

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052774.D
 Acq On : 11 Dec 2018 1:51
 Operator : MD\SY
 Sample : J6196-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-120718-A

Quant Time: Dec 11 03:35:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

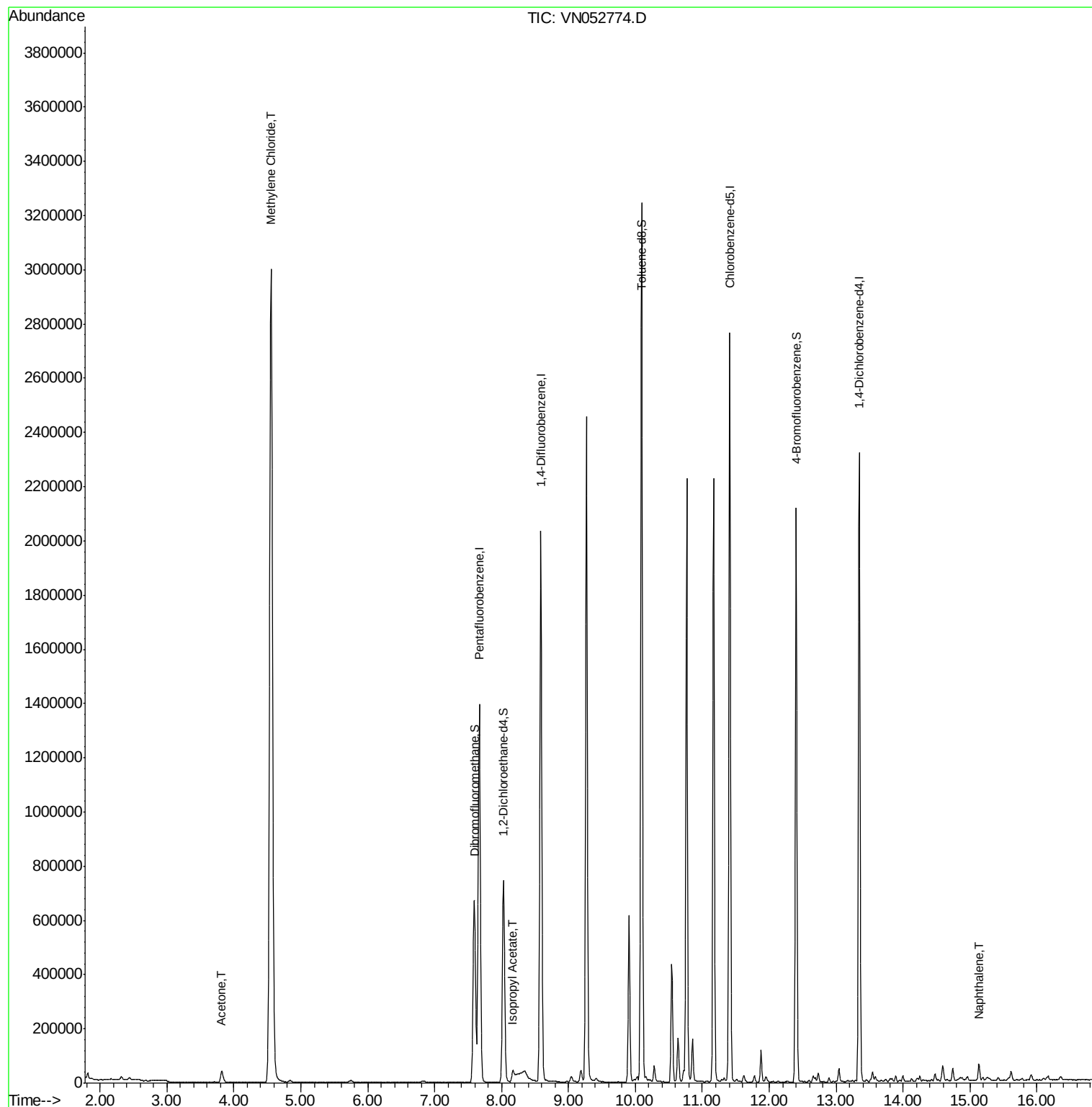
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1224493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1879250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1659465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	656709	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	638328	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
35) Dibromofluoromethane	7.59	113	528298	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
50) Toluene-d8	10.09	98	2292382	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.40	95	732401	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
Target Compounds						
16) Acetone	3.82	43	75061	21.345	ug/l	99
20) Methylene Chloride	4.55	84	2328972	169.240	ug/l	99
43) Isopropyl Acetate	8.17	43	59180	3.229	ug/l #	77
95) Naphthalene	15.13	128	53616	5.448	ug/l	98

