

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049976.D
 Acq On : 20 Jul 2018 21:07
 Operator : MD\SY
 Sample : J3828-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-071818-C

Quant Time: Jul 21 03:13:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	541083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	939396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	794416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	303010	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	406280	54.63	ug/l	0.00
Spiked Amount						
			Recovery	=	109.26%	
35) Dibromofluoromethane	7.59	113	354338	44.93	ug/l	0.00
Spiked Amount						
			Recovery	=	89.86%	
50) Toluene-d8	10.09	98	1257483	43.76	ug/l	0.00
Spiked Amount						
			Recovery	=	87.52%	
62) 4-Bromofluorobenzene	12.40	95	349711	35.34	ug/l	0.00
Spiked Amount						
			Recovery	=	70.68%	

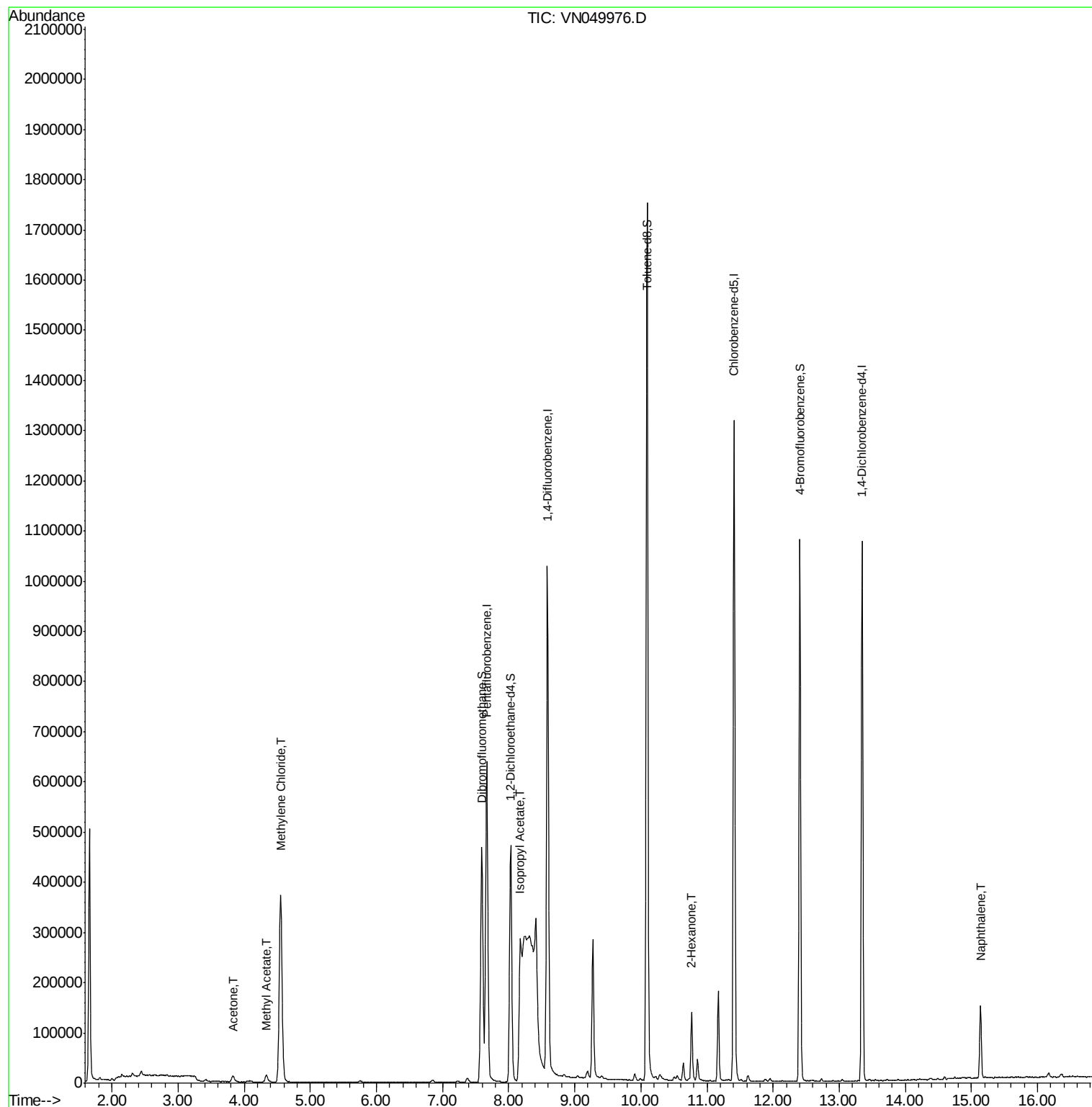
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	21796	11.32	ug/l	91
18) Methyl Acetate	4.34	43	25614	3.47	ug/l	98
20) Methylene Chloride	4.55	84	289579	39.55	ug/l	99
43) Isopropyl Acetate	8.17	43	357676	28.54	ug/l #	88
59) 2-Hexanone	10.77	43	19474	4.14	ug/l #	57
95) Naphthalene	15.14	128	125008	12.42	ug/l	99

