

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
 Data File : VN052612.D
 Acq On : 30 Nov 2018 17:34
 Operator : MD\SY
 Sample : J5771-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-112918-B

Quant Time: Dec 01 02:27:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

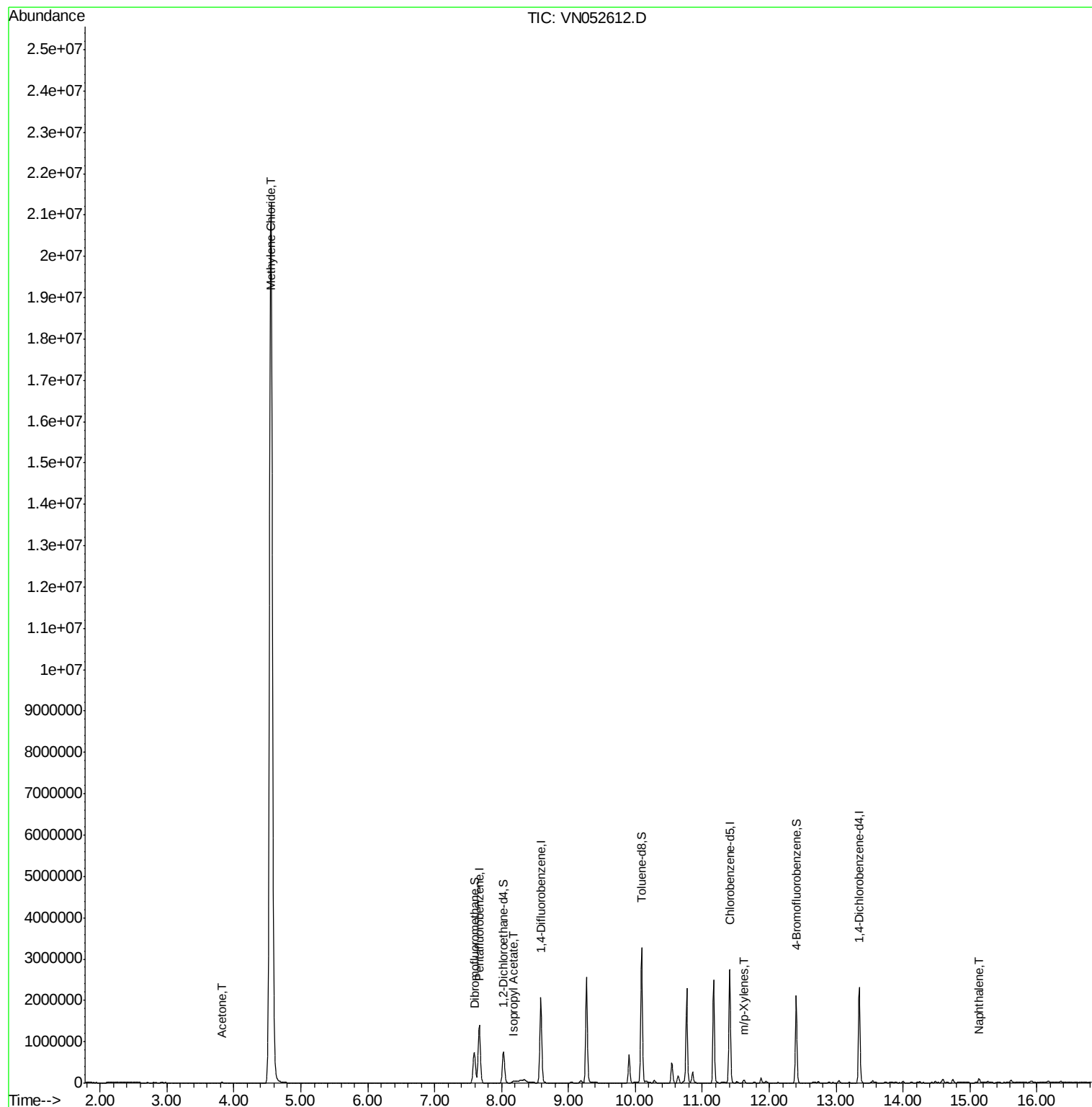
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1215828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1890498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1656575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	649871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	638271	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
35) Dibromofluoromethane	7.59	113	583790	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.09	98	2304049	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.40	95	727745	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
Target Compounds						
16) Acetone	3.82	43	30023	8.598	ug/l	93
20) Methylene Chloride	4.55	84	16287283	1191.989	ug/l	99
43) Isopropyl Acetate	8.17	43	63325	3.434	ug/l #	78
68) m/p-Xylenes	11.62	106	22893	1.028	ug/l	99
95) Naphthalene	15.13	128	90013	6.855	ug/l	100