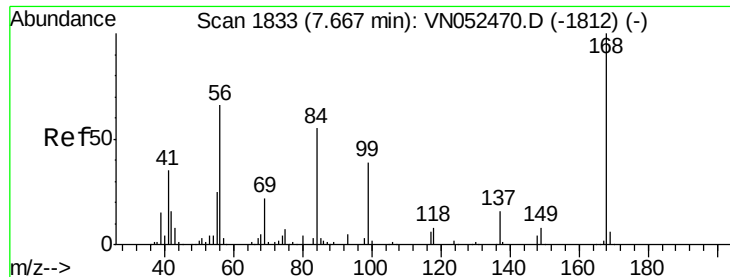
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052774.D

Acq: 11 Dec 2018 1:51

Instrument :

MSVOA_N

ClientSampleId :

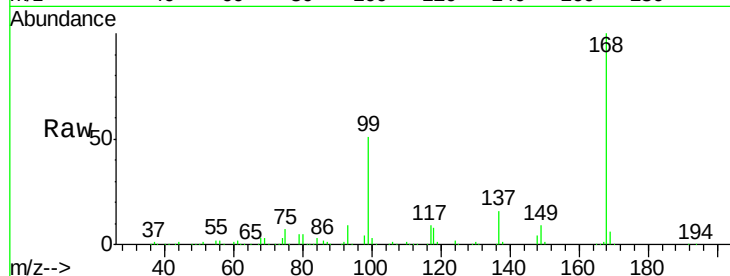
EO-03-120718-A

Tot Ion:168 Resp: 1224493

Ion Ratio Lower Upper

168 100

99 51.1 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

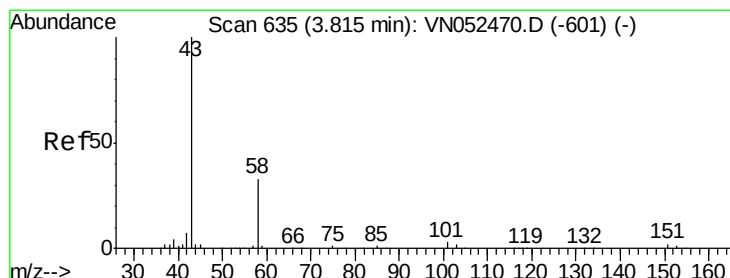
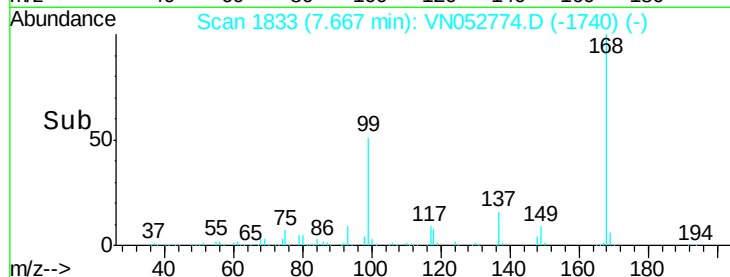
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 21.345 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052774.D

