

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050276.D
 Acq On : 2 Aug 2018 20:19
 Operator : MD\SY
 Sample : J4278-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Aug 03 01:53:49 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	638048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1075966	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	909452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	357621	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	463073	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
35) Dibromofluoromethane	7.59	113	409559	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	
50) Toluene-d8	10.09	98	1451584	44.94	ug/l	0.00
Spiked Amount			Recovery	=	89.88%	
62) 4-Bromofluorobenzene	12.40	95	408547	38.42	ug/l	0.00
Spiked Amount			Recovery	=	76.84%	

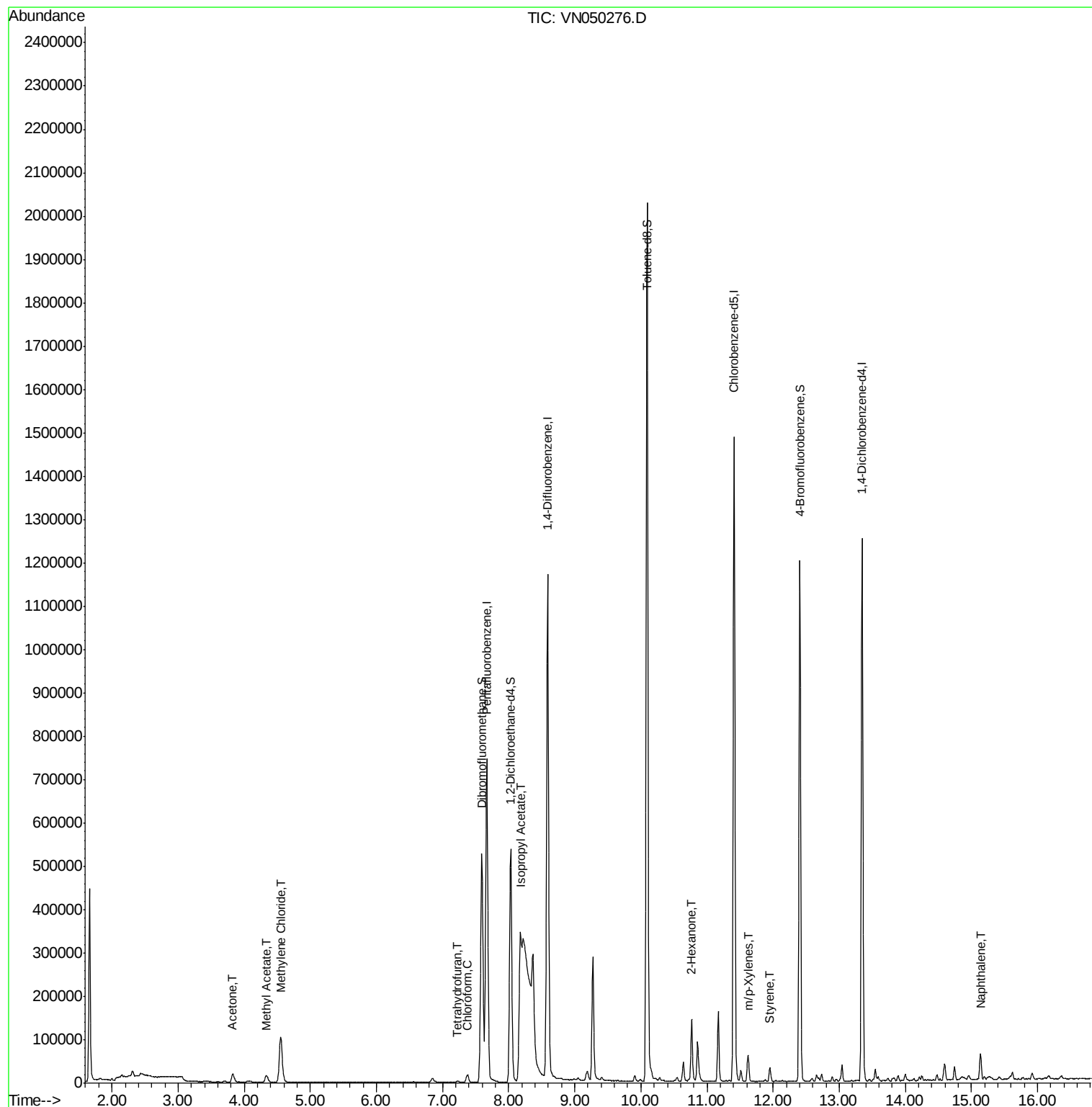
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	34343	12.248	ug/l	94
18) Methyl Acetate	4.33	43	32781	2.470	ug/l	97
20) Methylene Chloride	4.55	84	85412	9.813	ug/l	98
29) Tetrahydrofuran	7.23	42	2541	1.158	ug/l #	70
30) Chloroform	7.38	83	19388	1.285	ug/l	99
43) Isopropyl Acetate	8.18	43	391863	24.012	ug/l #	88
59) 2-Hexanone	10.77	43	21315	8.593	ug/l	66
68) m/p-Xylenes	11.62	106	19077	1.367	ug/l	96
70) Styrene	11.96	104	3077	1.051	ug/l #	71
95) Naphthalene	15.14	128	53678	7.412	ug/l	99

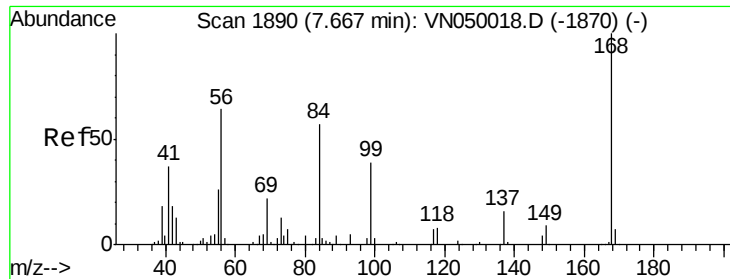
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

Instrument :

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ClientSampleId :

