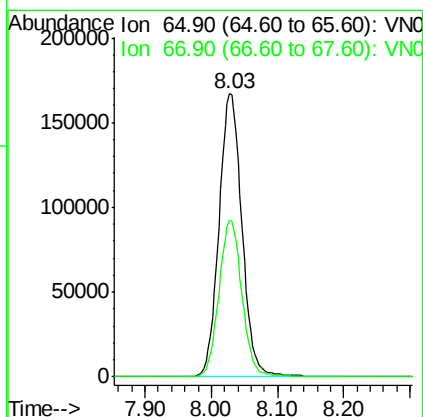
Instrument :
MSVOA_N
ClientSampleId :
AU-06-020519-C

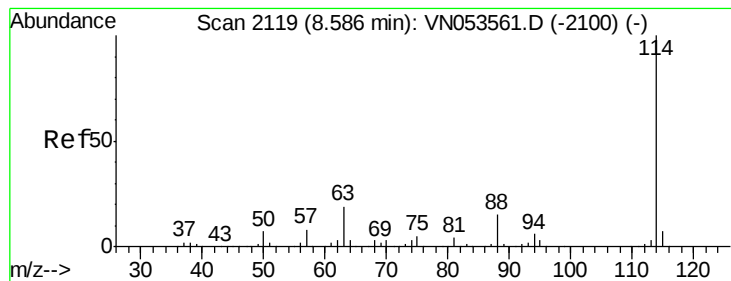
Tot Ion:	84	Resp:	647339
Ion	Ratio	Lower	Upper
84	100		
49	116.8	94.3	141.5
51	36.3	29.4	44.2
86	65.4	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053638.D
Acq: 6 Feb 2019 16:43

Tgt Ion:	65	Resp:	402003
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053638.D

Acq: 6 Feb 2019 16:43

Instrument :

MSVOA_N

ClientSampleId :

AU-06-020519-C

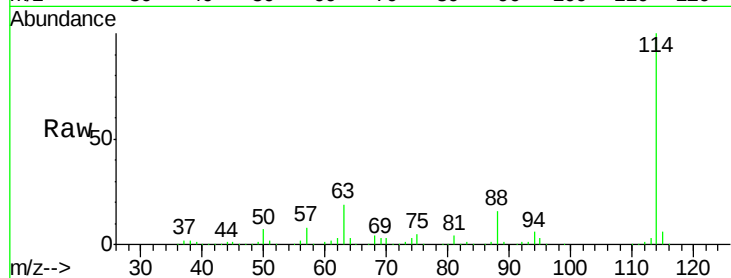
Tot Ion:114 Resp: 1250572

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

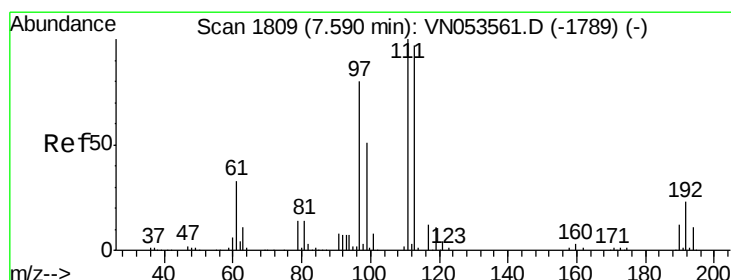
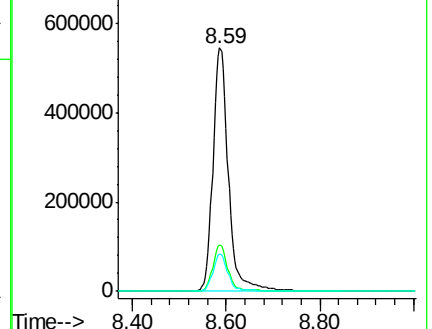
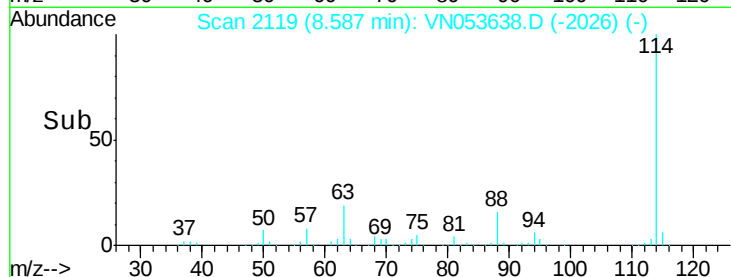
88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053638.D

