

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050993.D
 Acq On : 31 Aug 2018 17:18
 Operator : MD\SY
 Sample : J4276-03
 Misc : 7.77g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-082118

Quant Time: Sep 01 00:47:37 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	510631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	805921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	708339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285782	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	325182	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
35) Dibromofluoromethane	7.59	113	304651	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
50) Toluene-d8	10.09	98	1117214	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	
62) 4-Bromofluorobenzene	12.40	95	317973	39.92	ug/l	0.00
Spiked Amount			Recovery	=	79.84%	

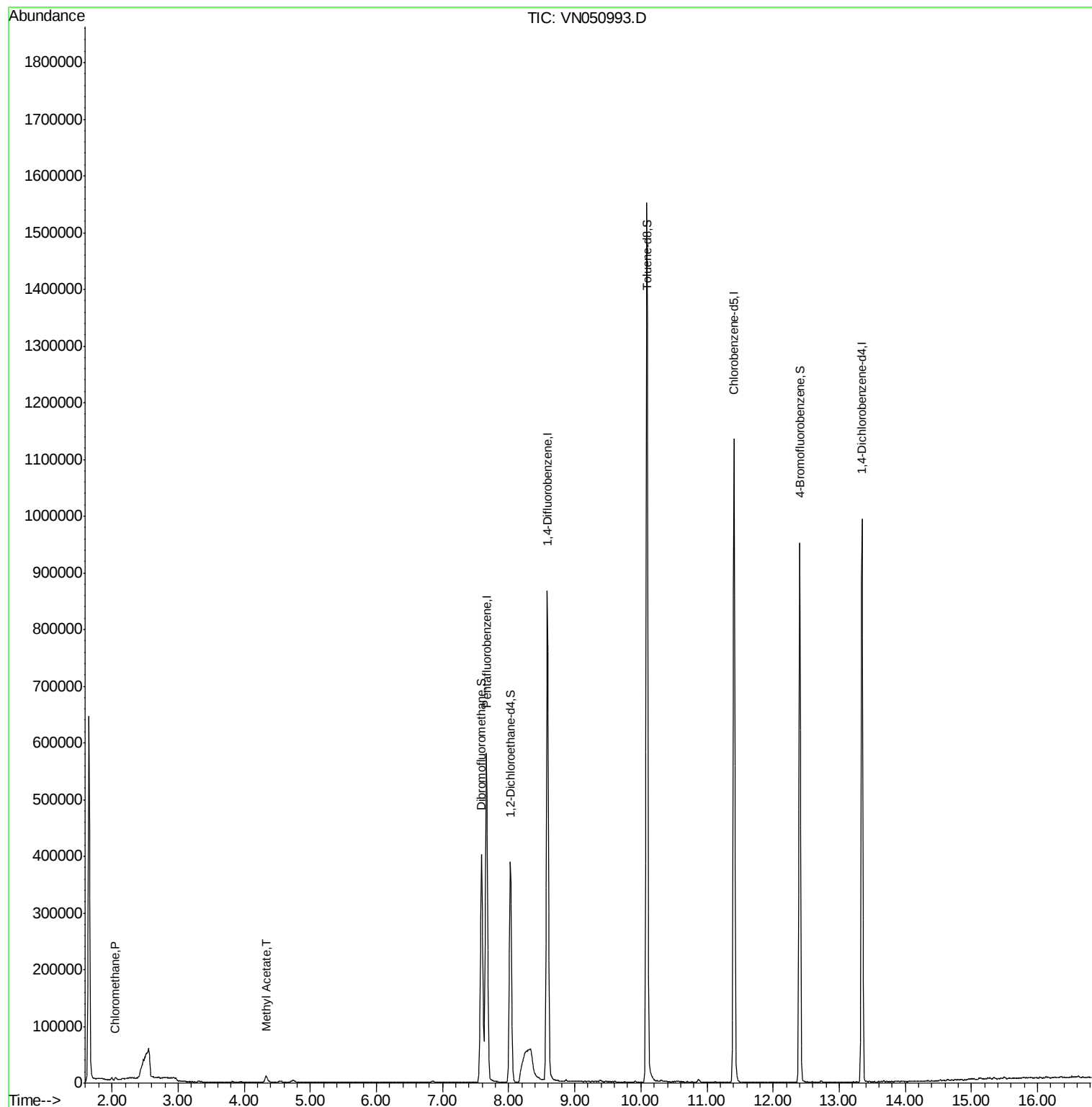
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	3280	0.39	ug/l	98
18) Methyl Acetate	4.33	43	22075	3.80	ug/l	95