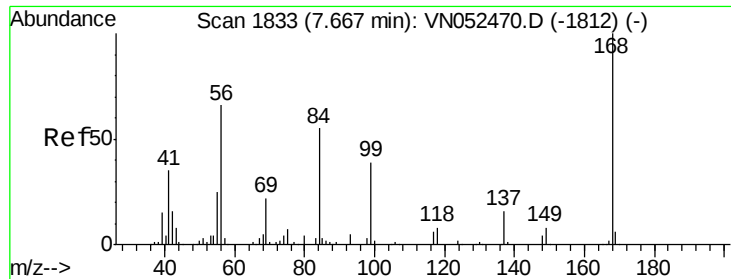
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052612.D

Acq: 30 Nov 2018 17:34

Instrument :

MSVOA_N

ClientSampleId :

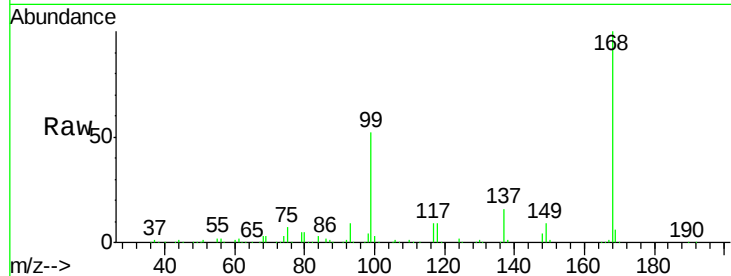
EO-02-112918-B

Tgt Ion:168 Resp: 1215828

Ion Ratio Lower Upper

168 100

99 51.8 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052470.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-1812) (-)

7.67

600000

500000

400000

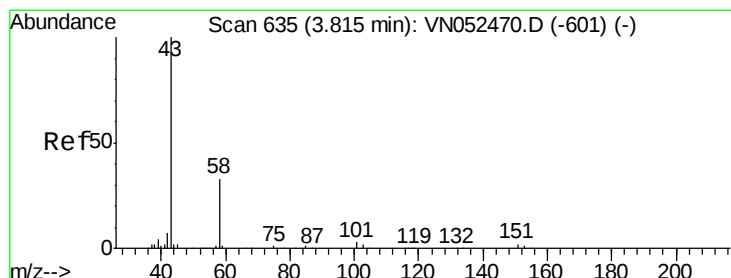
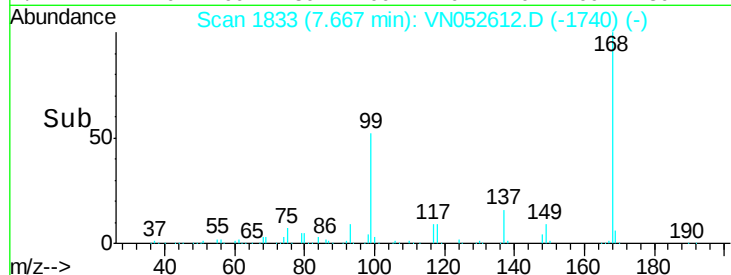
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.598 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052612.D

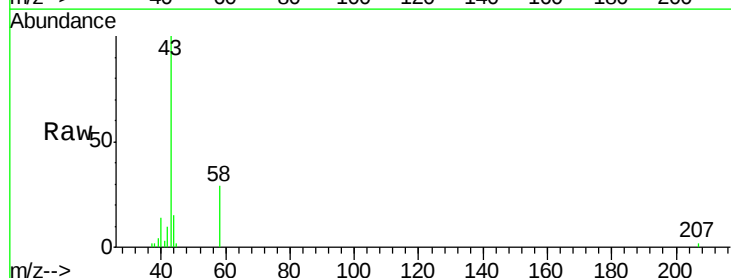
Acq: 30 Nov 2018 17:34

Tgt Ion: 43 Resp: 30023

Ion Ratio Lower Upper

43 100

58 28.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-601) (-)

