

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050275.D
 Acq On : 2 Aug 2018 19:54
 Operator : MD\SY
 Sample : J4278-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Aug 03 01:51:15 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	640161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1071700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	896010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	335605	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	460278	51.53	ug/l	0.00
Spiked Amount						
			Recovery	=	103.06%	
35) Dibromofluoromethane	7.59	113	408262	46.66	ug/l	0.00
Spiked Amount						
			Recovery	=	93.32%	
50) Toluene-d8	10.09	98	1441301	44.80	ug/l	0.00
Spiked Amount						
			Recovery	=	89.60%	
62) 4-Bromofluorobenzene	12.40	95	394464	37.24	ug/l	0.00
Spiked Amount						
			Recovery	=	74.48%	

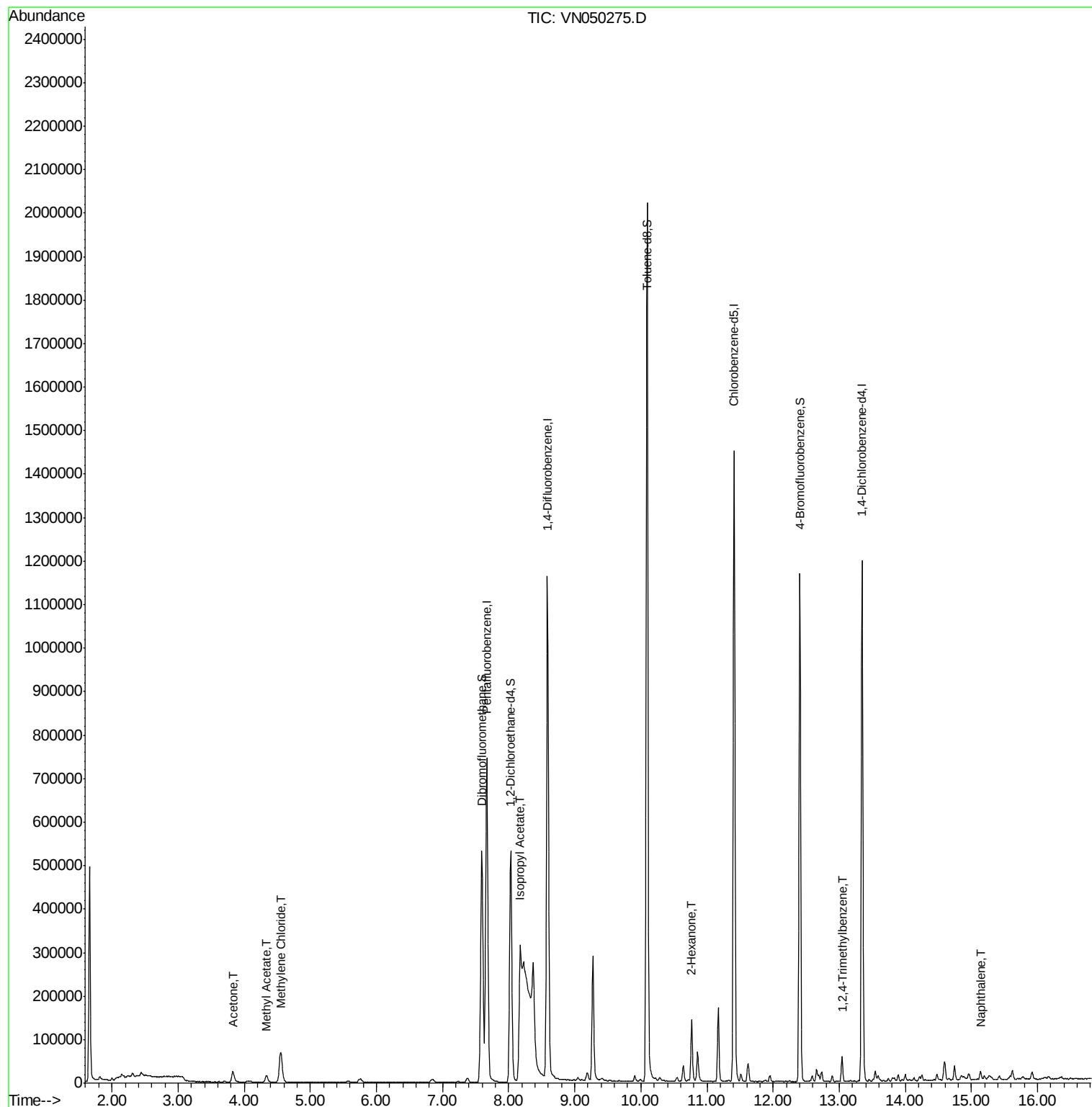
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	42160	15.974	ug/l	95
18) Methyl Acetate	4.34	43	29649	2.061	ug/l	95
20) Methylene Chloride	4.55	84	56114	5.982	ug/l	96
43) Isopropyl Acetate	8.17	43	429455	26.537	ug/l #	87
59) 2-Hexanone	10.77	43	18861	8.212	ug/l	63
84) 1,2,4-Trimethylbenzene	13.04	105	32193	1.560	ug/l	98
95) Naphthalene	15.14	128	15877	5.360	ug/l	99

