

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101218\
 Data File : VN051859.D
 Acq On : 13 Oct 2018 2:54
 Operator : MD\SY
 Sample : J5199-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-101118

Quant Time: Oct 13 04:03:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	825716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1193620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1053214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413436	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	454991	57.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.30%	
35) Dibromofluoromethane	7.59	113	438982	59.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.30%	
50) Toluene-d8	10.09	98	1649349	59.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.28%	
62) 4-Bromofluorobenzene	12.40	95	484539	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	

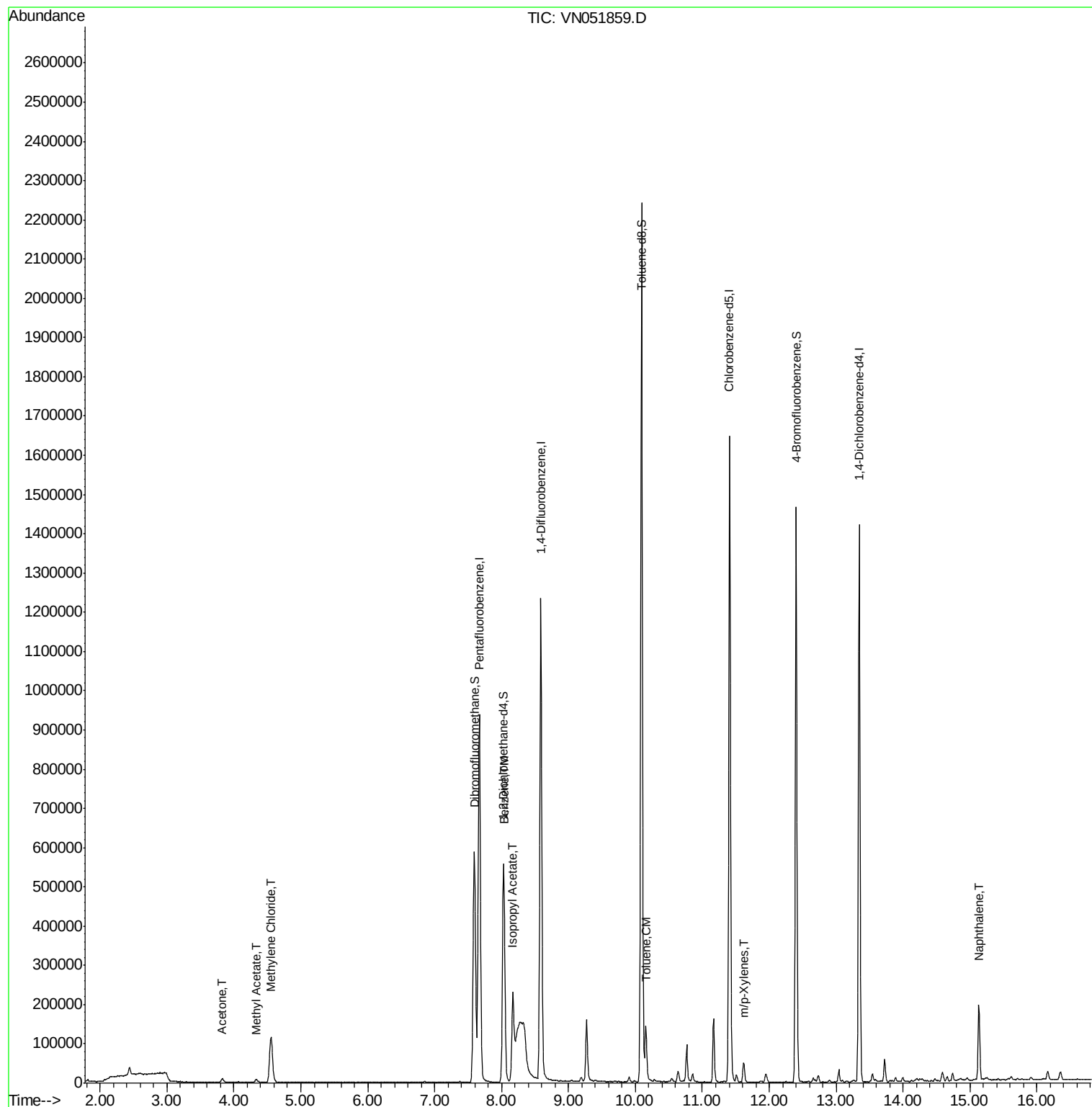
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	14507	8.52	ug/l	96
18) Methyl Acetate	4.34	43	13279	1.93	ug/l #	88
20) Methylene Chloride	4.55	84	99002	14.05	ug/l	90
40) Benzene	8.04	78	60974	2.19	ug/l	100
43) Isopropyl Acetate	8.17	43	282799	28.33	ug/l	94
52) Toluene	10.16	92	57578	3.08	ug/l	99
68) m/p-Xylenes	11.62	106	17105	1.20	ug/l	98
95) Naphthalene	15.13	128	181799	15.28	ug/l	98

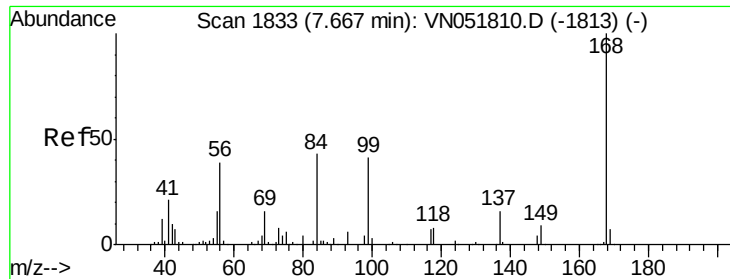
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 09:51:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

Instrument :

MSVOA_N

ClientSampleId :

