

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050832.D
 Acq On : 22 Aug 2018 20:23
 Operator : MD\SY
 Sample : J4278-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-082118-B

Quant Time: Aug 23 03:33:20 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	683465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1127126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	951094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	370230	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	438934	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
35) Dibromofluoromethane	7.59	113	413519	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
50) Toluene-d8	10.09	98	1522262	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
62) 4-Bromofluorobenzene	12.40	95	434507	39.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.00%	

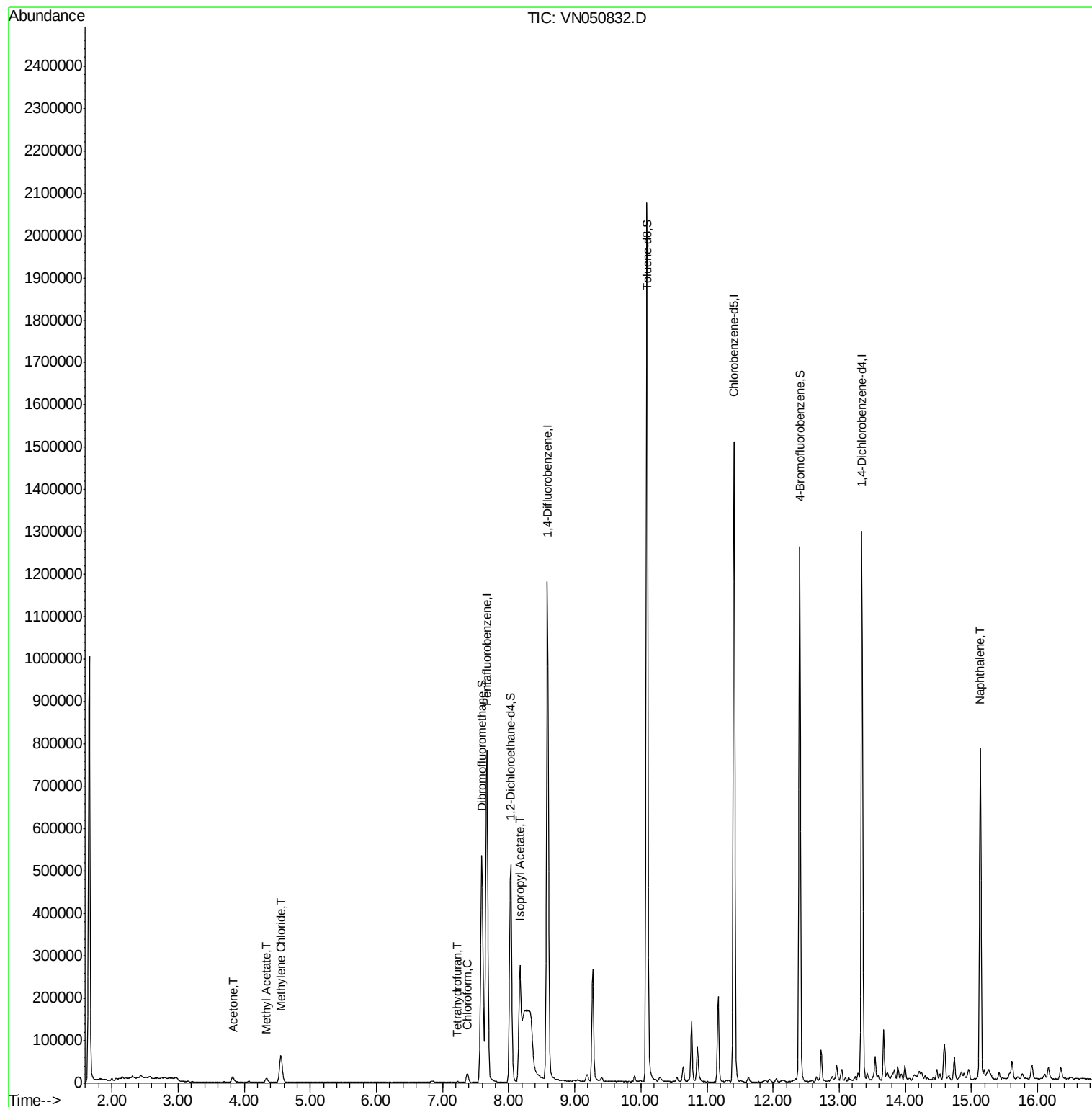
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	21632	4.16	ug/l	99
18) Methyl Acetate	4.34	43	17602	2.27	ug/l	98
20) Methylene Chloride	4.55	84	49826	5.37	ug/l	97
29) Tetrahydrofuran	7.22	42	2241	1.18	ug/l #	75
30) Chloroform	7.38	83	23098	1.52	ug/l	97
43) Isopropyl Acetate	8.17	43	366778	27.92	ug/l #	90
95) Naphthalene	15.14	128	684880	46.70	ug/l	100

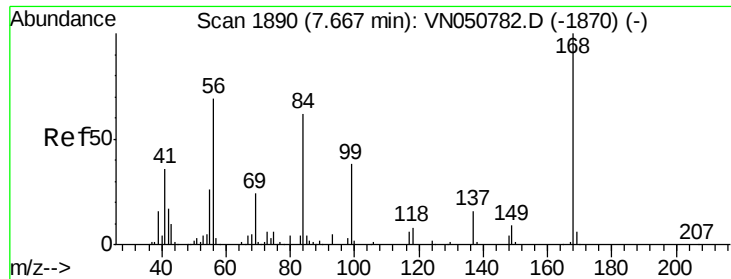
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EO-01-082118-B

