

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050274.D
 Acq On : 2 Aug 2018 19:29
 Operator : MD\SY
 Sample : J4278-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-080118-A

Quant Time: Aug 03 01:49:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

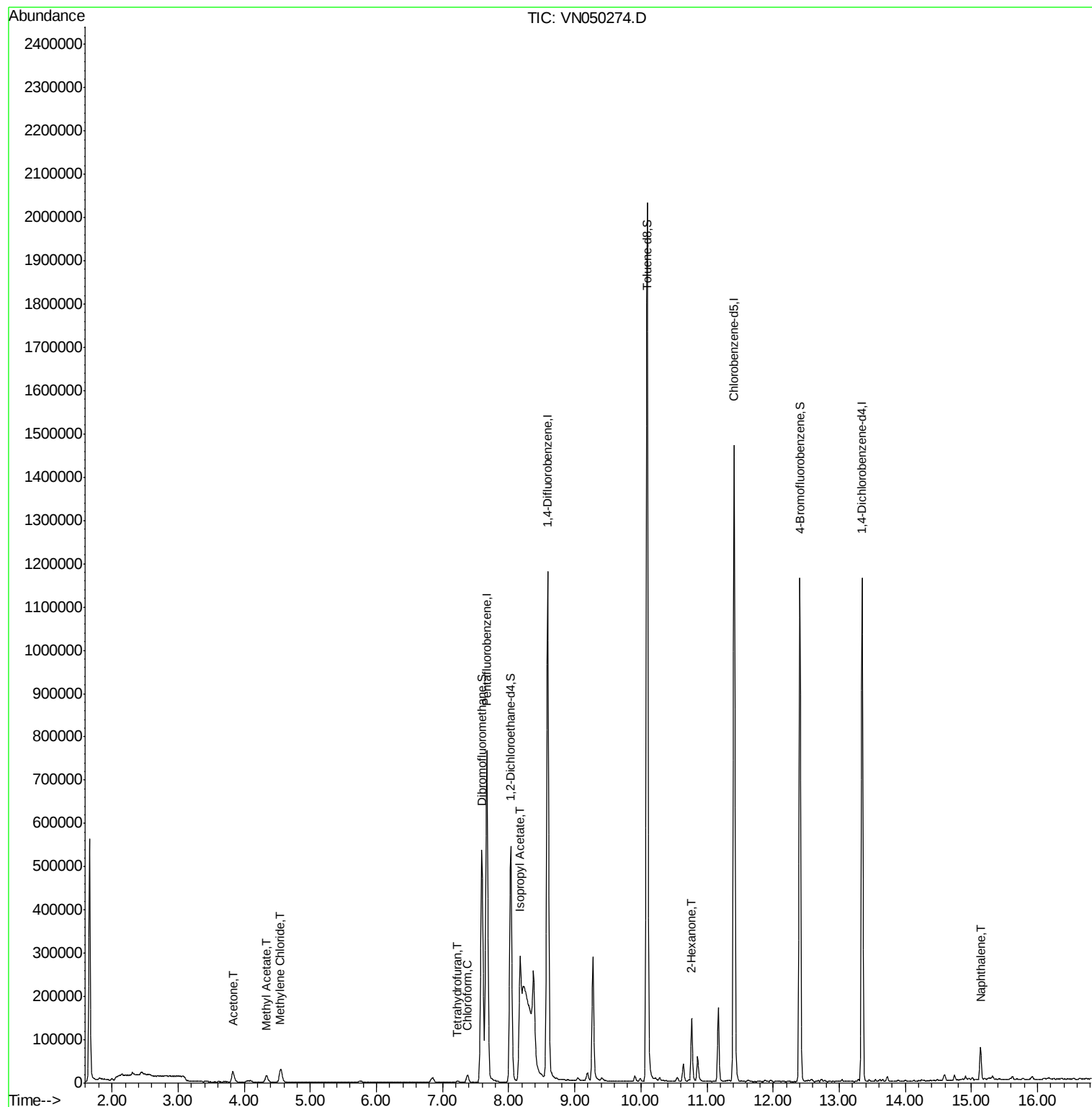
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	647001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1091035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	908556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	326342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	467867	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
35) Dibromofluoromethane	7.59	113	415132	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	10.09	98	1470257	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
62) 4-Bromofluorobenzene	12.40	95	393621	36.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.00%	
Target Compounds						
					Qvalue	
16) Acetone	3.83	43	44787	17.016	ug/l	100
18) Methyl Acetate	4.34	43	28604	1.891	ug/l	98
20) Methylene Chloride	4.55	84	22993	1.660	ug/l	97
29) Tetrahydrofuran	7.22	42	2293	1.031	ug/l #	69
30) Chloroform	7.37	83	18374	1.201	ug/l	95
43) Isopropyl Acetate	8.17	43	346877	20.813	ug/l #	93
59) 2-Hexanone	10.77	43	21546	8.583	ug/l #	61
95) Naphthalene	15.14	128	65217	8.405	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050274.D

Acq: 2 Aug 2018 19:29

Instrument :

MSVOA_N

ClientSampleId :