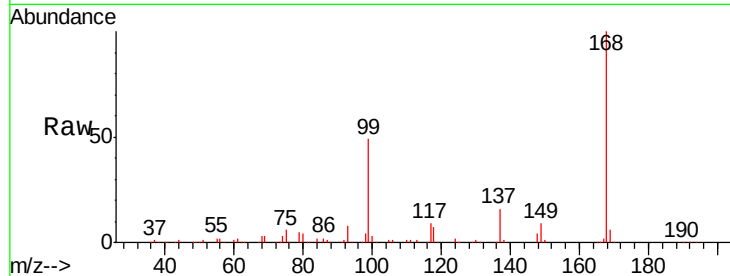
OK-02-101118

Tgt Ion:168 Resp: 825716

Ion Ratio Lower Upper

168 100

99 48.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

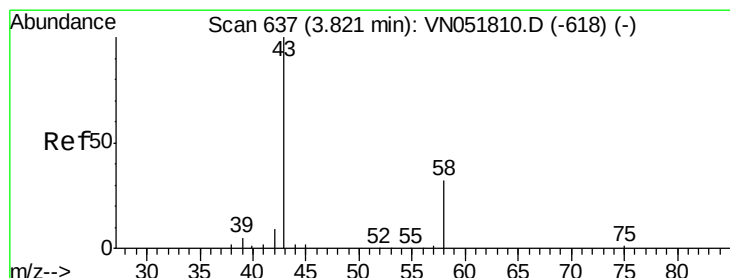
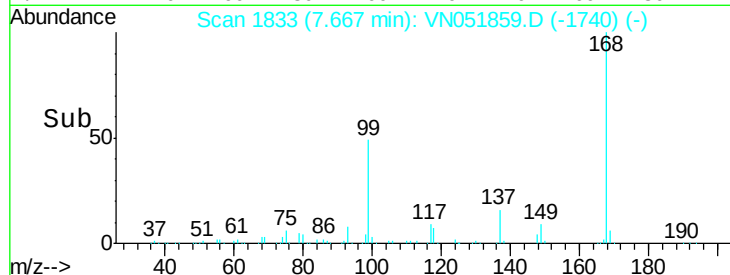
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.52 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051859.D

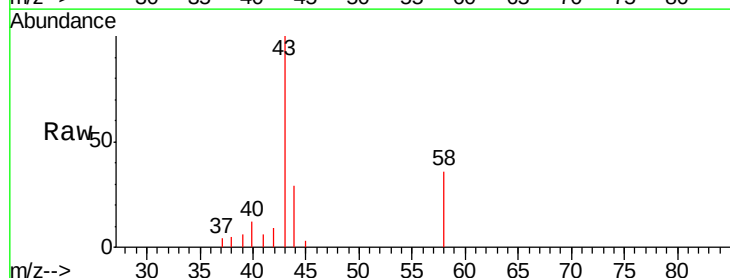
Acq: 13 Oct 2018 2:54

Tgt Ion: 43 Resp: 14507

Ion Ratio Lower Upper

43 100

58 36.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

6000

5000

4000

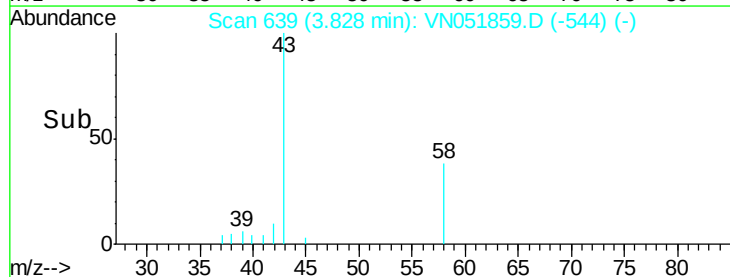
3000

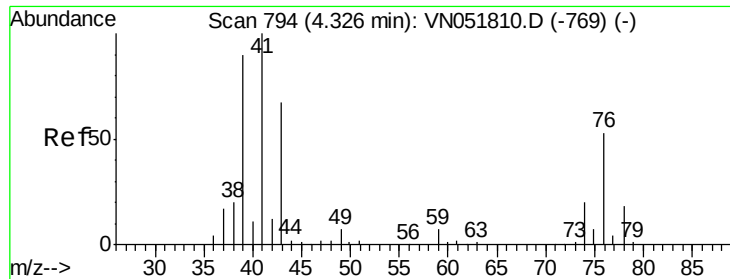
2000

1000

0

Time-->

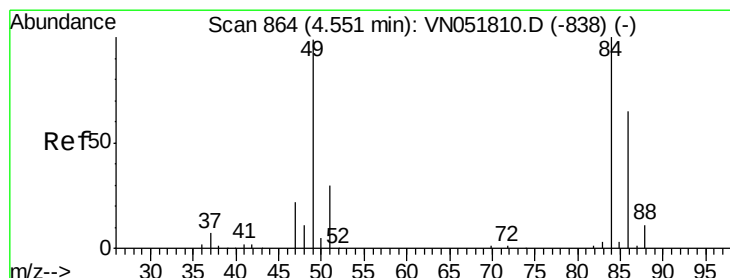
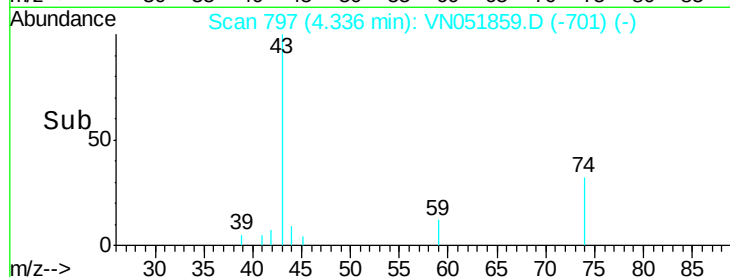
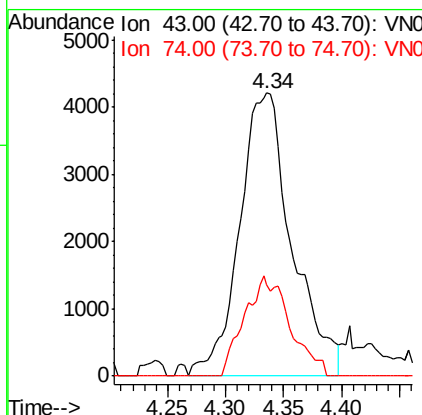
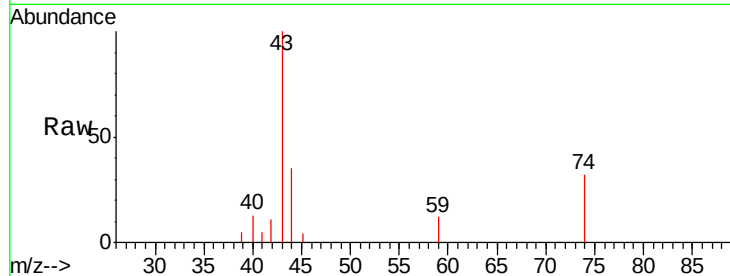