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 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: VN050832.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampleId :

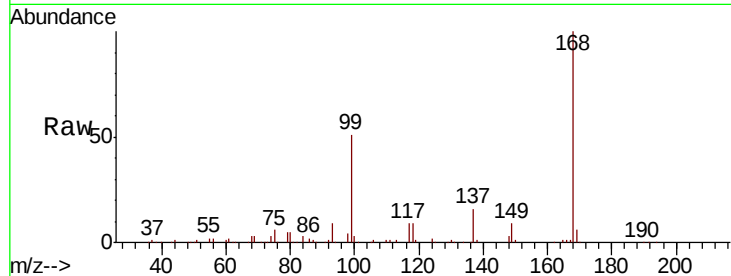
EO-01-082118-B

Tot Ion:168 Resp: 683465

Ion Ratio Lower Upper

168 100

99 50.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

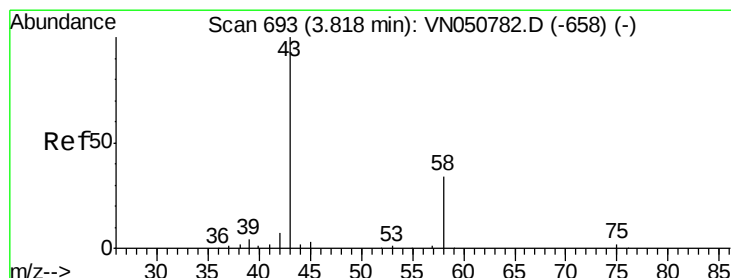
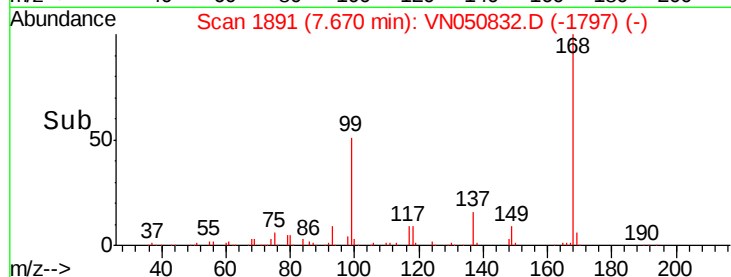
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.16 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050832.D

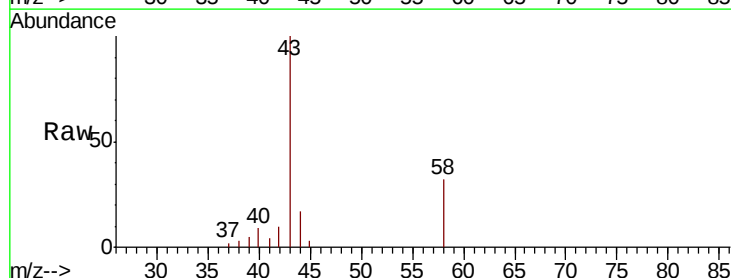
Acq: 22 Aug 2018 20:23

Tgt Ion: 43 Resp: 21632

Ion Ratio Lower Upper

43 100

58 33.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

10000

8000

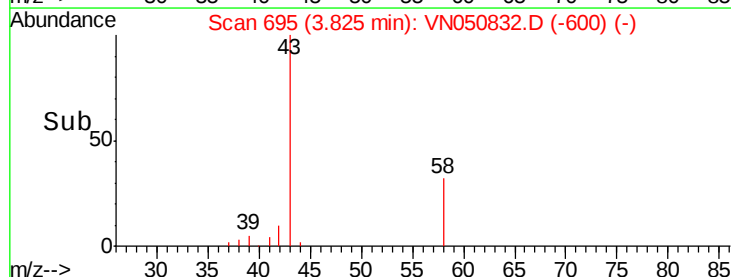
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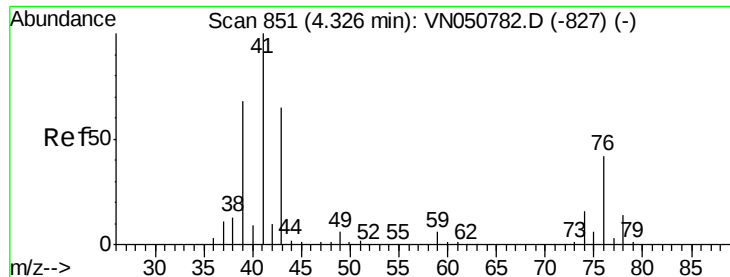
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2000