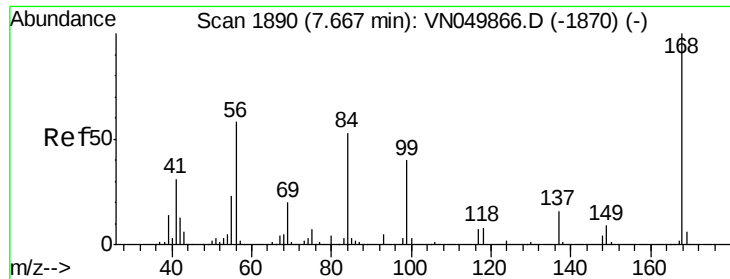
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049976.D

Acq: 20 Jul 2018 21:07

Instrument :

MSVOA_N

ClientSampleId :

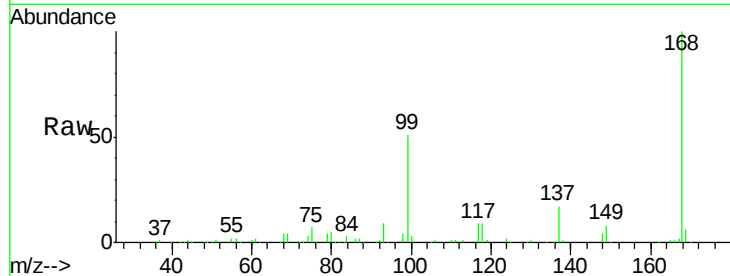
EO-02-071818-C

Tot Ion:168 Resp: 541083

Ion Ratio Lower Upper

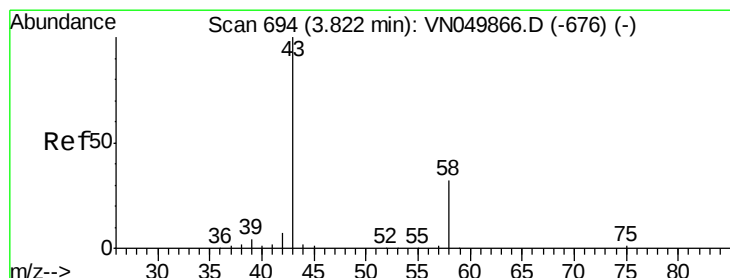
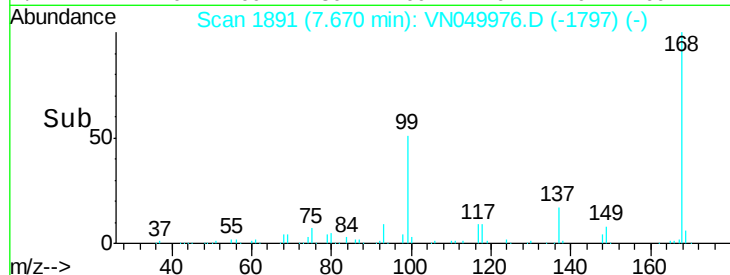
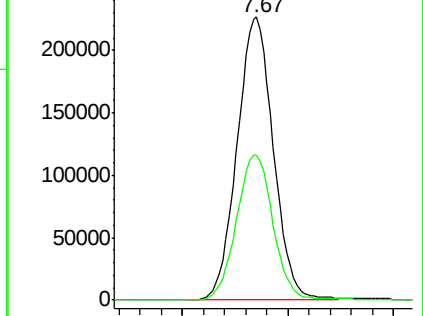
168 100

99 51.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 11.32 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049976.D

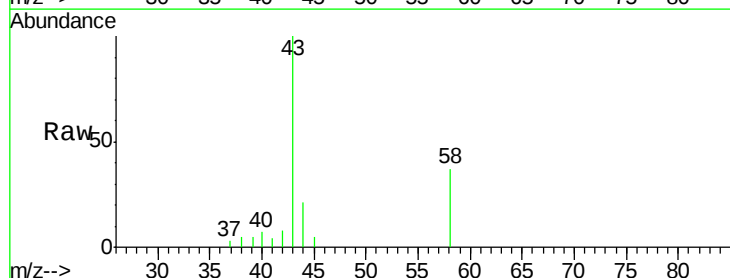
Acq: 20 Jul 2018 21:07

Tgt Ion: 43 Resp: 21796

Ion Ratio Lower Upper

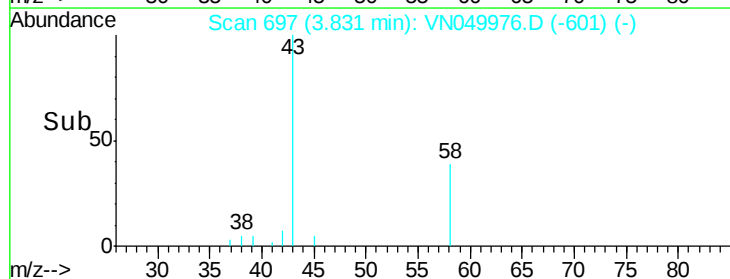
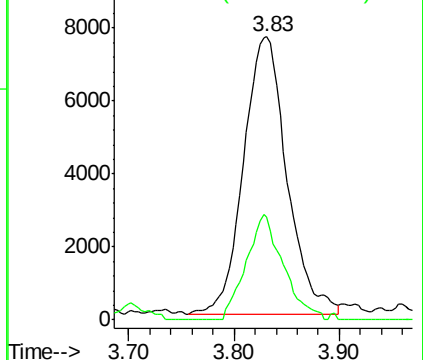
43 100