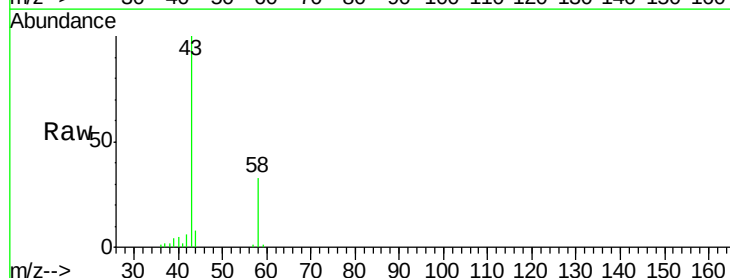
Acq: 11 Dec 2018 1:51

Tgt Ion: 43 Resp: 75061

Ion Ratio Lower Upper

43 100

58 32.0 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

30000

25000

20000

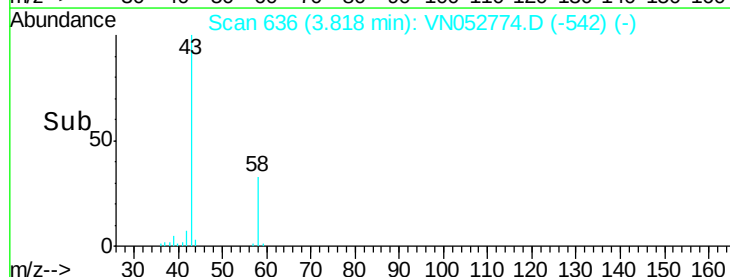
15000

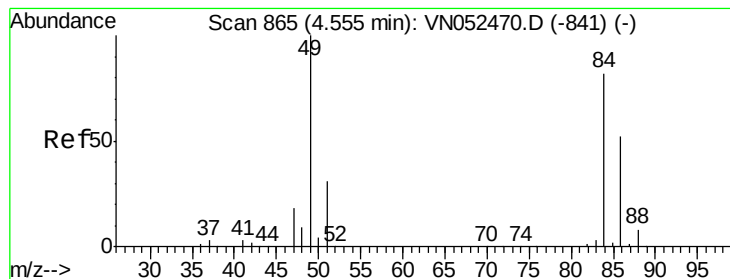
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 169.240 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052774.D

Acq: 11 Dec 2018 1:51

Instrument :

MSVOA_N

ClientSampleId :

EO-03-120718-A

Tot Ion: 84 Resp: 2328972

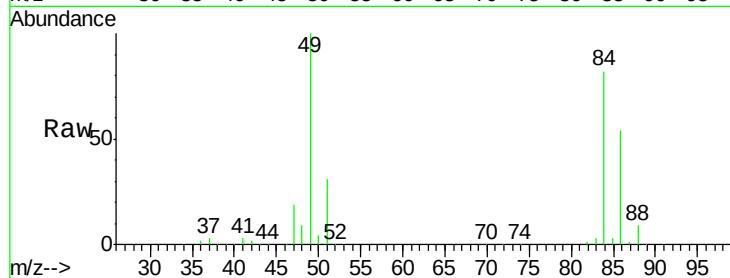
Ion	Ratio	Lower	Upper
84	100		
49	121.4	98.0	147.0
51	37.3	30.1	45.1
86	64.9	50.7	76.1

84 100

49 121.4 98.0 147.0

51 37.3 30.1 45.1

86 64.9 50.7 76.1

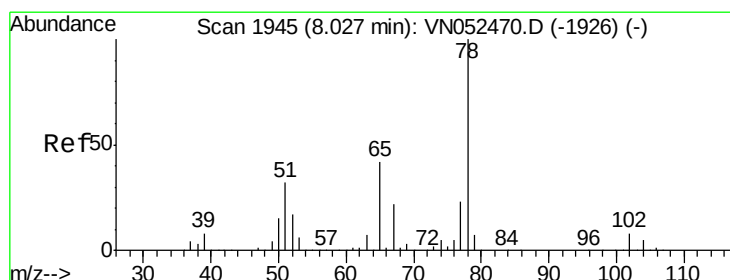
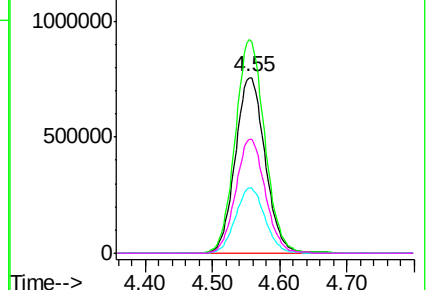
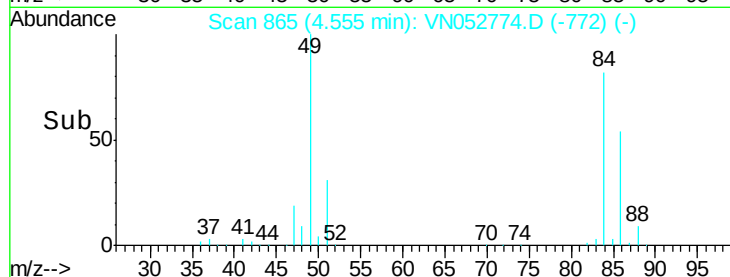