Acq: 6 Feb 2019 16:43

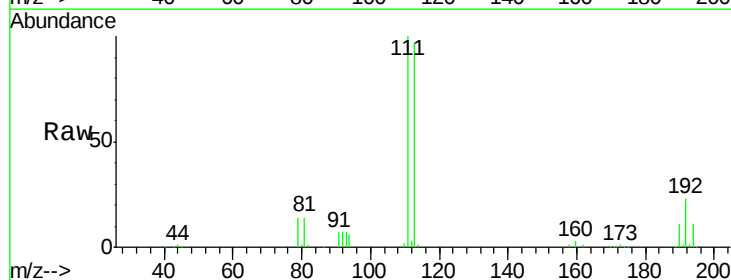
Tgt Ion:113 Resp: 395250

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

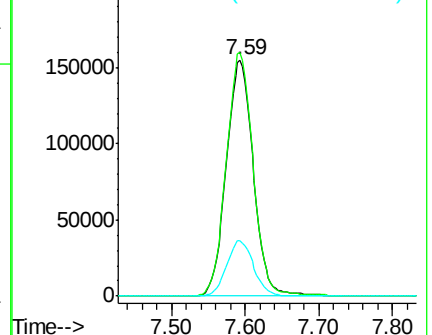
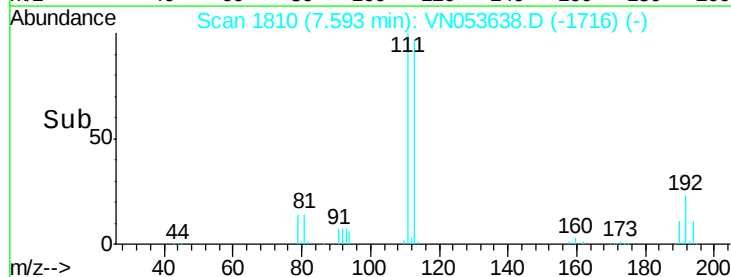
192 23.2 18.2 27.2

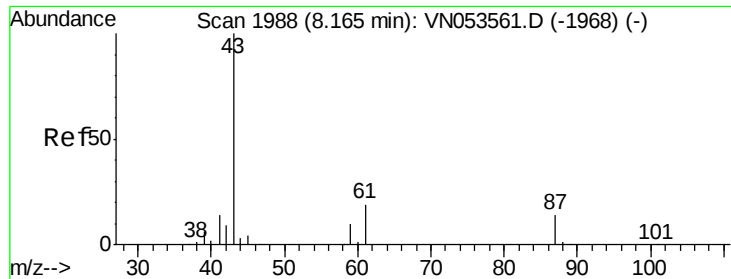


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.327 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053638.D

Acq: 6 Feb 2019 16:43

Instrument :

MSVOA_N

ClientSampleId :

AU-06-020519-C

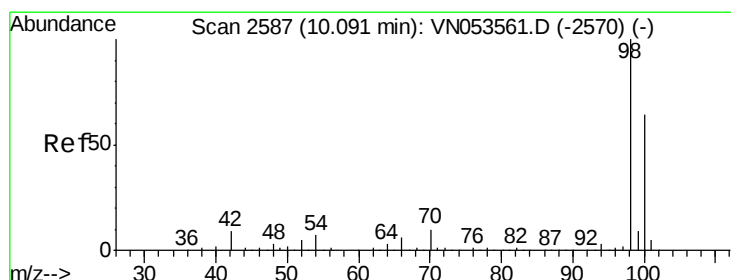
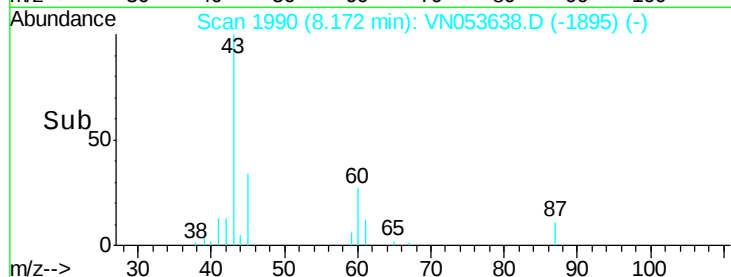
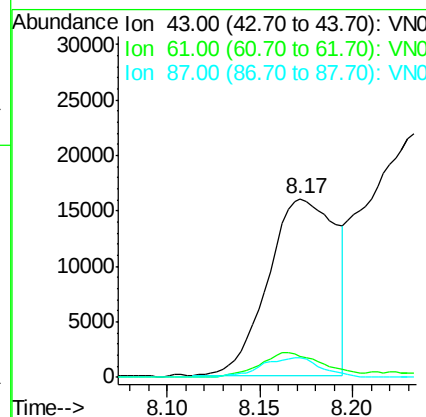
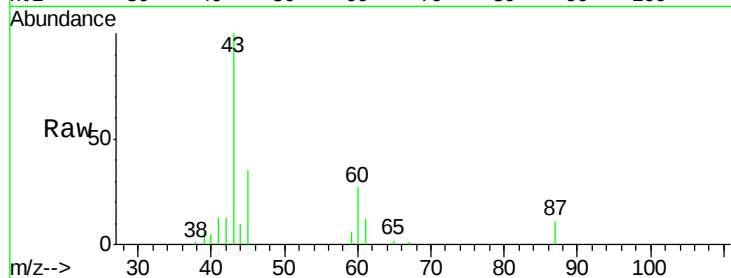
Tot Ion: 43 Resp: 40455