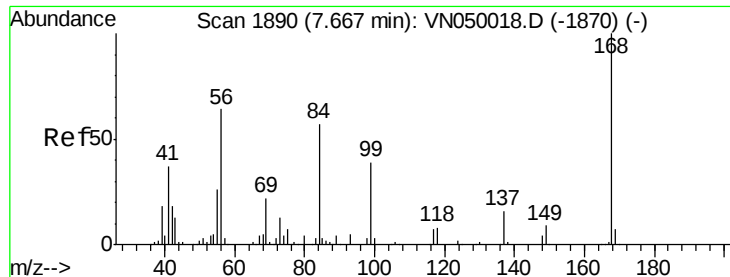
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050275.D

Acq: 2 Aug 2018 19:54

Instrument :

MSVOA_N

ClientSampleId :

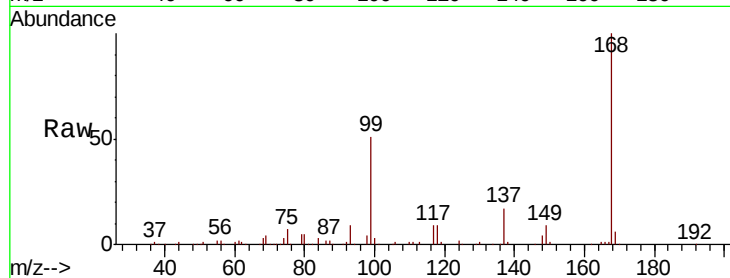
EO-03-080118-B

Tot Ion:168 Resp: 640161

Ion Ratio Lower Upper

168 100

99 51.3 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

300000

250000

200000

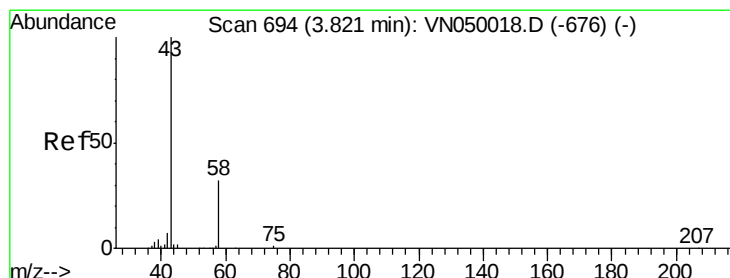
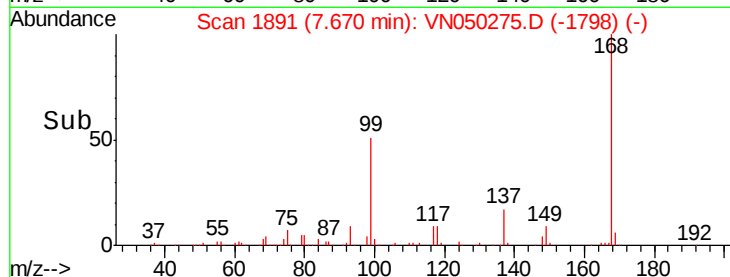
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 15.974 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050275.D