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052774.D

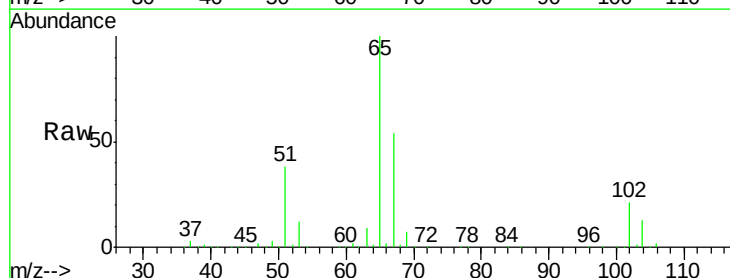
Acq: 11 Dec 2018 1:51

Tgt Ion: 65 Resp: 638328

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	109.8

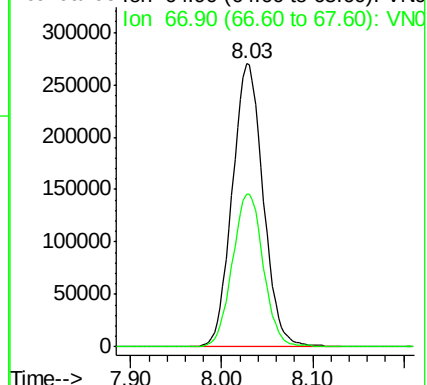
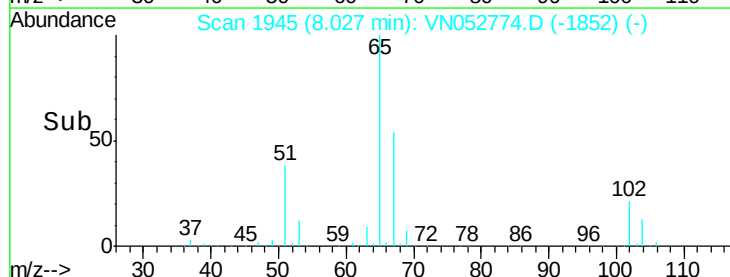
65 100

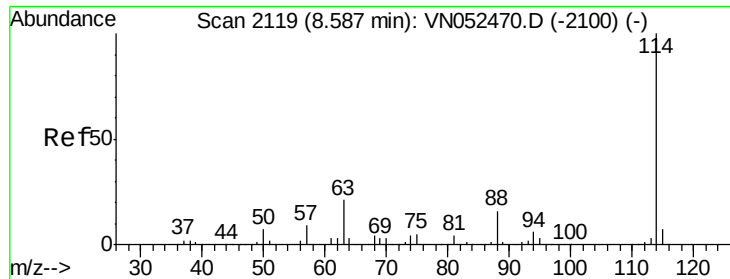
67 54.1 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

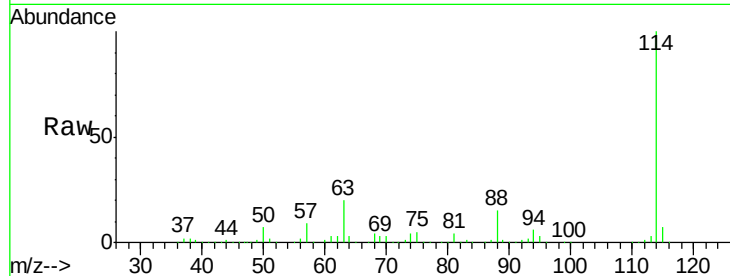




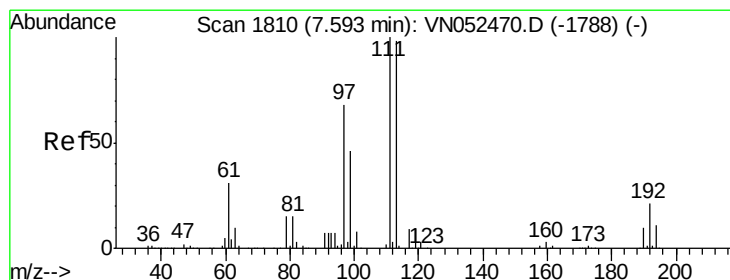
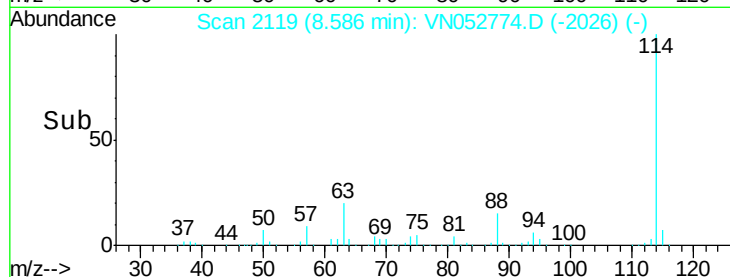
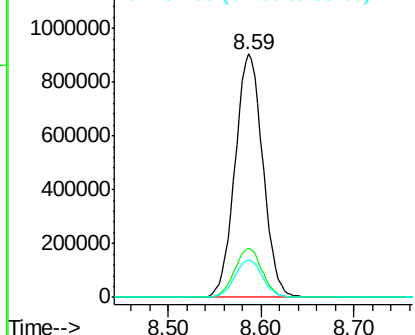
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052774.D
 Acq: 11 Dec 2018 1:51