#18
Methyl Acetate
Concen: 1.93 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

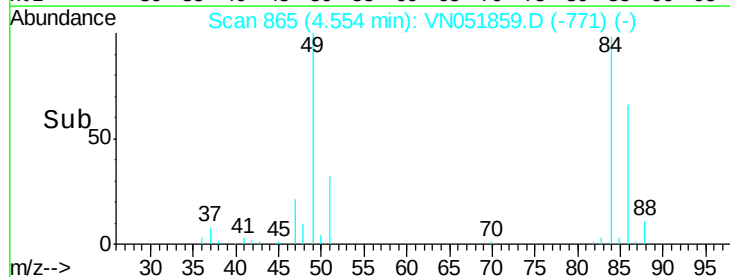
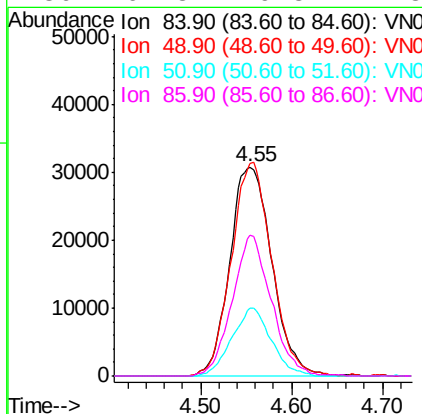
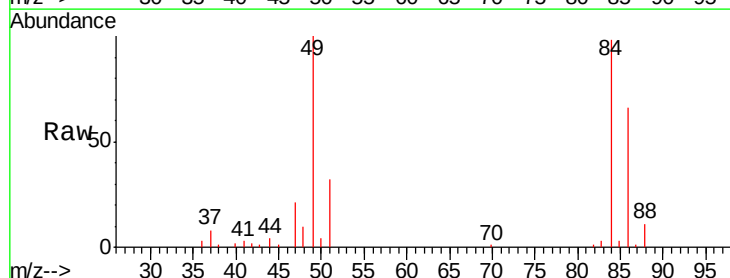
Instrument :
MSVOA_N
ClientSampleId :
OK-02-101118

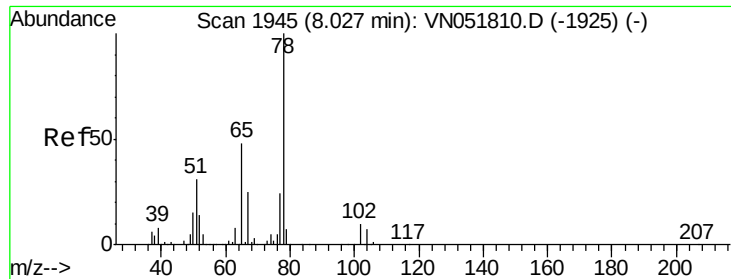
Tgt Ion: 43 Resp: 13279
Ion Ratio Lower Upper
43 100
74 30.6 19.8 29.8#



#20
Methylene Chloride
Concen: 14.05 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion: 84 Resp: 99002
Ion Ratio Lower Upper
84 100
49 101.7 93.2 139.8
51 32.6 29.0 43.6
86 67.3 49.8 74.8

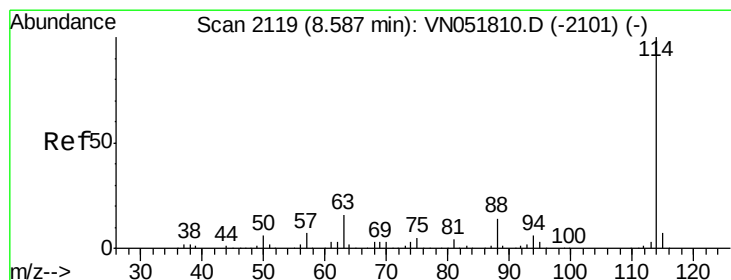
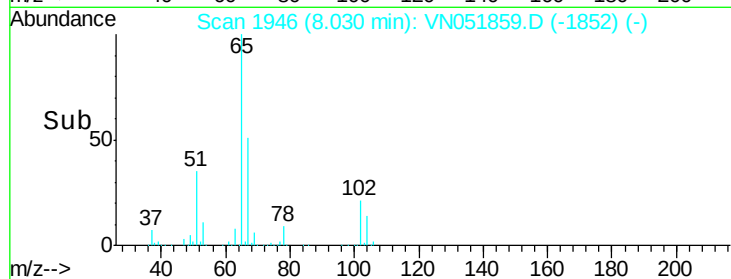
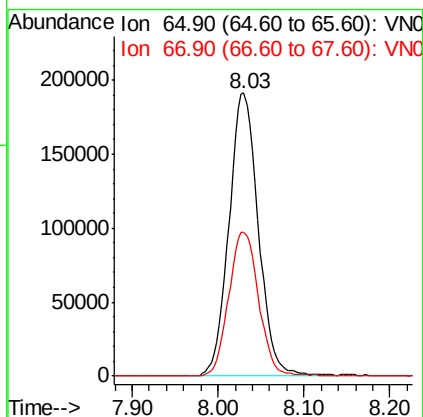
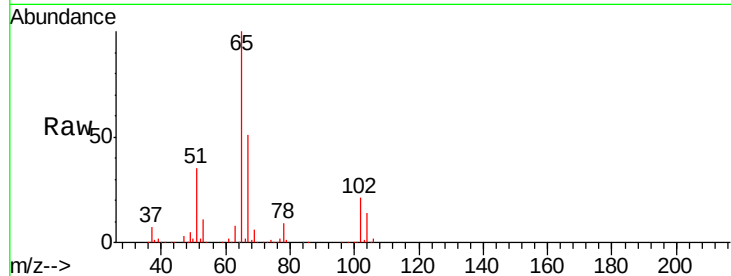