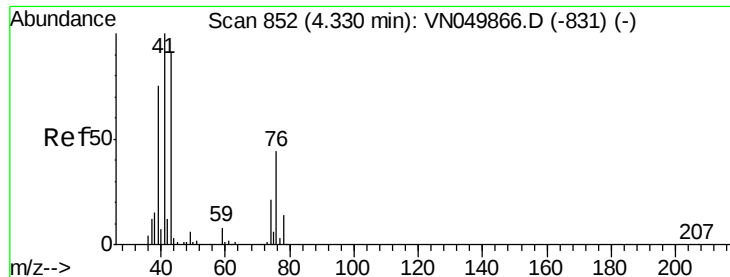
58 37.3 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

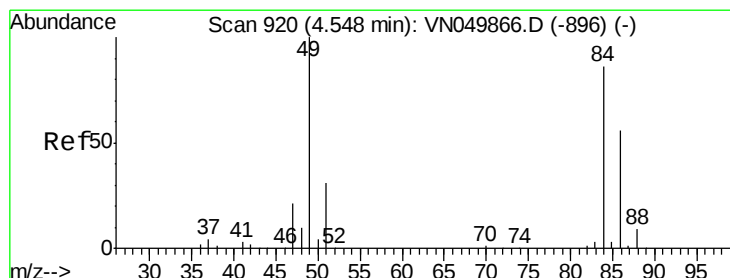
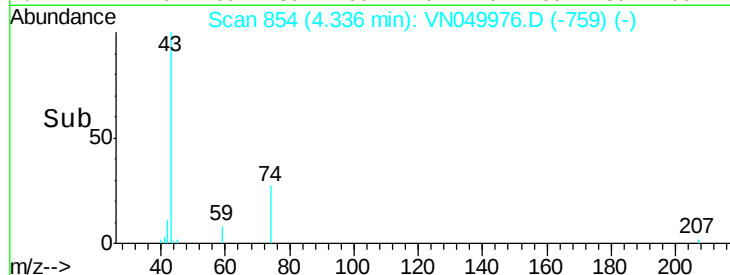
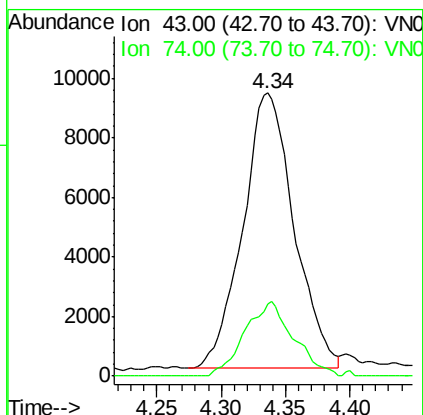
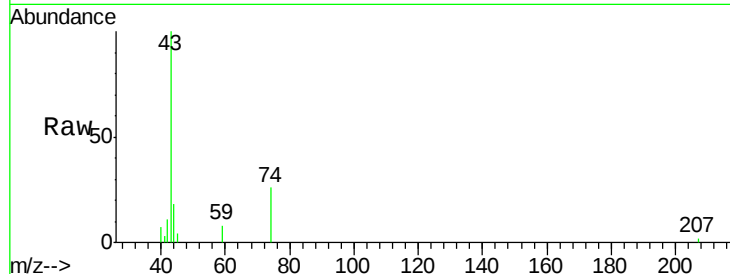




#18
Methvl Acetate
Concen: 3.47 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049976.D
Acq: 20 Jul 2018 21:07

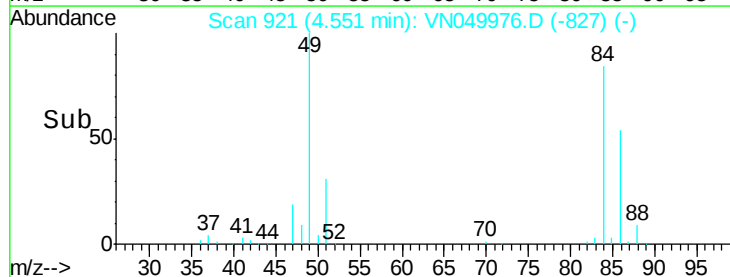
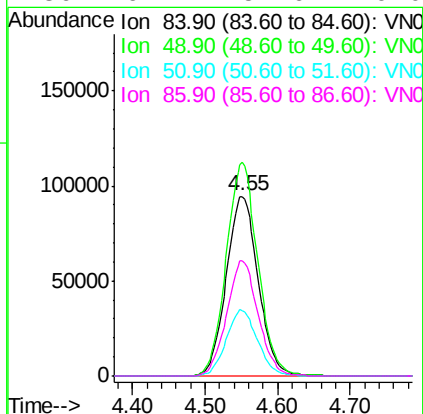
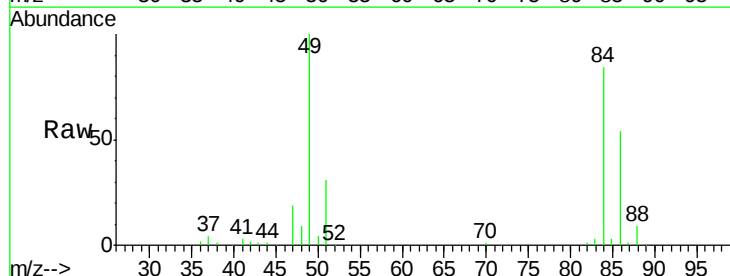
Instrument :
MSVOA_N
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EO-02-071818-C