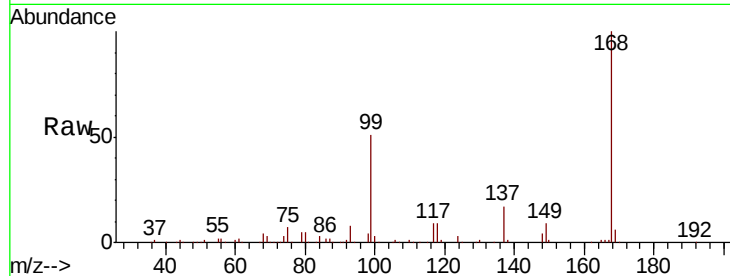
EO-03-080118-C

Tot Ion:168 Resp: 638048

Ion Ratio Lower Upper

168 100

99 50.6 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

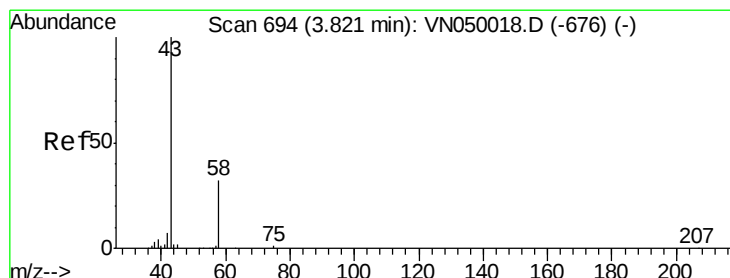
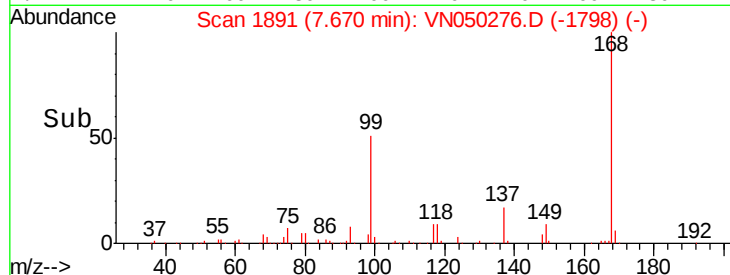
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 12.248 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050276.D

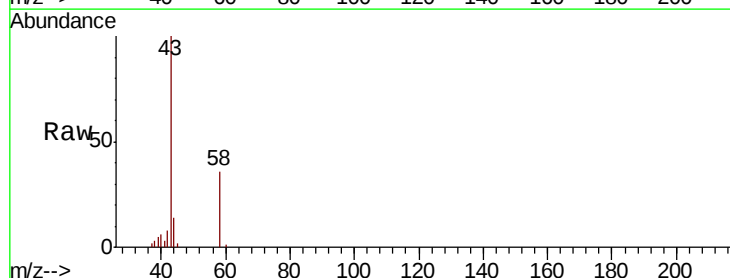
Acq: 2 Aug 2018 20:19

Tgt Ion: 43 Resp: 34343

Ion Ratio Lower Upper

43 100

58 35.5 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

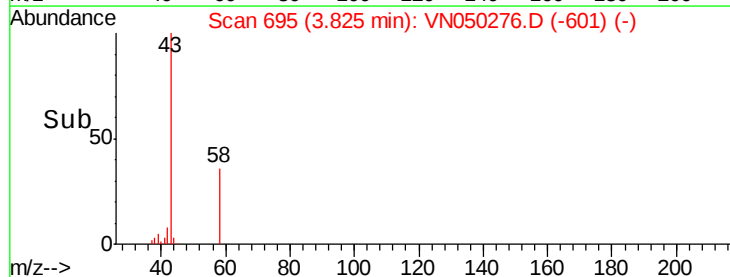
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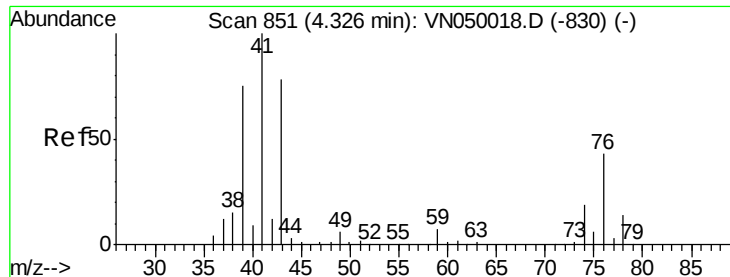
5000

0

3.75 3.80 3.85 3.90

Time-->

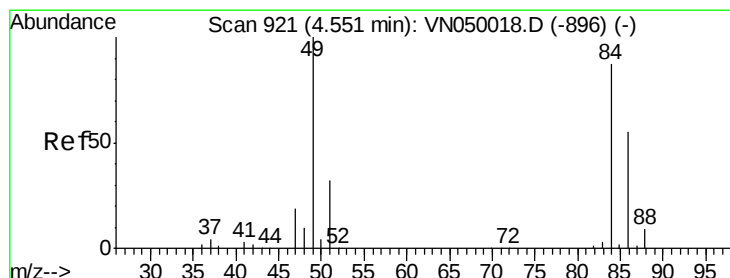
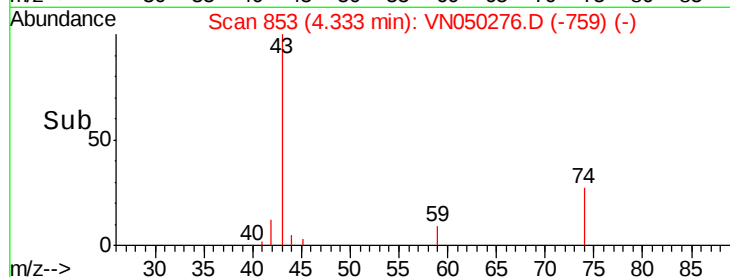
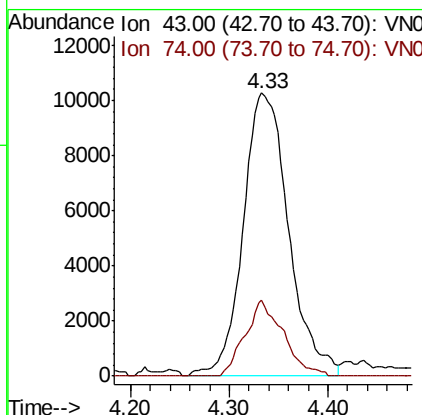
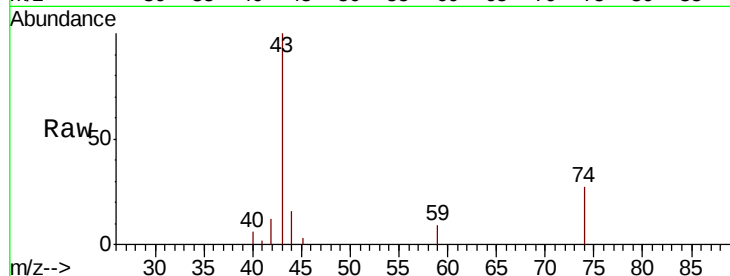




#18
Methvl Acetate
Concen: 2.470 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