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051859.D
 Acq: 13 Oct 2018 2:54

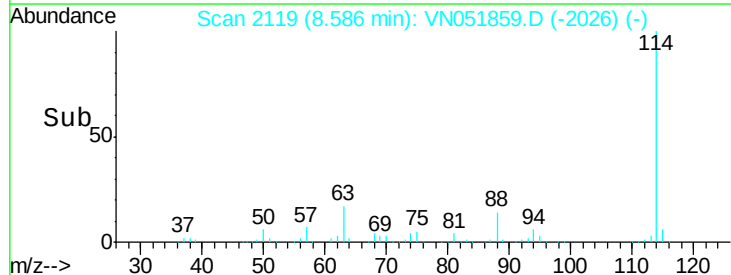
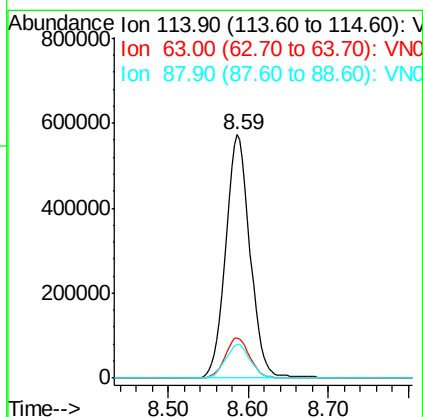
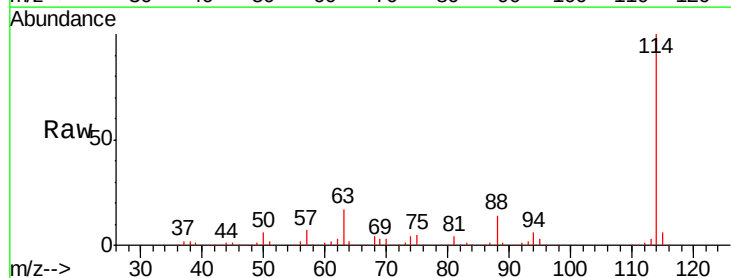
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-101118

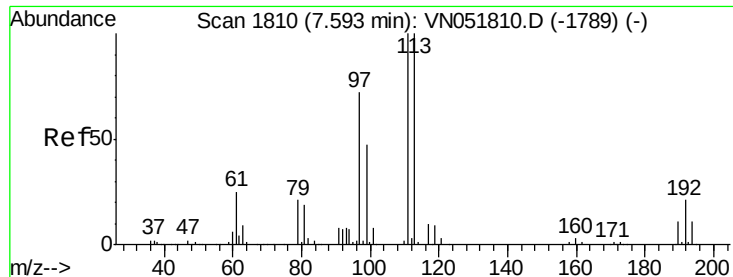
Tgt Ion: 65 Resp: 454991
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051859.D
 Acq: 13 Oct 2018 2:54

Tgt Ion: 114 Resp: 1193620
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 38.6
 88 13.9 0.0 30.6

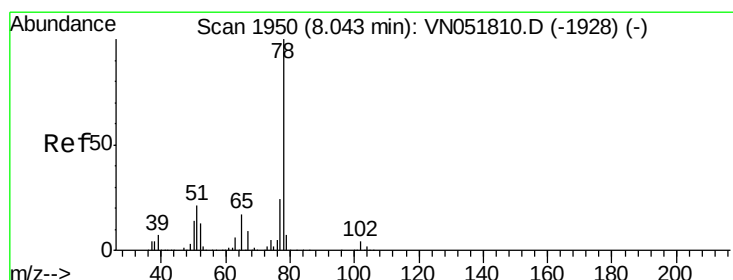
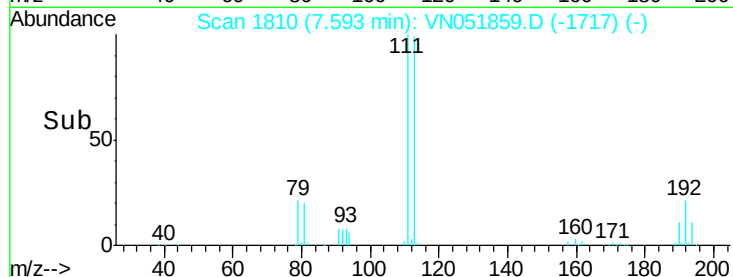
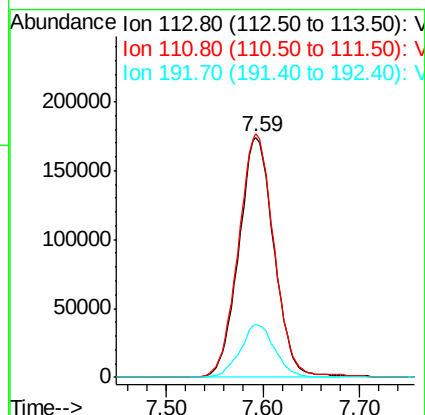
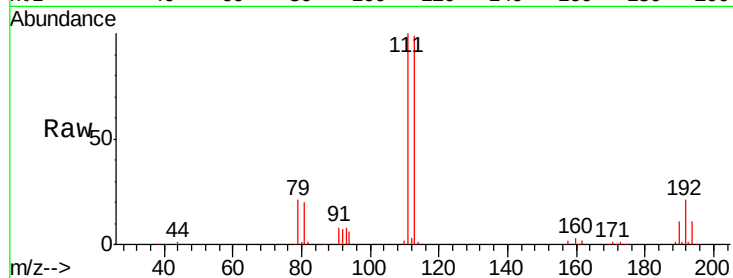