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-120718-A

Tot Ion:114 Resp: 1879250
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.8
 88 15.4 0.0 31.6

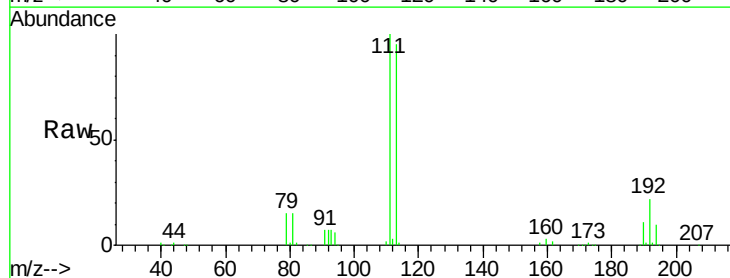


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

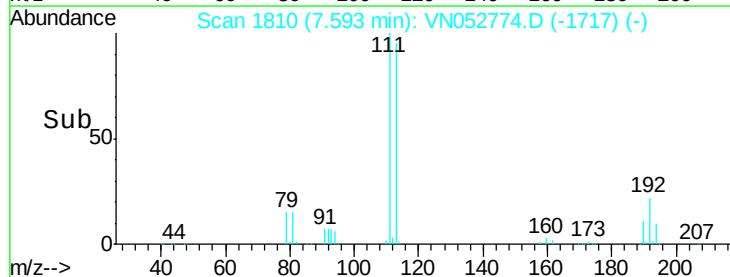
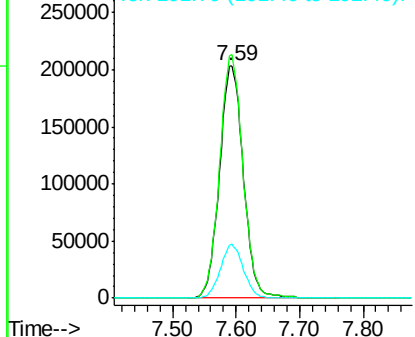


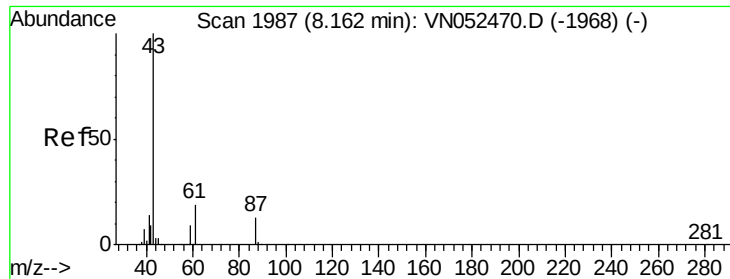
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052774.D
 Acq: 11 Dec 2018 1:51

Tgt Ion:113 Resp: 528298
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 22.3 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: 3.229 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052774.D

Acq: 11 Dec 2018 1:51

Instrument :

MSVOA_N

ClientSampleId :