0

Time-->

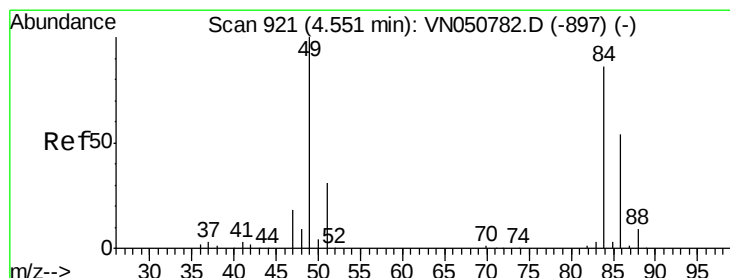
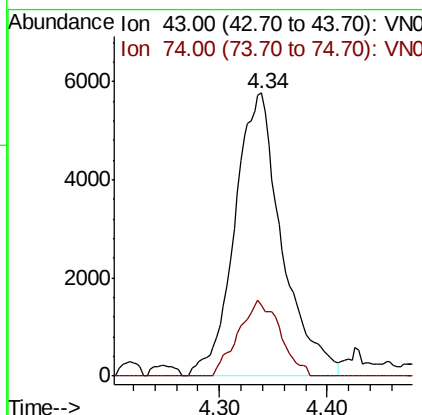
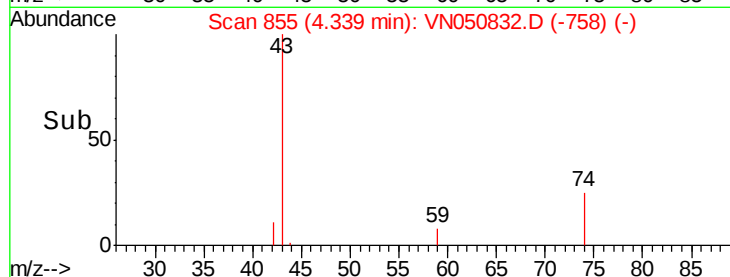
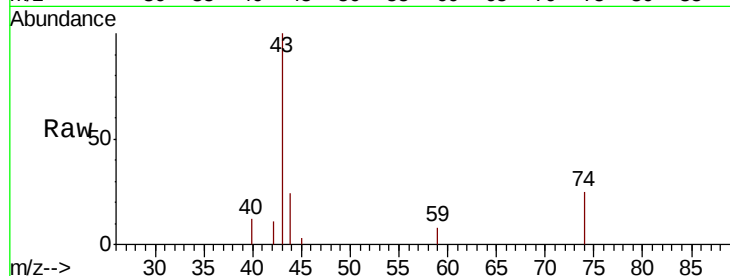




#18
Methyl Acetate
Concen: 2.27 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050832.D
Acq: 22 Aug 2018 20:23

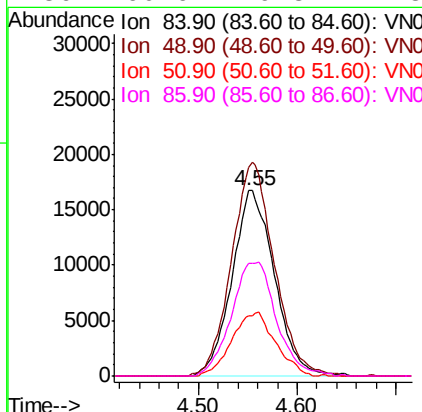
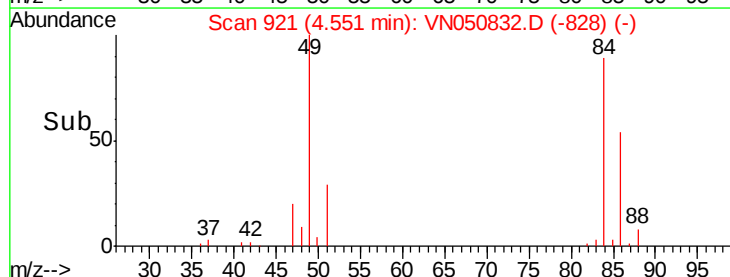
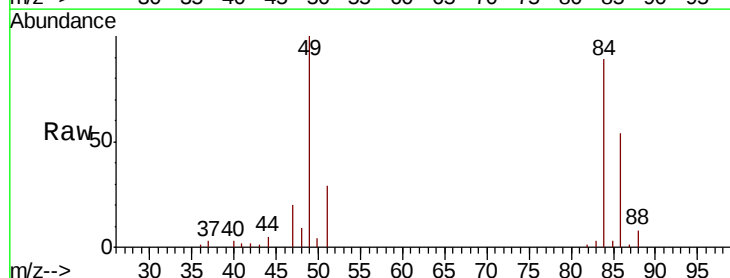
Instrument :
MSVOA_N
ClientSampleId :
EO-01-082118-B

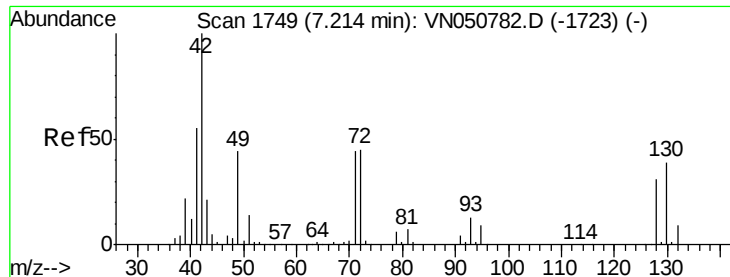
Tot Ion: 43 Resp: 17602
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.8



#20
Methylene Chloride
Concen: 5.37 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN050832.D
Acq: 22 Aug 2018 20:23

Tgt Ion: 84 Resp: 49826
Ion Ratio Lower Upper
84 100
49 112.9 93.2 139.8
51 32.7 29.0 43.6
86 60.6 49.8 74.8





#29

Tetrahydrofuran

Concen: 1.18 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampleId :