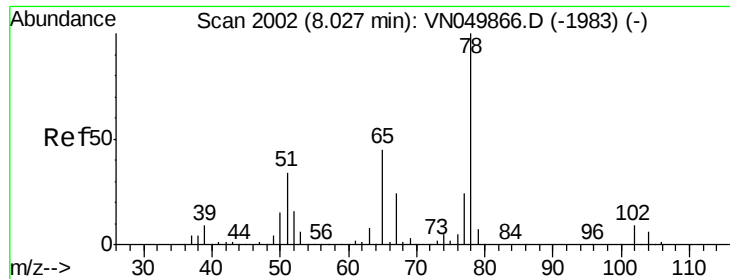
Tot Ion: 43 Resp: 25614
Ion Ratio Lower Upper
43 100
74 25.8 19.8 29.8



#20
Methylene Chloride
Concen: 39.55 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049976.D
Acq: 20 Jul 2018 21:07

Tgt Ion: 84 Resp: 289579
Ion Ratio Lower Upper
84 100
49 119.2 95.4 143.2
51 36.8 28.4 42.6
86 64.4 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 54.63 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049976.D

Acq: 20 Jul 2018 21:07

Instrument :

MSVOA_N

ClientSampleId :

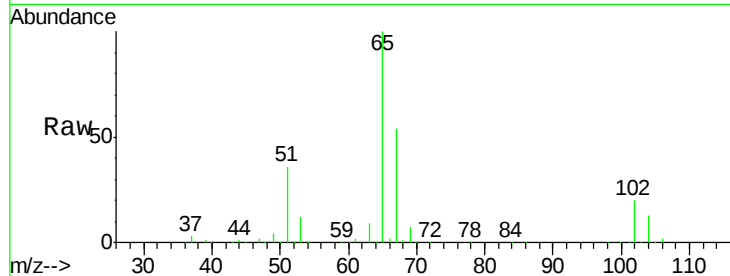
EO-02-071818-C

Tot Ion: 65 Resp: 406280

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049976.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049976.D (-1909) (-)

8.03

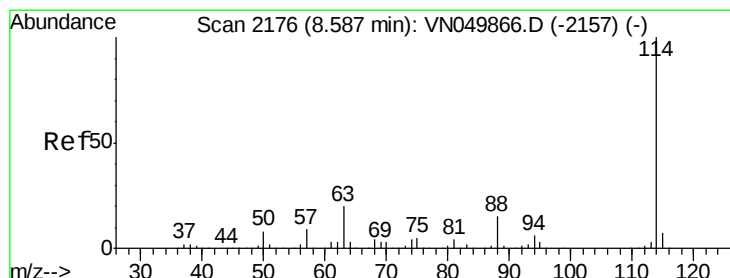
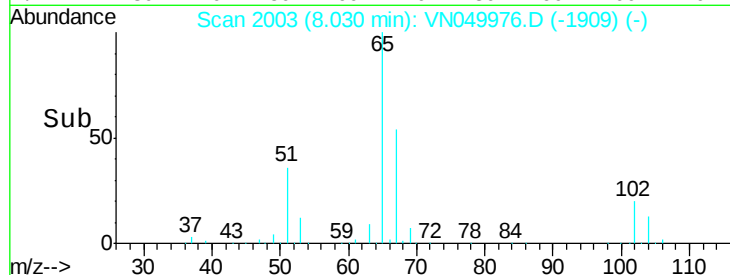
150000

100000

50000

0

Time--> 7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049976.D

Acq: 20 Jul 2018 21:07

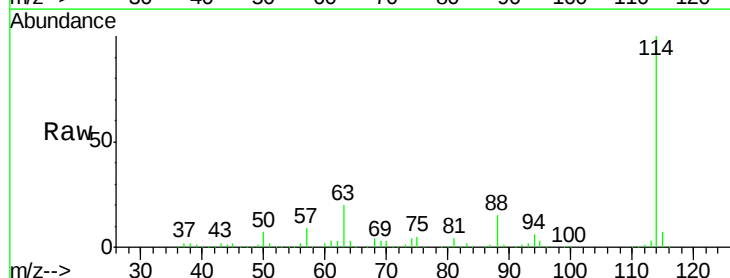
Tgt Ion: 114 Resp: 939396

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

88 15.3 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN049976.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049976.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049976.D (-2083) (-)