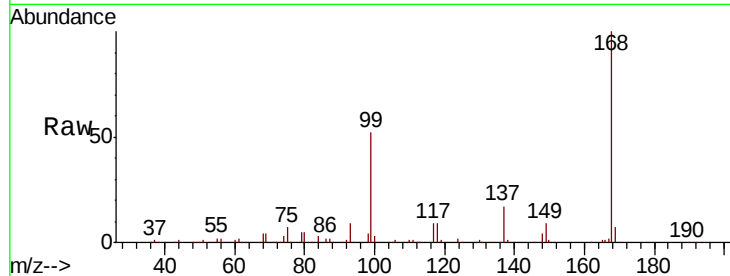
EO-03-080118-A

Tot Ion:168 Resp: 647001

Ion Ratio Lower Upper

168 100

99 51.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

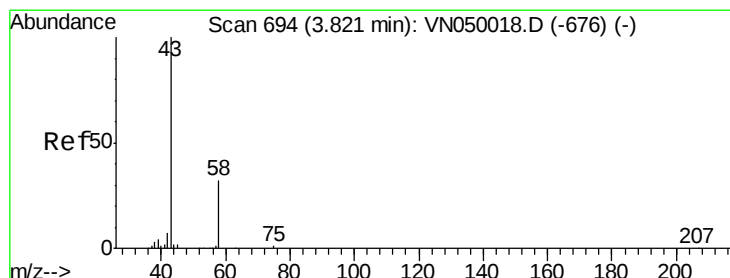
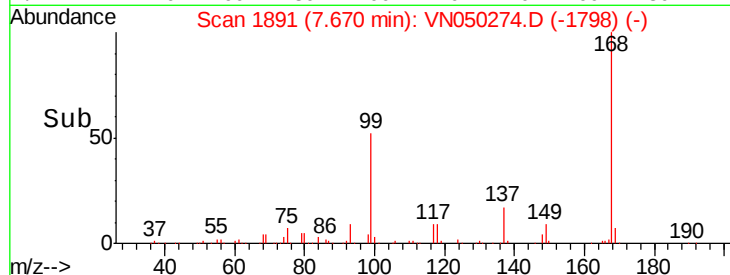
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.016 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050274.D

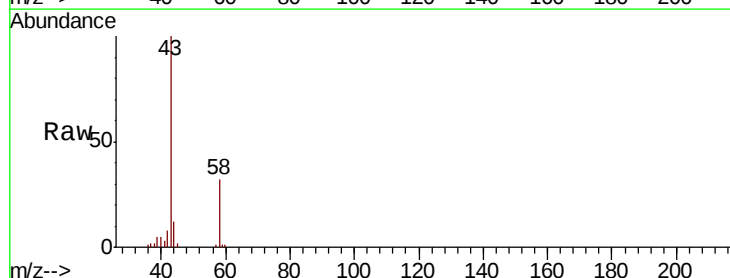
Acq: 2 Aug 2018 19:29

Tgt Ion: 43 Resp: 44787

Ion Ratio Lower Upper

43 100

58 32.2 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.83

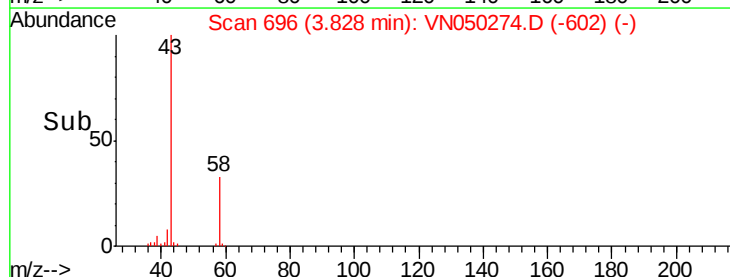
15000

10000

5000

0

Time-->

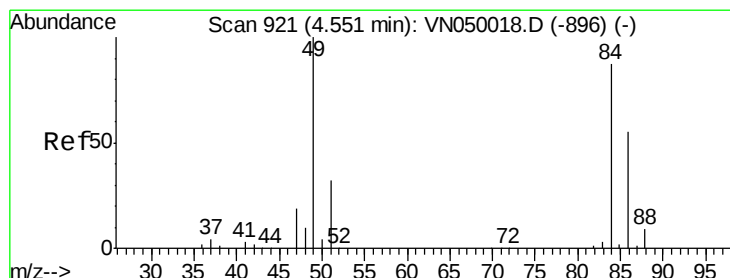
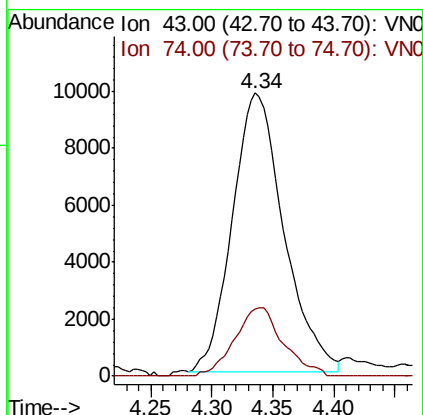
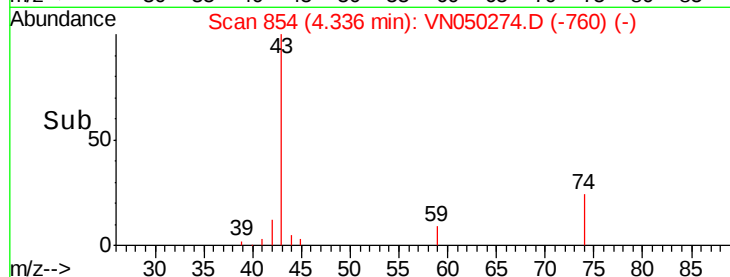
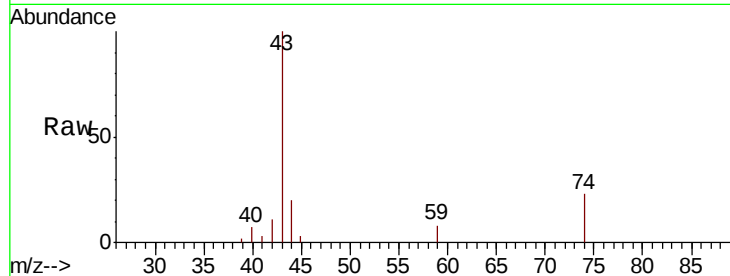




#18
Methyl Acetate
Concen: 1.891 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050274.D
Acq: 2 Aug 2018 19:29