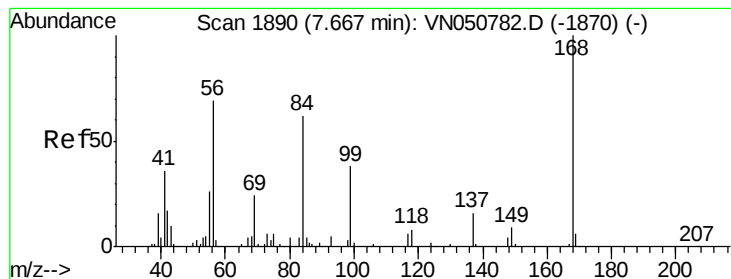
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050993.D

Acq: 31 Aug 2018 17:18

Instrument :

MSVOA_N

ClientSampleId :

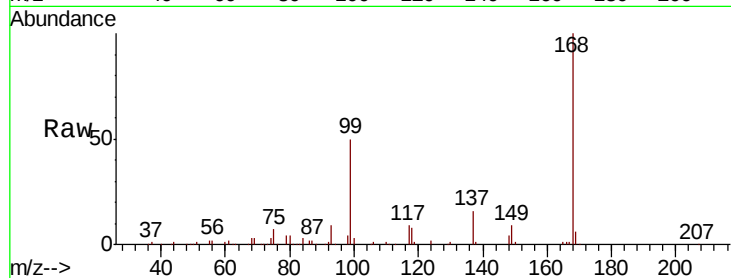
OK-01-082118

Tot Ion:168 Resp: 510631

Ion Ratio Lower Upper

168 100

99 50.0 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

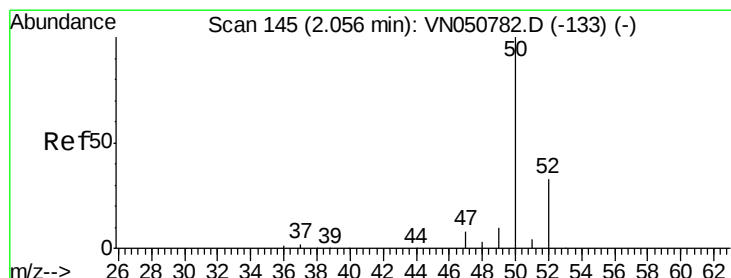
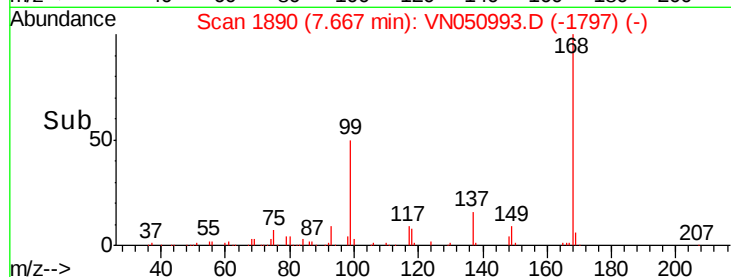
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#3