EO-03-120718-A

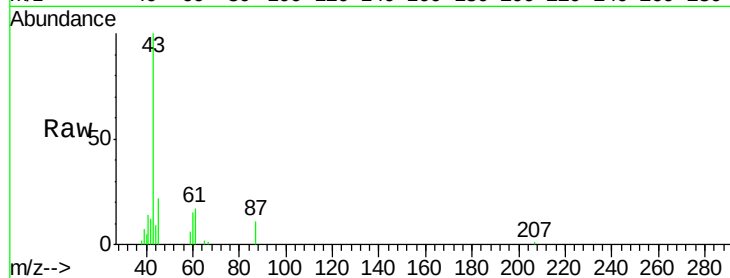
Tot Ion: 43 Resp: 59180

Ion Ratio Lower Upper

43 100

61 14.8 24.1 36.1#

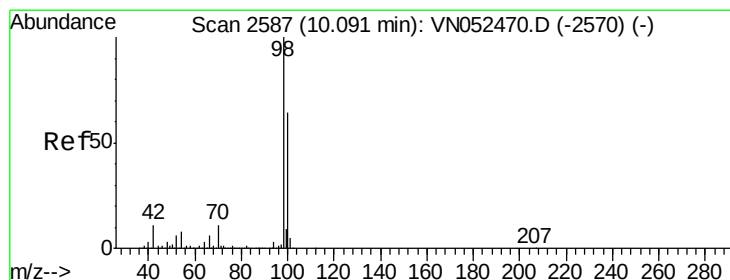
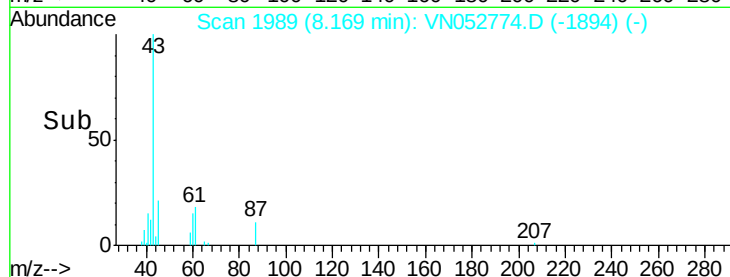
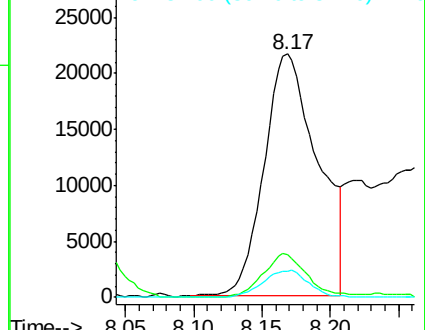
87 9.4 10.6 15.8#



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: VN052774.D

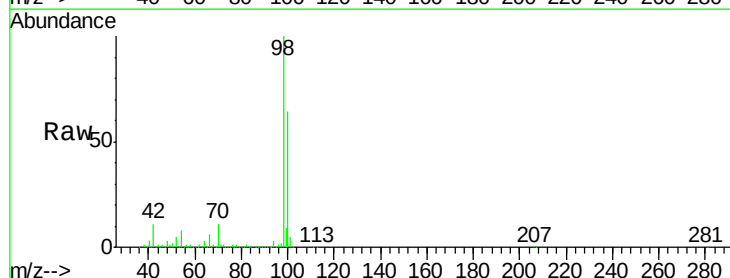
Acq: 11 Dec 2018 1:51

Tgt Ion: 98 Resp: 2292382

Ion Ratio Lower Upper

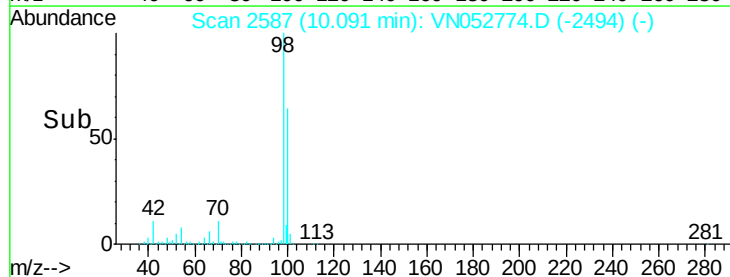
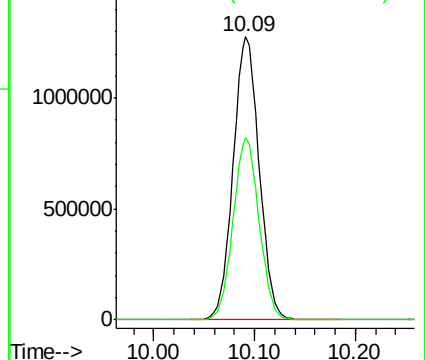
98 100

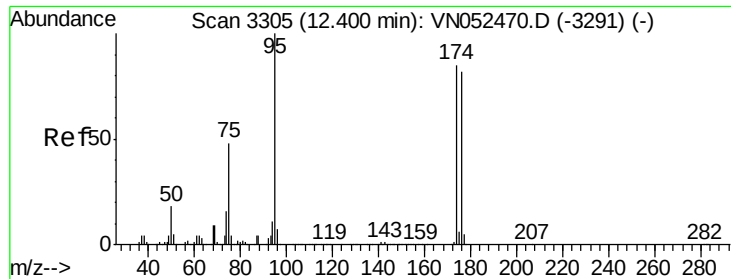
100 64.2 51.3 76.9



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: VN052774.D

Acq: 11 Dec 2018 1:51

Instrument :