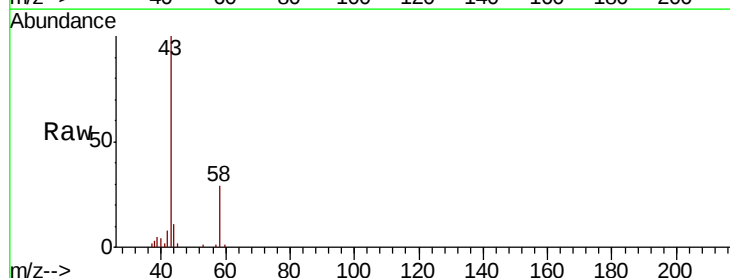
Acq: 2 Aug 2018 19:54

Tgt Ion: 43 Resp: 42160

Ion Ratio Lower Upper

43 100

58 29.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

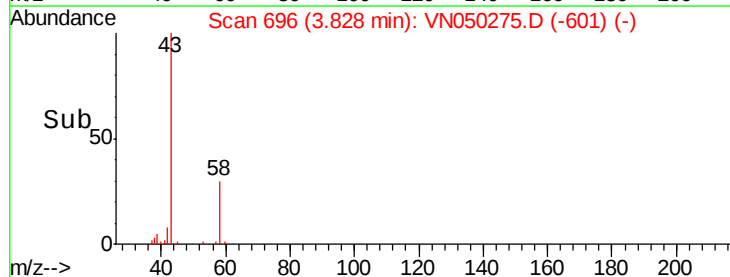
15000

10000

5000

0

Time-->

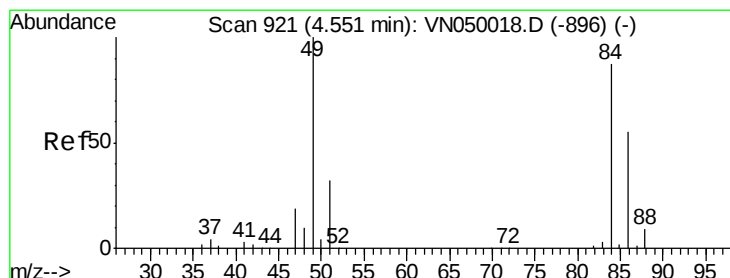
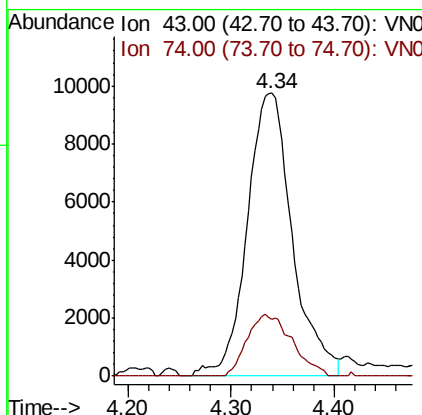
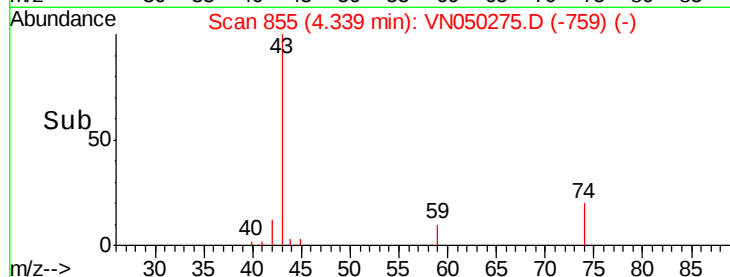
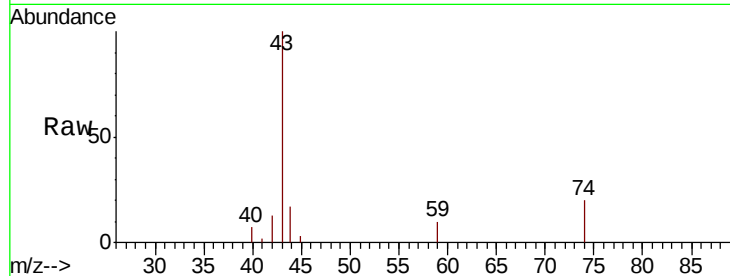




#18
Methyl Acetate
Concen: 2.061 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

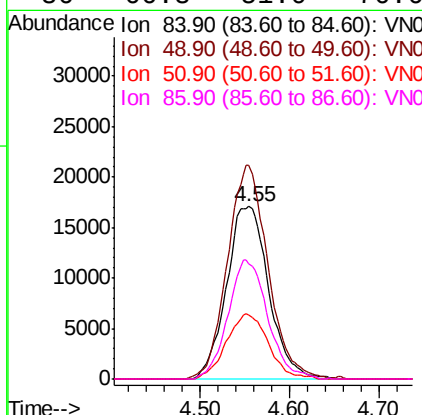
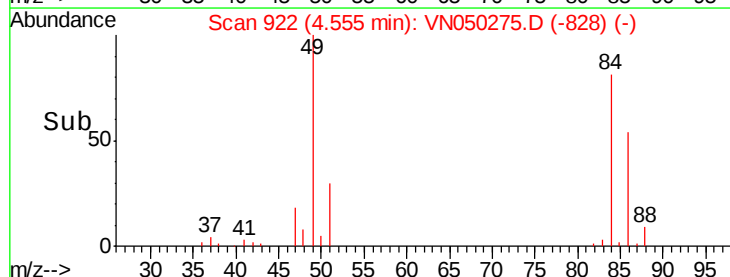
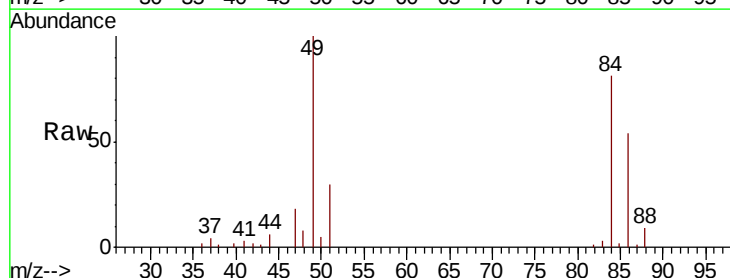
Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-B

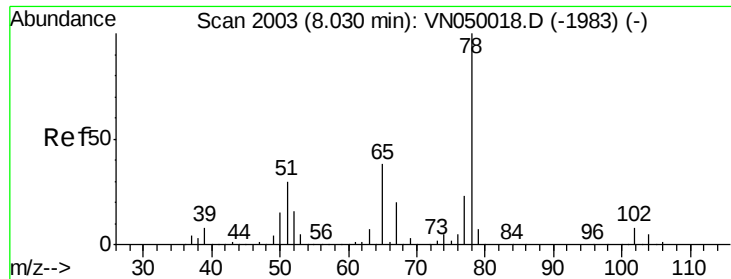
Tot Ion: 43 Resp: 29649
Ion Ratio Lower Upper
43 100
74 21.6 19.2 28.8



#20
Methylene Chloride
Concen: 5.982 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

Tgt Ion: 84 Resp: 56114
Ion Ratio Lower Upper
84 100
49 122.9 94.8 142.2
51 37.4 28.3 42.5
86 66.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 51.533 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

Instrument :

MSVOA_N

ClientSampleId :