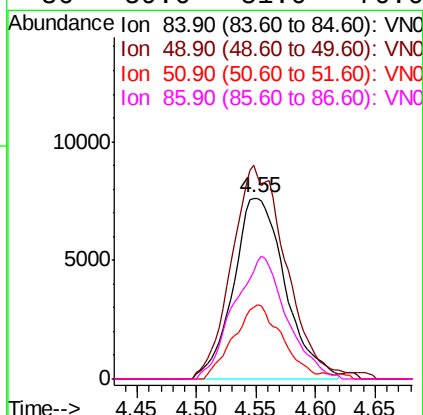
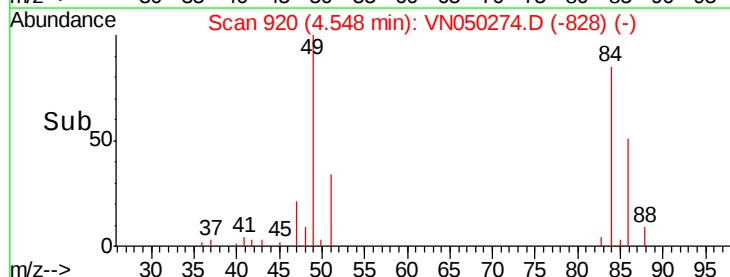
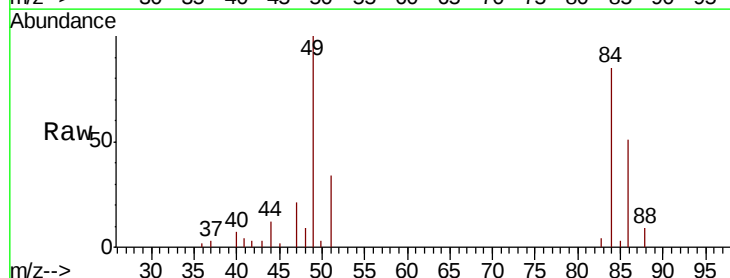
Instrument :
MSVOA_N
ClientSampled :
EO-03-080118-A

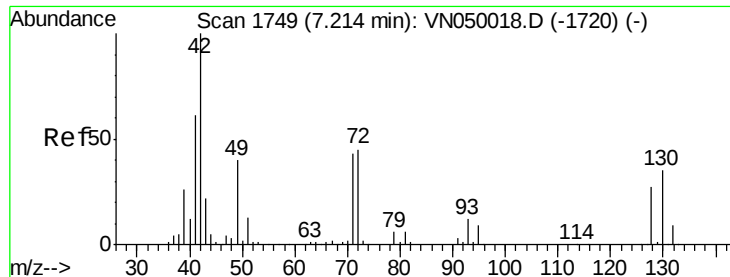
Tot Ion: 43 Resp: 28604
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8



#20
Methylene Chloride
Concen: 1.660 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050274.D
Acq: 2 Aug 2018 19:29

Tgt Ion: 84 Resp: 22993
Ion Ratio Lower Upper
84 100
49 118.1 94.8 142.2
51 39.8 28.3 42.5
86 59.6 51.0 76.6





#29

Tetrahydrofuran

Concen: 1.031 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VN050274.D

Acq: 2 Aug 2018 19:29

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-A

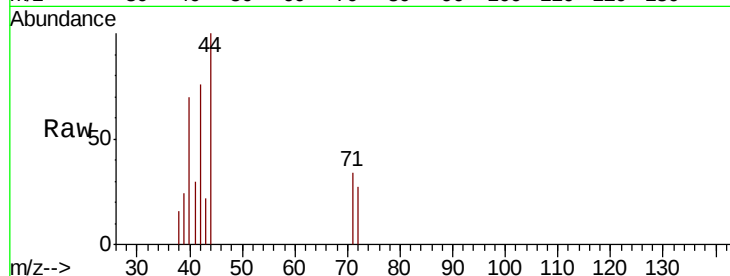
Tot Ion: 42 Resp: 2293

Ion Ratio Lower Upper

42 100

72 18.0 35.9 53.9#

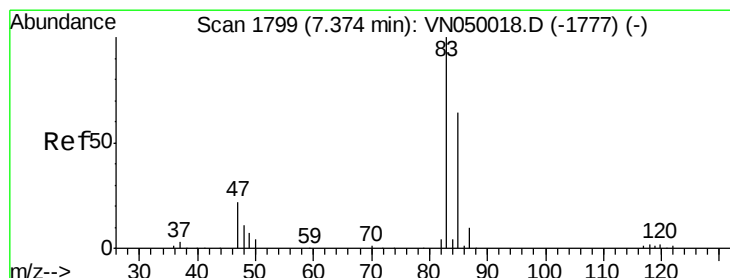
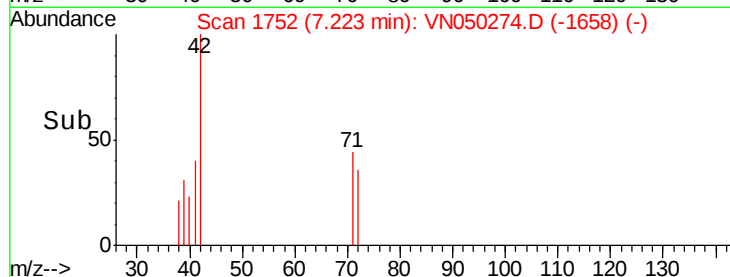
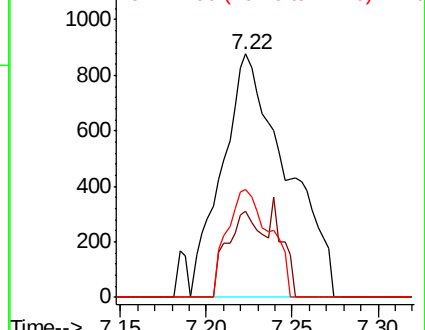
71 29.6 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 1.201 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050274.D