3.82

12000

10000

8000

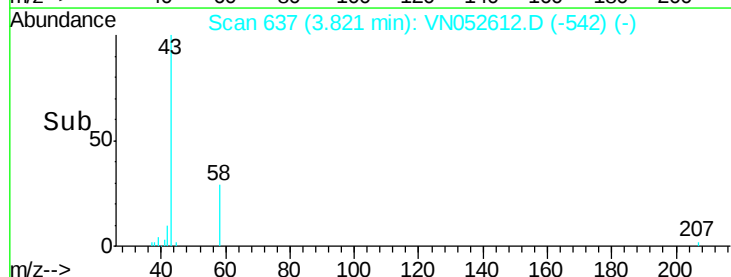
6000

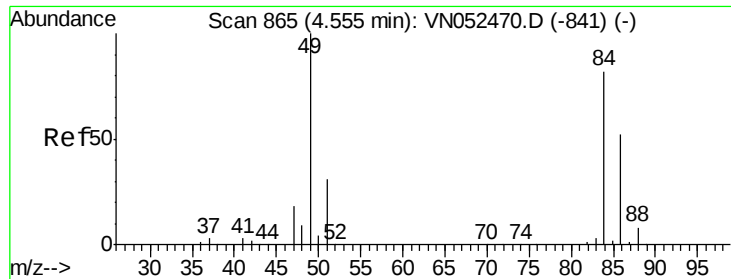
4000

2000

0

Time-->



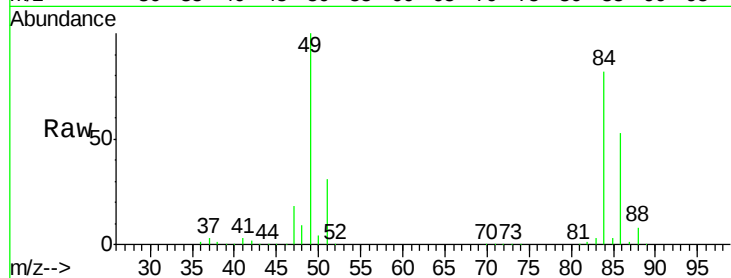


#20
Methylene Chloride
Concen: 1191.989 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052612.D
Acq: 30 Nov 2018 17:34

Instrument :
MSVOA_N
ClientSampleId :
EO-02-112918-B

Tgt Ion: 84 Resp:16287283

Ion	Ratio	Lower	Upper
84	100		
49	122.6	98.0	147.0
51	38.2	30.1	45.1
86	65.0	50.7	76.1

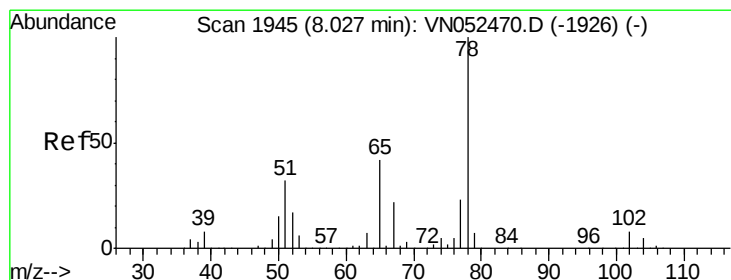
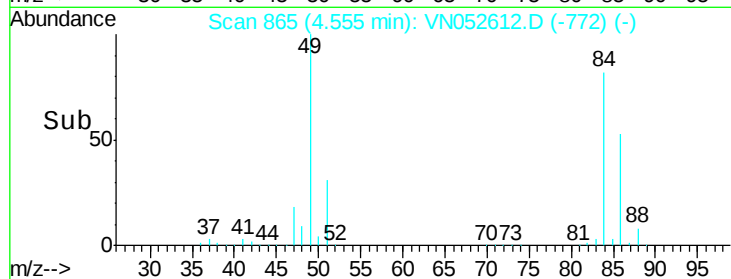
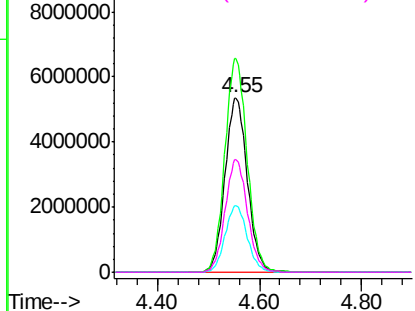


Abundance Ion 83.90 (83.60 to 84.60): VN052612.D (-772) (-)

Ion 48.90 (48.60 to 49.60): VN052612.D (-772) (-)

Ion 50.90 (50.60 to 51.60): VN052612.D (-772) (-)

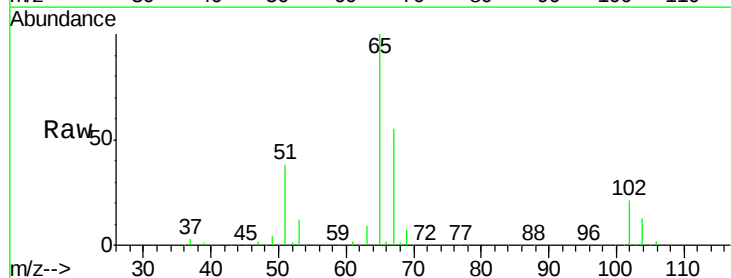
Ion 85.90 (85.60 to 86.60): VN052612.D (-772) (-)



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052612.D
Acq: 30 Nov 2018 17:34