EO-01-082118-B

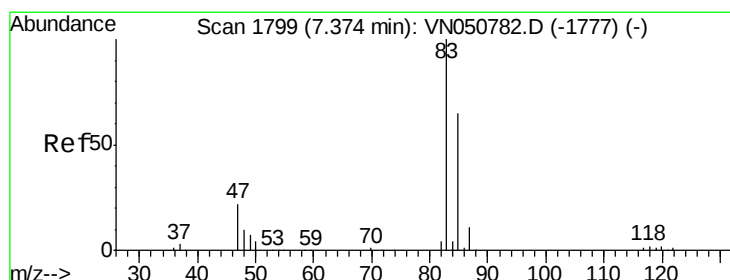
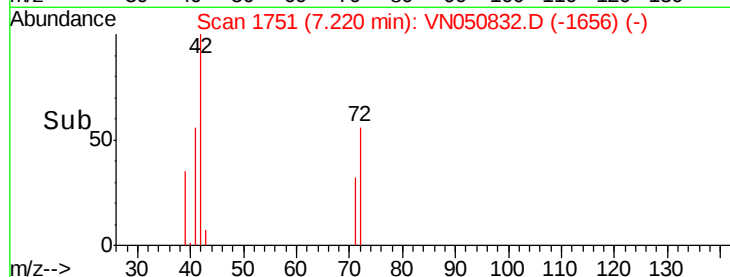
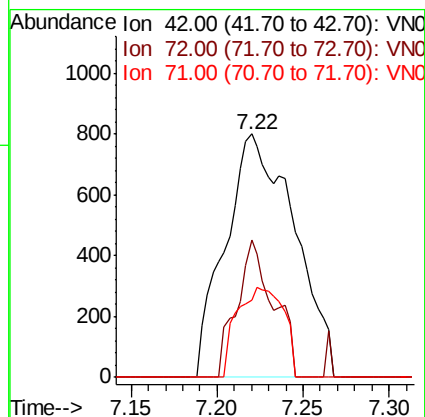
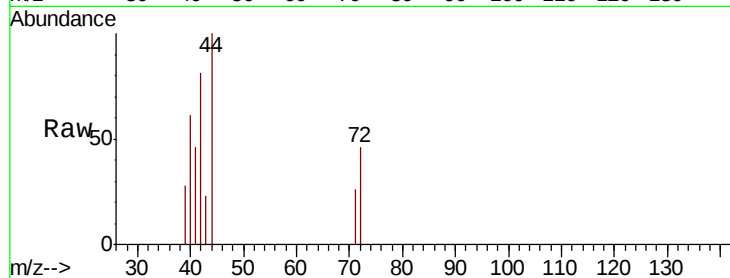
Tot Ion: 42 Resp: 2241

Ion Ratio Lower Upper

42 100

72 29.9 35.5 53.3#

71 24.9 33.7 50.5#



#30

Chloroform

Concen: 1.52 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050832.D

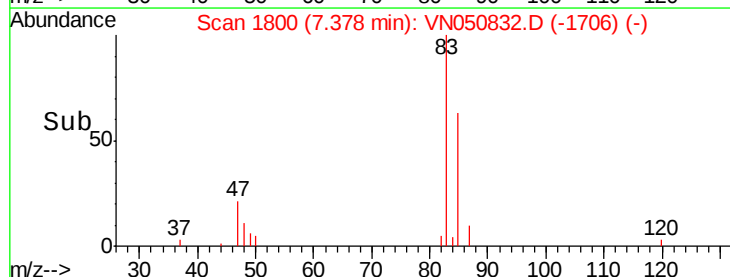
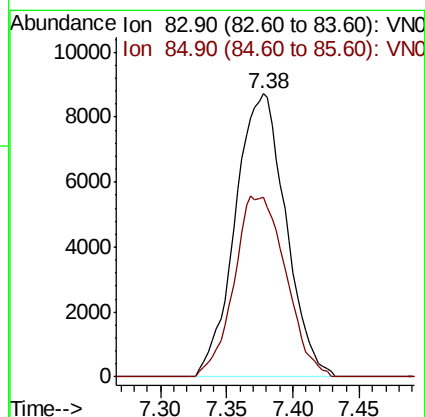
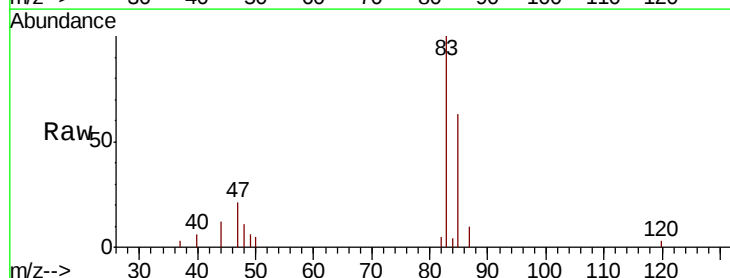
Acq: 22 Aug 2018 20:23