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051859.D
 Acq: 13 Oct 2018 2:54

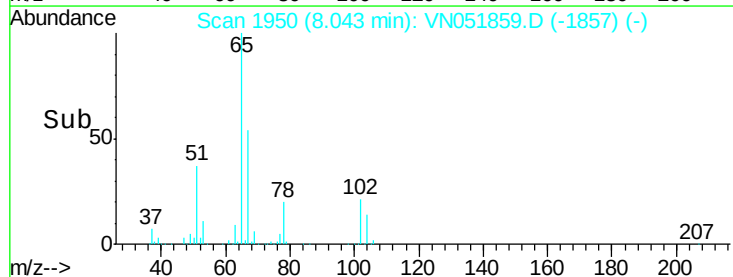
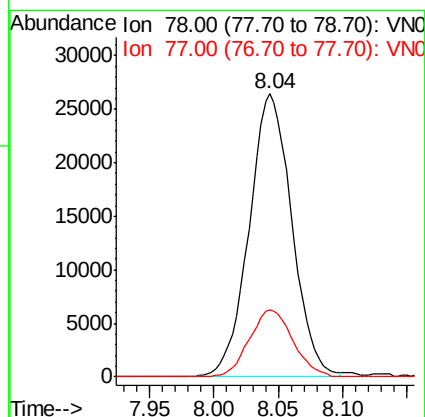
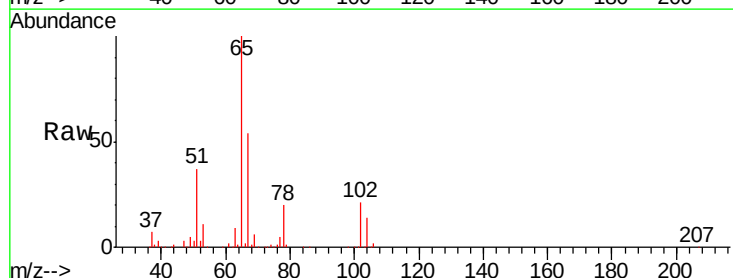
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-101118

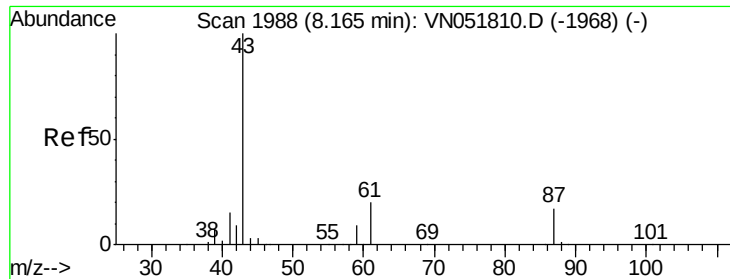
Tgt Ion: 113 Resp: 438982
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.6 123.8
 192 21.5 18.0 27.0



#40
 Benzene
 Concen: 2.19 ug/l
 RT: 8.04 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: VN051859.D
 Acq: 13 Oct 2018 2:54

Tgt Ion: 78 Resp: 60974
 Ion Ratio Lower Upper
 78 100
 77 23.7 19.0 28.4





#43

Isopropyl Acetate

Concen: 28.33 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

Instrument :

MSVOA_N

ClientSampled :

OK-02-101118

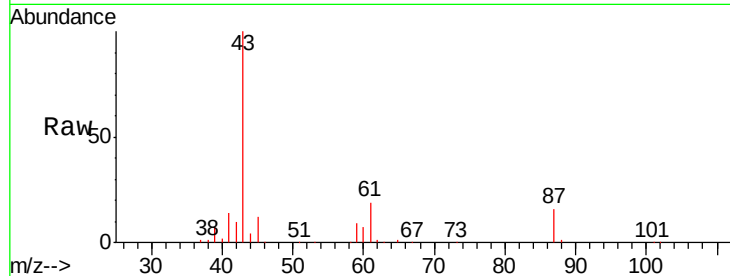
Tgt Ion: 43 Resp: 282799

Ion Ratio Lower Upper

43 100

61 17.7 17.5 26.3

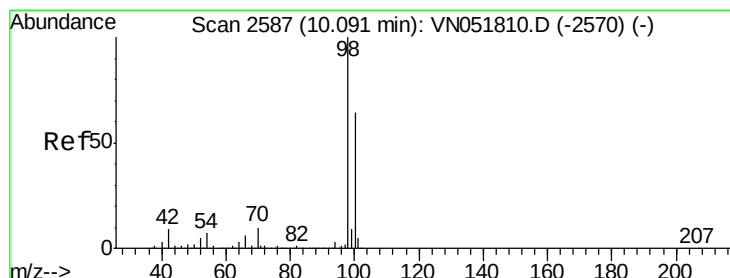
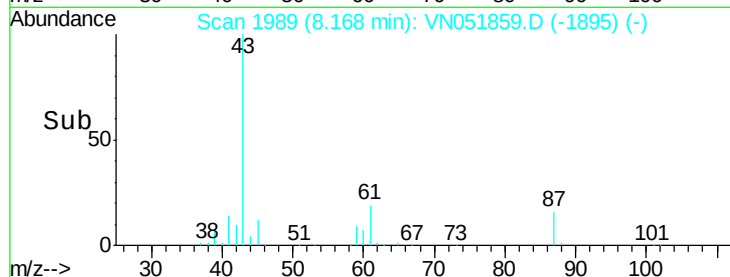
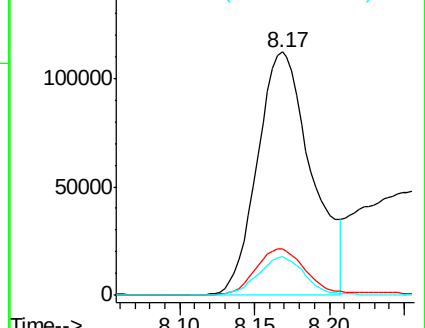
87 13.7 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN051810.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN051810.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN051810.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051859.D