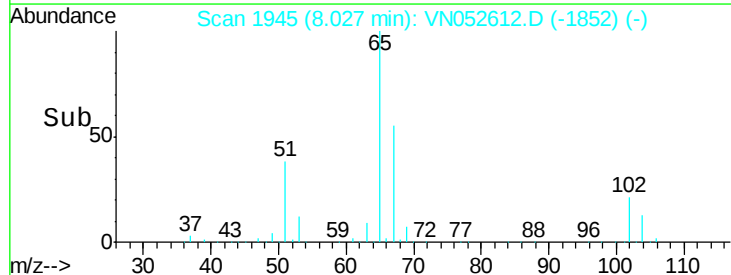
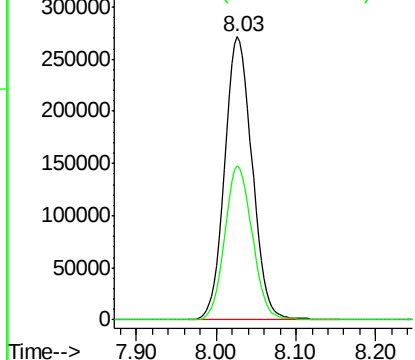
Tgt Ion: 65 Resp: 638271

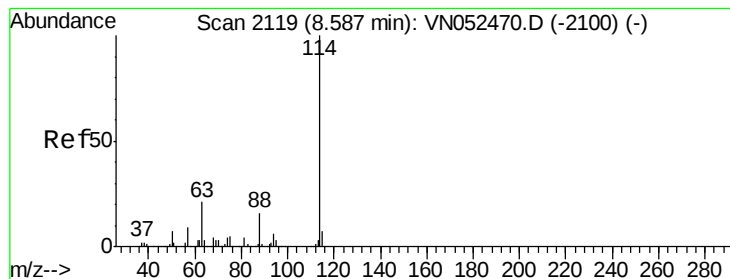
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	109.8



Abundance Ion 64.90 (64.60 to 65.60): VN052612.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052612.D (-1852) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052612.D

Acq: 30 Nov 2018 17:34

Instrument :

MSVOA_N

ClientSampleId :

EO-02-112918-B

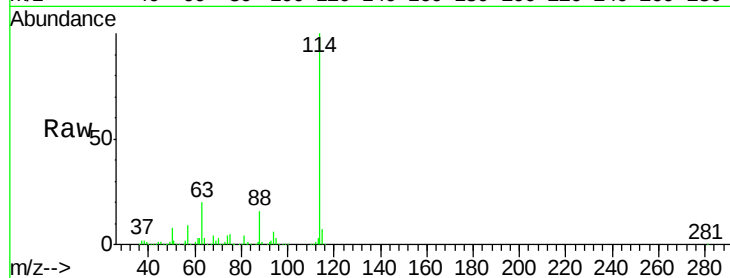
Tgt Ion:114 Resp: 1890498

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.8

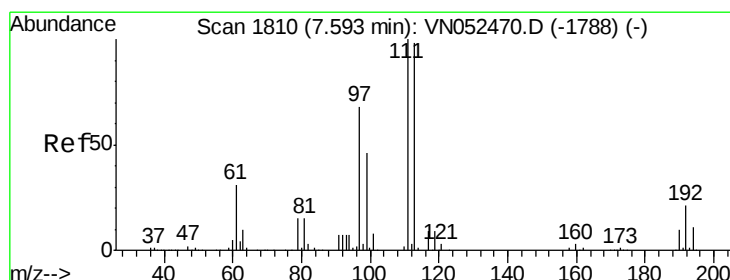
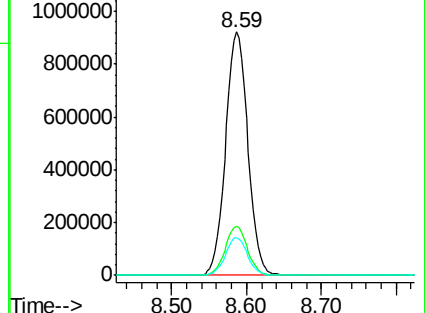
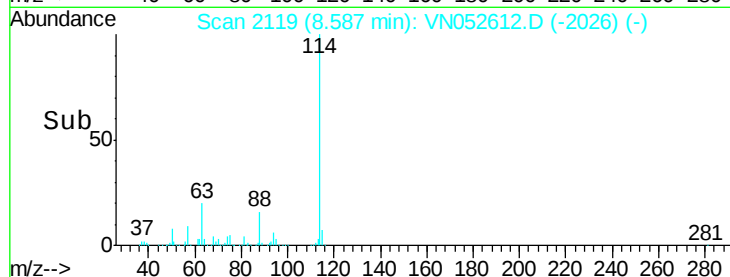
88 15.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052612.D

