

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050421.D
 Acq On : 7 Aug 2018 7:35
 Operator : MD\SY
 Sample : J4277-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-080318-A

Quant Time: Aug 07 08:50:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	647807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1078482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	940194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	379438	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	456930	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
35) Dibromofluoromethane	7.59	113	414946	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
50) Toluene-d8	10.09	98	1471933	45.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.48%	
62) 4-Bromofluorobenzene	12.40	95	435454	39.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.54%	

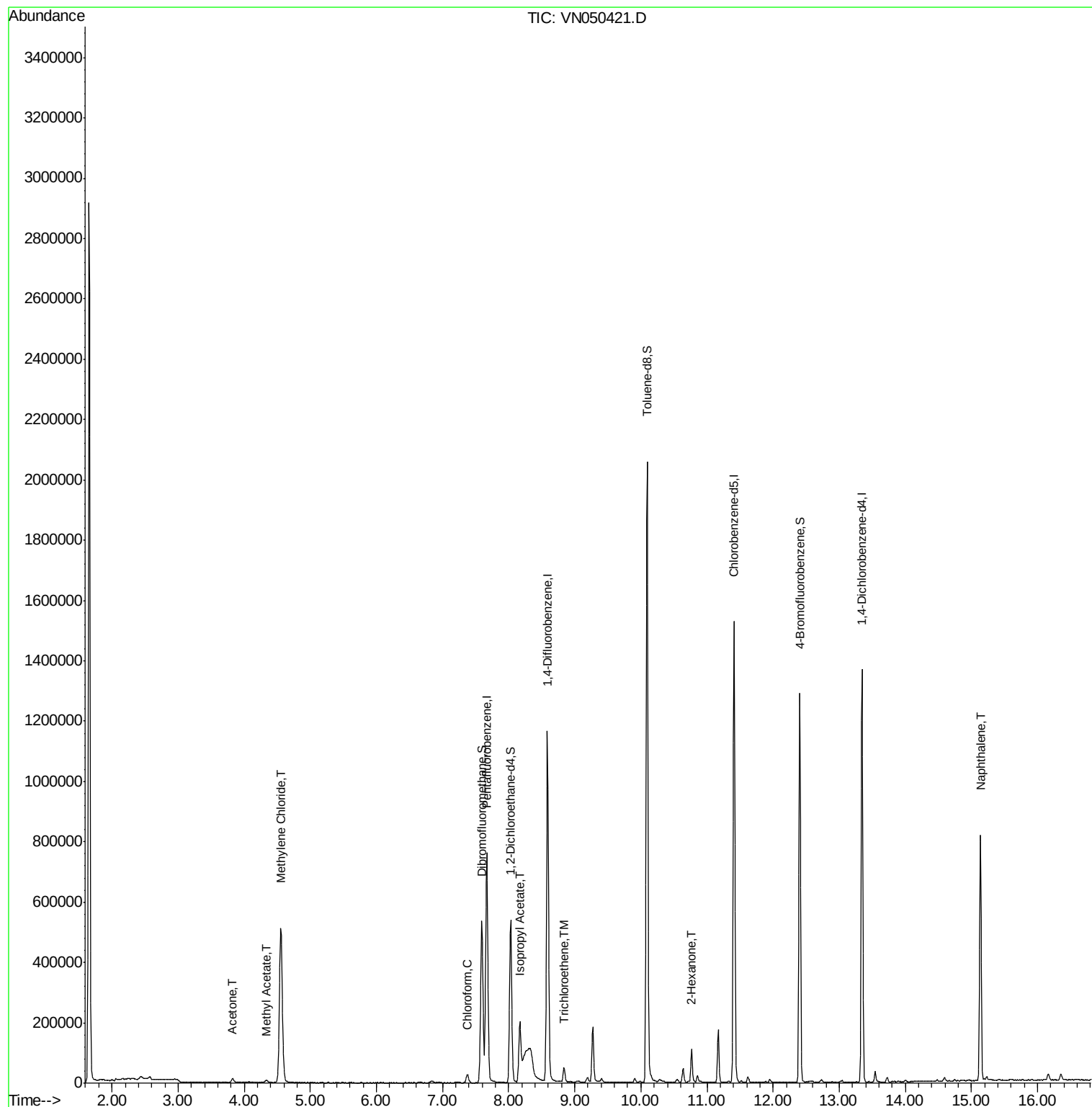
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	21846	8.12	ug/l	93
18) Methyl Acetate	4.33	43	14385	1.96	ug/l	96
20) Methylene Chloride	4.55	84	408963	51.87	ug/l	98
30) Chloroform	7.37	83	27718	1.97	ug/l	97
43) Isopropyl Acetate	8.17	43	252413	17.13	ug/l	96
44) Trichloroethene	8.83	130	17214	1.76	ug/l	92
59) 2-Hexanone	10.77	43	15393	2.08	ug/l #	58
95) Naphthalene	15.14	128	692300	38.57	ug/l	100

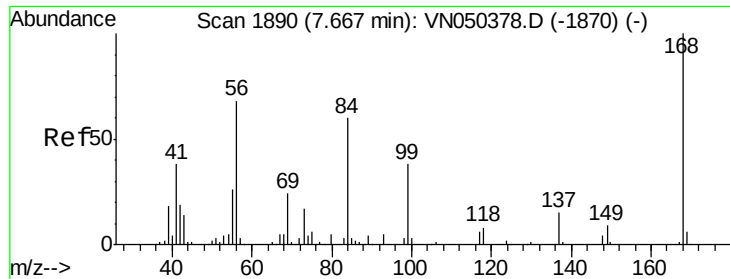
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050421.D

Acq: 7 Aug 2018 7:35

Instrument :

MSVOA_N

ClientSampleId :