Ion Ratio Lower Upper

43 100

61 13.3 23.9 35.9#

87 9.7 11.0 16.6#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053638.D

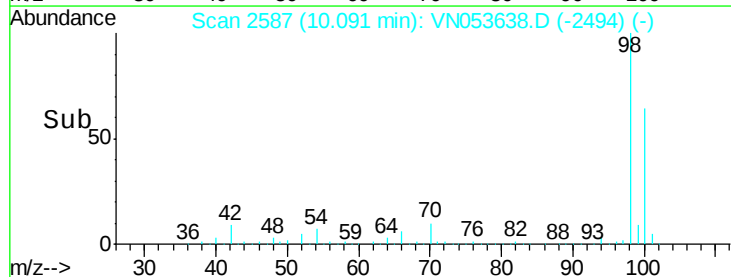
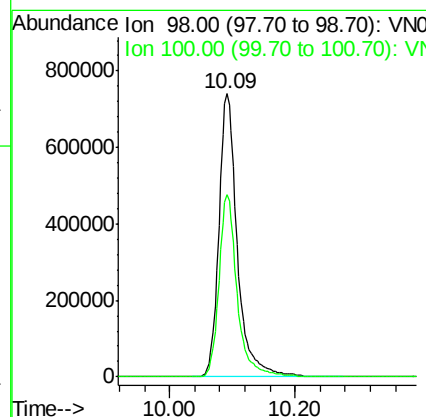
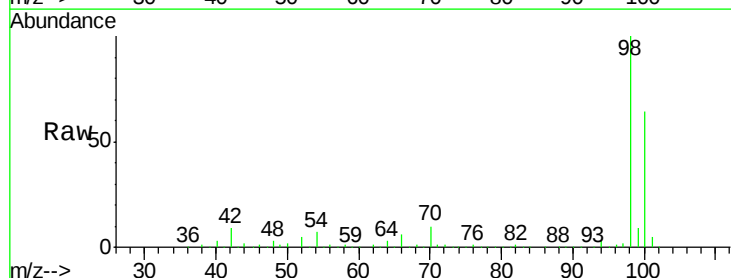
Acq: 6 Feb 2019 16:43

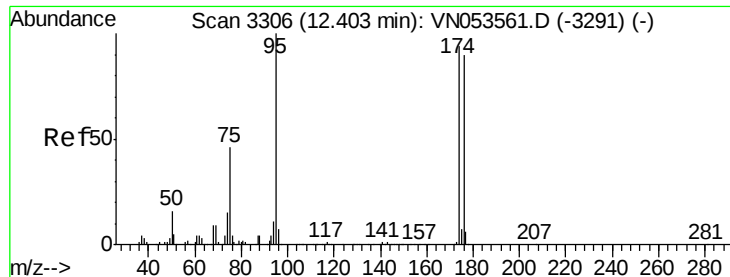
Tgt Ion: 98 Resp: 1505776

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053638.D

Acq: 6 Feb 2019 16:43

Instrument :

MSVOA_N

ClientSampleId :

AU-06-020519-C

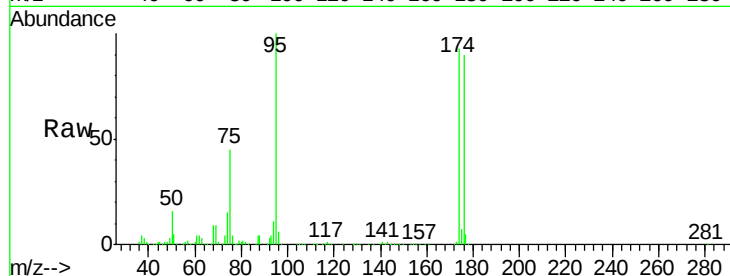
Tot Ion: 95 Resp: 522103

Ion Ratio Lower Upper

95 100

174 93.0 0.0 183.2

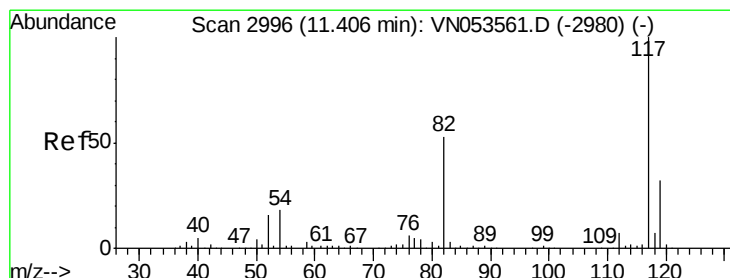
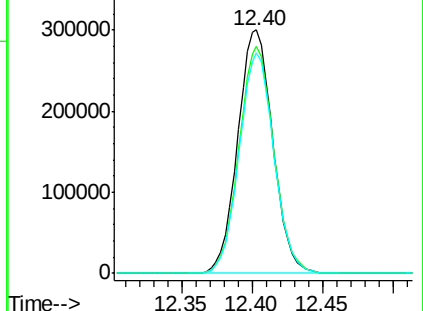
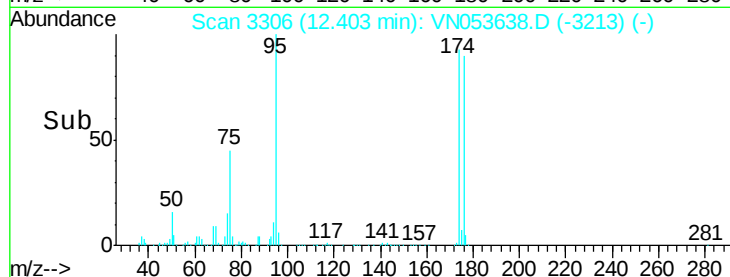
176 90.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053638.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053638.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053638.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053638.D