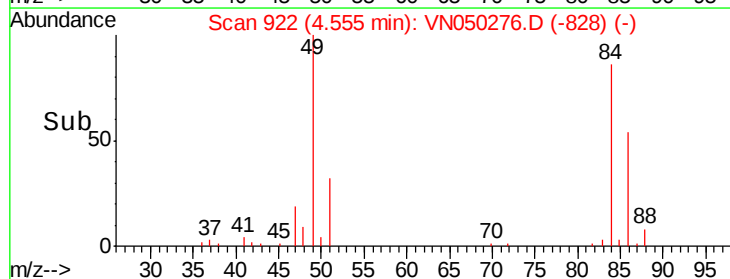
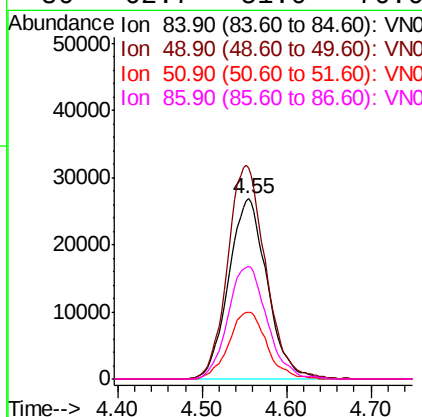
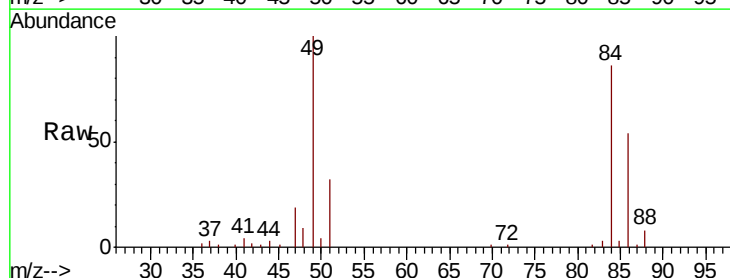
Instrument :
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EO-03-080118-C

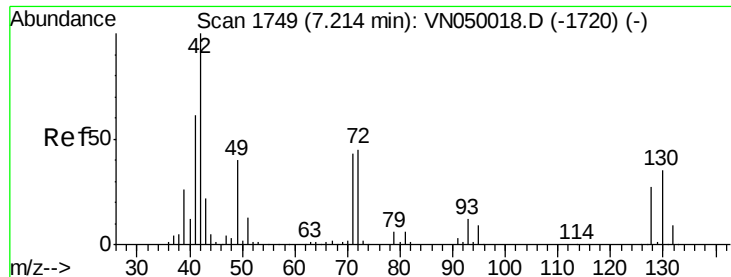
Tot Ion: 43 Resp: 32781
Ion Ratio Lower Upper
43 100
74 22.5 19.2 28.8



#20
Methylene Chloride
Concen: 9.813 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

Tgt Ion: 84 Resp: 85412
Ion Ratio Lower Upper
84 100
49 116.8 94.8 142.2
51 37.0 28.3 42.5
86 62.7 51.0 76.6





#29

Tetrahydrofuran

Concen: 1.158 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-C

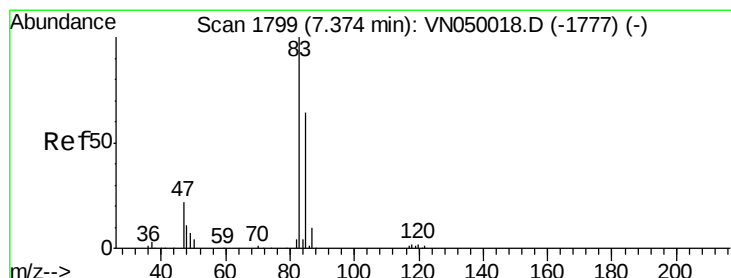
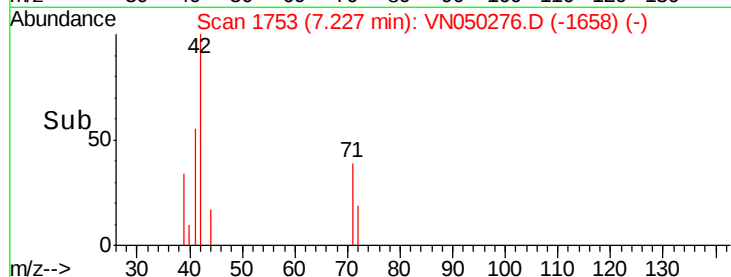
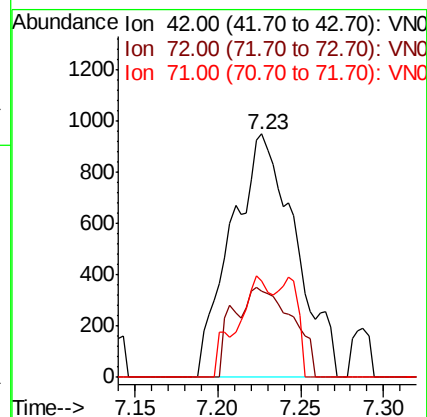
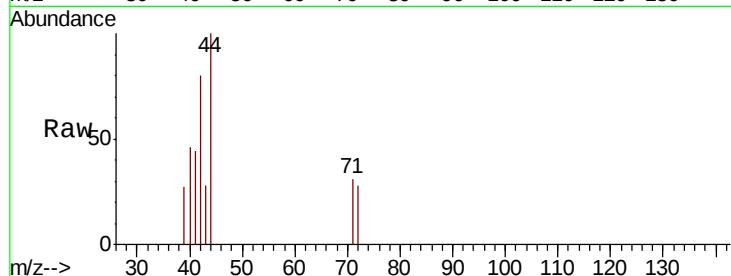
Tot Ion: 42 Resp: 2541

Ion Ratio Lower Upper

42 100

72 26.2 35.9 53.9#

71 22.2 33.7 50.5#



#30

Chloroform

Concen: 1.285 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050276.D

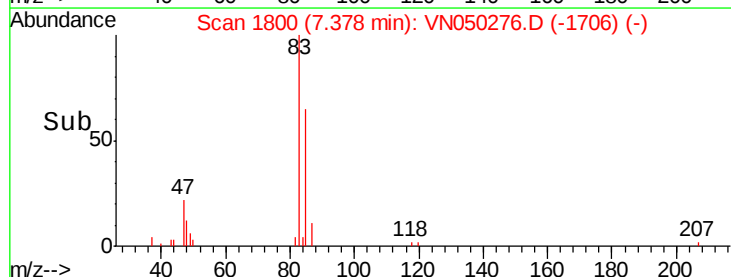
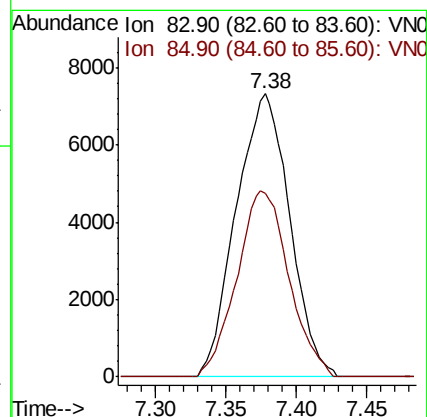
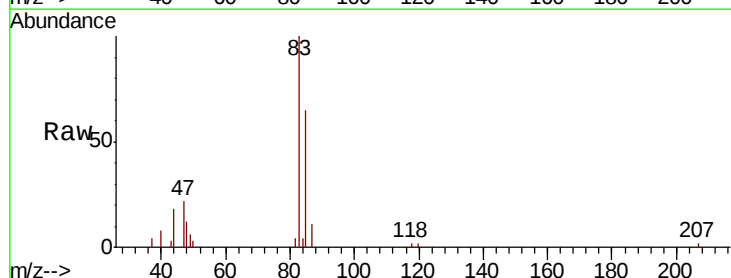
Acq: 2 Aug 2018 20:19