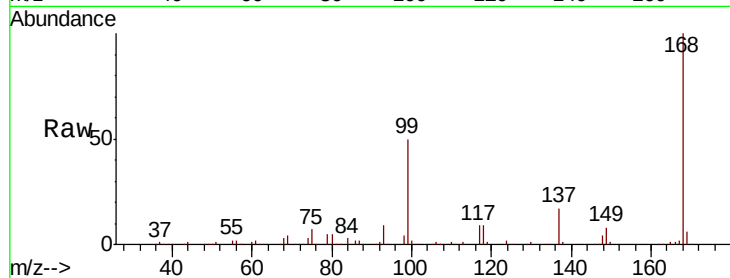
OR-02-080318-A

Tot Ion:168 Resp: 647807

Ion Ratio Lower Upper

168 100

99 50.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

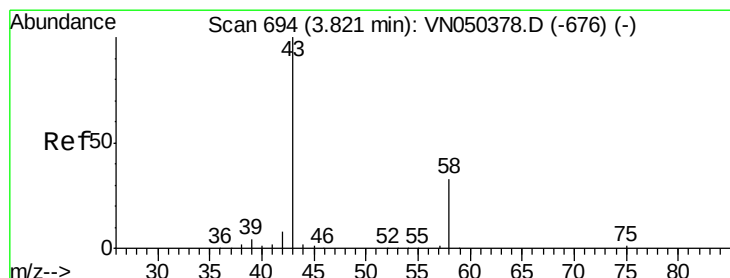
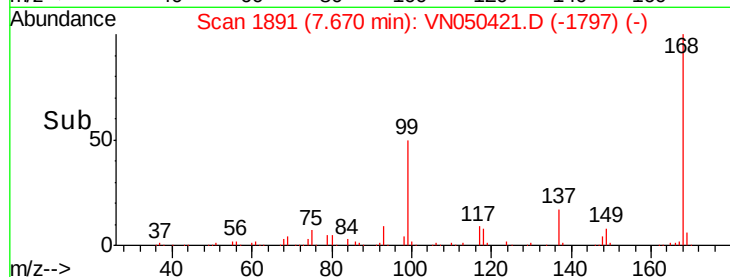
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.12 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050421.D

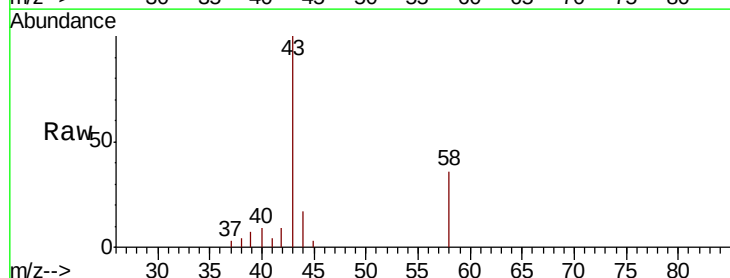
Acq: 7 Aug 2018 7:35

Tgt Ion: 43 Resp: 21846

Ion Ratio Lower Upper

43 100

58 36.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

8000

6000

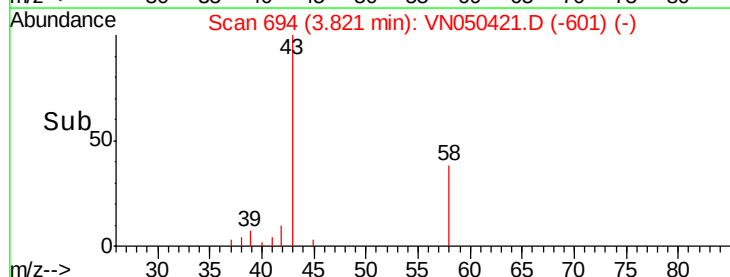
4000

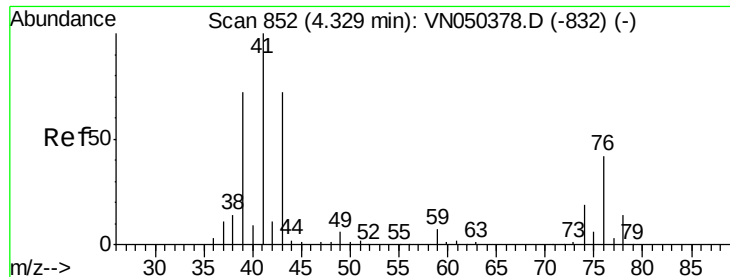
2000

0

3.80 3.90

Time-->

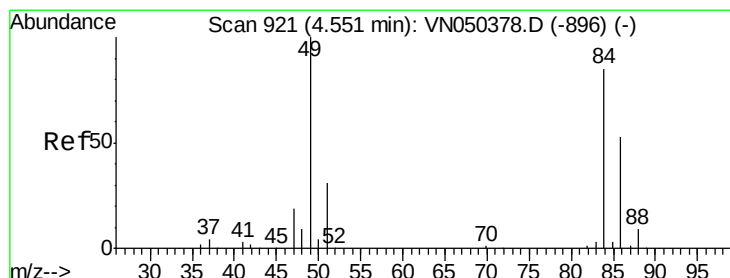
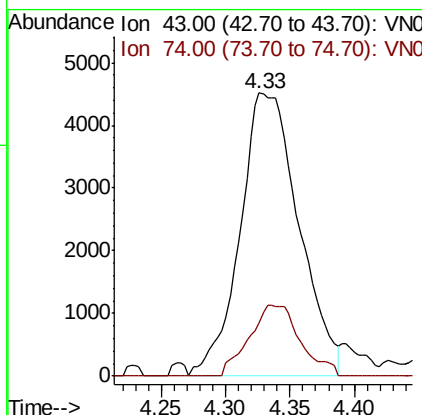
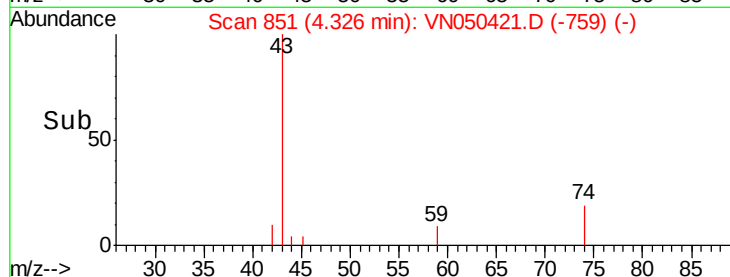
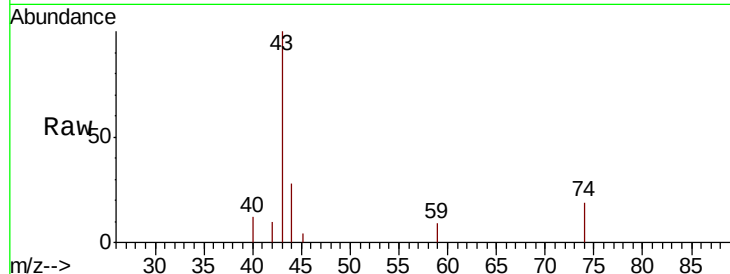