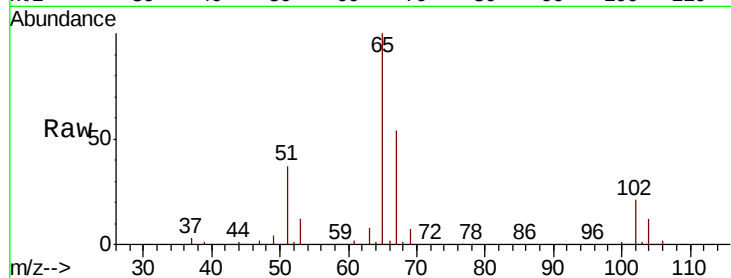
EO-03-080118-B

Tot Ion: 65 Resp: 460278

Ion Ratio Lower Upper

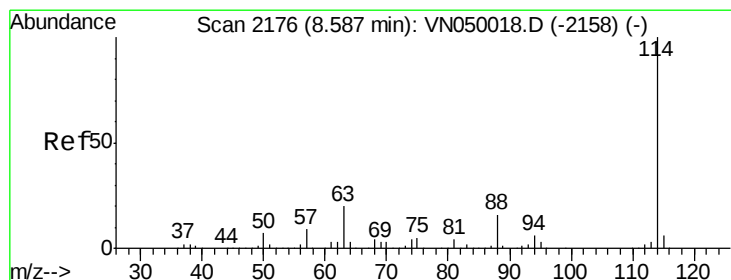
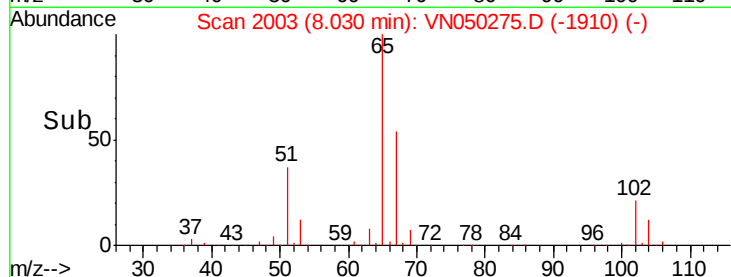
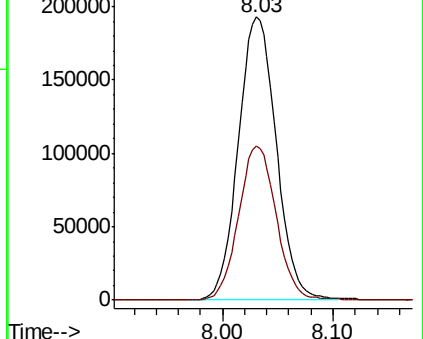
65 100

67 54.1 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: VN050275.D

Acq: 2 Aug 2018 19:54

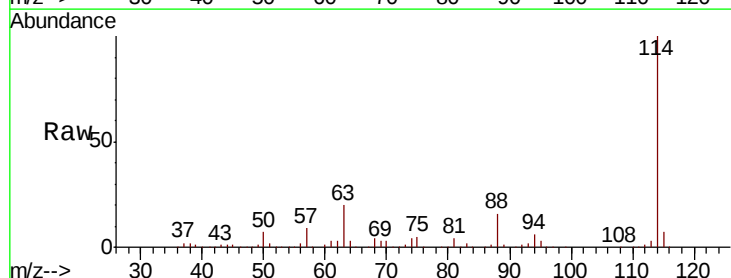
Tgt Ion: 114 Resp: 1071700

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

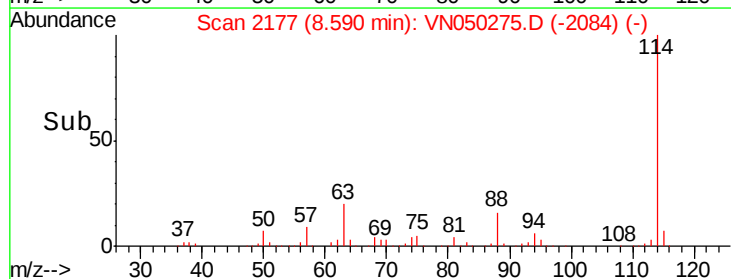
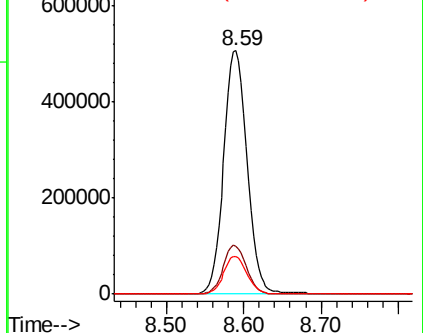
88 15.6 0.0 31.2