Chloromethane

Concen: 0.39 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN050993.D

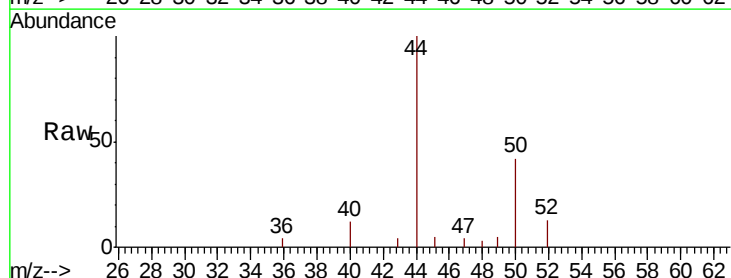
Acq: 31 Aug 2018 17:18

Tgt Ion: 50 Resp: 3280

Ion Ratio Lower Upper

50 100

52 32.0 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2000

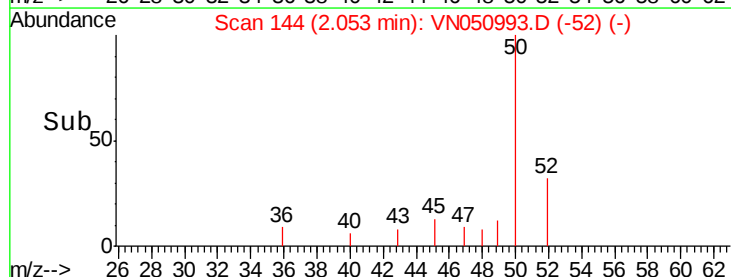
1500

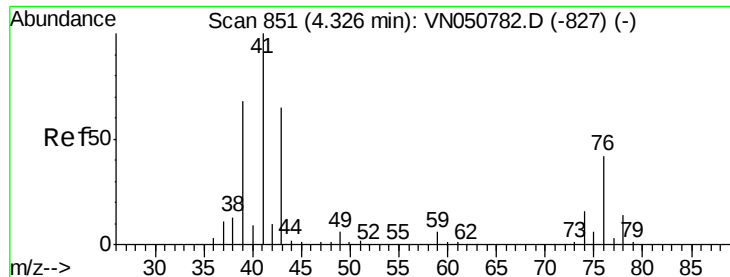
1000

500

0

Time--> 2.00 2.05 2.10

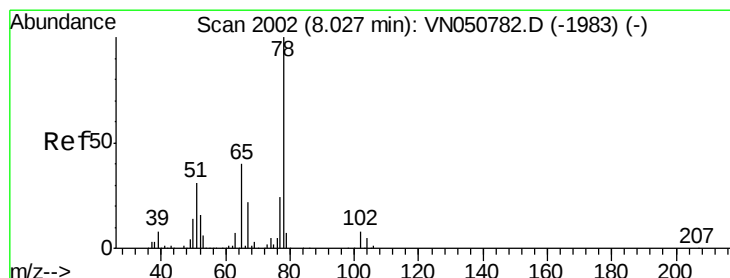
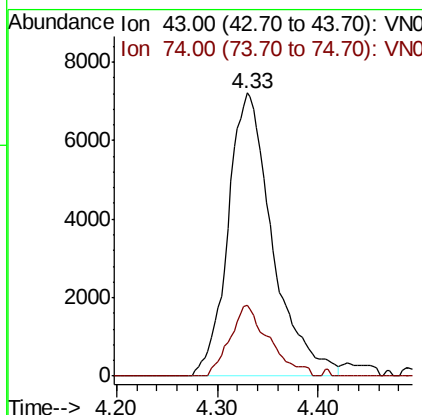
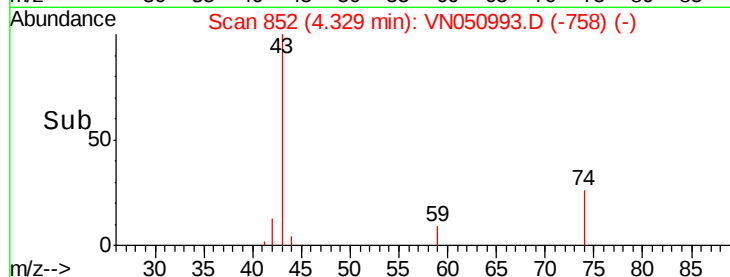
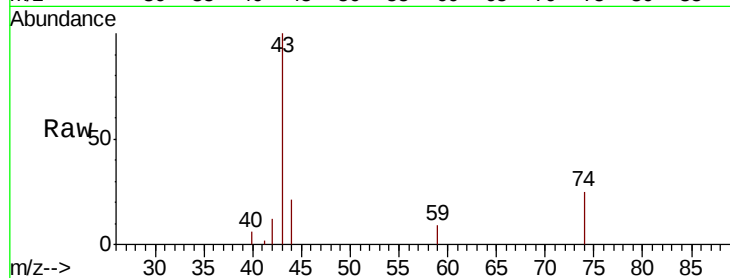