Acq: 6 Feb 2019 16:43

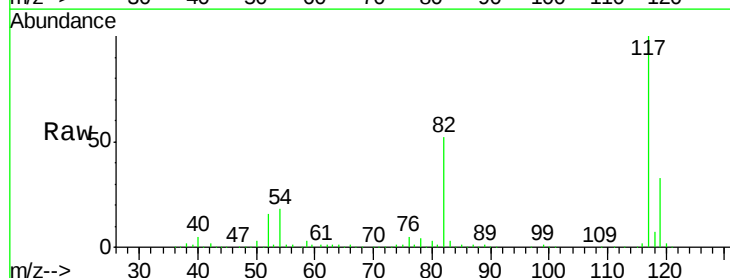
Tgt Ion: 117 Resp: 1150215

Ion Ratio Lower Upper

117 100

82 52.4 42.9 64.3

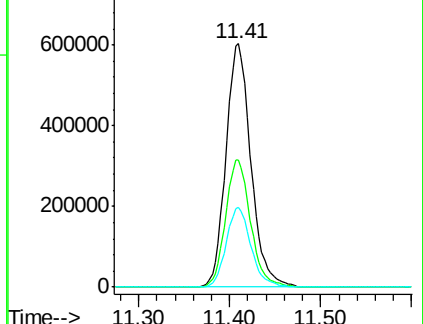
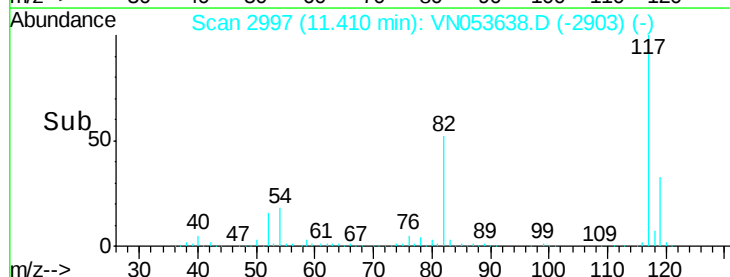
119 32.6 26.0 39.0

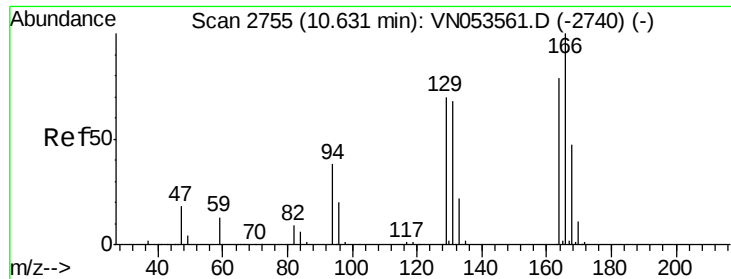


Abundance Ion 116.90 (116.60 to 117.60): VN053638.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053638.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053638.D (-2903) (-)

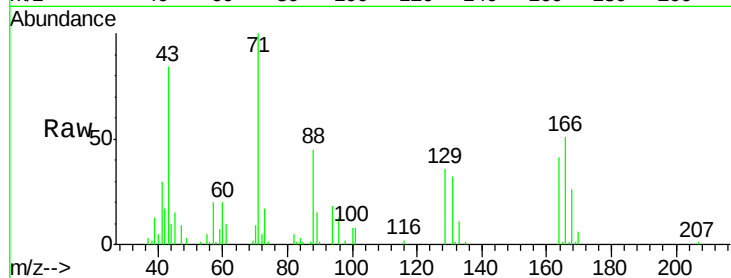




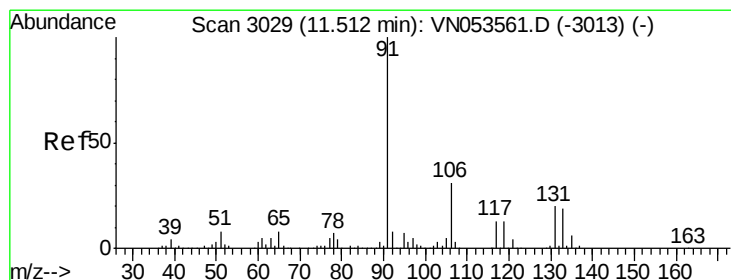
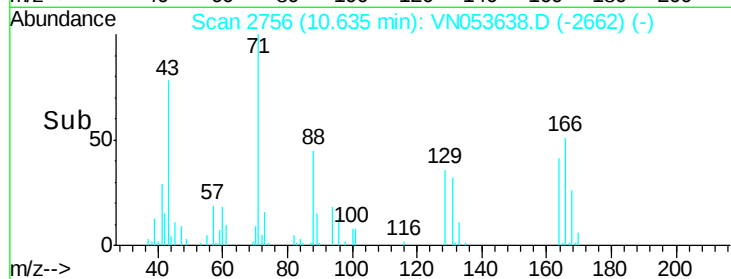
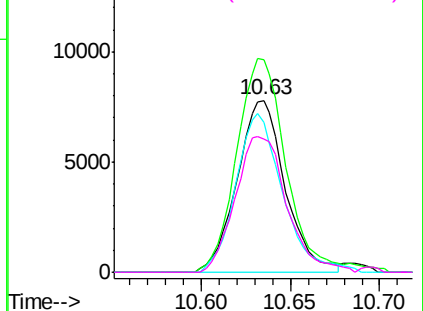
#64
Tetrachloroethene
Concen: 1.481 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN053638.D
Acq: 6 Feb 2019 16:43