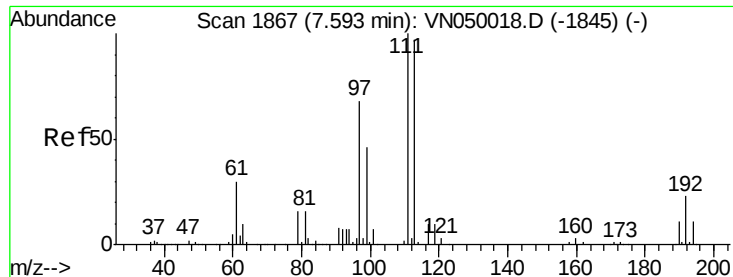


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

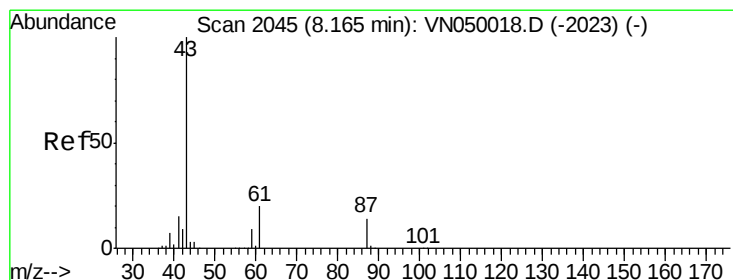
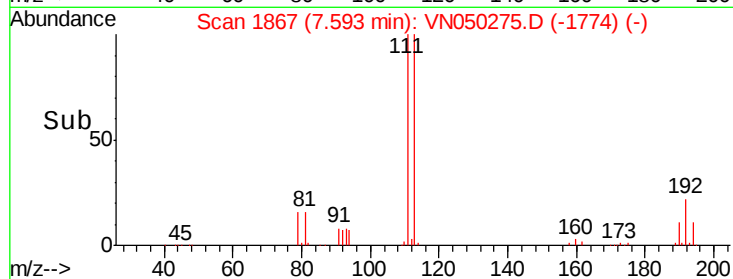
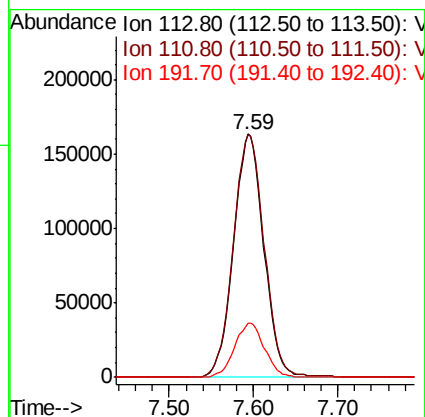
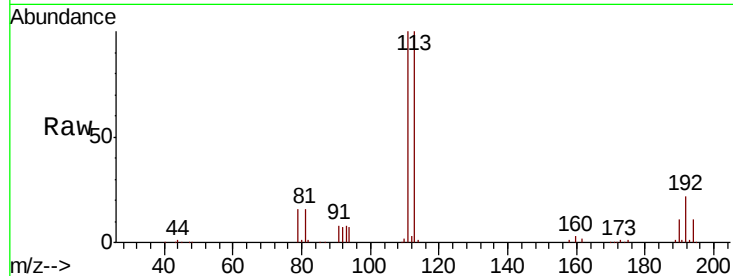




#35
 Dibromofluoromethane
 Concen: 46.658 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050275.D
 Acq: 2 Aug 2018 19:54

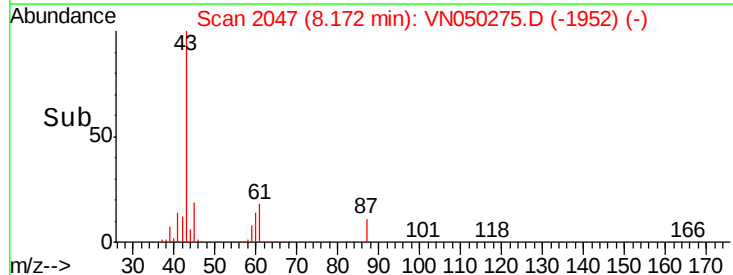
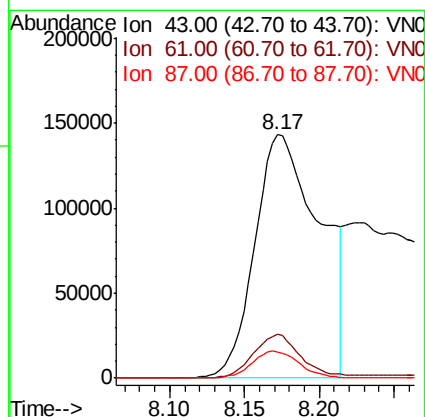
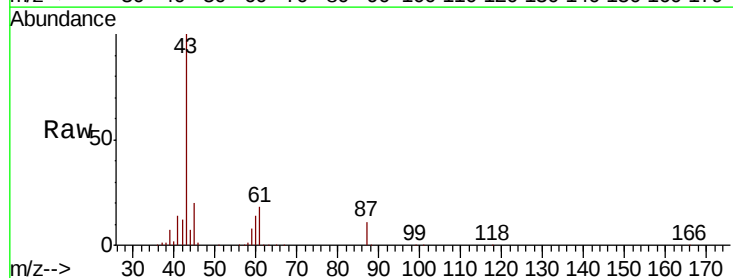
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-080118-B

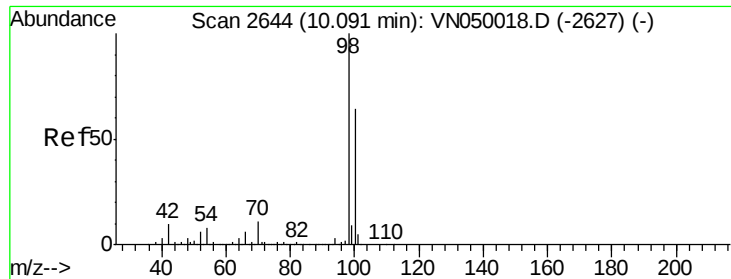
Tot Ion:113 Resp: 408262
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.7 121.1
 192 22.1 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 26.537 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050275.D
 Acq: 2 Aug 2018 19:54

Tgt Ion: 43 Resp: 429455
 Ion Ratio Lower Upper
 43 100
 61 13.5 15.8 23.6#
 87 8.1 10.3 15.5#