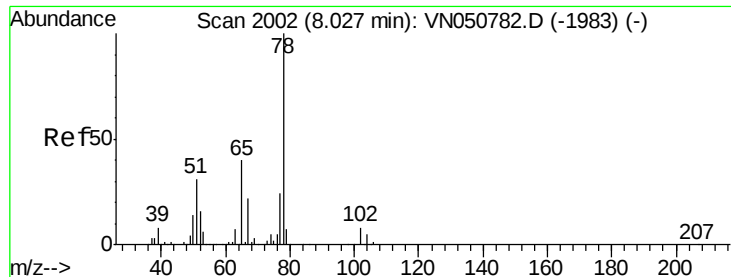
Tgt Ion: 83 Resp: 23098

Ion Ratio Lower Upper

83 100

85 63.3 52.2 78.4

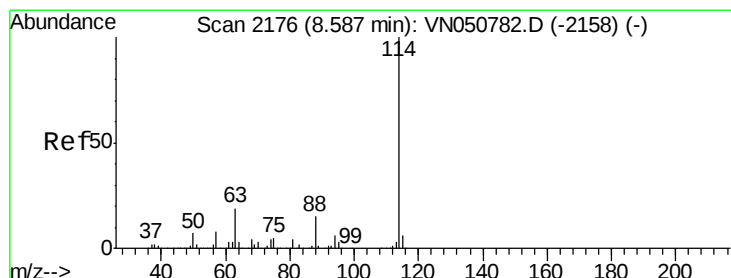
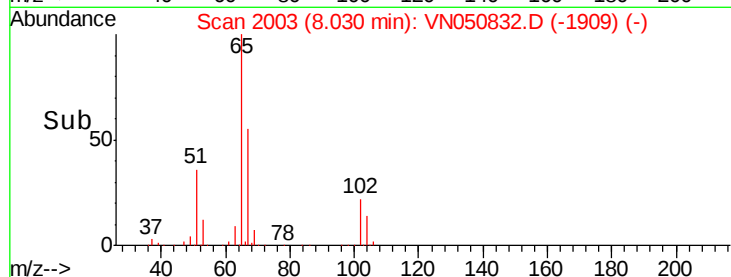
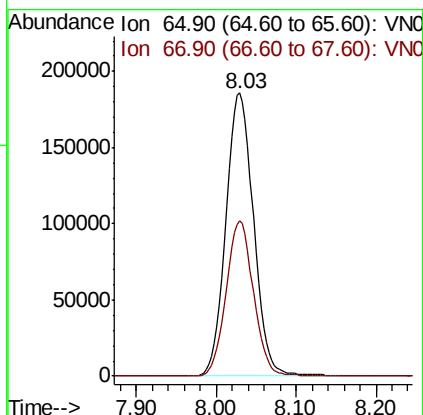
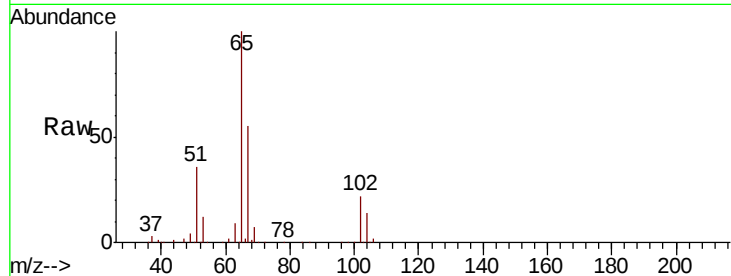




#33
 1,2-Dichloroethane-d4
 Concen: 53.35 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050832.D
 Acq: 22 Aug 2018 20:23

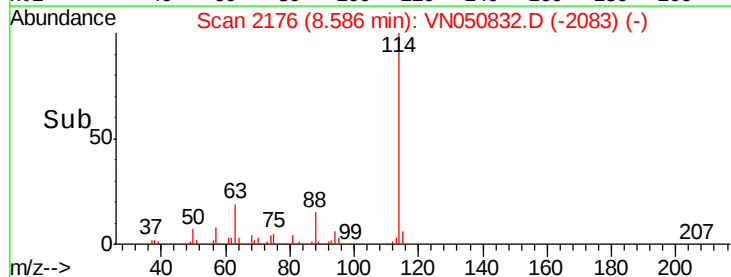
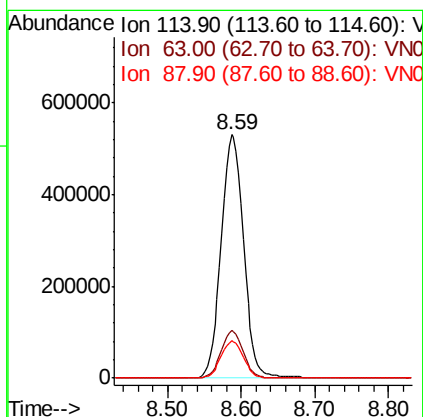
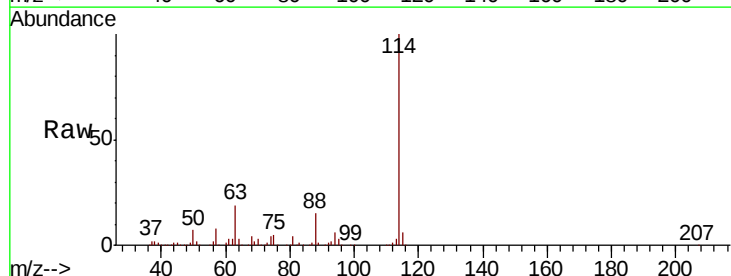
Instrument :
 MSVOA_N
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 EO-01-082118-B

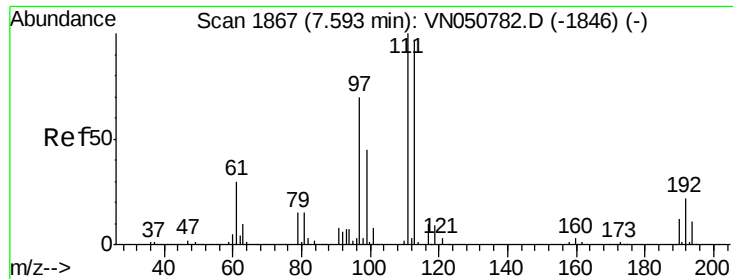
Tot Ion: 65 Resp: 438934
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050832.D
 Acq: 22 Aug 2018 20:23

Tgt Ion: 114 Resp: 1127126
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.2 0.0 30.6