Acq: 30 Nov 2018 17:34

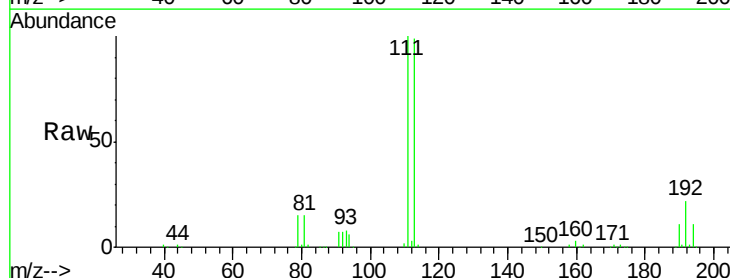
Tgt Ion:113 Resp: 583790

Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

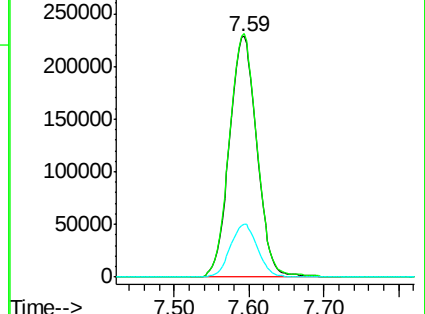
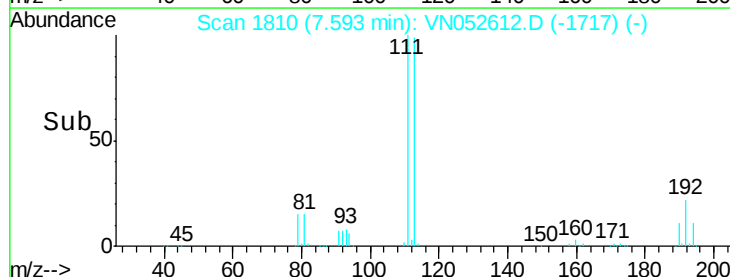
192 21.7 17.0 25.6

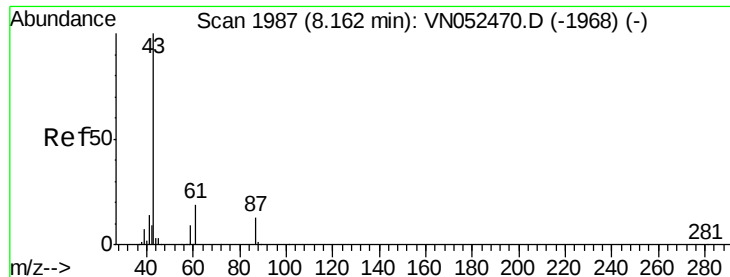


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.434 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052612.D

Acq: 30 Nov 2018 17:34

Instrument :

MSVOA_N

ClientSampleId :

EO-02-112918-B

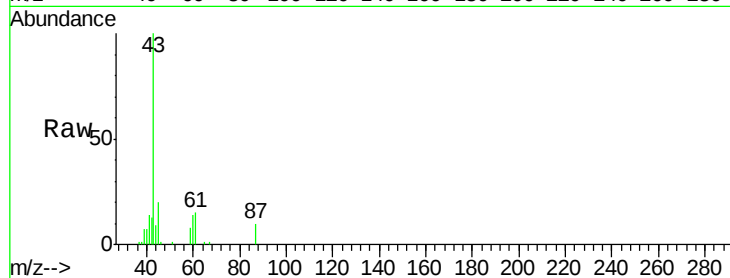
Tgt Ion: 43 Resp: 63325

Ion Ratio Lower Upper

43 100

61 15.7 24.1 36.1#

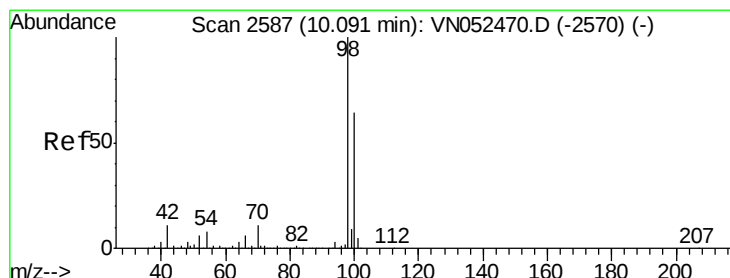
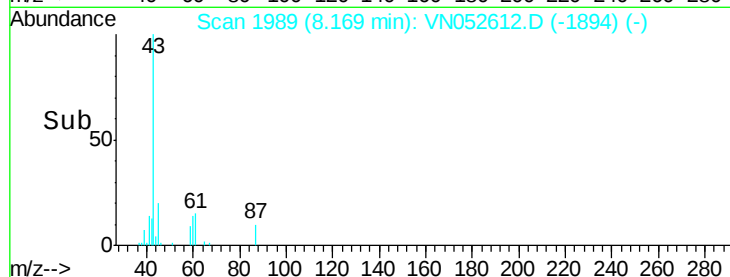
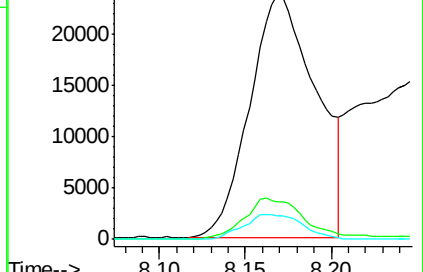
87 9.1 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052612.D