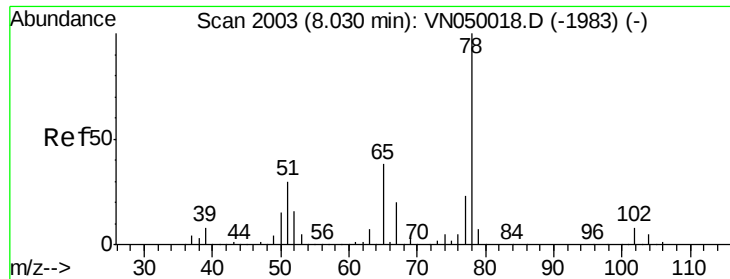
Tgt Ion: 83 Resp: 19388

Ion Ratio Lower Upper

83 100

85 64.6 52.5 78.7

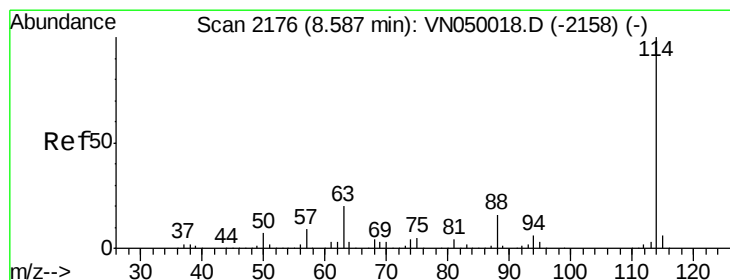
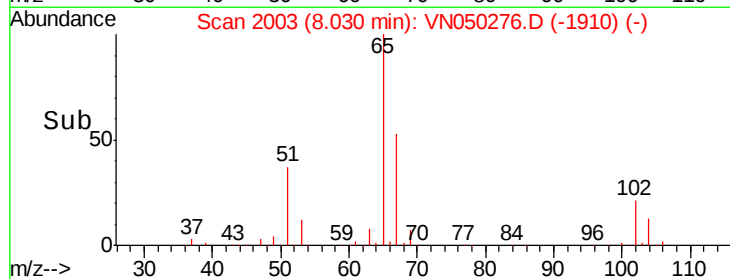
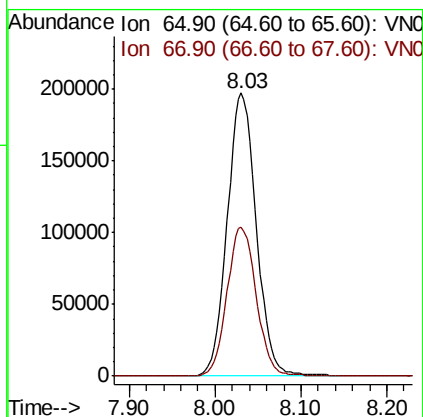
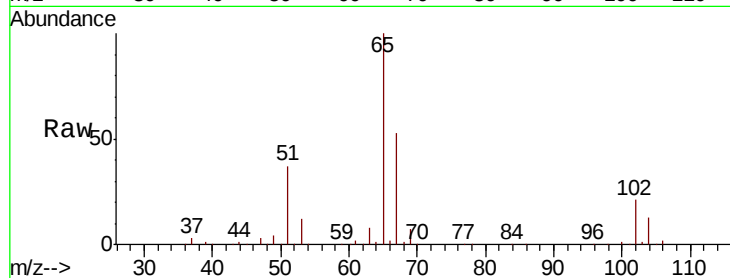




#33
 1,2-Dichloroethane-d4
 Concen: 52.018 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050276.D
 Acq: 2 Aug 2018 20:19

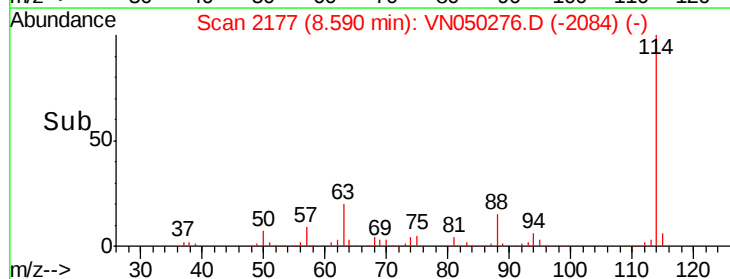
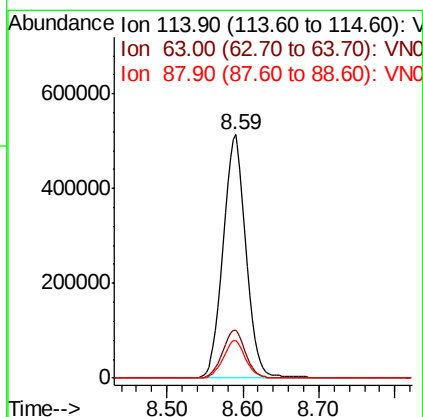
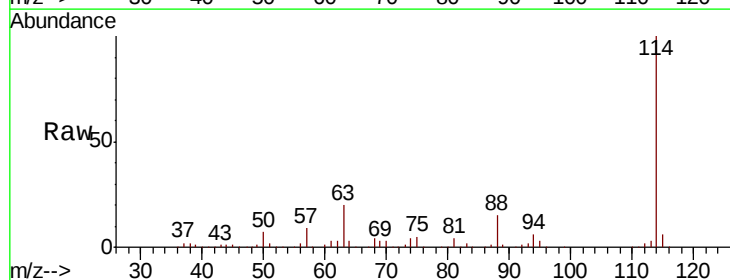
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-080118-C