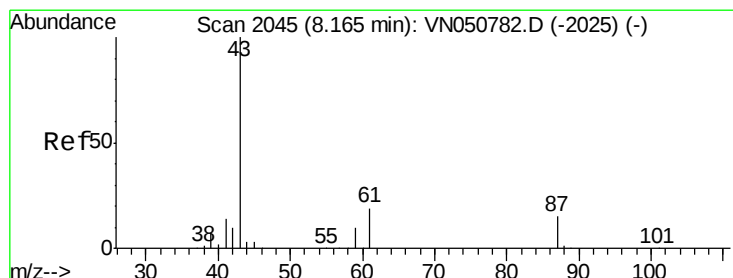
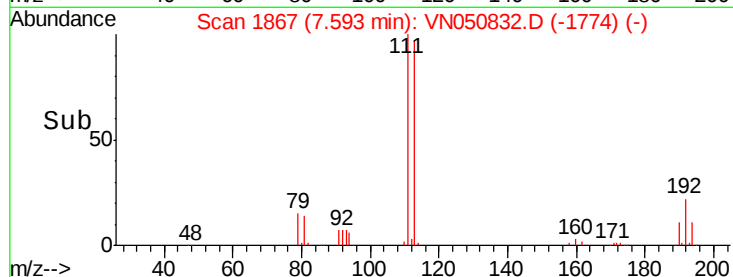
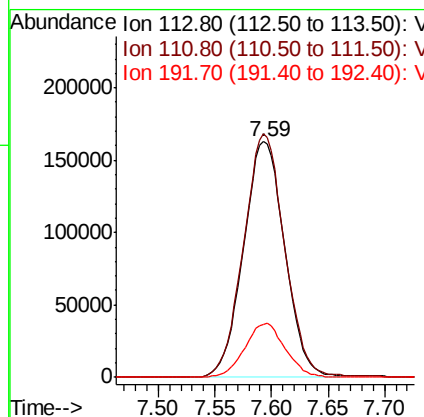
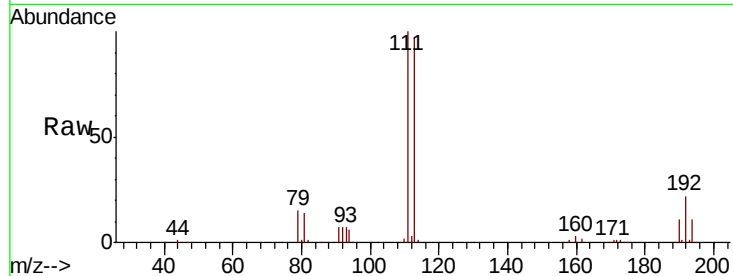




#35
 Dibromofluoromethane
 Concen: 46.12 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050832.D
 Acq: 22 Aug 2018 20:23

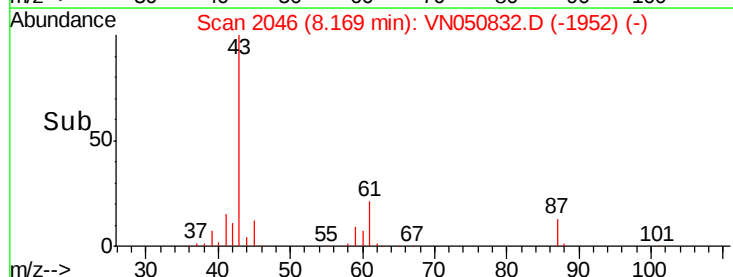
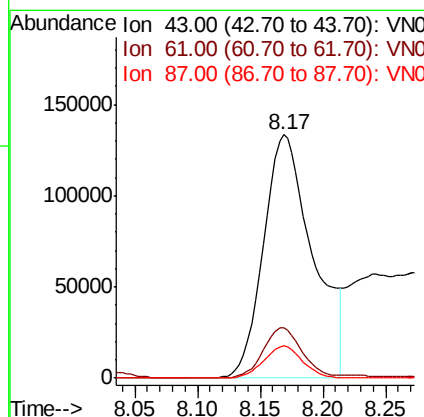
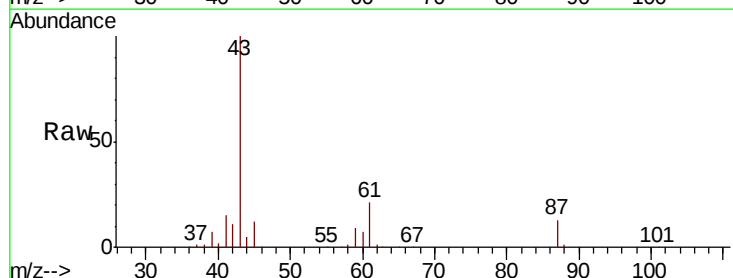
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 EO-01-082118-B

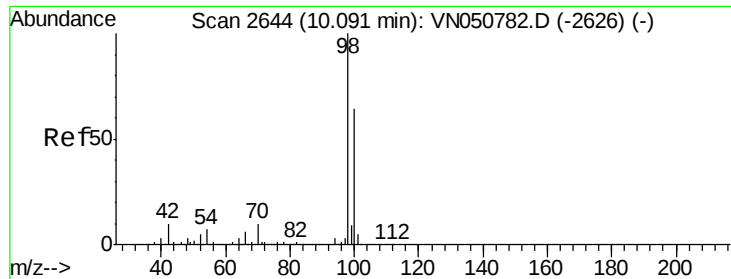
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	22.5	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 27.92 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050832.D
 Acq: 22 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.0	17.5	26.3#
87	10.4	11.3	16.9#





#50

Toluene-d8

Concen: 45.41 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampleId :