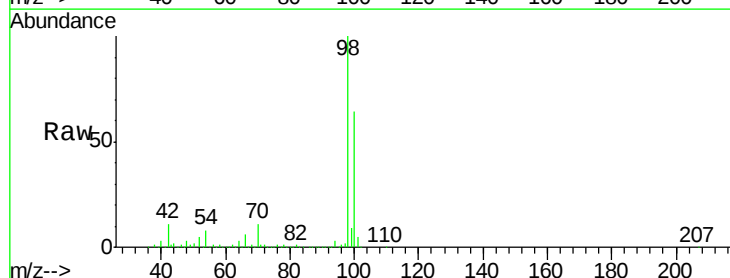
Acq: 30 Nov 2018 17:34

Tgt Ion: 98 Resp: 2304049

Ion Ratio Lower Upper

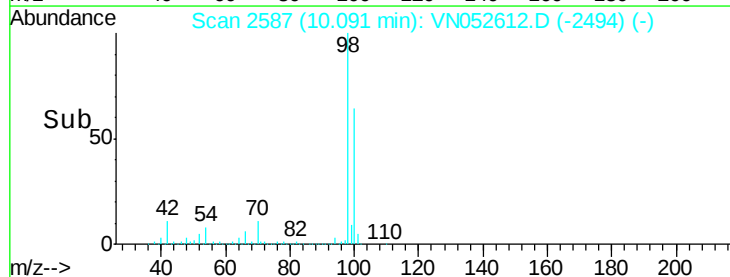
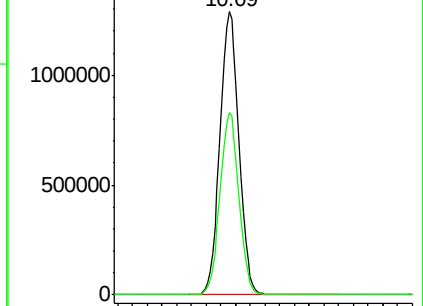
98 100

100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052612.D

Acq: 30 Nov 2018 17:34

Instrument :

MSVOA_N

ClientSampleId :

EO-02-112918-B

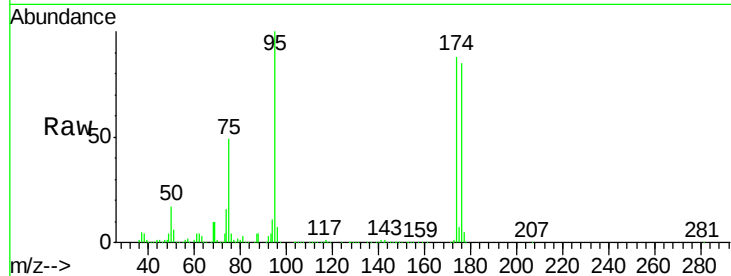
Tgt Ion: 95 Resp: 727745

Ion Ratio Lower Upper

95 100

174 87.9 0.0 173.0

176 84.3 0.0 166.2



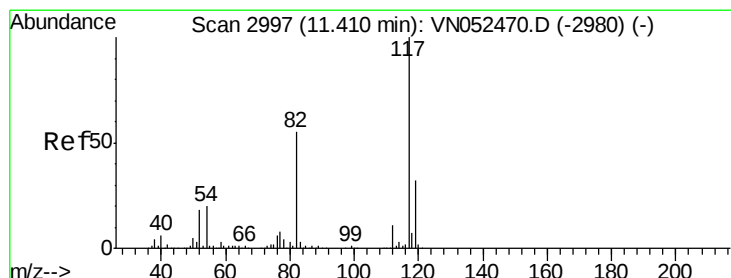
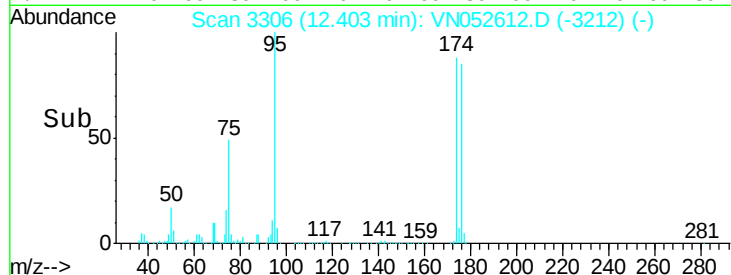
Abundance Ion 94.90 (94.60 to 95.60): VN052612.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052612.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052612.D (-3291) (-)