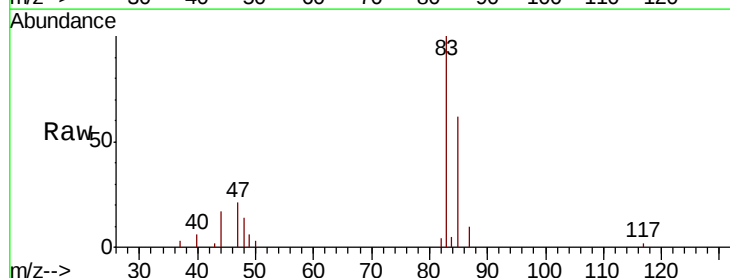
Acq: 2 Aug 2018 19:29

Tgt Ion: 83 Resp: 18374

Ion Ratio Lower Upper

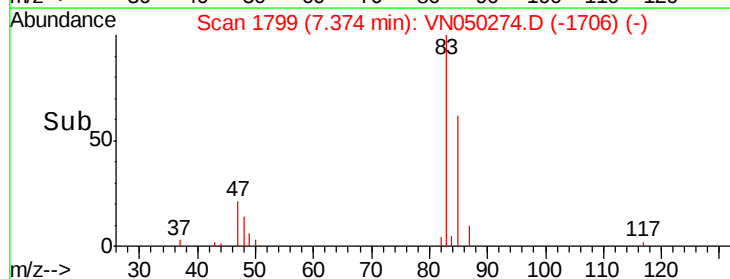
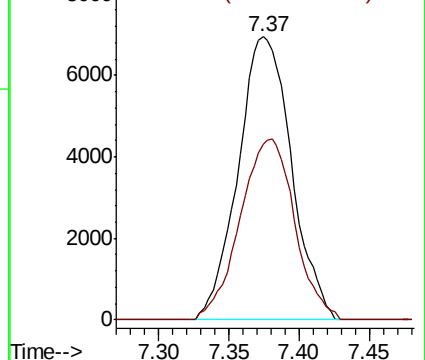
83 100

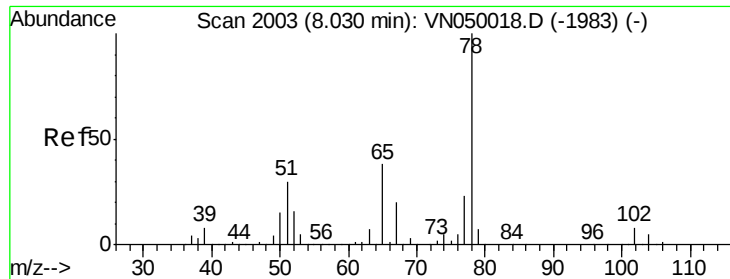
85 61.9 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.829 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050274.D

Acq: 2 Aug 2018 19:29

Instrument :

MSVOA_N

ClientSampleId :

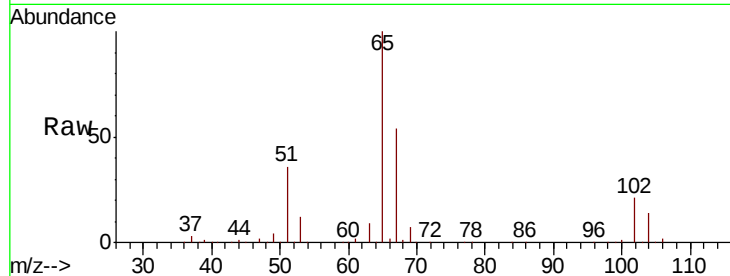
EO-03-080118-A

Tot Ion: 65 Resp: 467867

Ion Ratio Lower Upper

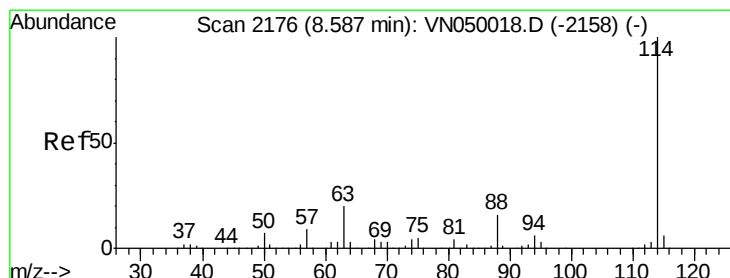
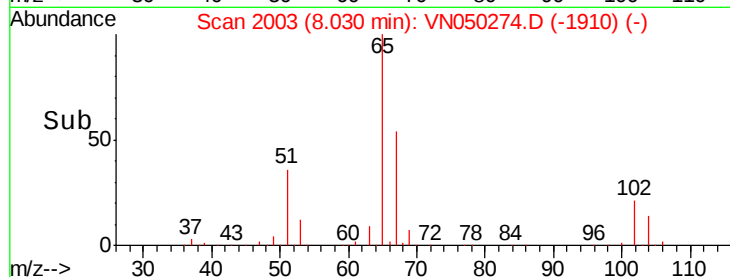
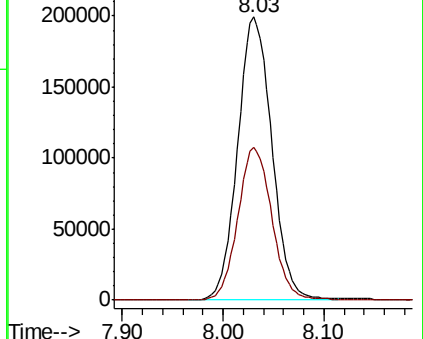
65 100