#18
Methyl Acetate
Concen: 1.96 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.00 min
Lab File: VN050421.D
Acq: 7 Aug 2018 7:35

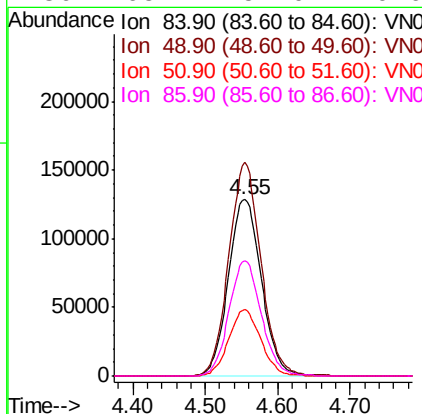
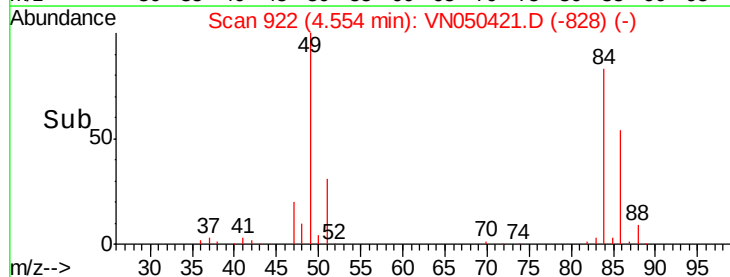
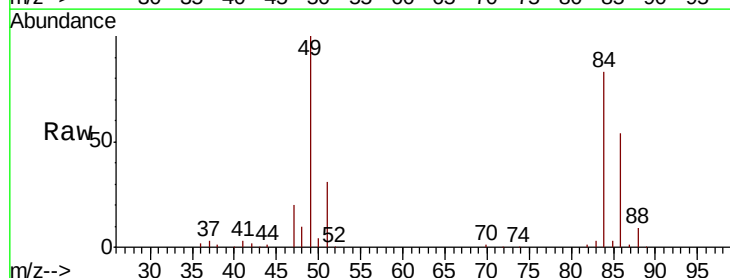
Instrument :
MSVOA_N
ClientSampleId :
OR-02-080318-A

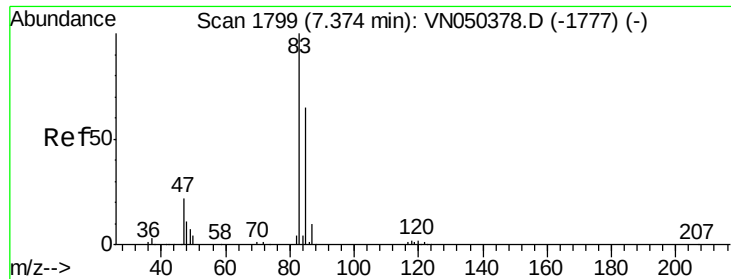
Tot Ion: 43 Resp: 14385
Ion Ratio Lower Upper
43 100
74 21.8 19.2 28.8



#20
Methylene Chloride
Concen: 51.87 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050421.D
Acq: 7 Aug 2018 7:35

Tgt Ion: 84 Resp: 408963
Ion Ratio Lower Upper
84 100
49 121.1 94.8 142.2
51 37.5 28.3 42.5
86 65.2 51.0 76.6

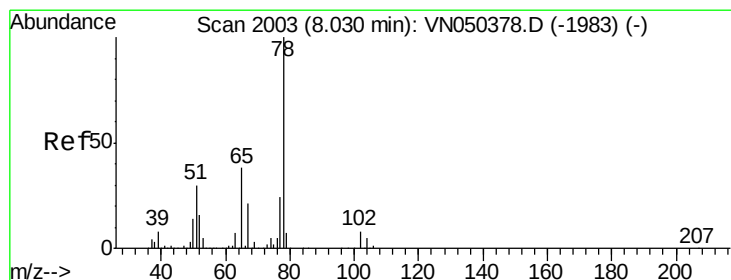
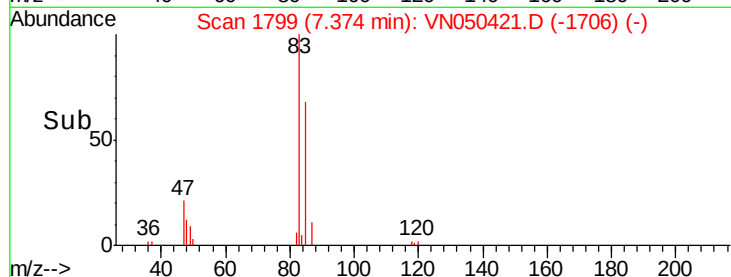
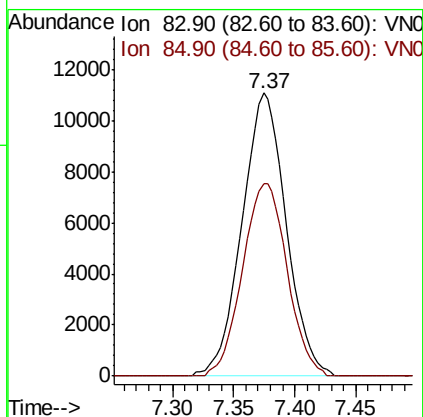
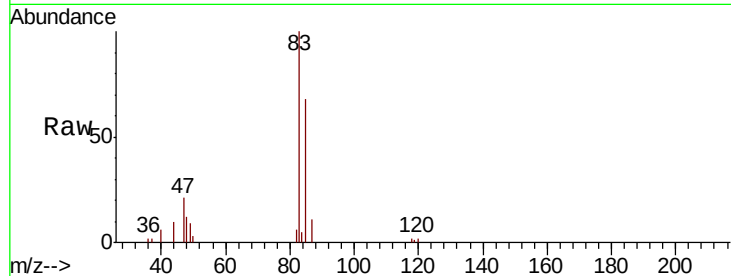