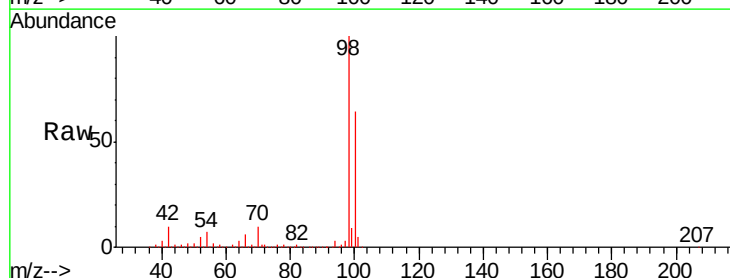
Acq: 13 Oct 2018 2:54

Tgt Ion: 98 Resp: 1649349

Ion Ratio Lower Upper

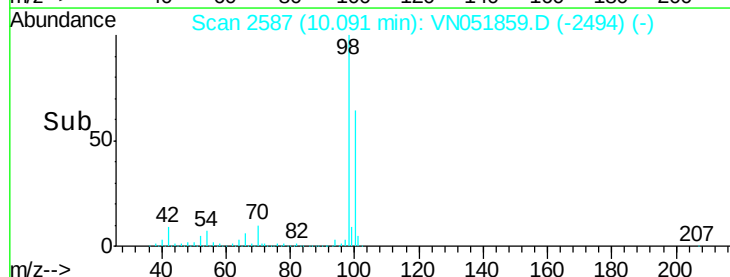
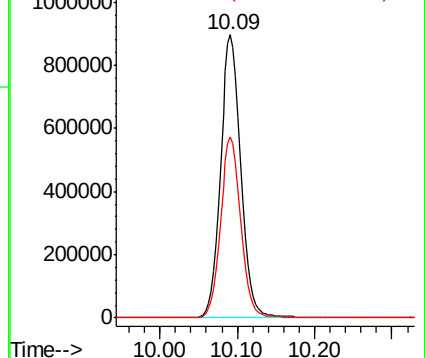
98 100

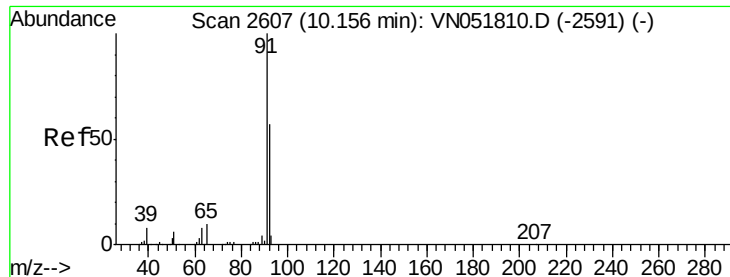
100 63.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051810.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051810.D (-2570) (-)





#52

Toluene

Concen: 3.08 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

Instrument :

MSVOA_N

ClientSampleId :

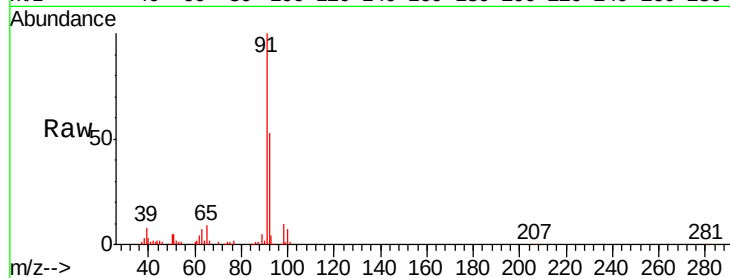
OK-02-101118

Tgt Ion: 92 Resp: 57578

Ion Ratio Lower Upper

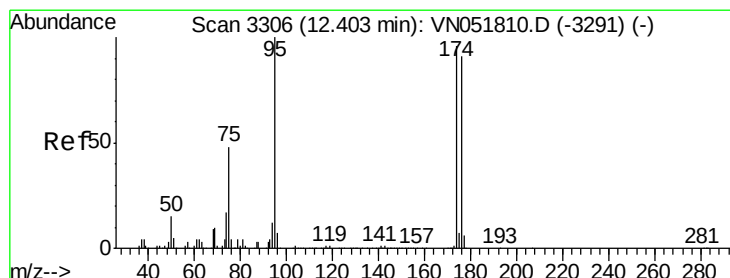
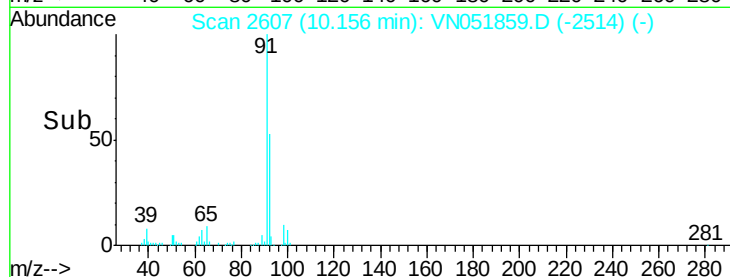
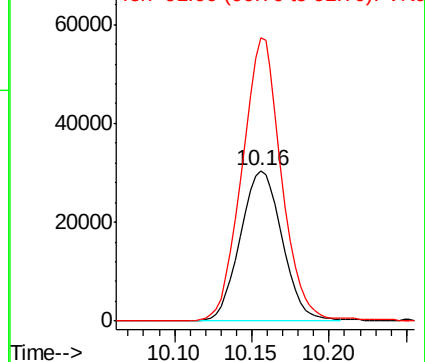
92 100