67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050274.D

Acq: 2 Aug 2018 19:29

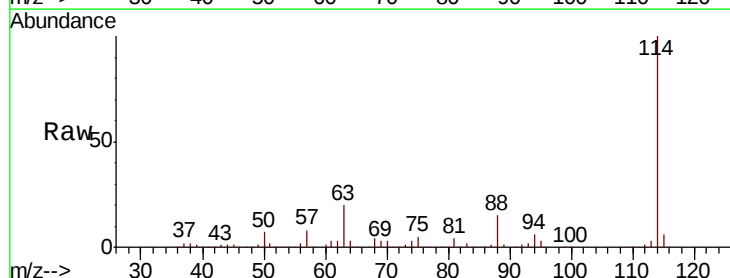
Tgt Ion: 114 Resp: 1091035

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

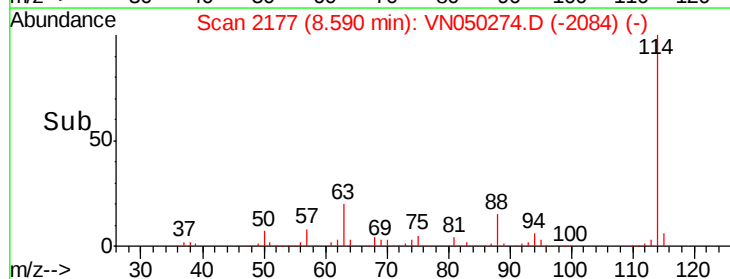
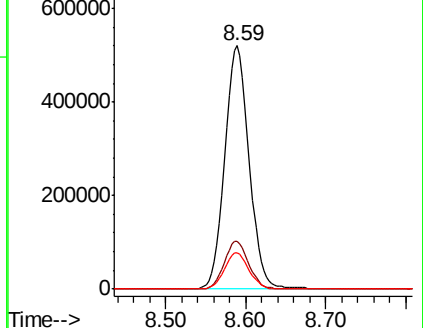
88 15.0 0.0 31.2

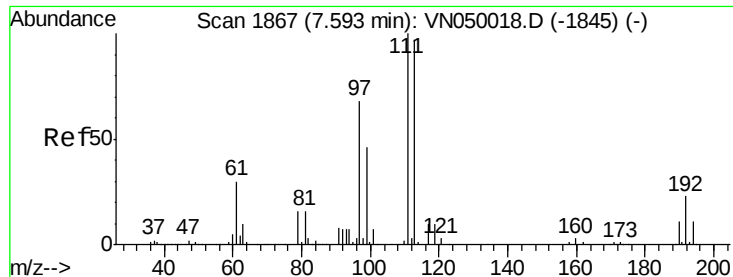


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

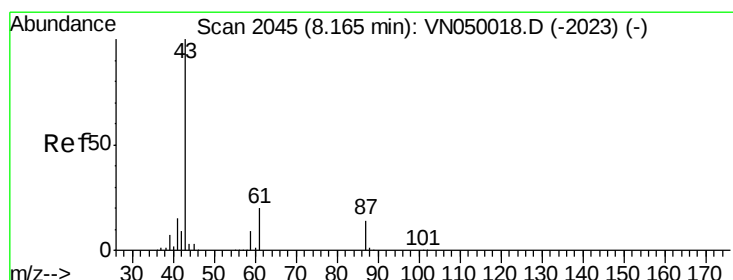
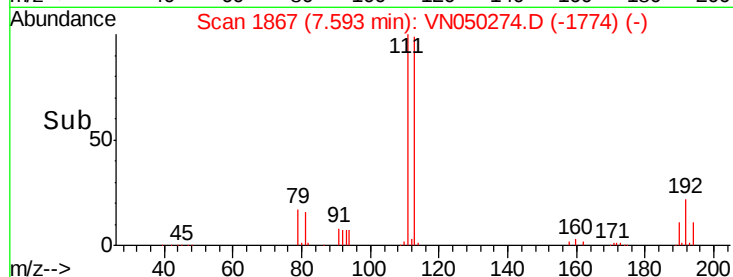
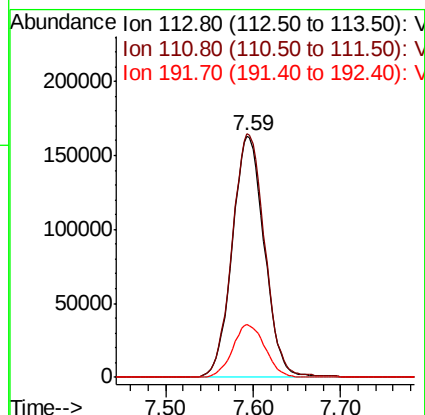
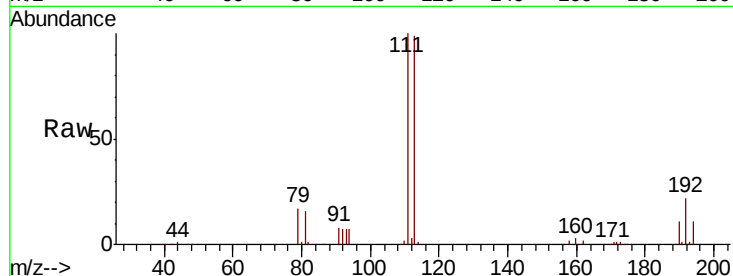




#35
Dibromofluoromethane
Concen: 46.602 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050274.D
Acq: 2 Aug 2018 19:29