#30
Chloroform
Concen: 1.97 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN050421.D
Acq: 7 Aug 2018 7:35

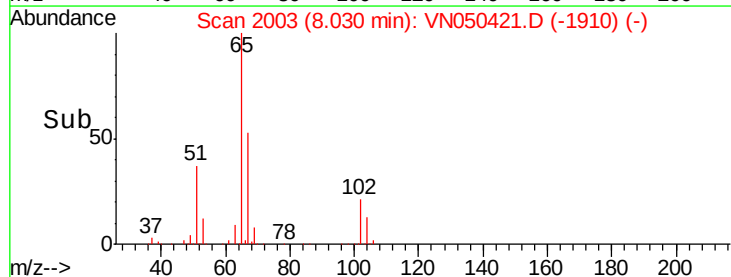
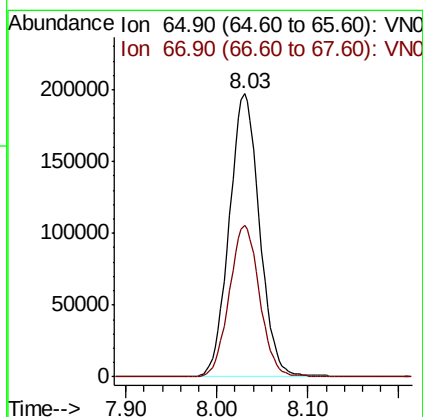
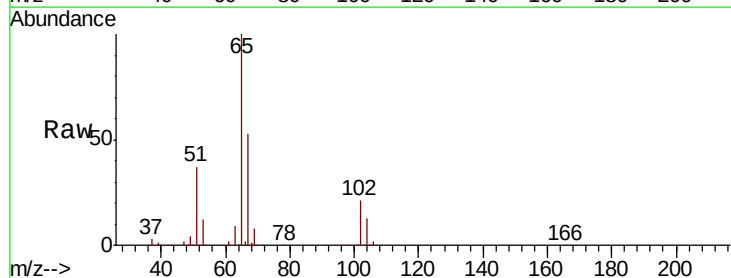
Instrument :
MSVOA_N
ClientSampleId :
OR-02-080318-A

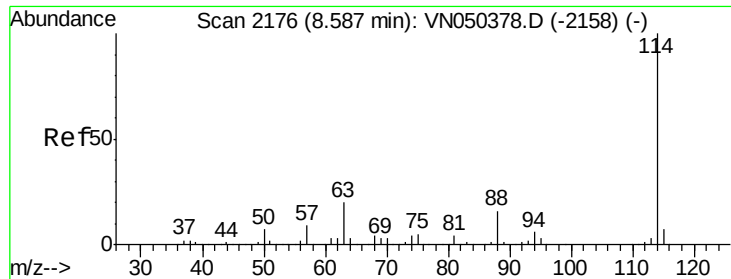
Tot Ion: 83 Resp: 27718
Ion Ratio Lower Upper
83 100
85 68.0 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 52.79 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. -0.00 min
Lab File: VN050421.D
Acq: 7 Aug 2018 7:35

Tgt Ion: 65 Resp: 456930
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.4



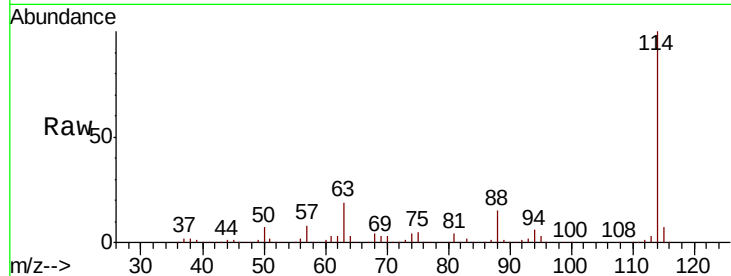


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050421.D
 Acq: 7 Aug 2018 7:35

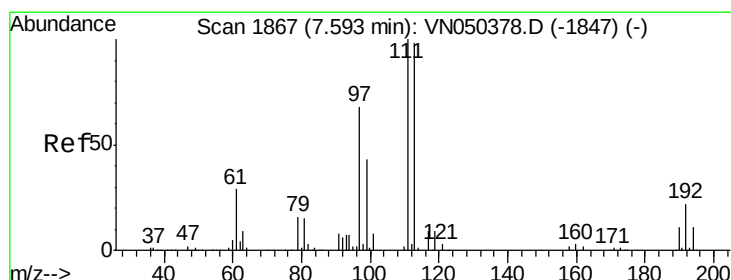
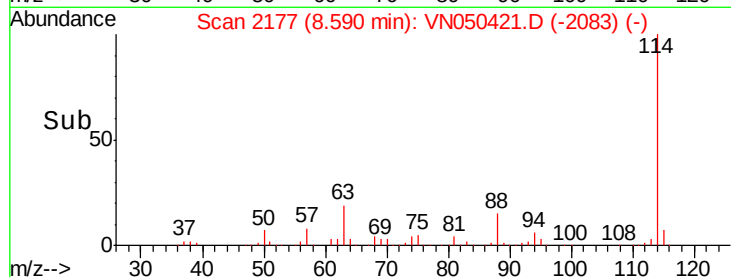
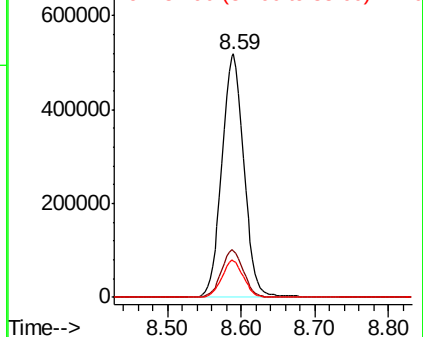
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-080318-A