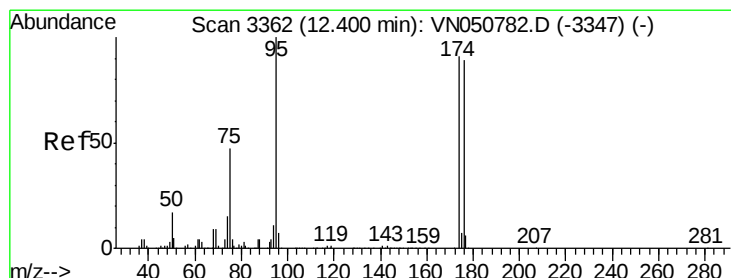
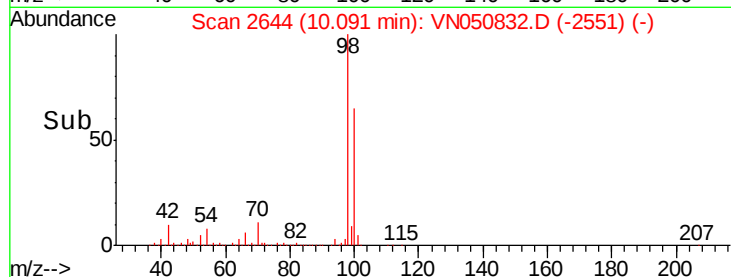
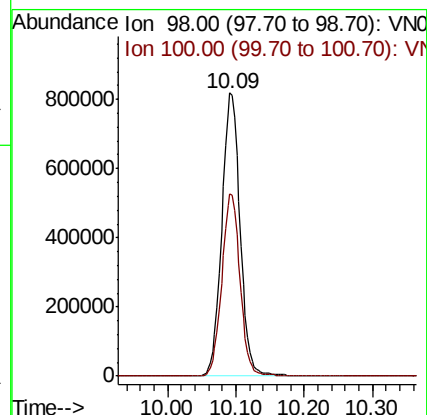
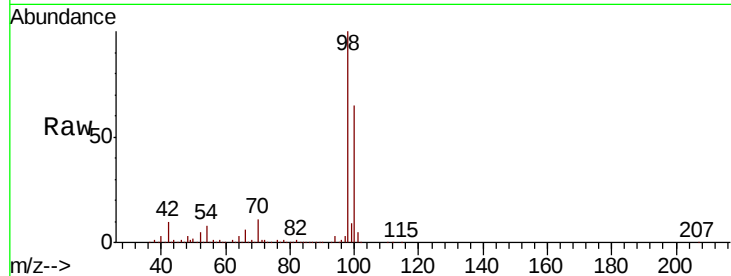
EO-01-082118-B

Tot Ion: 98 Resp: 1522262

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 39.00 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

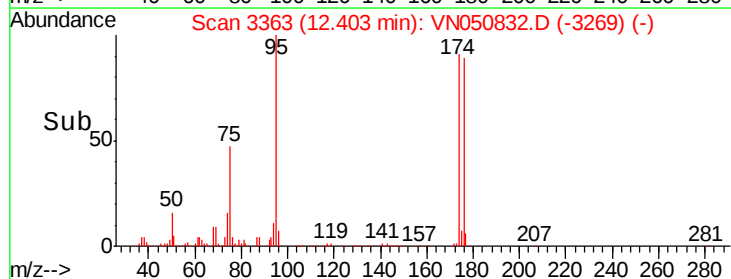
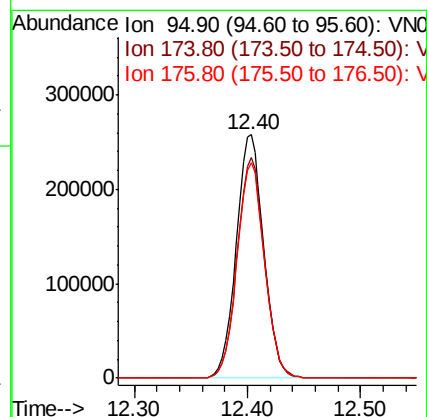
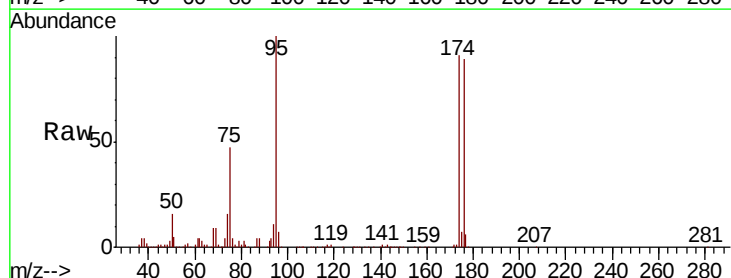
Tgt Ion: 95 Resp: 434507