8.59

600000

500000

400000

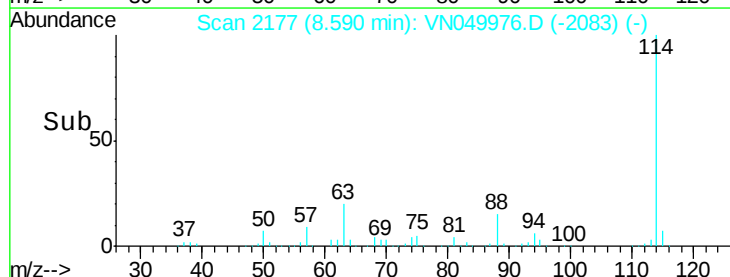
300000

200000

100000

0

Time--> 8.50 8.60 8.70

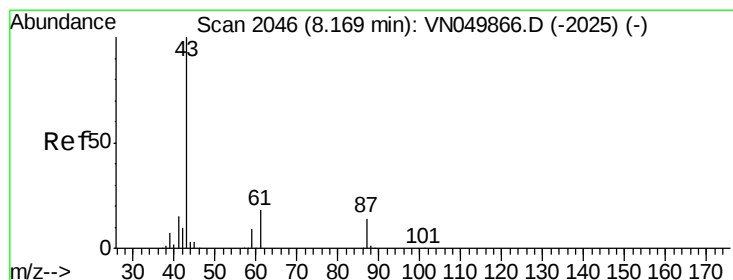
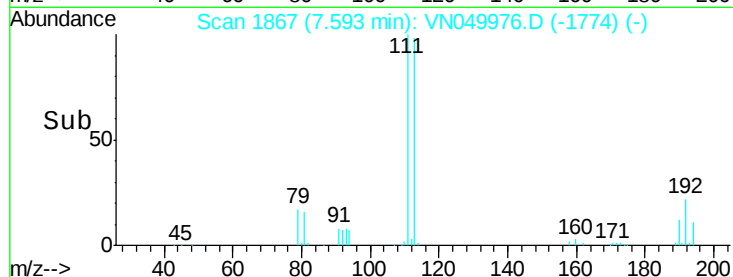
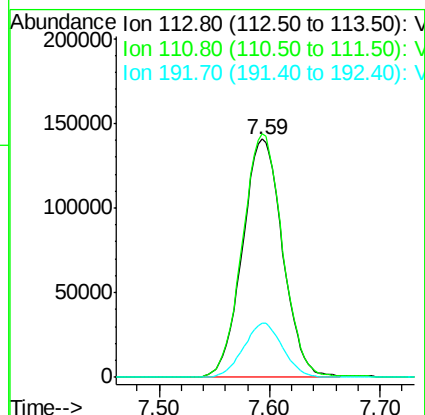
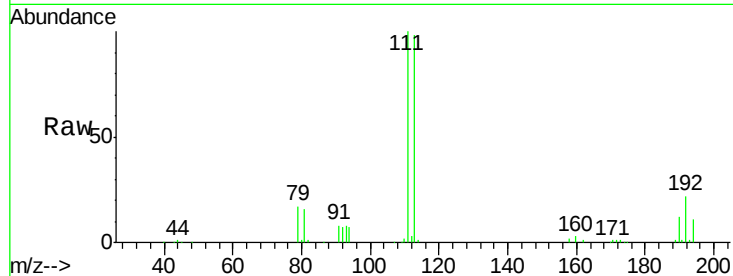




#35
 Dibromofluoromethane
 Concen: 44.93 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049976.D
 Acq: 20 Jul 2018 21:07

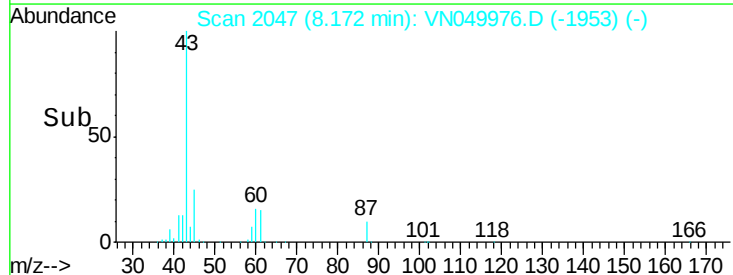
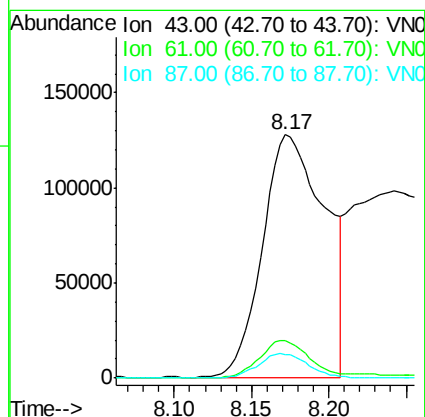
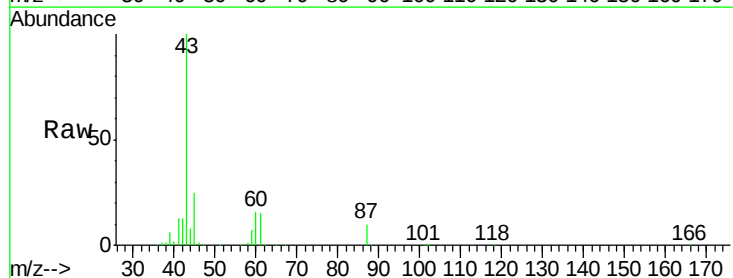
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-071818-C