Tot Ion:114 Resp: 1078482

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	15.1	0.0	31.2



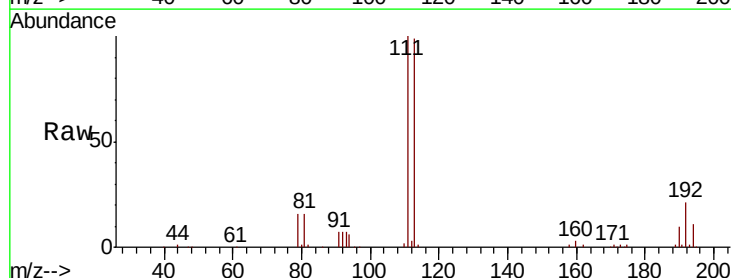
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



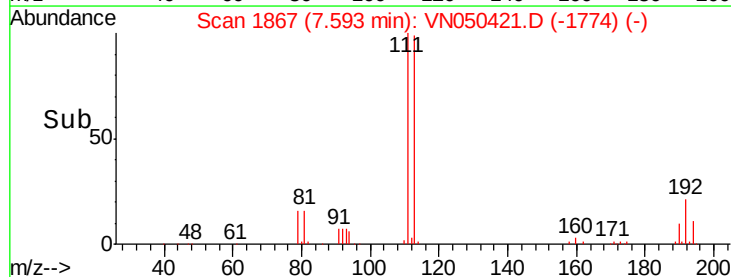
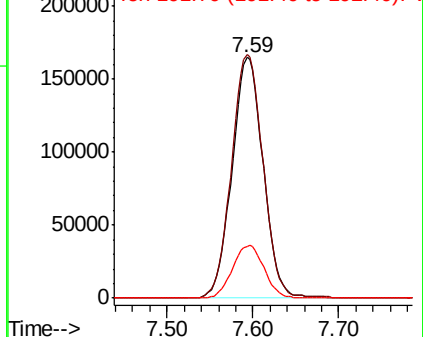
#35
 Dibromofluoromethane
 Concen: 47.95 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050421.D
 Acq: 7 Aug 2018 7:35

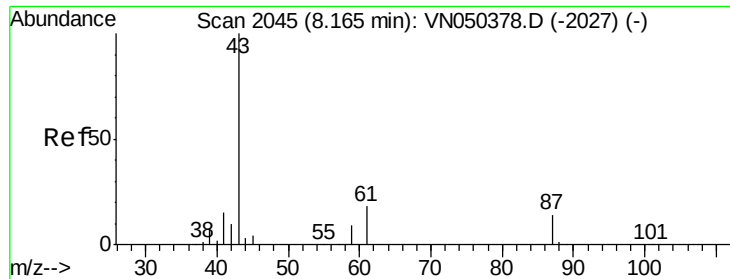
Tgt Ion:113 Resp: 414946

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.7	121.1
192	22.2	17.8	26.6



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





#43

Isopropyl Acetate

Concen: 17.13 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050421.D

Acq: 7 Aug 2018 7:35

Instrument :

MSVOA_N

ClientSampleId :

OR-02-080318-A

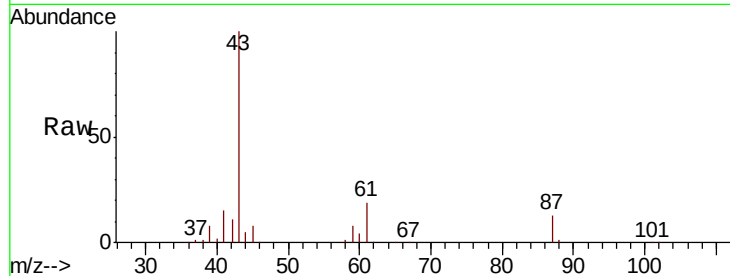
Tot Ion: 43 Resp: 252413

Ion Ratio Lower Upper

43 100

61 17.9 15.8 23.6

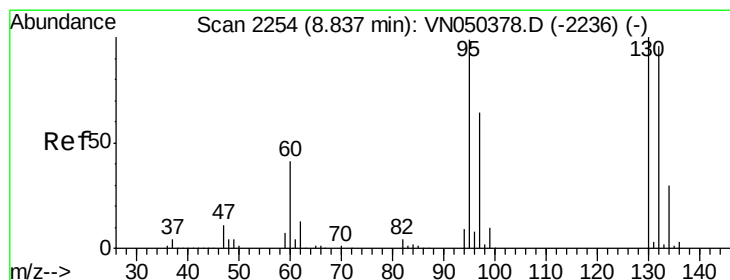
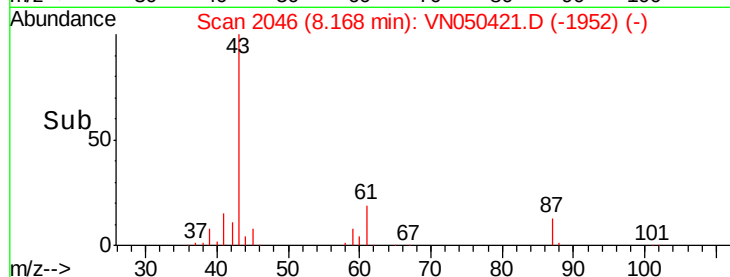
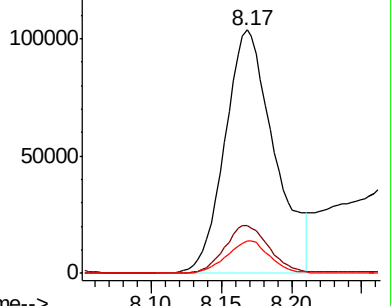
87 11.7 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050378.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050378.D (-2027) (-)