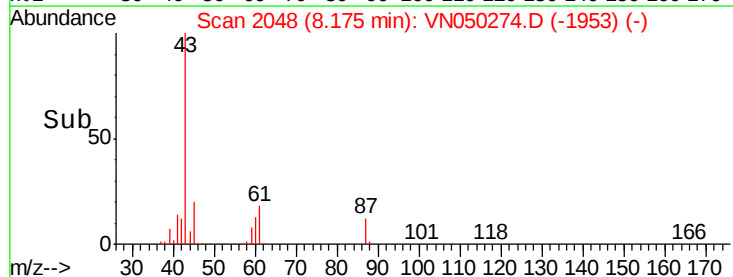
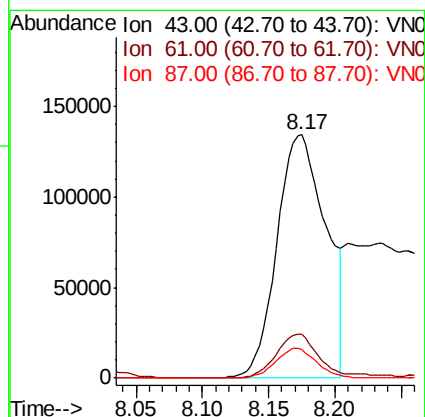
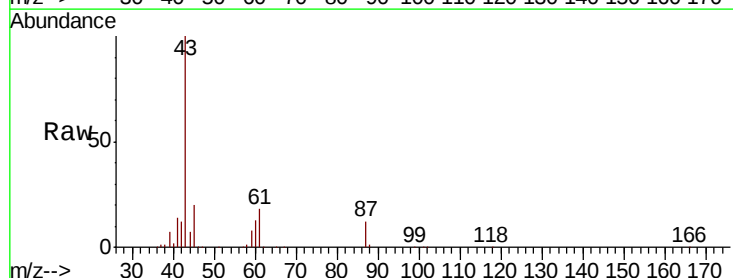
Instrument :
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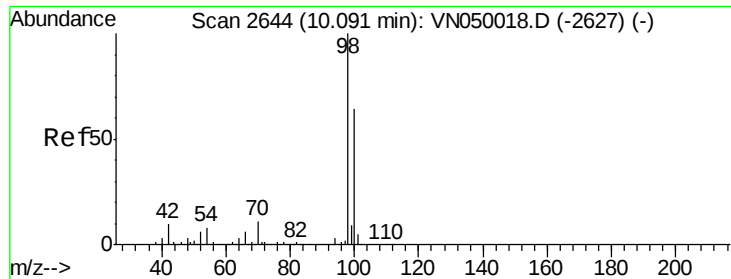
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.7	121.1
192	22.2	17.8	26.6



#43
Isopropyl Acetate
Concen: 20.813 ug/l
RT: 8.17 min Scan# 2048
Delta R.T. 0.01 min
Lab File: VN050274.D
Acq: 2 Aug 2018 19:29

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.5	15.8	23.6
87	10.3	10.3	15.5#





#50

Toluene-d8

Concen: 44.894 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050274.D

Acq: 2 Aug 2018 19:29

Instrument :

MSVOA_N

ClientSampled :

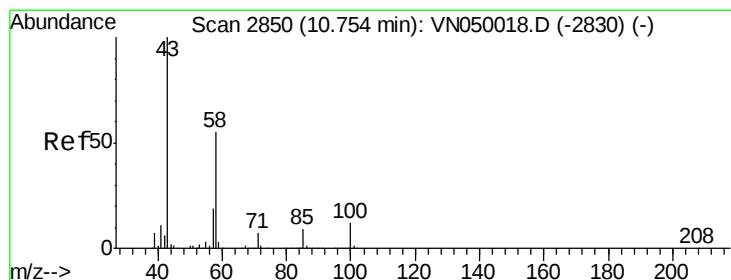
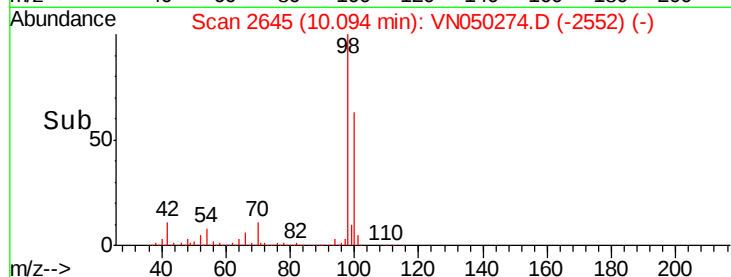
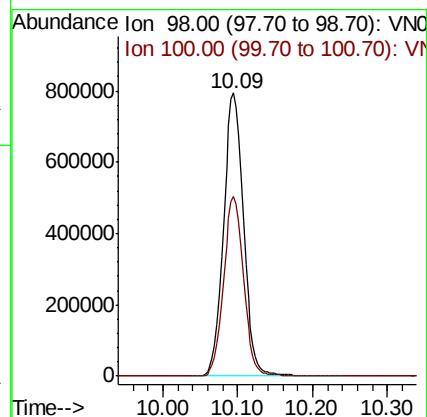
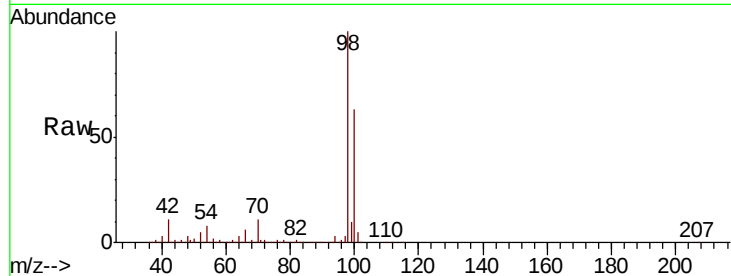
EO-03-080118-A