Instrument :
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Tot Ion:164 Resp: 14599
Ion Ratio Lower Upper
164 100
166 123.5 102.2 153.4
129 87.5 72.6 109.0
131 77.6 69.5 104.3

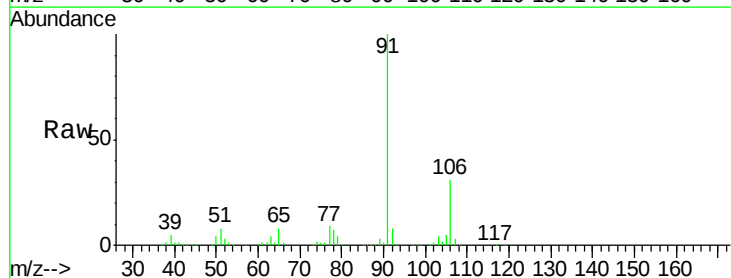


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

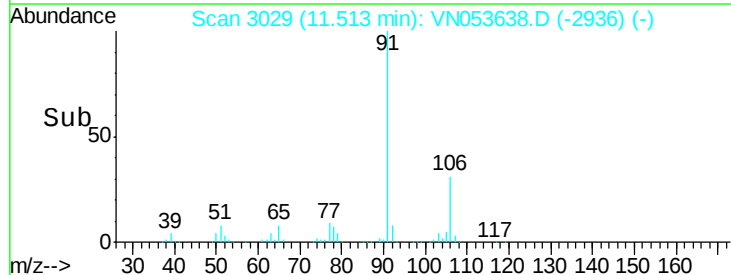
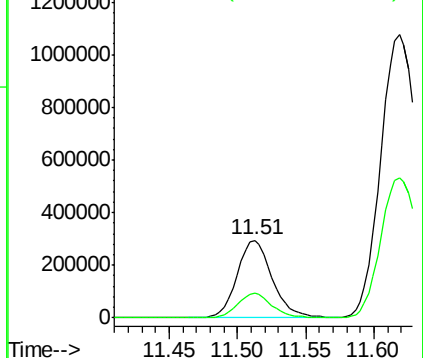


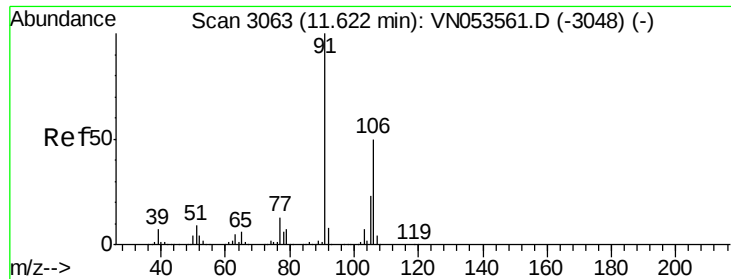
#67
Ethyl Benzene
Concen: 13.169 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053638.D
Acq: 6 Feb 2019 16:43

Tgt Ion: 91 Resp: 528512
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 106.00 (105.70 to 106.70): V

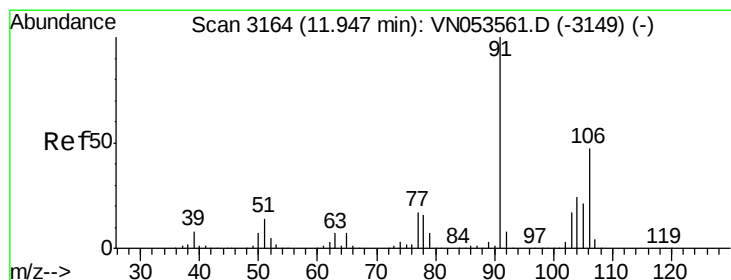
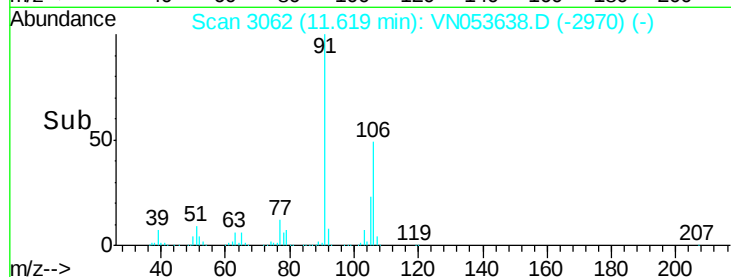
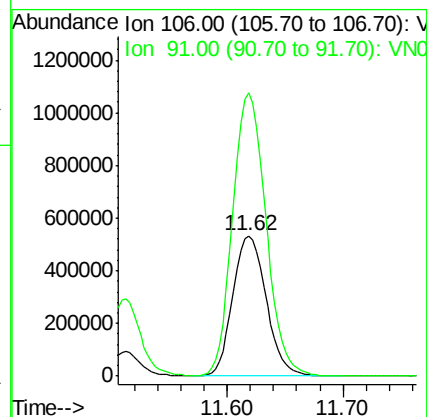
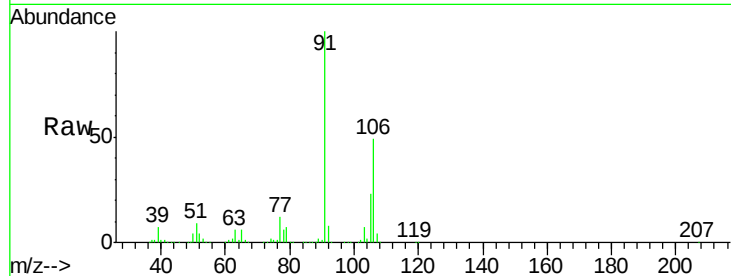