91 177.4 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

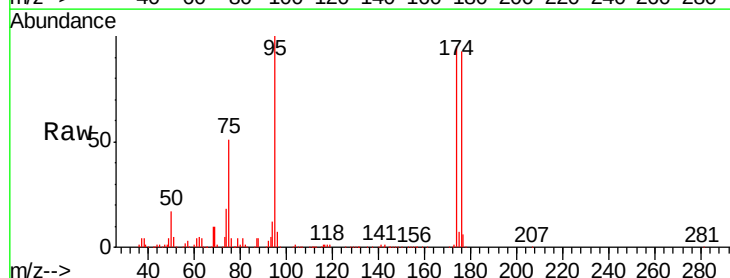
Tgt Ion: 95 Resp: 484539

Ion Ratio Lower Upper

95 100

174 94.6 0.0 183.0

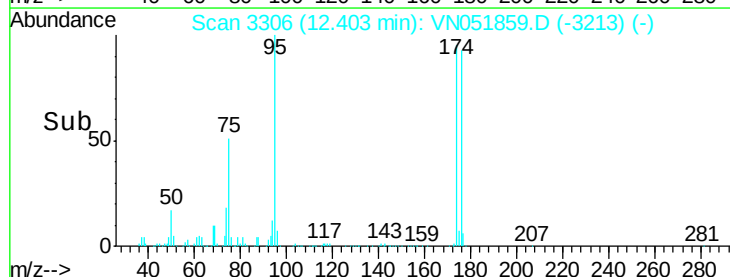
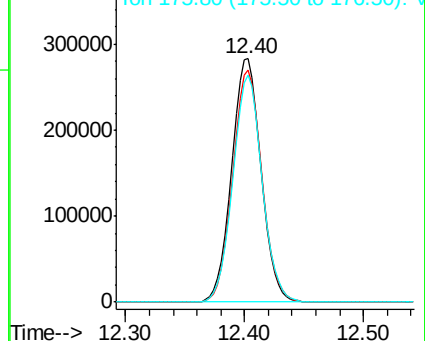
176 92.5 0.0 178.8

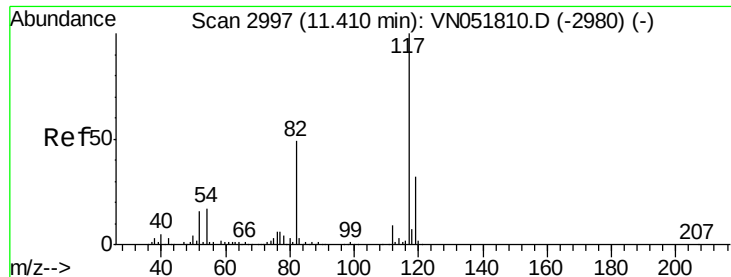


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

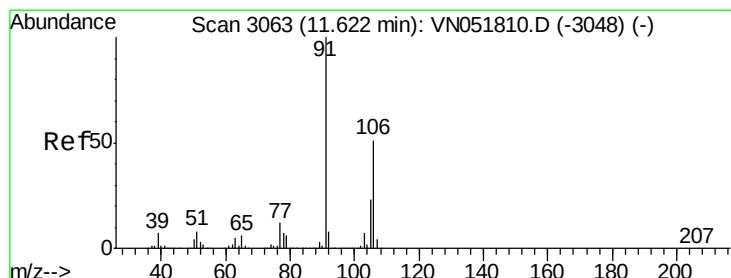
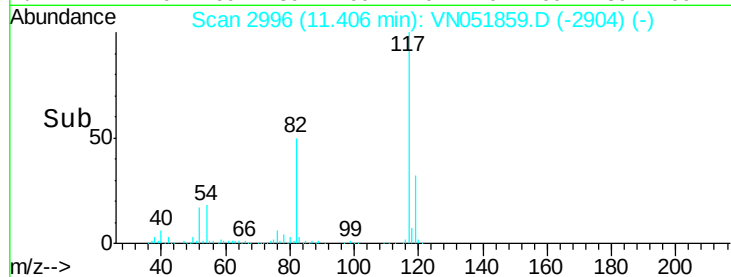
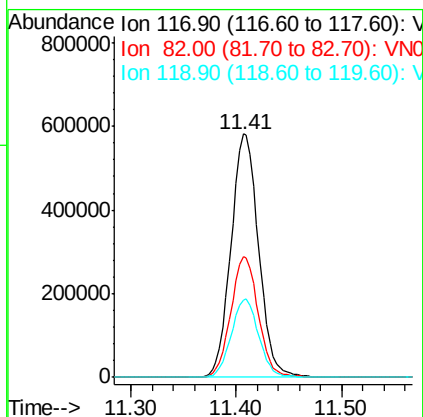
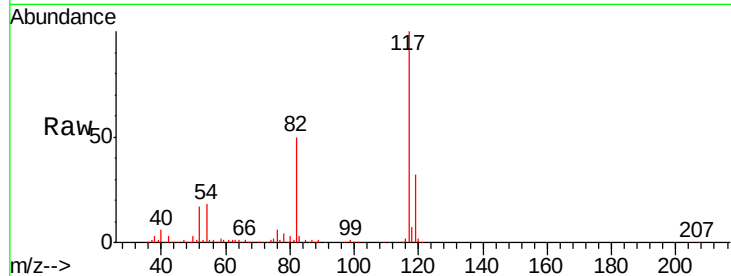