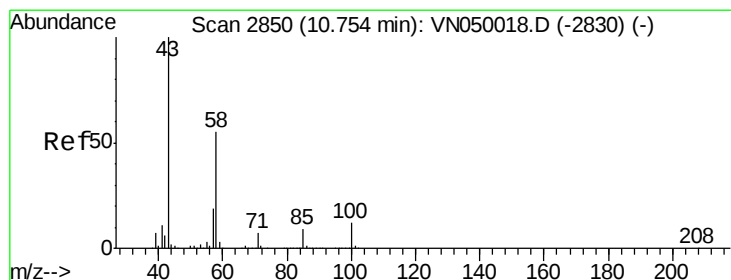
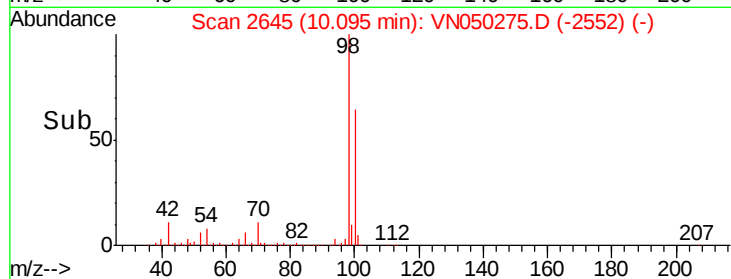
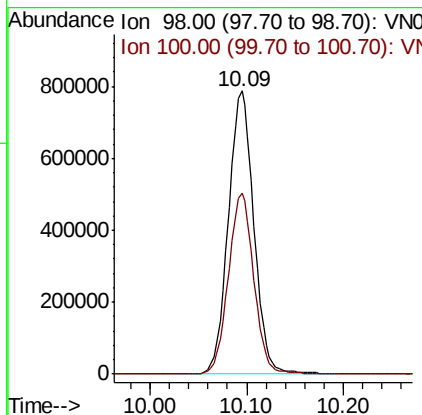
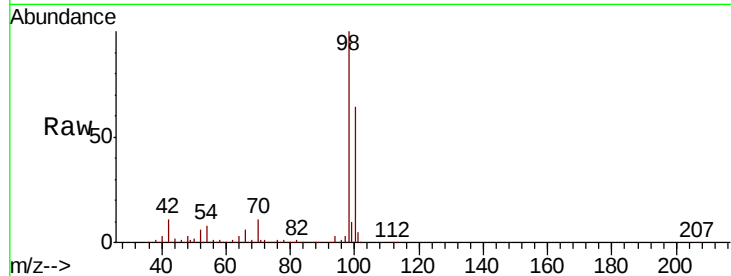




#50
Toluene-d8
Concen: 44.804 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

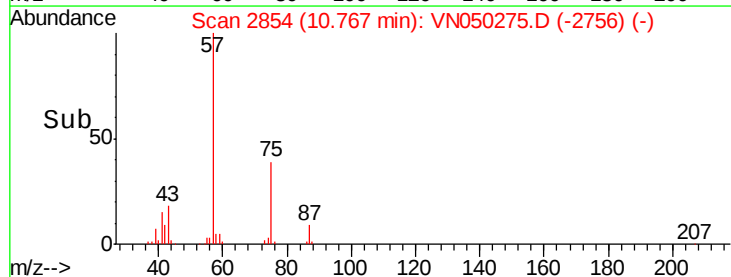
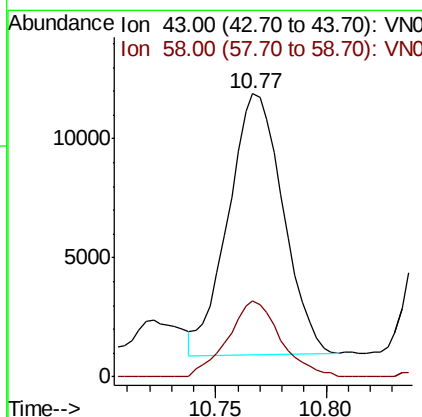
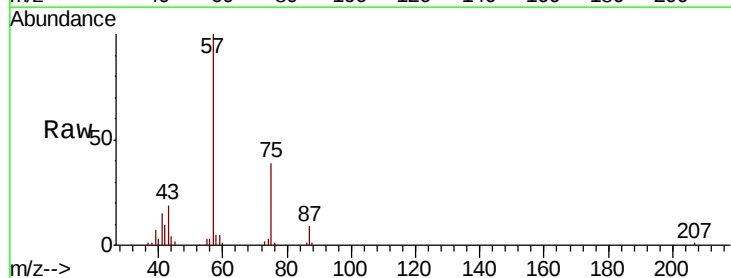
Instrument :
MSVOA_N
ClientSampled :
EO-03-080118-B

Tot Ion: 98 Resp: 1441301
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1



#59
2-Hexanone
Concen: 8.212 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