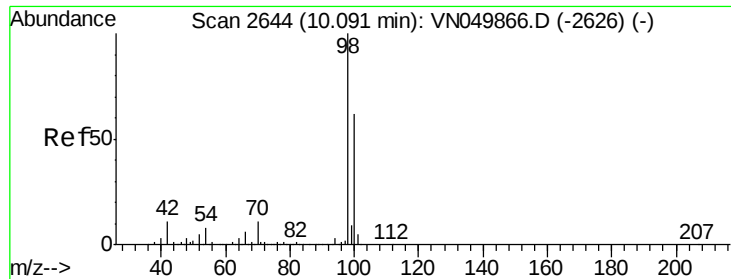
Tot Ion:113 Resp: 354338
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.8
 192 22.3 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 28.54 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049976.D
 Acq: 20 Jul 2018 21:07

Tgt Ion: 43 Resp: 357676
 Ion Ratio Lower Upper
 43 100
 61 13.3 14.9 22.3#
 87 8.1 10.0 15.0#

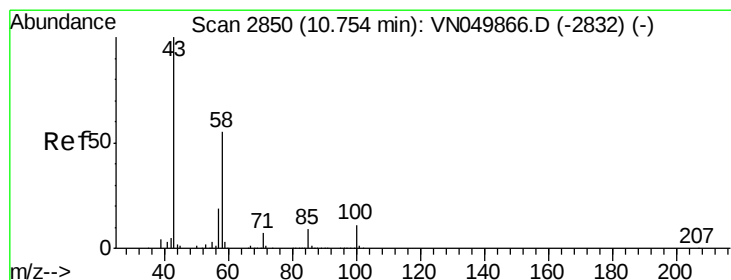
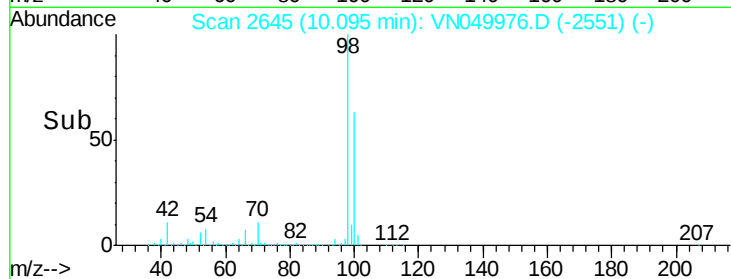
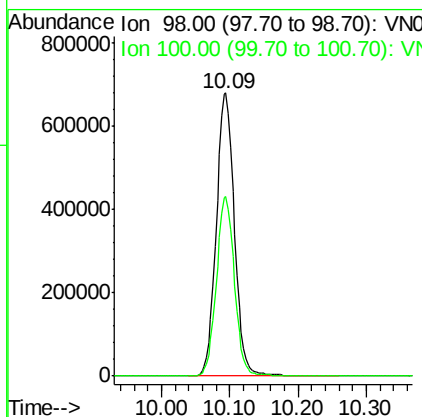
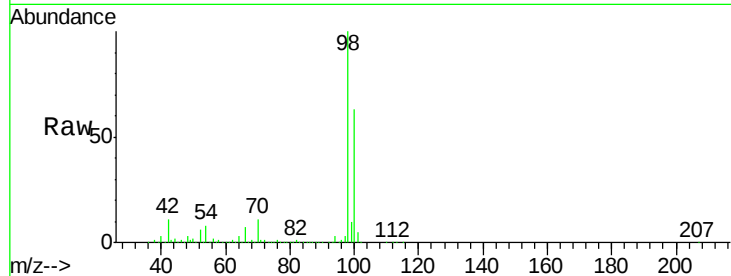




#50
Toluene-d8
Concen: 43.76 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049976.D
Acq: 20 Jul 2018 21:07

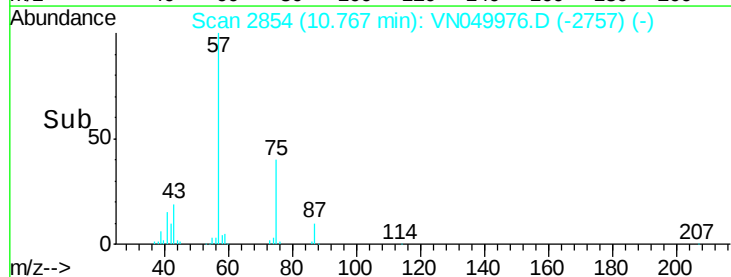
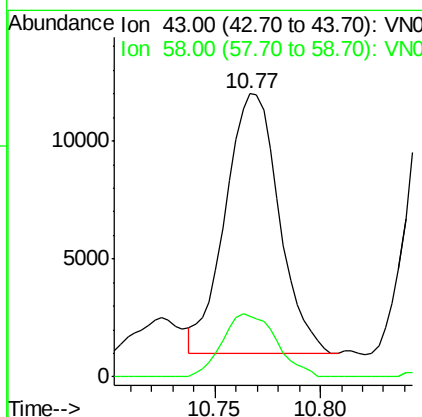
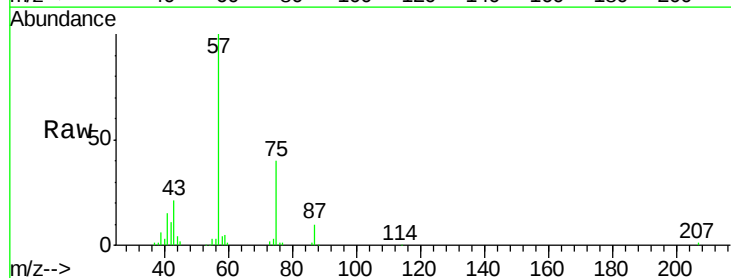
Instrument :
MSVOA_N
ClientSampleId :
EO-02-071818-C