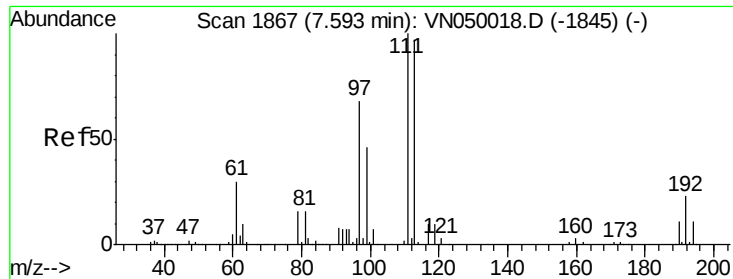
Tot Ion: 65 Resp: 463073
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050276.D
 Acq: 2 Aug 2018 20:19

Tgt Ion: 114 Resp: 1075966
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.4 0.0 31.2

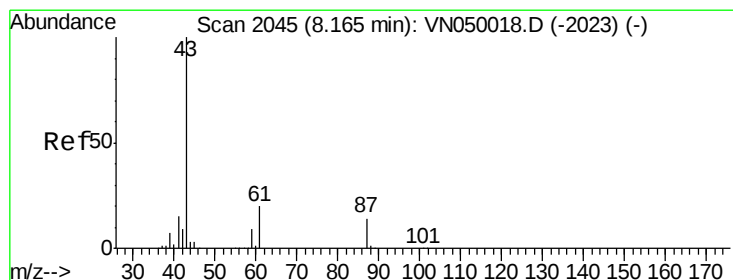
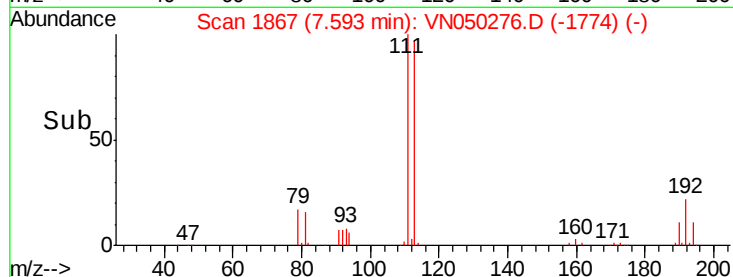
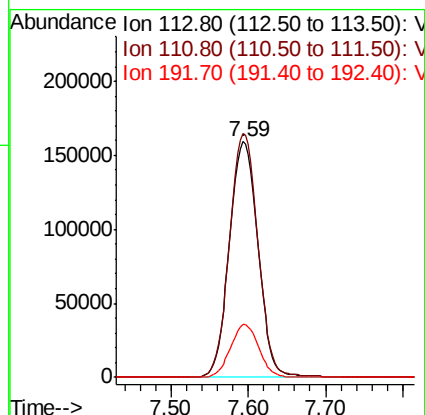
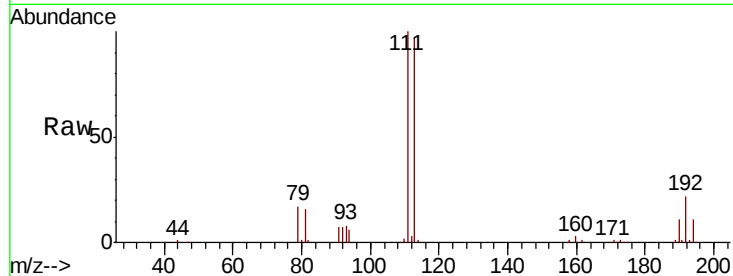




#35
 Dibromofluoromethane
 Concen: 46.620 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050276.D
 Acq: 2 Aug 2018 20:19

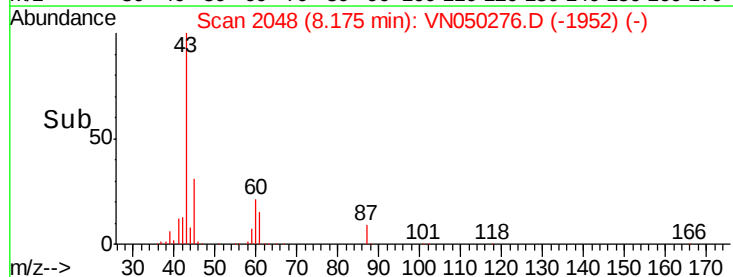
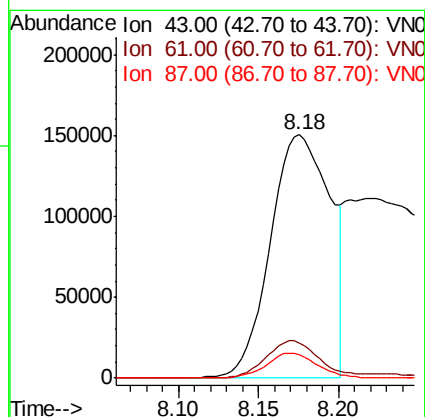
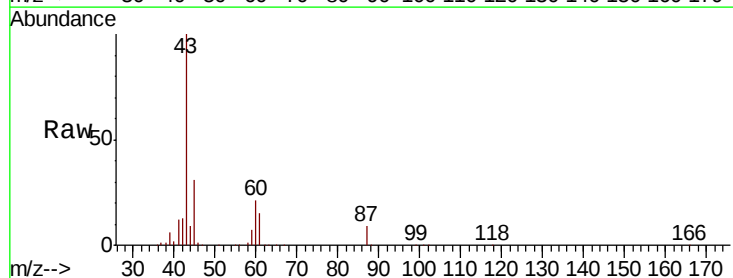
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 ClientSampleId :
 EO-03-080118-C

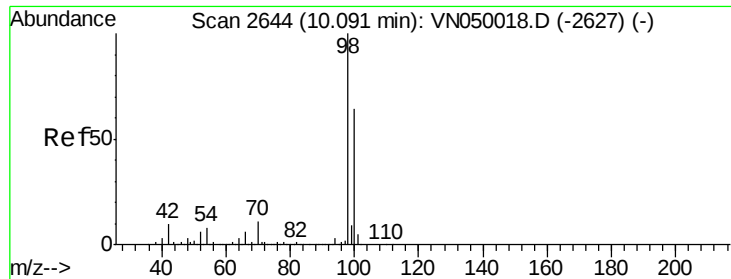
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.7	121.1
192	22.0	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 24.012 ug/l
 RT: 8.18 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN050276.D
 Acq: 2 Aug 2018 20:19

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	15.8	23.6#
87	8.7	10.3	15.5#