Tgt Ion: 43 Resp: 18861
Ion Ratio Lower Upper
43 100
58 28.2 27.6 82.7

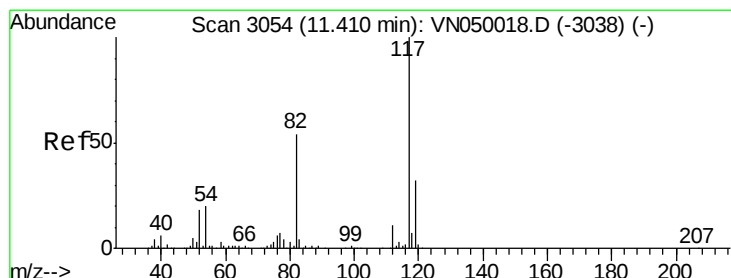
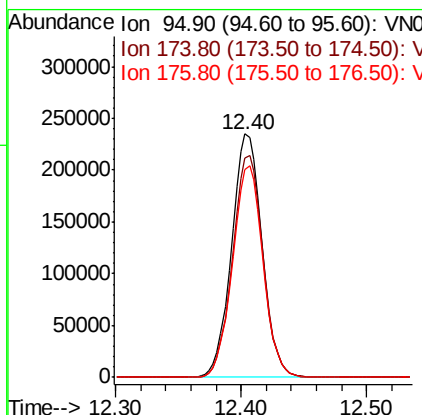
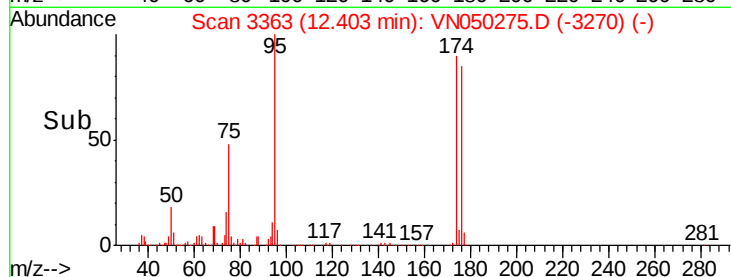
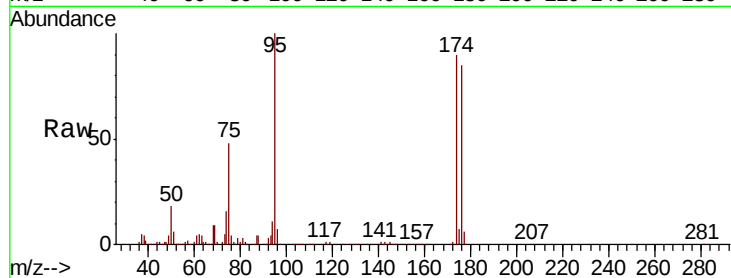




#62
4-Bromofluorobenzene
Concen: 37.240 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

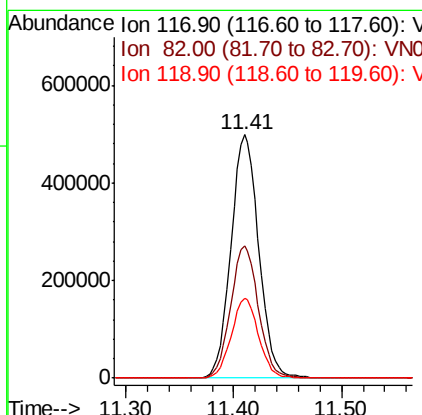
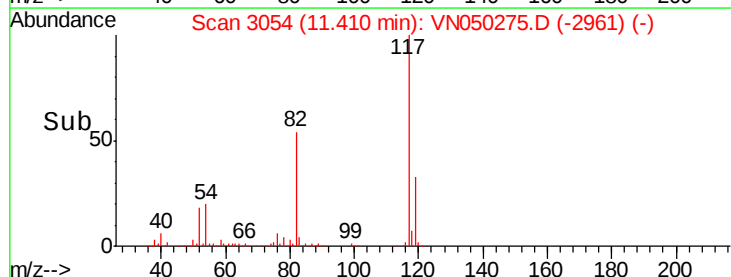
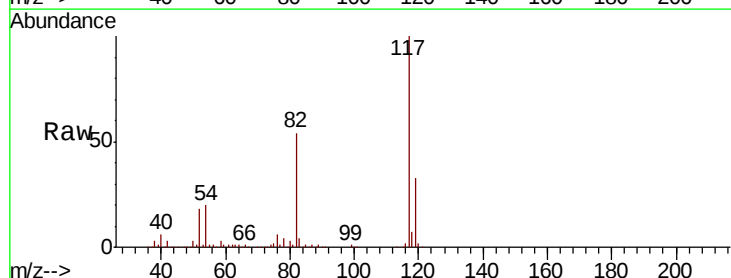
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EO-03-080118-B

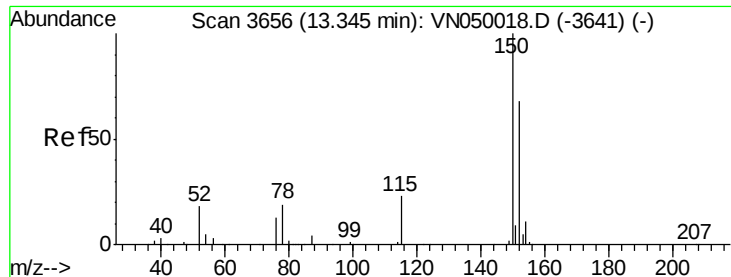
Tot Ion: 95 Resp: 394464
Ion Ratio Lower Upper
95 100
174 91.8 0.0 178.2
176 87.3 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

Tgt Ion: 117 Resp: 896010
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 33.0 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-B