12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052612.D

Acq: 30 Nov 2018 17:34

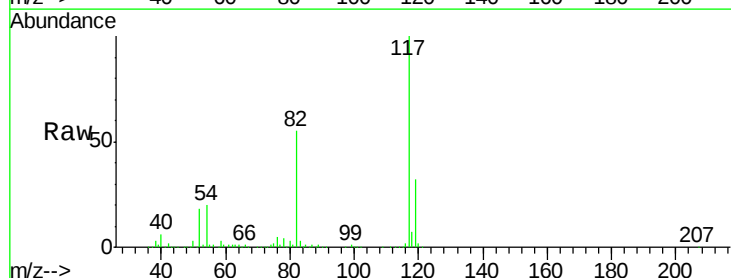
Tgt Ion: 117 Resp: 1656575

Ion Ratio Lower Upper

117 100

82 54.8 43.6 65.4

119 32.0 25.4 38.2



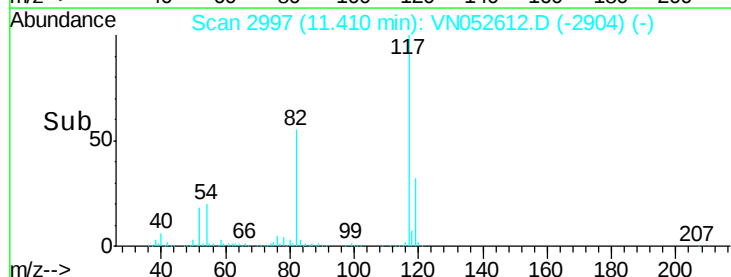
Abundance Ion 116.90 (116.60 to 117.60): VN052612.D (-2980) (-)

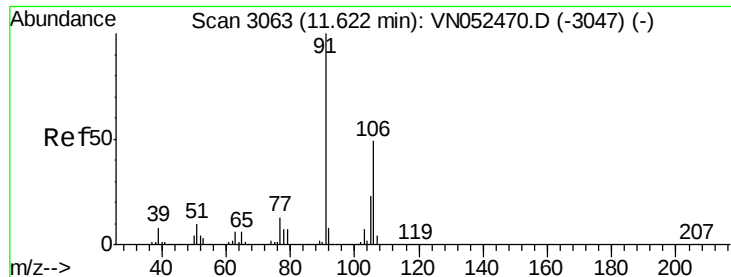
Ion 82.00 (81.70 to 82.70): VN052612.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052612.D (-2980) (-)

11.41

Time-->

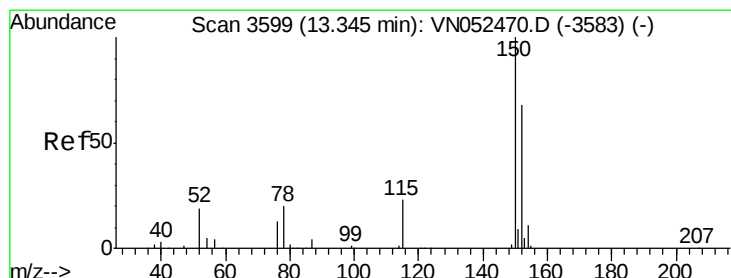
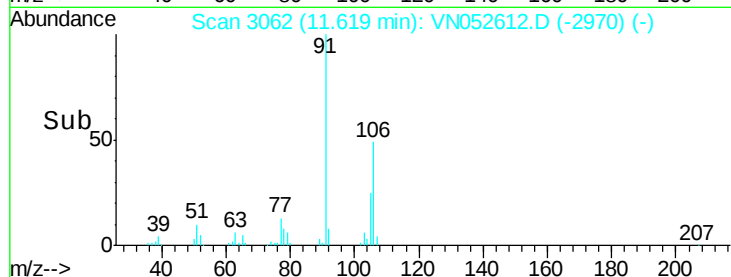
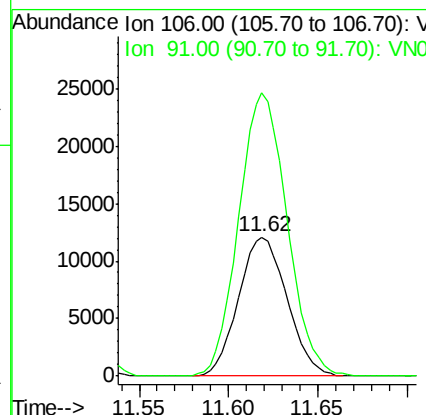
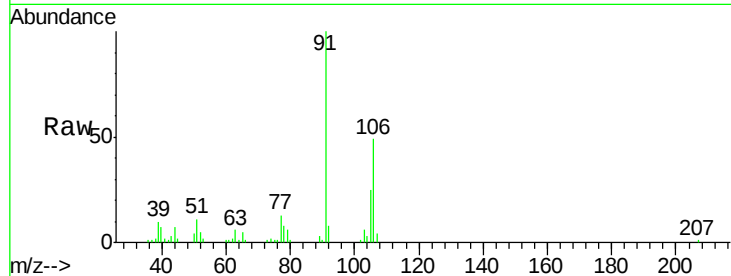