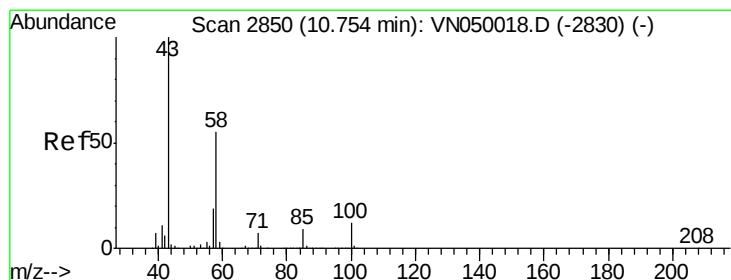
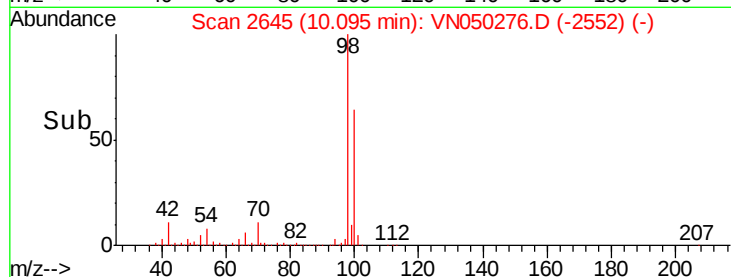
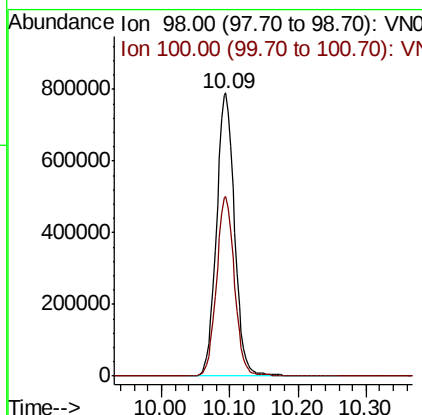
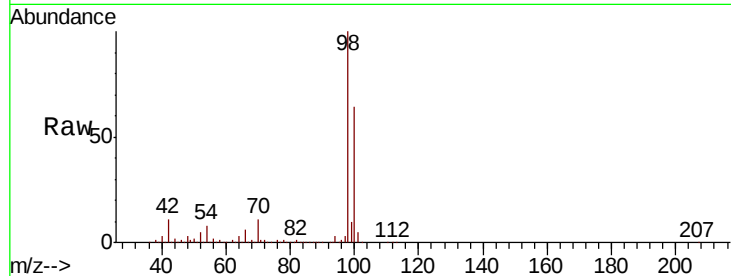




#50
Toluene-d8
Concen: 44.945 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

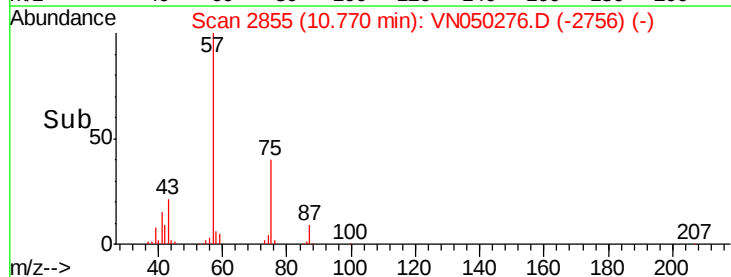
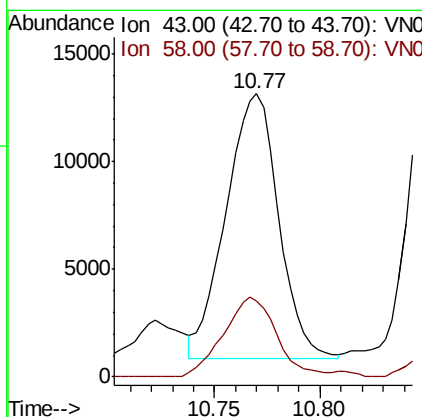
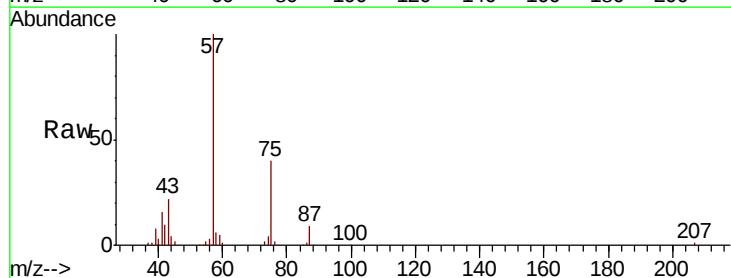
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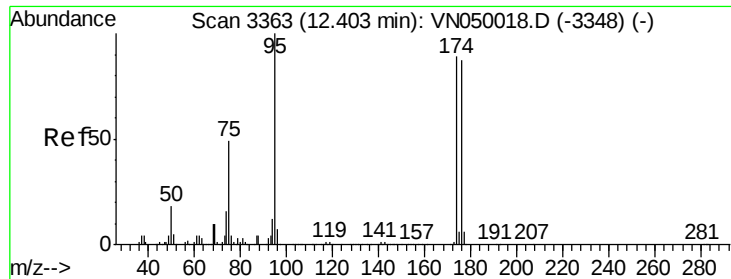
Tot Ion: 98 Resp: 1451584
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1



#59
2-Hexanone
Concen: 8.593 ug/l
RT: 10.77 min Scan# 2855
Delta R.T. 0.02 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