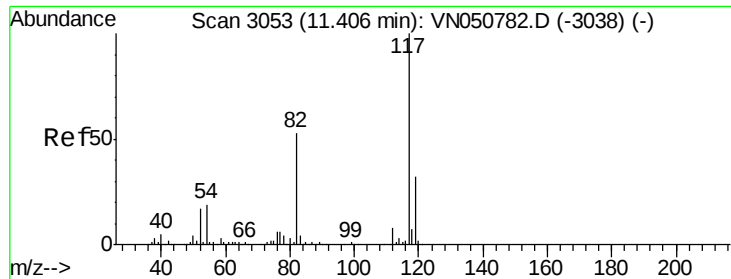
Ion Ratio Lower Upper

95 100

174 90.2 0.0 183.0

176 88.4 0.0 178.8

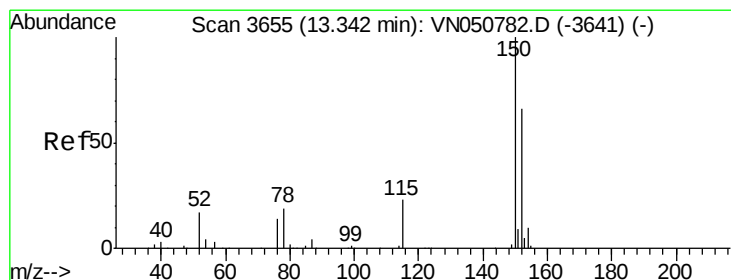
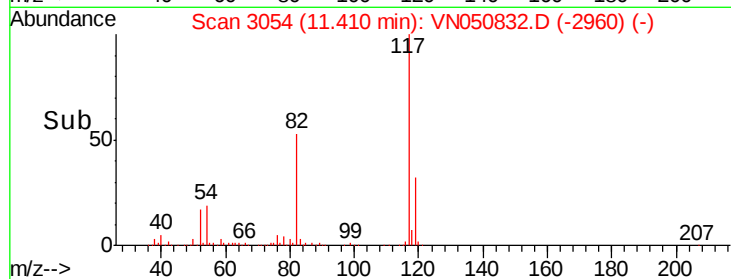
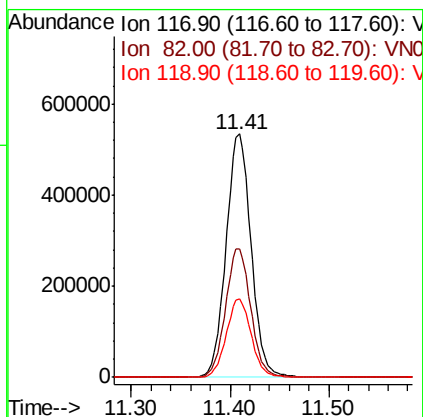
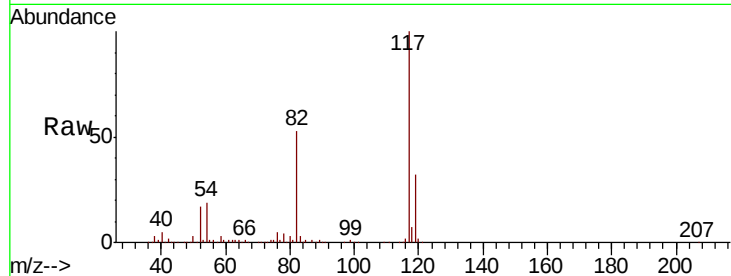




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050832.D
Acq: 22 Aug 2018 20:23

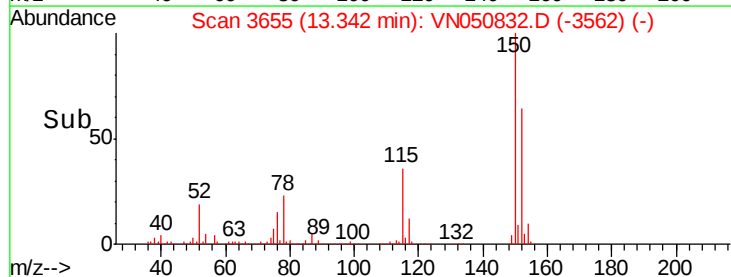
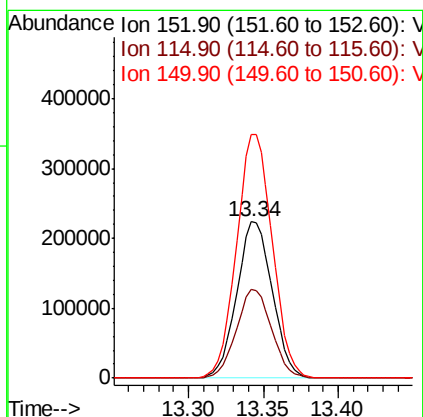
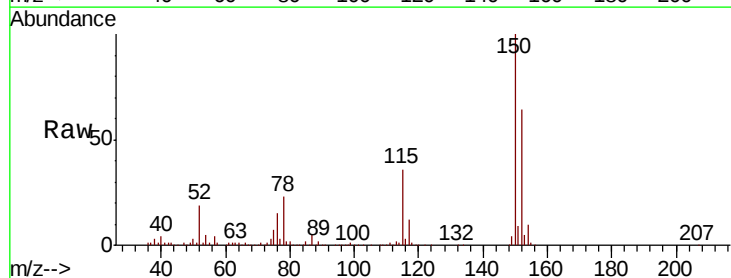
Instrument :
MSVOA_N
ClientSampled :
EO-01-082118-B

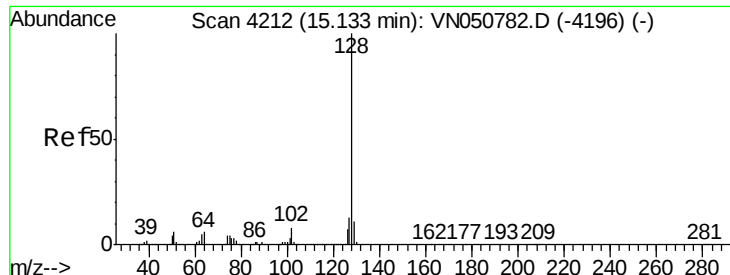
Tot Ion:117 Resp: 951094
Ion Ratio Lower Upper
117 100
82 52.9 42.6 64.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3655
Delta R.T. -0.00 min
Lab File: VN050832.D
Acq: 22 Aug 2018 20:23

Tgt Ion:152 Resp: 370230
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.4
150 156.3 0.0 351.4





#95
 Naphthalene
 Concen: 46.70 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050832.D
 Acq: 22 Aug 2018 20:23

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-082118-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.8	8.7	13.1