#68
m/p-Xylenes
Concen: 69.484 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053638.D
Acq: 6 Feb 2019 16:43

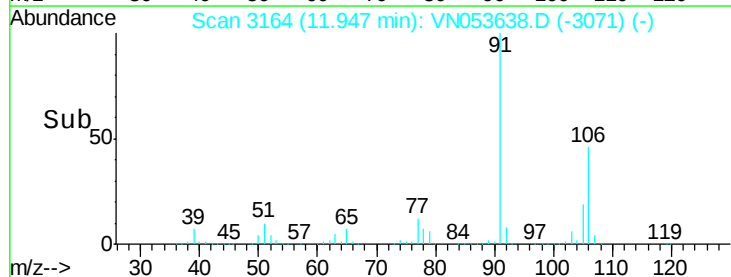
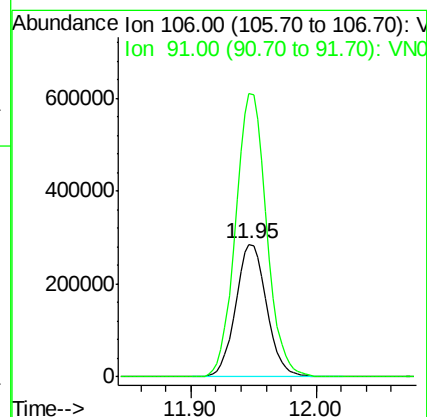
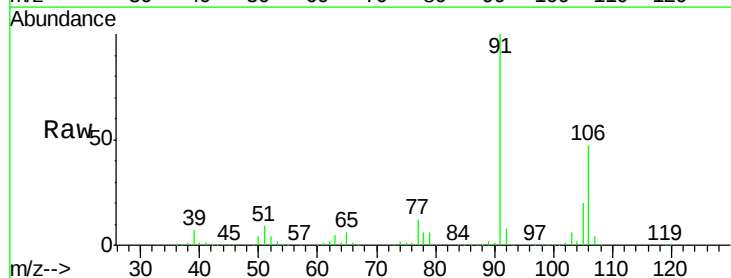
Instrument :
MSVOA_N
ClientSampleId :
AU-06-020519-C

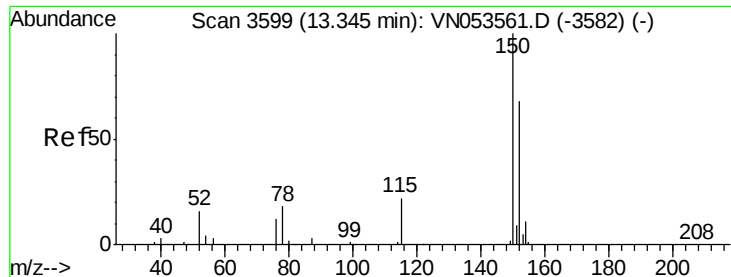
Tot Ion:106 Resp: 1064326
Ion Ratio Lower Upper
106 100
91 201.1 161.4 242.2



#69
o-Xylene
Concen: 33.045 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053638.D
Acq: 6 Feb 2019 16:43

Tgt Ion:106 Resp: 489016
Ion Ratio Lower Upper
106 100
91 214.0 106.9 320.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053638.D

Acq: 6 Feb 2019 16:43

Instrument :

MSVOA_N

ClientSampleId :