Tot Ion: 98 Resp: 1257483
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#59
2-Hexanone
Concen: 4.14 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049976.D
Acq: 20 Jul 2018 21:07

Tgt Ion: 43 Resp: 19474
Ion Ratio Lower Upper
43 100
58 24.5 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 35.34 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049976.D

Acq: 20 Jul 2018 21:07

Instrument :

MSVOA_N

ClientSampleId :

EO-02-071818-C

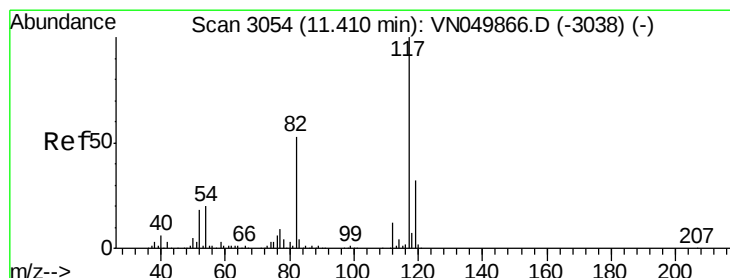
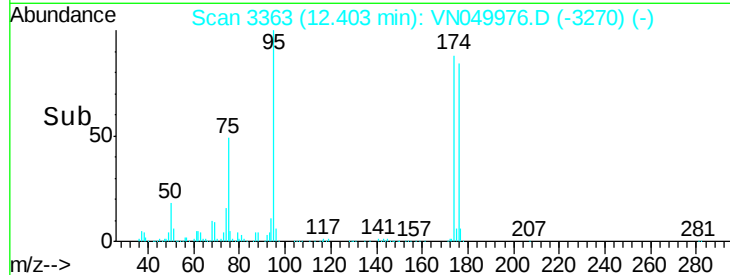
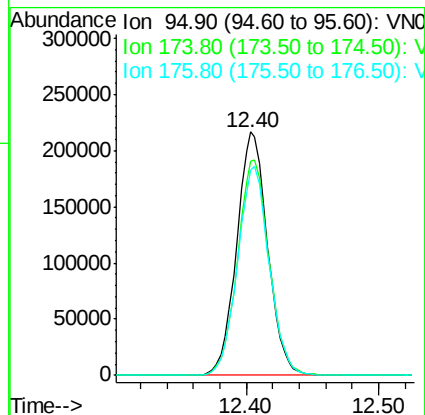
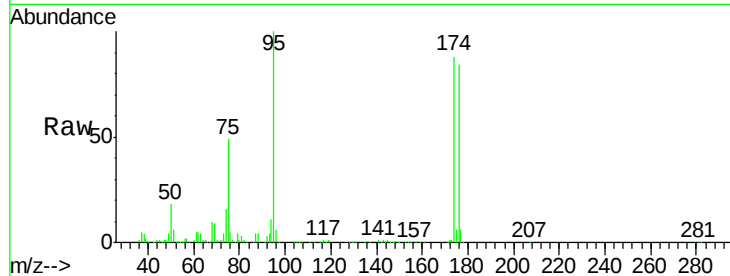
Tot Ion: 95 Resp: 349711

Ion Ratio Lower Upper

95 100

174 90.9 0.0 179.6

176 87.7 0.0 174.0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049976.D

Acq: 20 Jul 2018 21:07

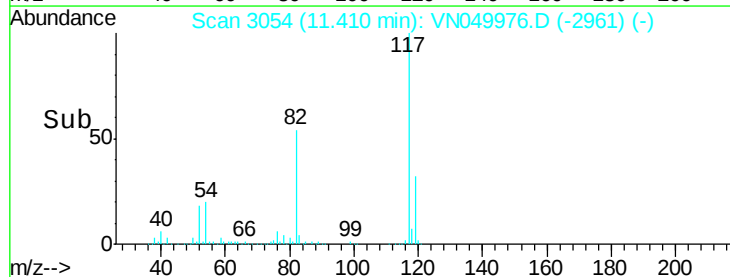
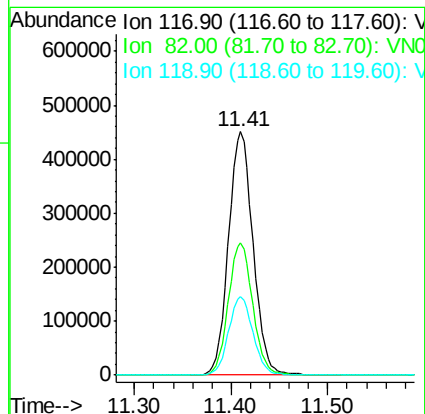
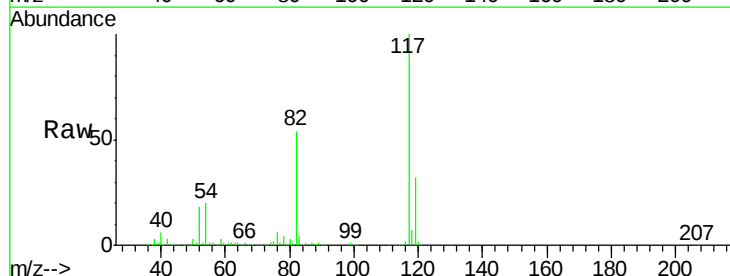
Tgt Ion: 117 Resp: 794416