#44

Trichloroethene

Concen: 1.76 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN050421.D

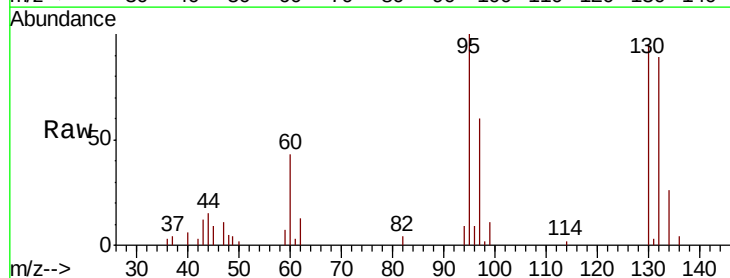
Acq: 7 Aug 2018 7:35

Tgt Ion:130 Resp: 17214

Ion Ratio Lower Upper

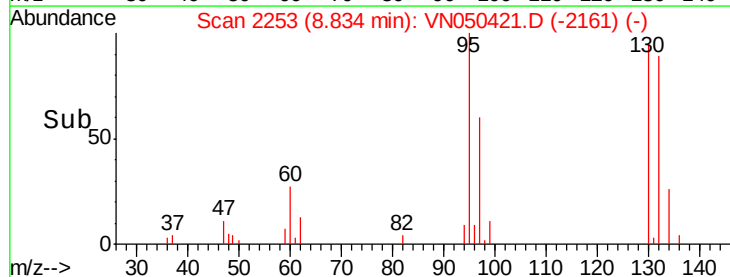
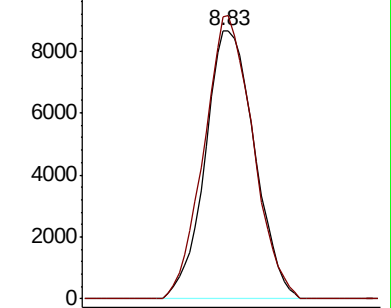
130 100

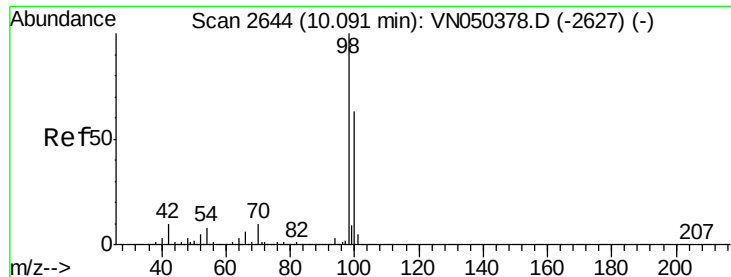
95 105.1 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): VN050378.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN050378.D (-2236) (-)

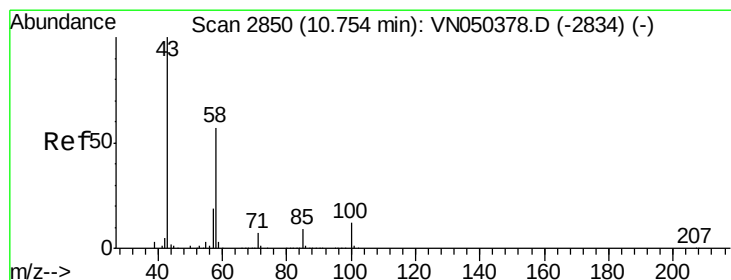
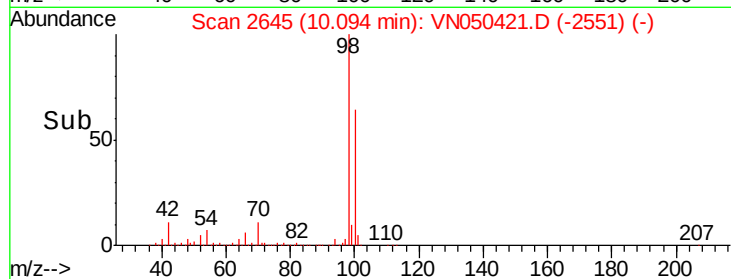
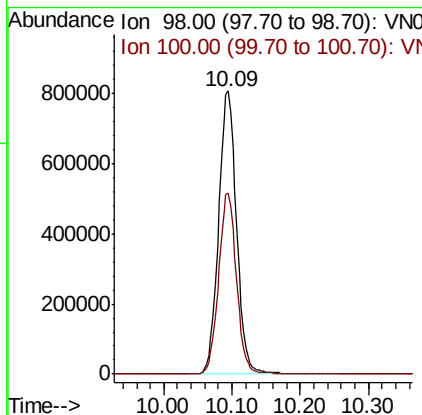
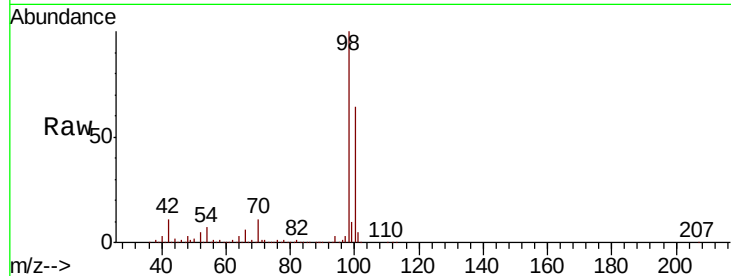




#50
Toluene-d8
Concen: 45.24 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050421.D
Acq: 7 Aug 2018 7:35