AU-06-020519-C

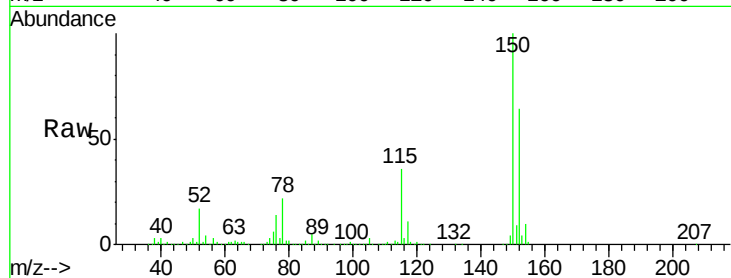
Tot Ion:152 Resp: 525479

Ion Ratio Lower Upper

152 100

115 61.7 27.8 83.4

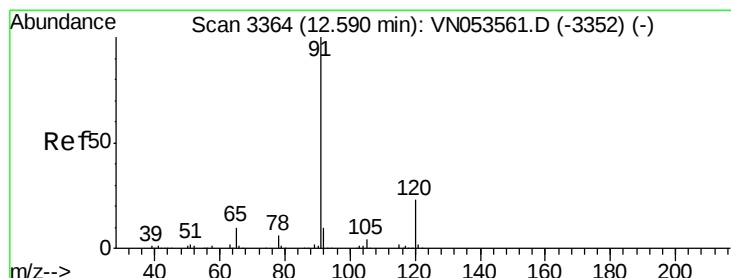
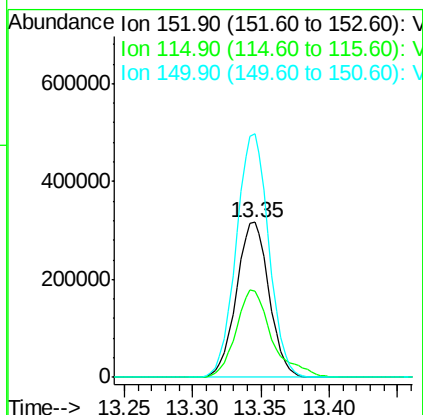
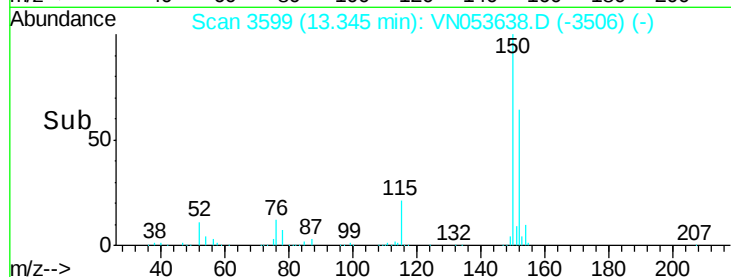
150 156.7 0.0 349.0



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



#78

n-propylbenzene

Concen: 3.584 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053638.D

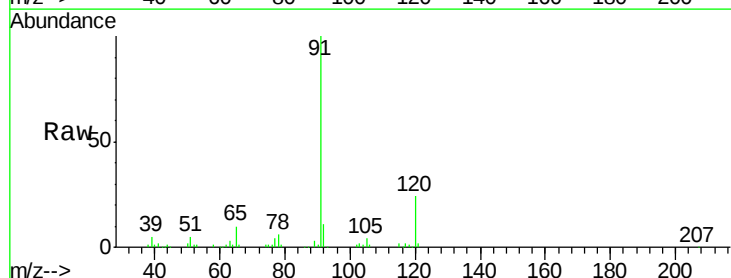
Acq: 6 Feb 2019 16:43

Tgt Ion: 91 Resp: 153057

Ion Ratio Lower Upper

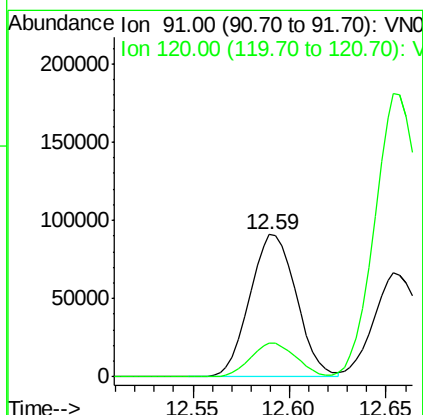
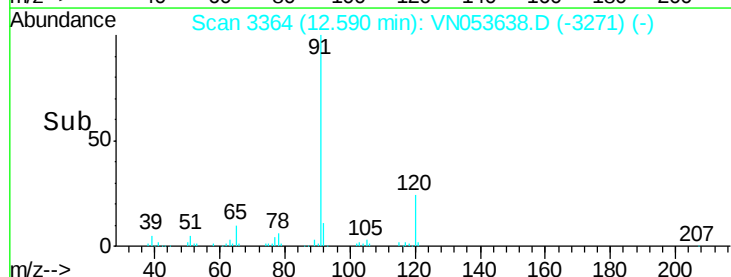
91 100

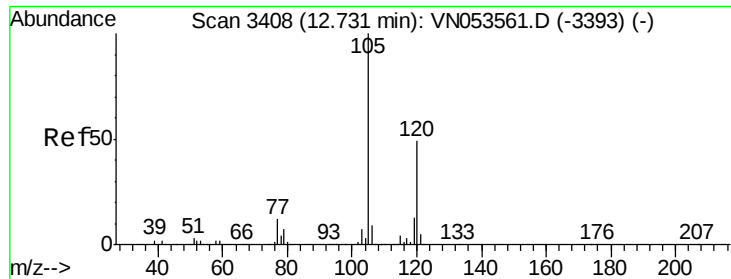
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

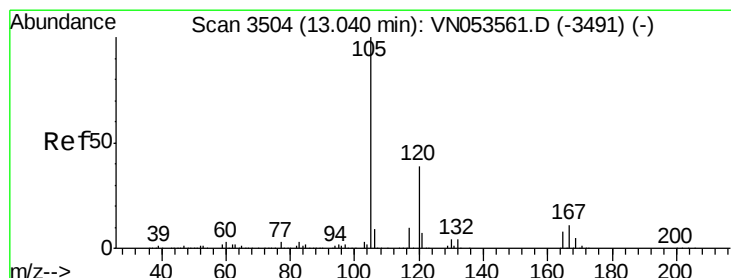
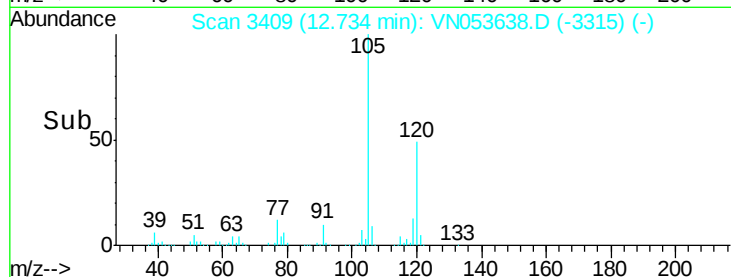
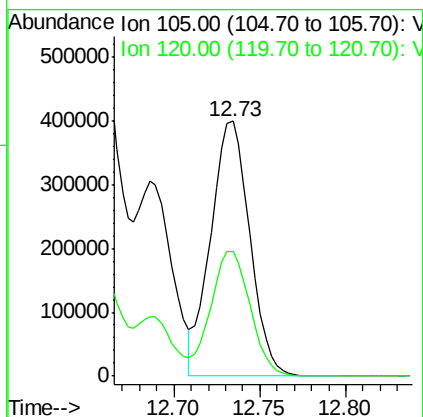
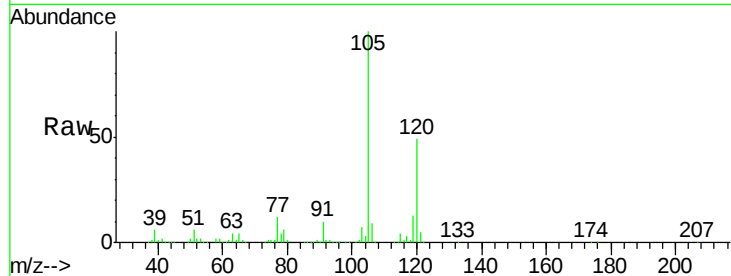