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

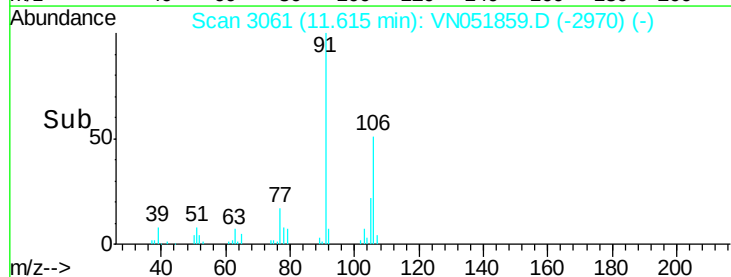
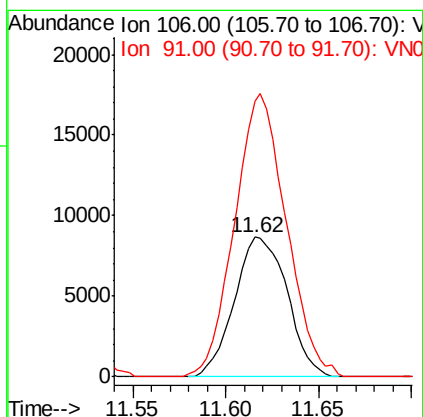
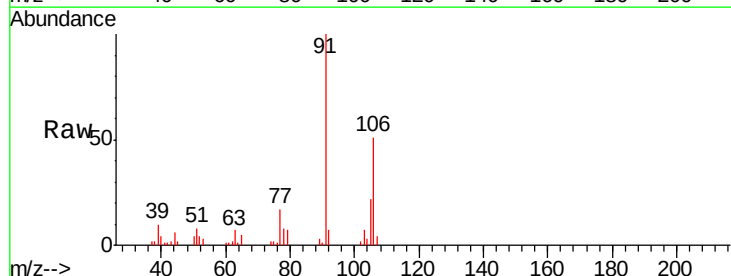
Instrument :
MSVOA_N
ClientSampled :
OK-02-101118

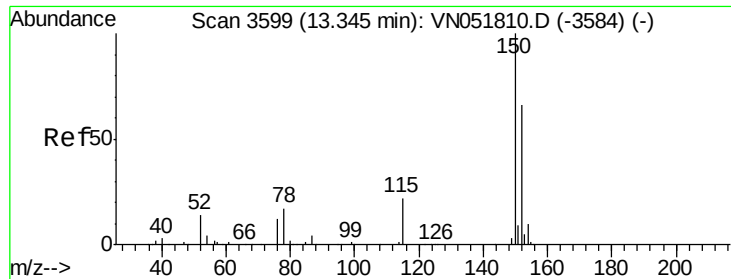
Tgt Ion:117 Resp: 1053214
Ion Ratio Lower Upper
117 100
82 49.8 42.6 64.0
119 32.0 25.8 38.6



#68
m/p-Xylenes
Concen: 1.20 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion:106 Resp: 17105
Ion Ratio Lower Upper
106 100
91 198.8 161.0 241.6

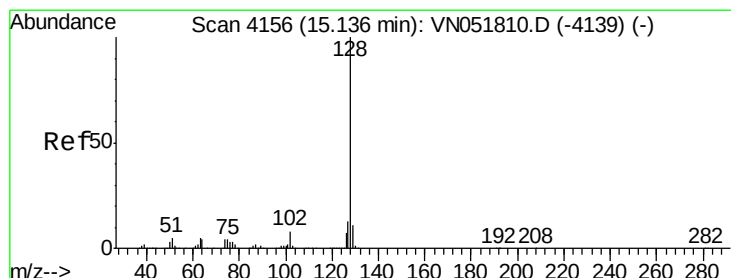
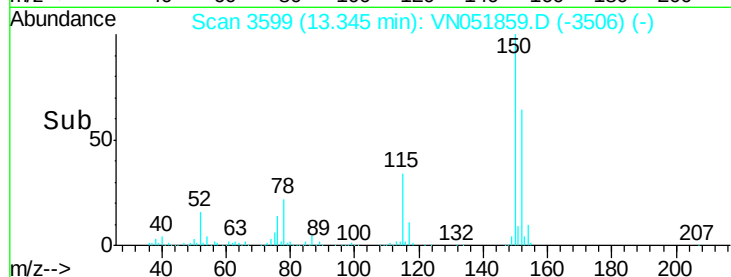
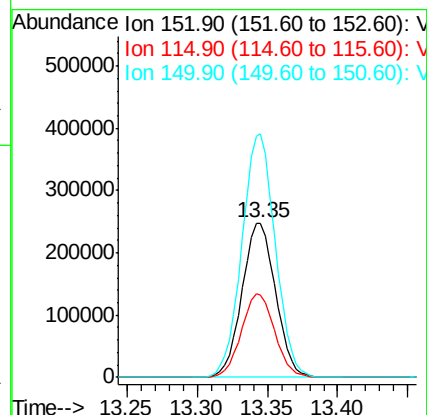
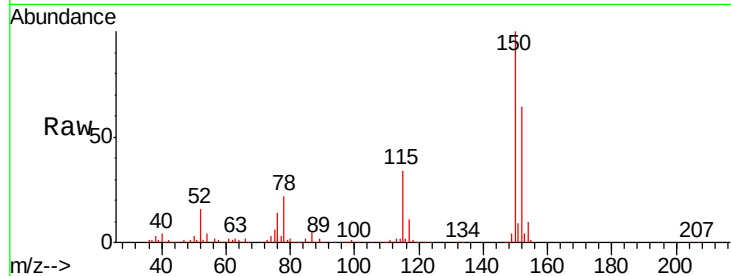




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. -0.00 min
 Lab File: VN051859.D
 Acq: 13 Oct 2018 2:54

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-101118

Tgt Ion:152 Resp: 413436
 Ion Ratio Lower Upper
 152 100
 115 54.0 27.8 83.4
 150 156.8 0.0 351.4



#95
 Naphthalene
 Concen: 15.28 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN051859.D
 Acq: 13 Oct 2018 2:54

Tgt Ion:128 Resp: 181799
 Ion Ratio Lower Upper
 128 100
 127 12.1 10.5 15.7
 129 10.6 8.7 13.1