Tgt Ion: 43 Resp: 21315
Ion Ratio Lower Upper
43 100
58 30.5 27.6 82.7





#62

4-Bromofluorobenzene

Concen: 38.416 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-C

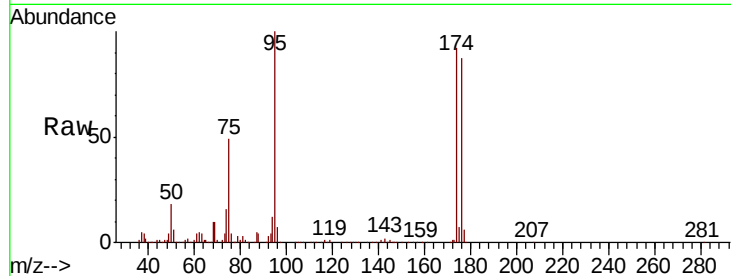
Tot Ion: 95 Resp: 408547

Ion Ratio Lower Upper

95 100

174 91.8 0.0 178.2

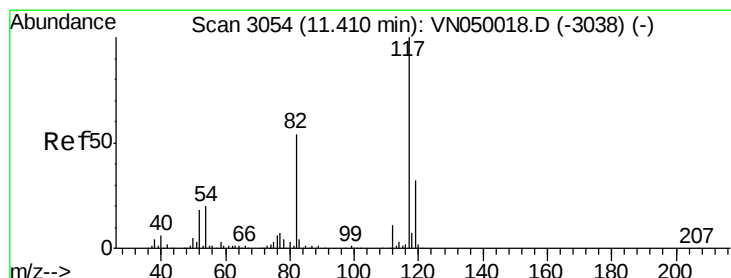
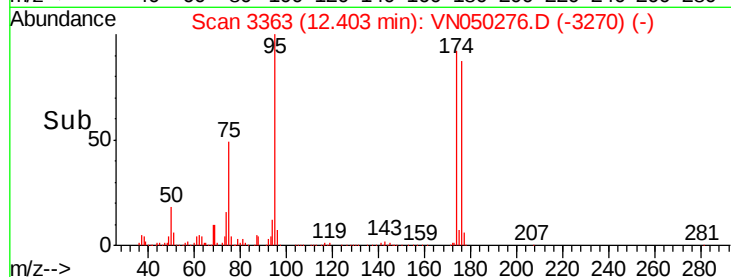
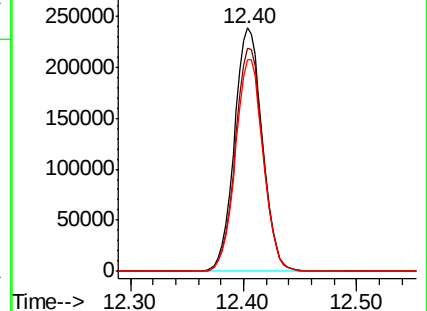
176 86.7 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

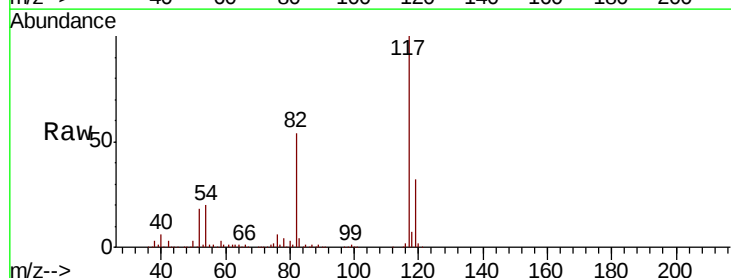
Tgt Ion: 117 Resp: 909452

Ion Ratio Lower Upper

117 100

82 54.2 43.7 65.5

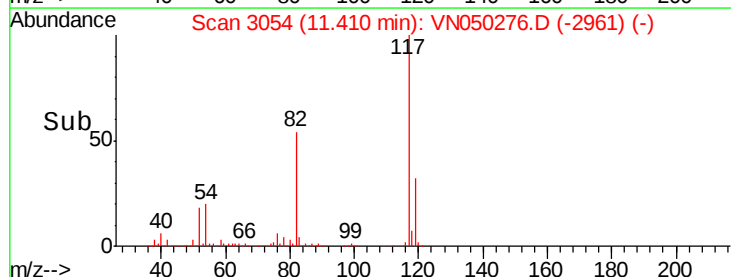
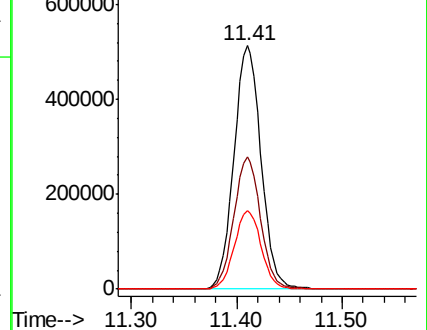
119 32.0 26.1 39.1

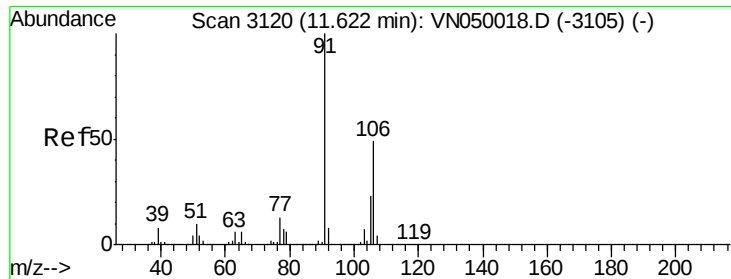


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)

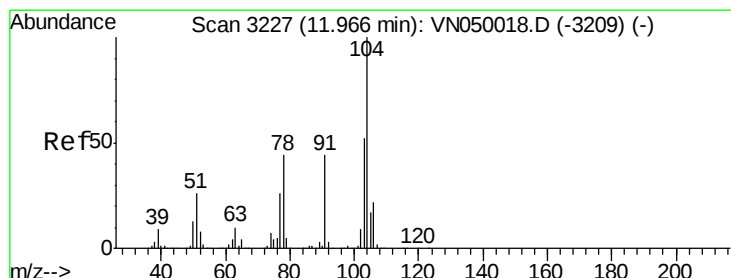
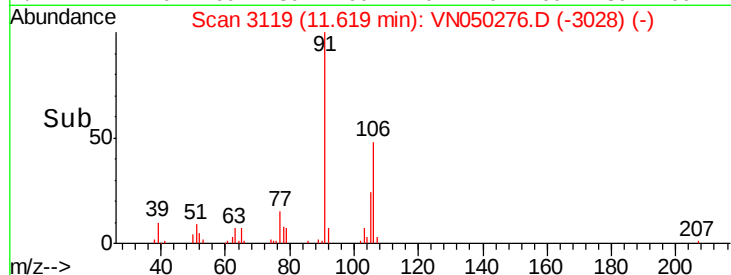
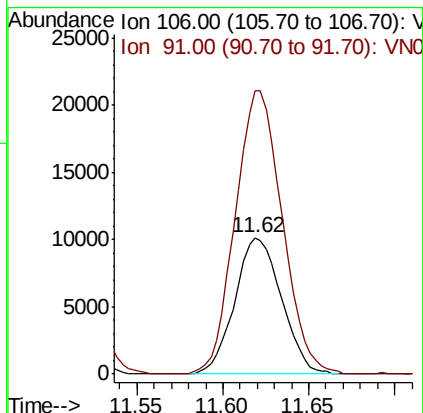
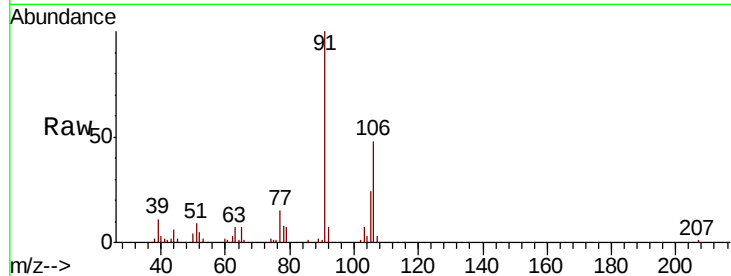