MSVOA_N

ClientSampleId :

EO-03-120718-A

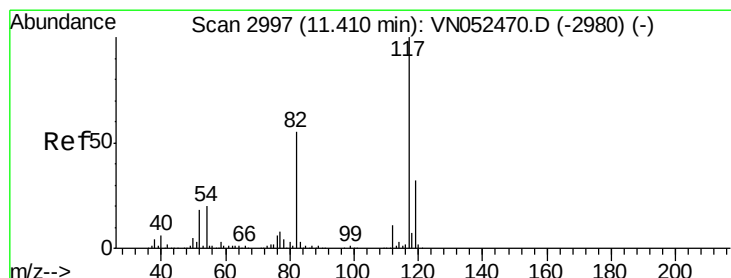
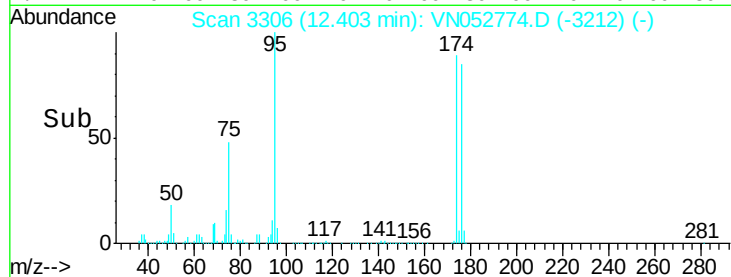
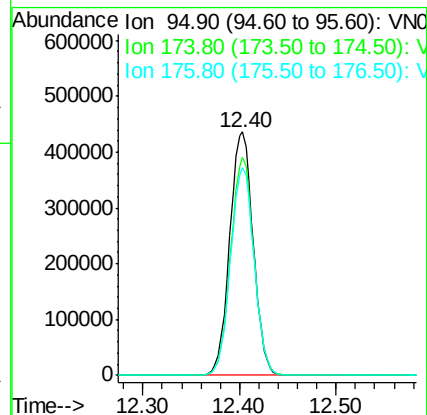
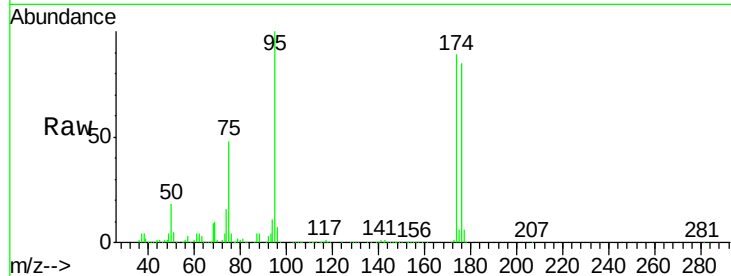
Tot Ion: 95 Resp: 732401

Ion Ratio Lower Upper

95 100

174 89.1 0.0 173.0

176 85.8 0.0 166.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052774.D

Acq: 11 Dec 2018 1:51

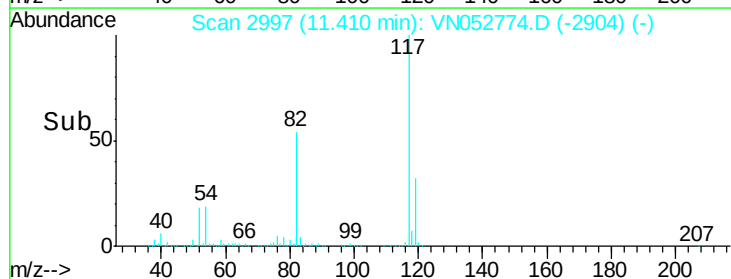
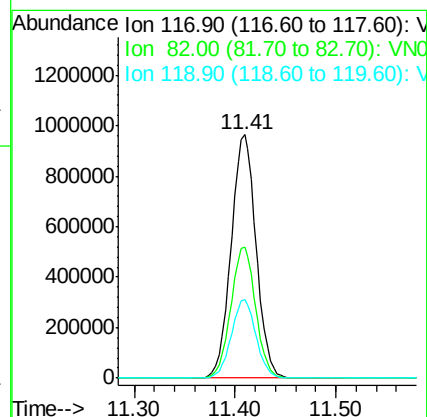
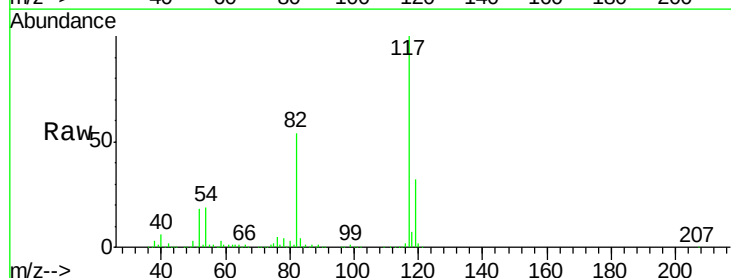
Tgt Ion: 117 Resp: 1659465