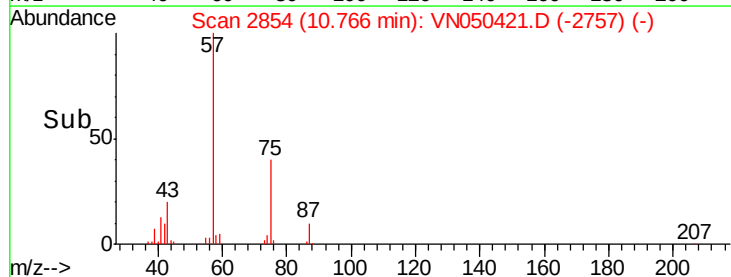
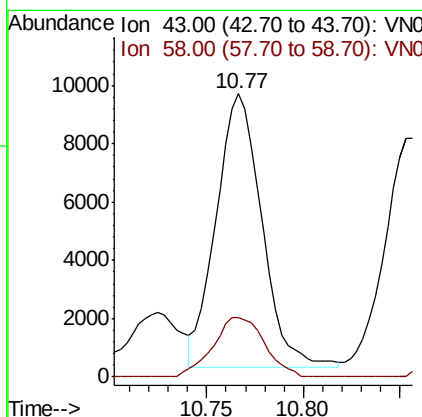
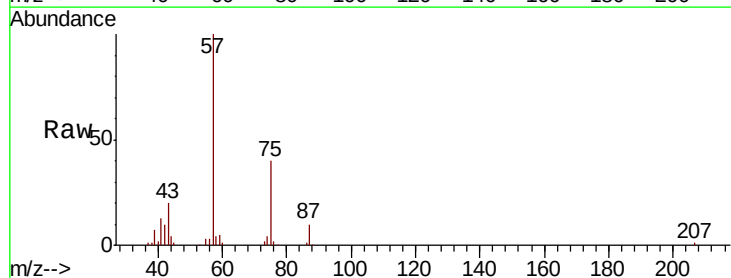
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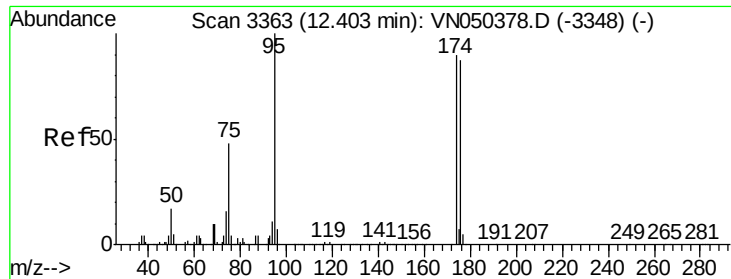
Tot Ion: 98 Resp: 1471933
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#59
2-Hexanone
Concen: 2.08 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050421.D
Acq: 7 Aug 2018 7:35

Tgt Ion: 43 Resp: 15393
Ion Ratio Lower Upper
43 100
58 24.7 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 39.27 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050421.D

Acq: 7 Aug 2018 7:35

Instrument :

MSVOA_N

ClientSampleId :

OR-02-080318-A

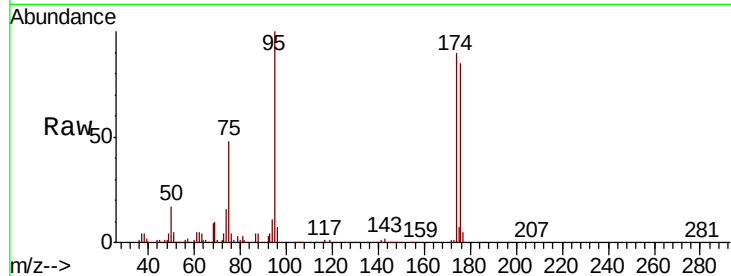
Tot Ion: 95 Resp: 435454

Ion Ratio Lower Upper

95 100

174 91.2 0.0 178.2

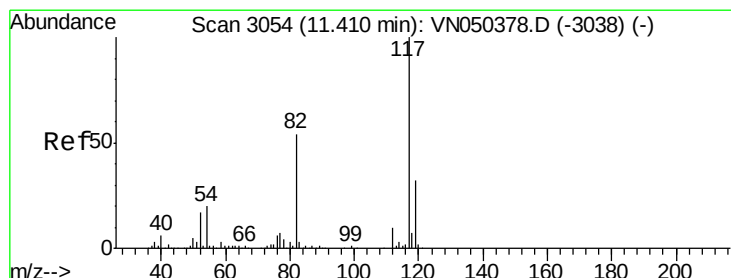
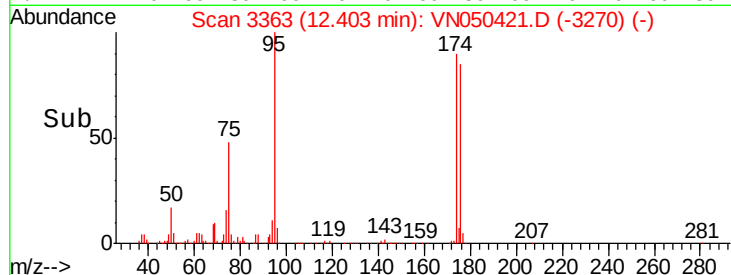
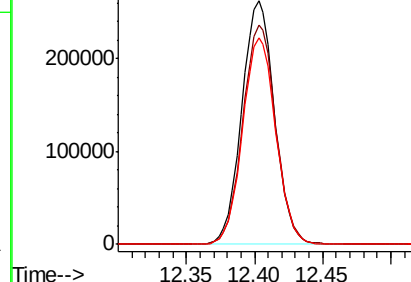
176 86.3 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050378.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050378.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050378.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050421.D