#68
m/p-Xylenes
Concen: 1.367 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

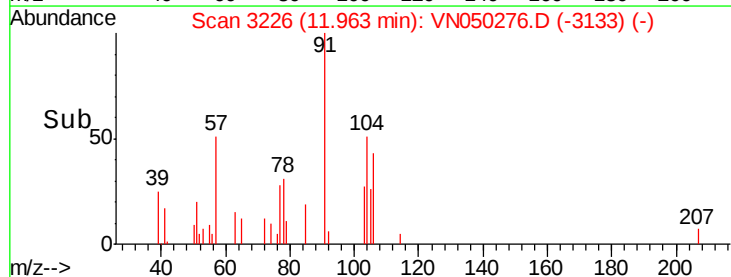
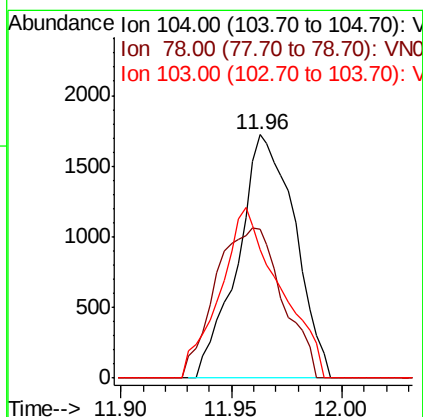
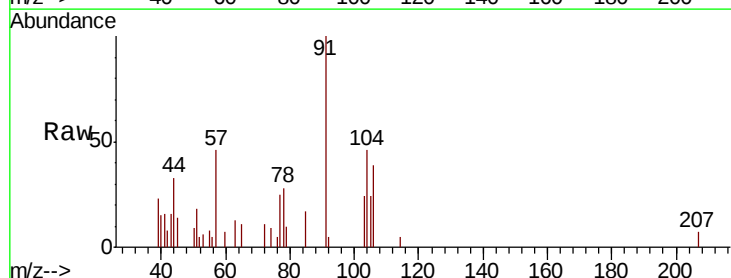
Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-C

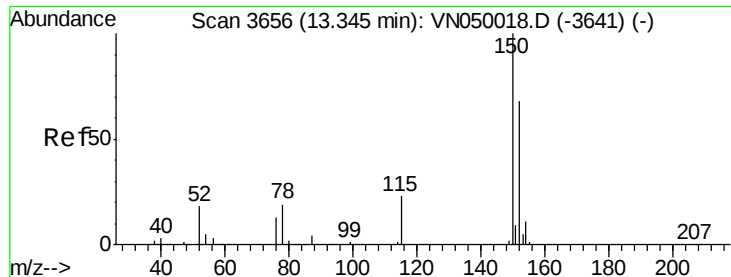
Tot Ion:106 Resp: 19077
Ion Ratio Lower Upper
106 100
91 209.0 162.2 243.2



#70
Styrene
Concen: 1.051 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

Tgt Ion:104 Resp: 3077
Ion Ratio Lower Upper
104 100
78 72.6 39.3 58.9#
103 73.7 45.0 67.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-C

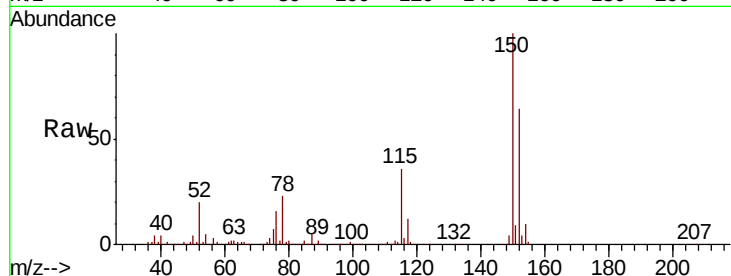
Tot Ion:152 Resp: 357621

Ion Ratio Lower Upper

152 100

115 56.7 27.8 83.3

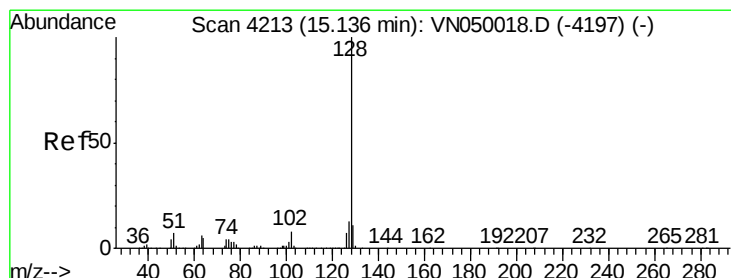
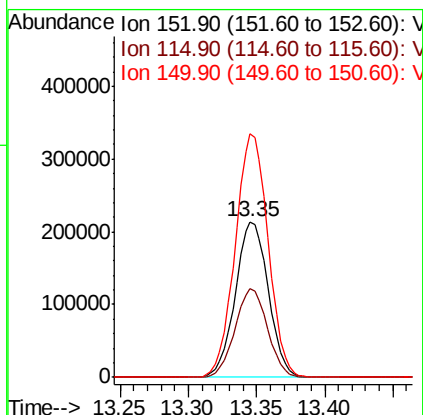
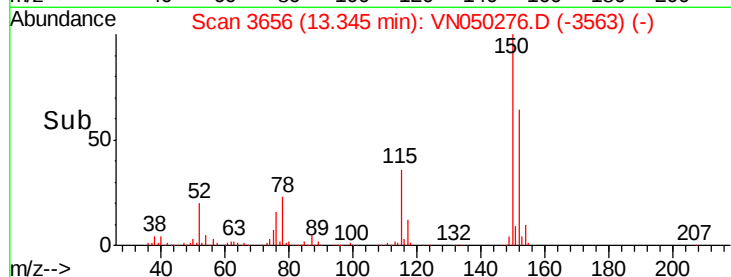
150 156.2 0.0 348.6



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: 7.412 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

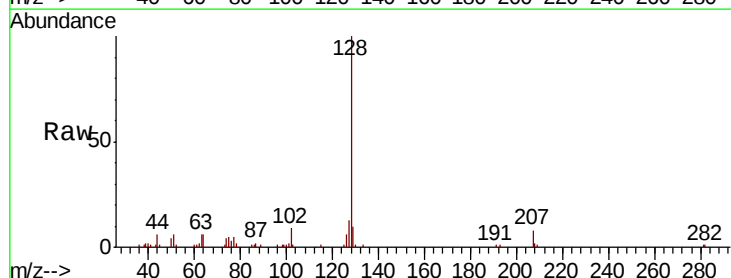
Tgt Ion:128 Resp: 53678

Ion Ratio Lower Upper

128 100

127 13.4 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