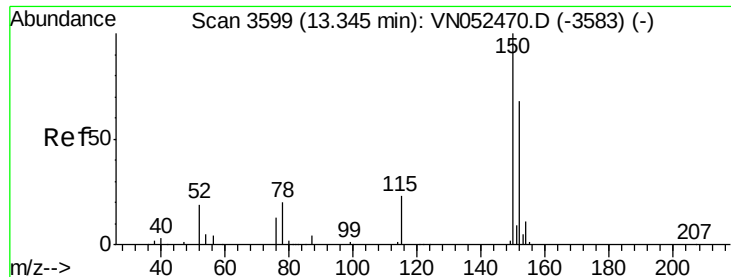
Ion Ratio Lower Upper

117 100

82 53.6 43.6 65.4

119 32.3 25.4 38.2

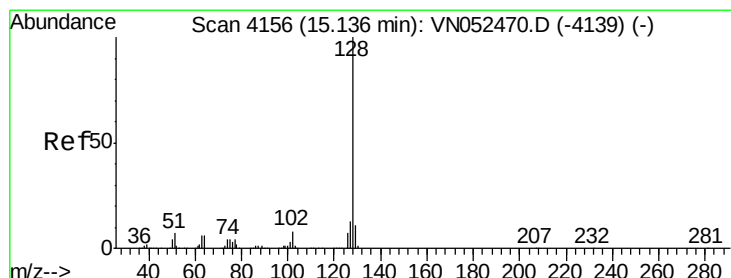
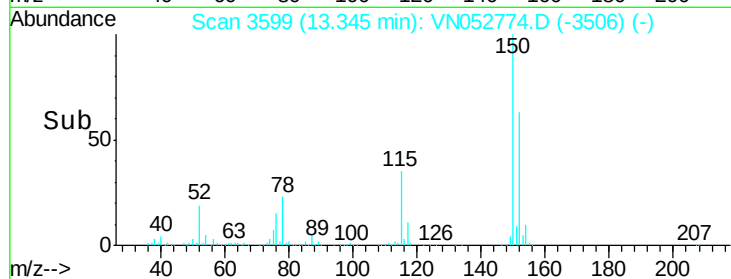
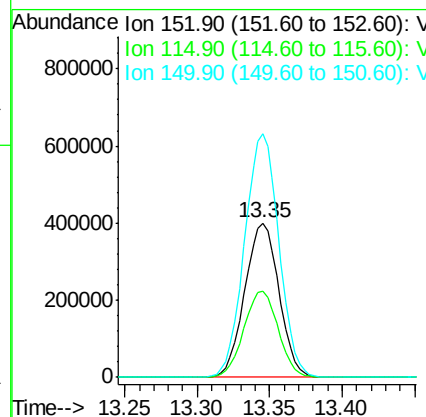
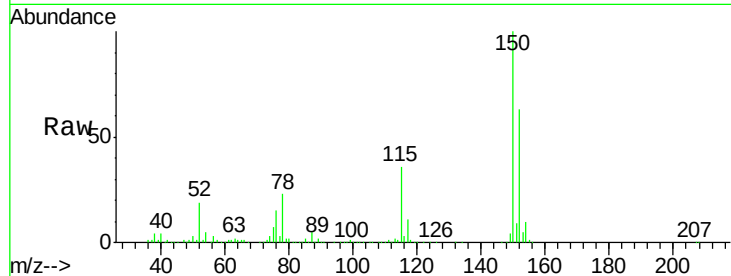




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. -0.00 min
 Lab File: VN052774.D
 Acq: 11 Dec 2018 1:51

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-120718-A

Tot Ion:152 Resp: 656709
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.4 85.2
 150 158.0 0.0 346.0



#95
 Naphthalene
 Concen: 5.448 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN052774.D
 Acq: 11 Dec 2018 1:51

Tgt Ion:128 Resp: 53616
 Ion Ratio Lower Upper
 128 100
 127 11.8 10.2 15.2
 129 11.8 8.7 13.1