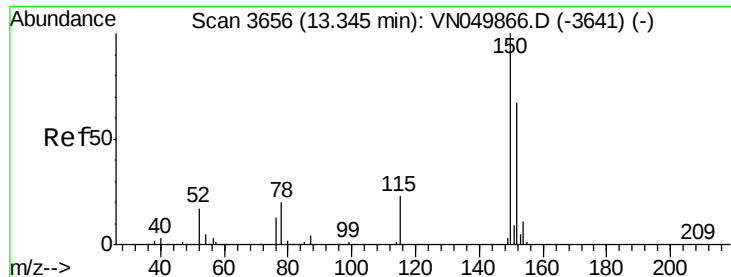
Ion Ratio Lower Upper

117 100

82 54.4 41.9 62.9

119 32.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049976.D

Acq: 20 Jul 2018 21:07

Instrument :

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ClientSampleId :

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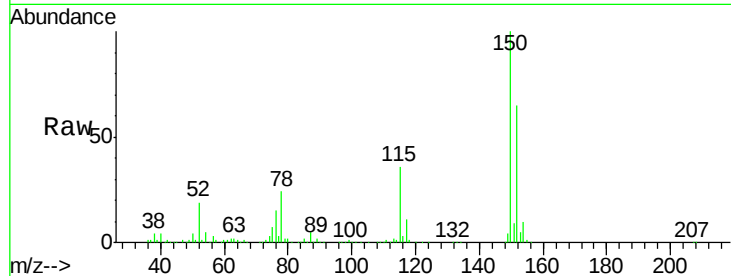
Tot Ion:152 Resp: 303010

Ion Ratio Lower Upper

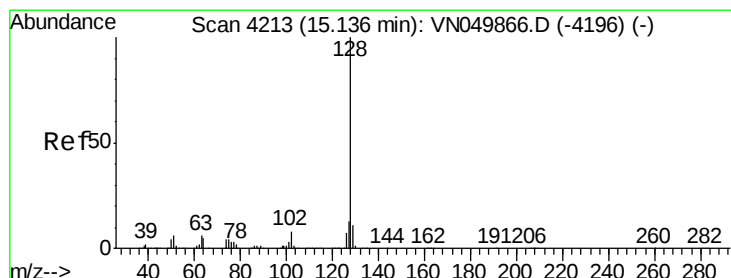
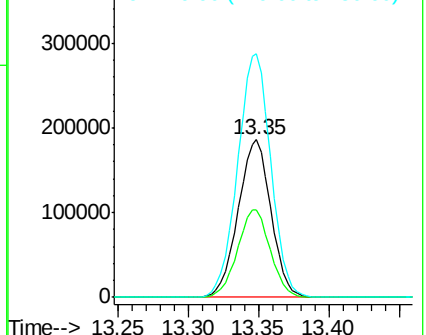
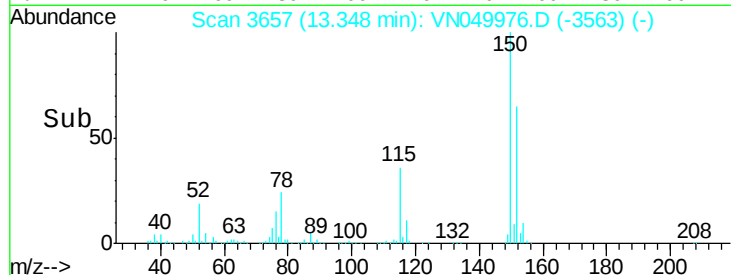
152 100

115 55.8 28.1 84.2

150 156.1 0.0 347.6



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: 12.42 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049976.D

Acq: 20 Jul 2018 21:07

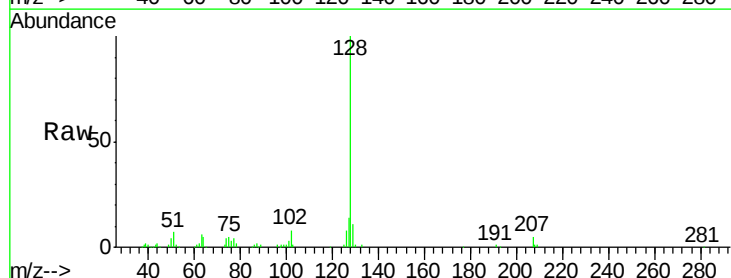
Tgt Ion:128 Resp: 125008

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 10.7 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