Tot Ion: 98 Resp: 1470257

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



#59

2-Hexanone

Concen: 8.583 ug/l

RT: 10.77 min Scan# 2855

Delta R.T. 0.02 min

Lab File: VN050274.D

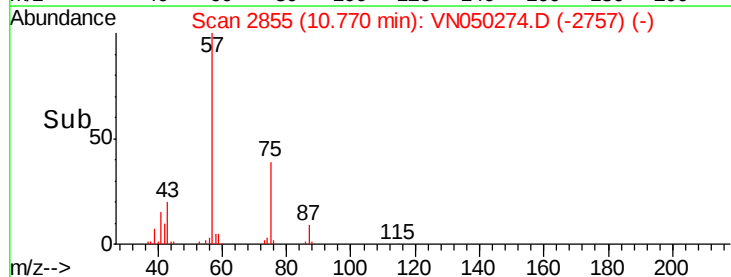
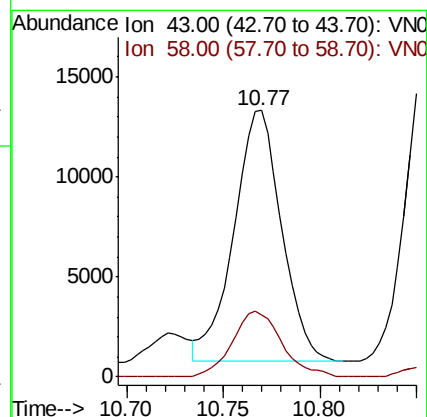
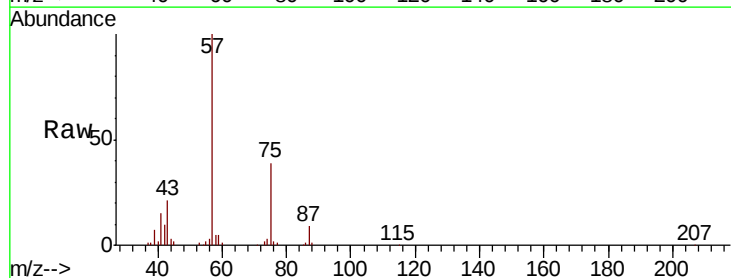
Acq: 2 Aug 2018 19:29

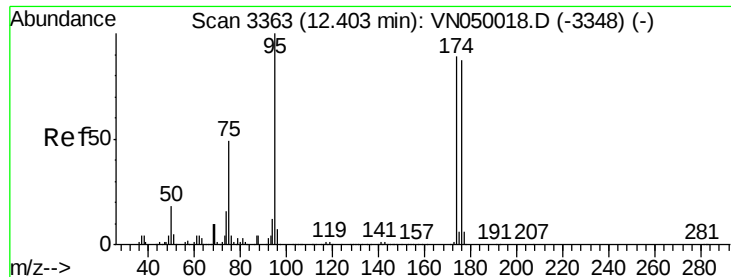
Tgt Ion: 43 Resp: 21546

Ion Ratio Lower Upper

43 100

58 27.1 27.6 82.7#

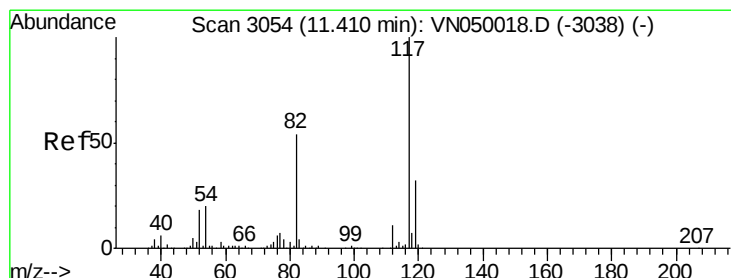
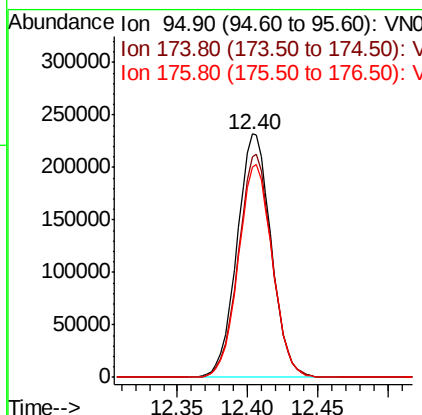
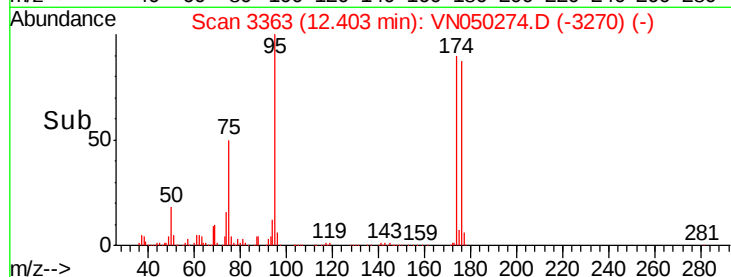
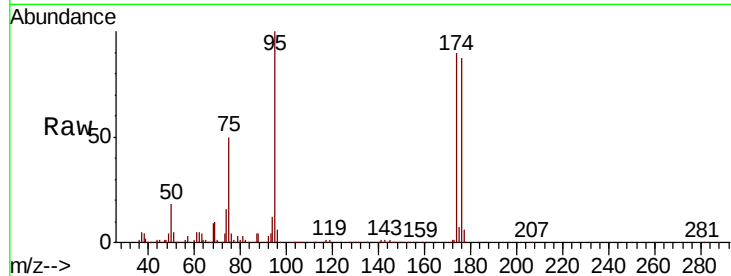




#62
4-Bromofluorobenzene
Concen: 36.502 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050274.D
Acq: 2 Aug 2018 19:29