#68
m/p-Xylenes
Concen: 1.028 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052612.D
Acq: 30 Nov 2018 17:34

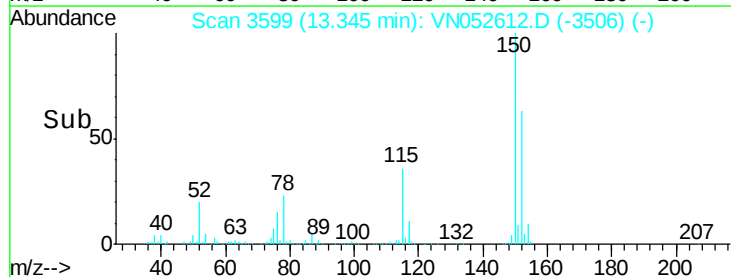
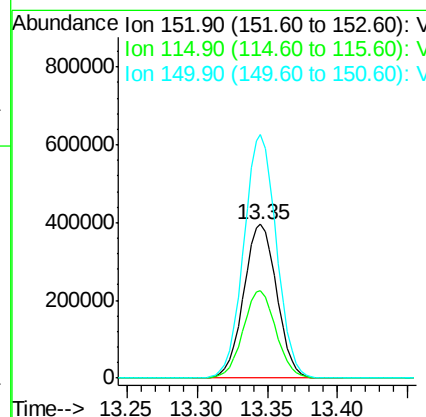
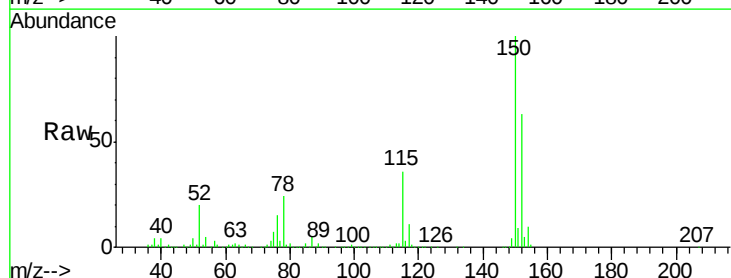
Instrument :
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EO-02-112918-B

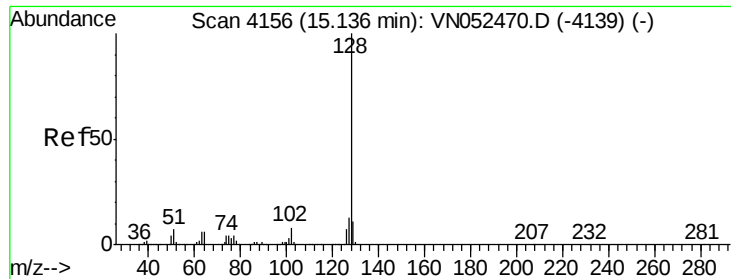
Tgt Ion:106 Resp: 22893
Ion Ratio Lower Upper
106 100
91 202.8 163.2 244.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052612.D
Acq: 30 Nov 2018 17:34

Tgt Ion:152 Resp: 649871
Ion Ratio Lower Upper
152 100
115 56.4 28.4 85.2
150 156.3 0.0 346.0

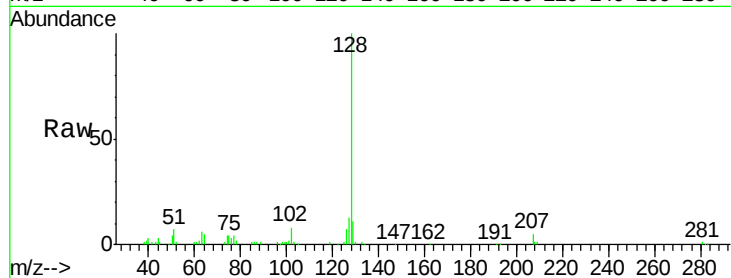




#95
Naphthalene
Concen: 6.855 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052612.D
Acq: 30 Nov 2018 17:34

Instrument :
MSVOA_N
ClientSampleId :
EO-02-112918-B

Tgt Ion:128 Resp: 90013
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.7 13.1



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