#80
 1,3,5-Trimethylbenzene
 Concen: 20.623 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053638.D
 Acq: 6 Feb 2019 16:43

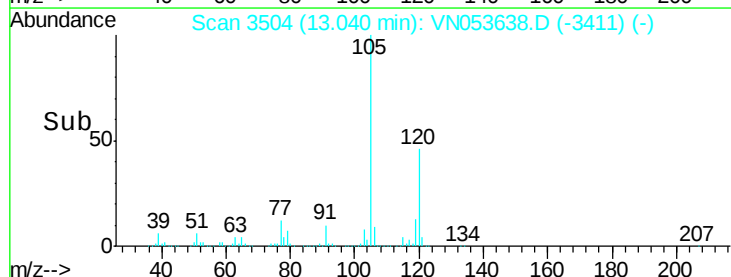
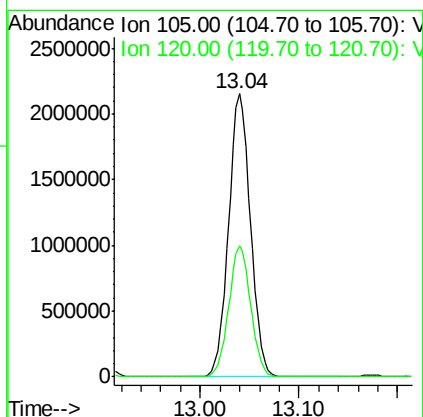
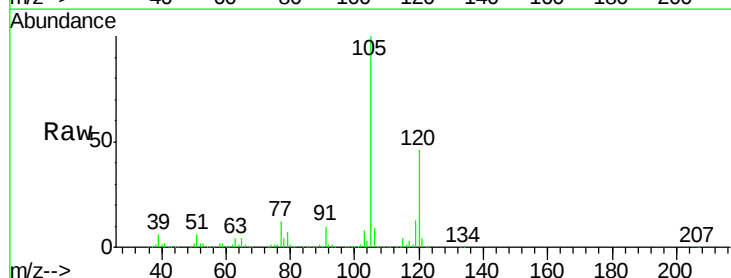
Instrument :
 MSVOA_N
 ClientSampled :
 AU-06-020519-C

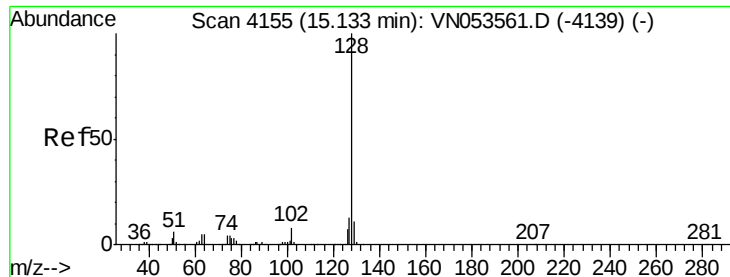
Tot Ion:105 Resp: 631744
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.9 74.6



#84
 1,2,4-Trimethylbenzene
 Concen: 106.995 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053638.D
 Acq: 6 Feb 2019 16:43

Tgt Ion:105 Resp: 3339214
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.0 69.0





#95

Naphthalene

Concen: 5.243 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053638.D

Acq: 6 Feb 2019 16:43

Instrument :

MSVOA_N

ClientSampleId :

AU-06-020519-C

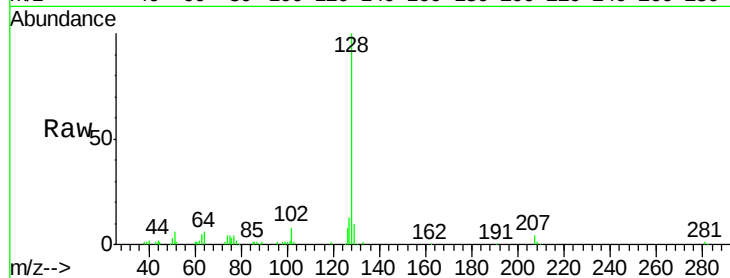
Tot Ion:128 Resp: 83865

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.5 8.6 13.0



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