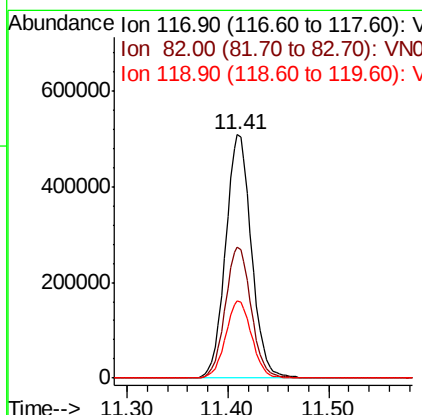
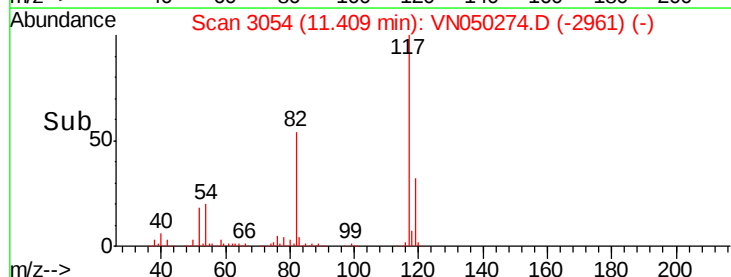
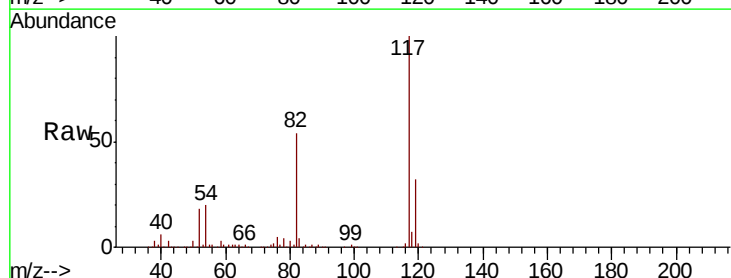
Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-A

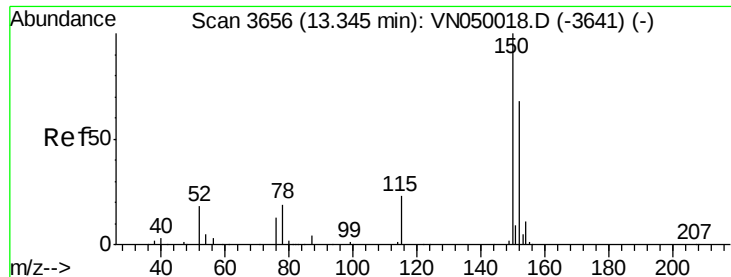
Tot Ion: 95 Resp: 393621
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.2
176 87.2 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050274.D
Acq: 2 Aug 2018 19:29

Tgt Ion: 117 Resp: 908556
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 31.9 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN050274.D

Acq: 2 Aug 2018 19:29

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-A

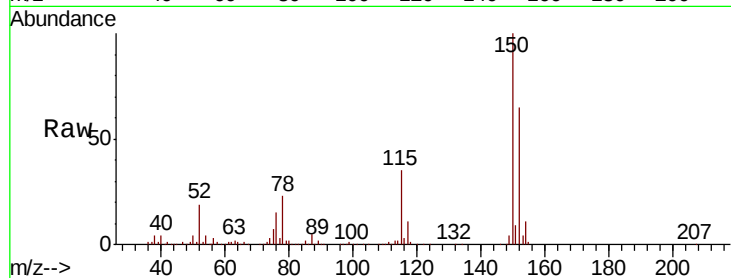
Tot Ion:152 Resp: 326342

Ion Ratio Lower Upper

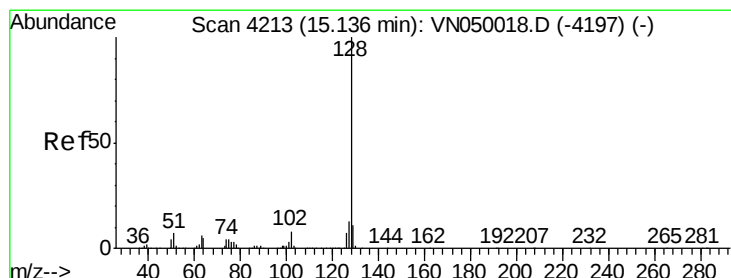
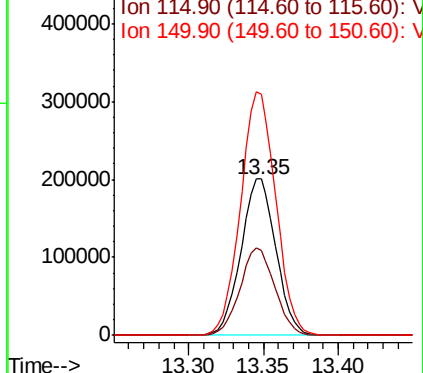
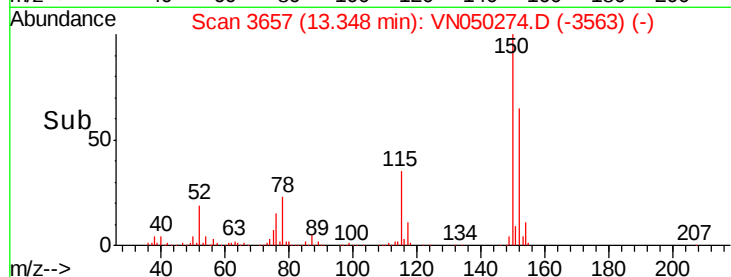
152 100

115 55.5 27.8 83.3

150 156.7 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: 8.405 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050274.D

Acq: 2 Aug 2018 19:29

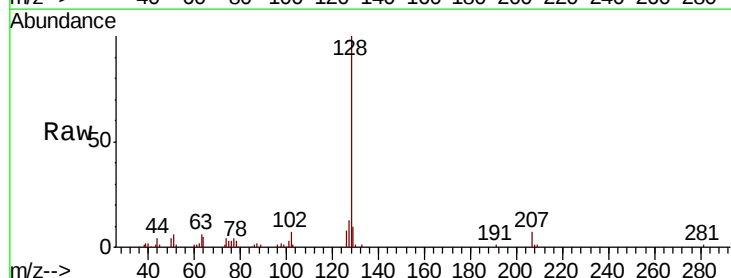
Tgt Ion:128 Resp: 65217

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.4 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