Acq: 7 Aug 2018 7:35

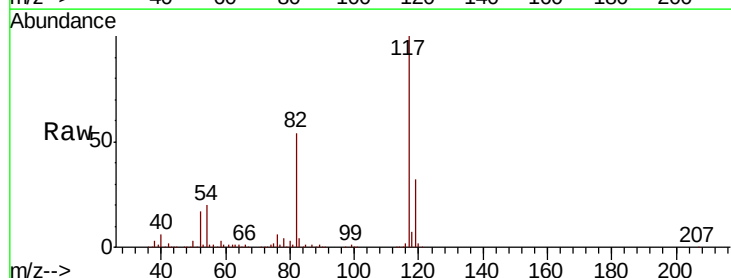
Tgt Ion: 117 Resp: 940194

Ion Ratio Lower Upper

117 100

82 53.6 43.7 65.5

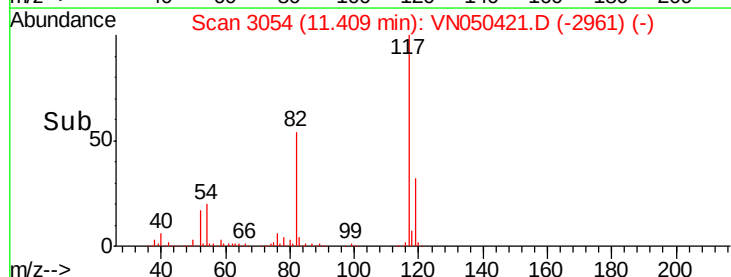
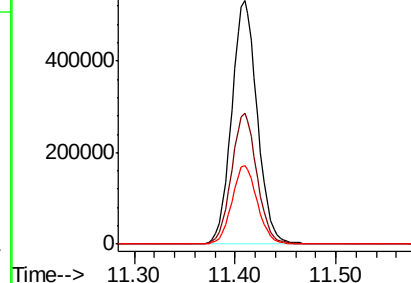
119 32.4 26.1 39.1

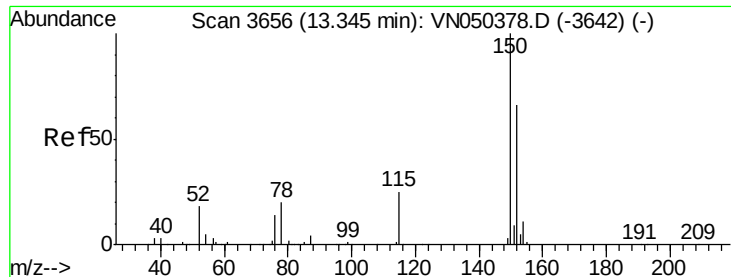


Abundance Ion 116.90 (116.60 to 117.60): VN050378.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050378.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050378.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050421.D

Acq: 7 Aug 2018 7:35

Instrument :

MSVOA_N

ClientSampleId :

OR-02-080318-A

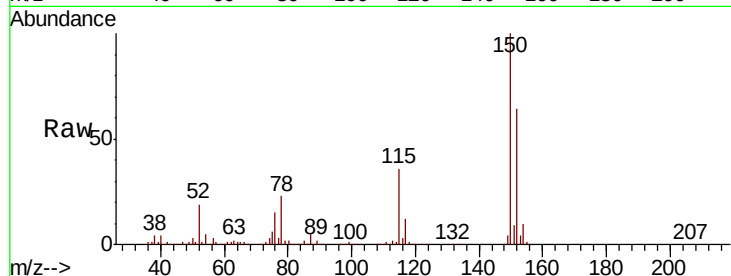
Tot Ion:152 Resp: 379438

Ion Ratio Lower Upper

152 100

115 57.3 27.8 83.3

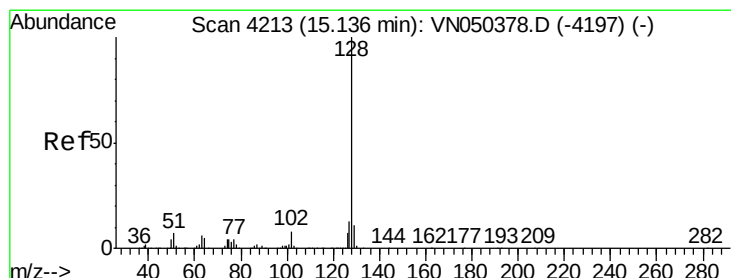
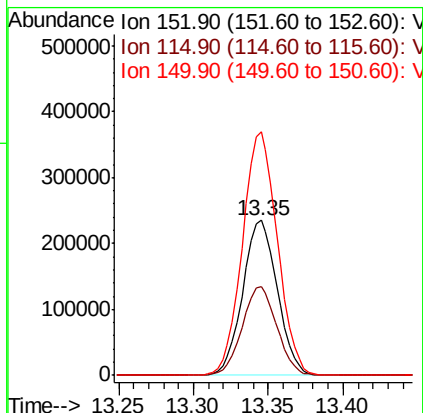
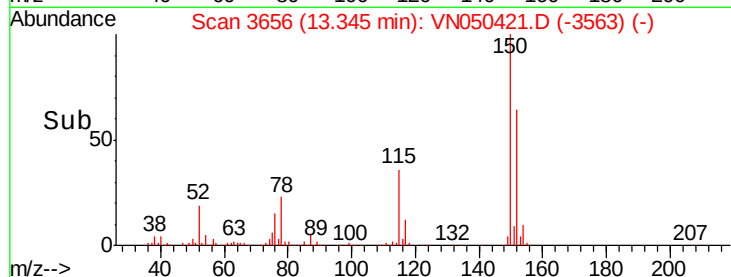
150 158.3 0.0 348.6



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



#95

Naphthalene

Concen: 38.57 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. -0.00 min

Lab File: VN050421.D

Acq: 7 Aug 2018 7:35

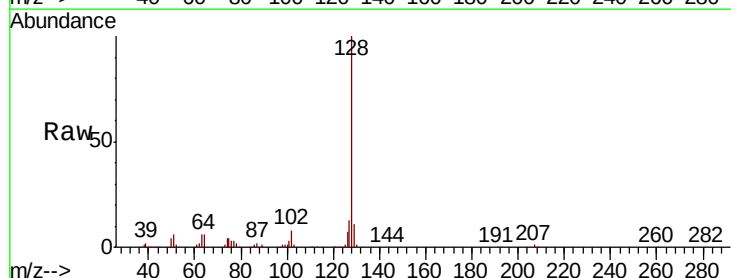
Tgt Ion:128 Resp: 692300

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 8.8 13.2



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