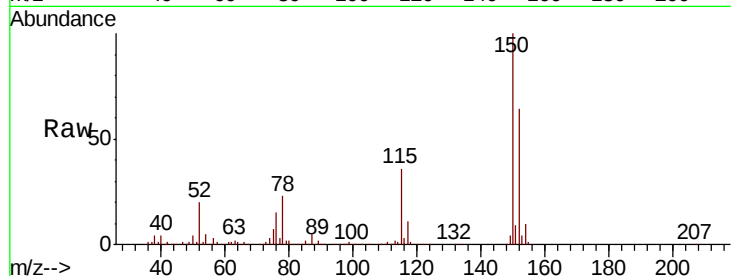
Tot Ion:152 Resp: 335605

Ion Ratio Lower Upper

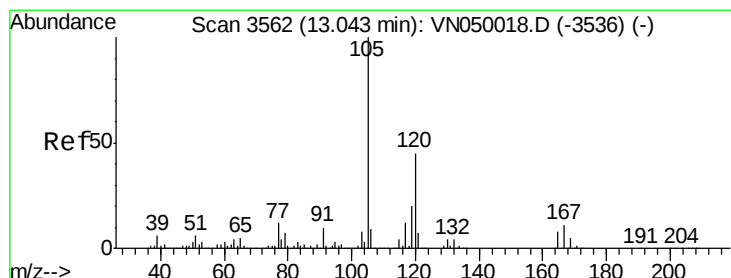
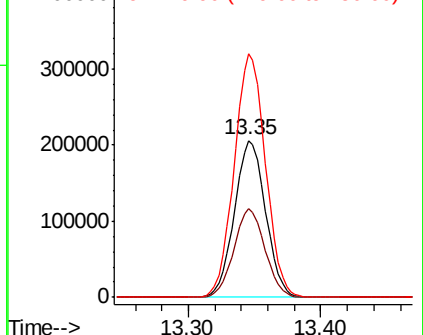
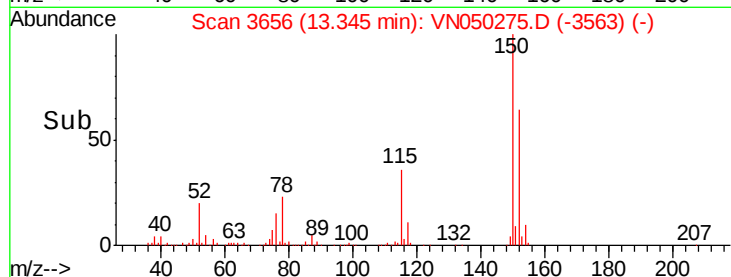
152 100

115 56.4 27.8 83.3

150 155.5 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



#84

1,2,4-Trimethylbenzene

Concen: 1.560 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050275.D

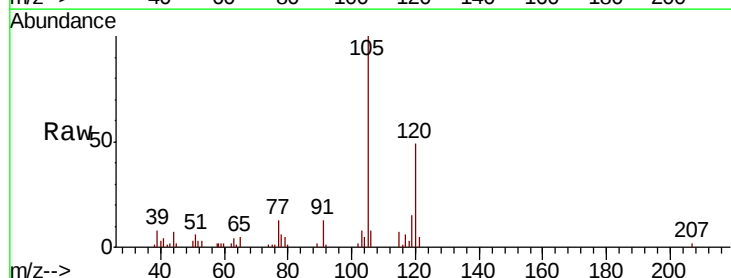
Acq: 2 Aug 2018 19:54

Tgt Ion:105 Resp: 32193

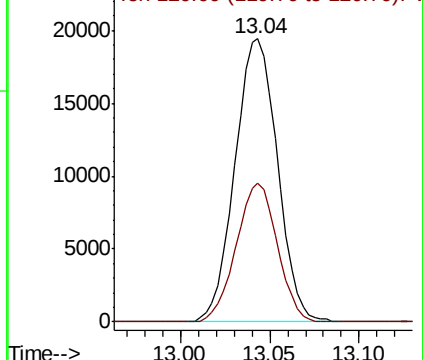
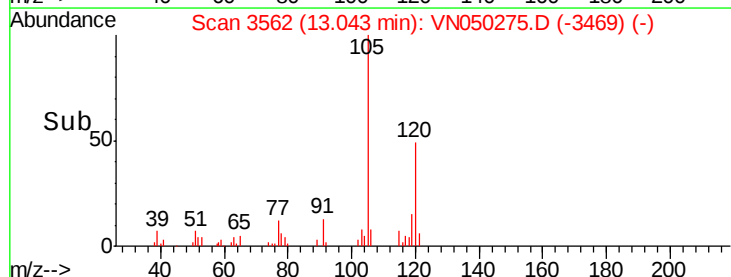
Ion Ratio Lower Upper

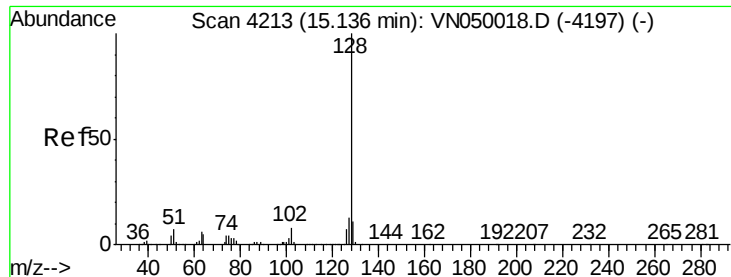
105 100

120 47.4 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 5.360 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	10.7	8.8	13.2