#18
Methyl Acetate
Concen: 3.80 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050993.D
Acq: 31 Aug 2018 17:18

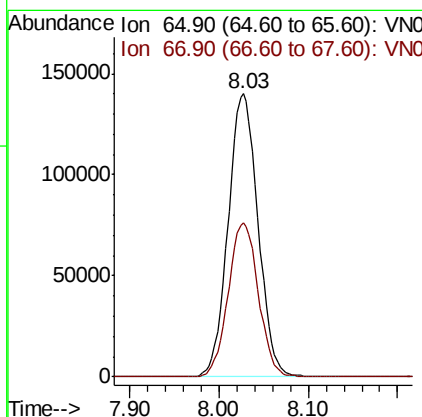
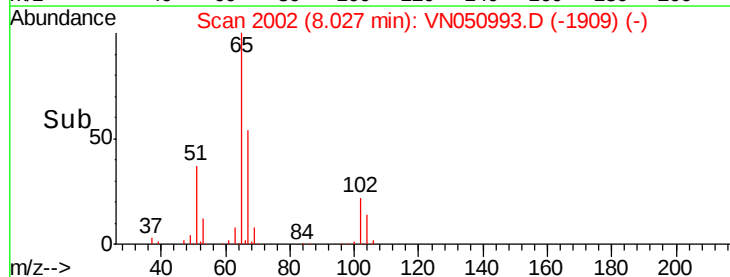
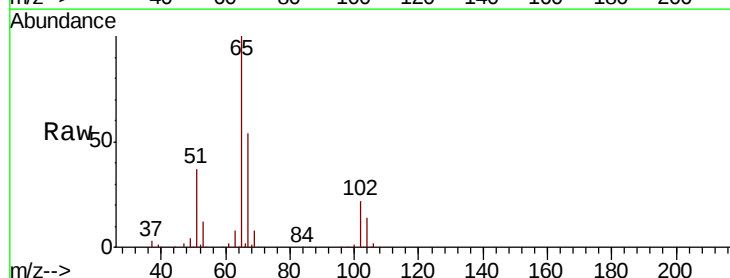
Instrument :
MSVOA_N
ClientSampleId :
OK-01-082118

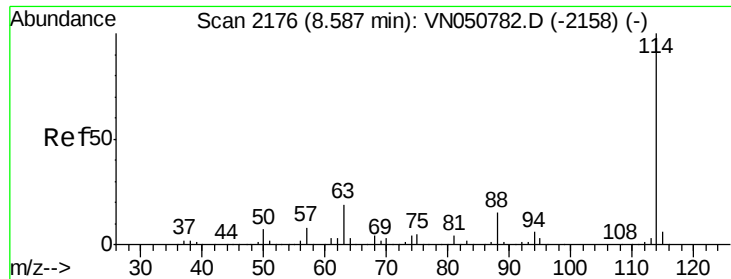
Tot Ion: 43 Resp: 22075
Ion Ratio Lower Upper
43 100
74 22.2 19.8 29.8



#33
1,2-Dichloroethane-d4
Concen: 52.90 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. -0.00 min
Lab File: VN050993.D
Acq: 31 Aug 2018 17:18

Tgt Ion: 65 Resp: 325182
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.4

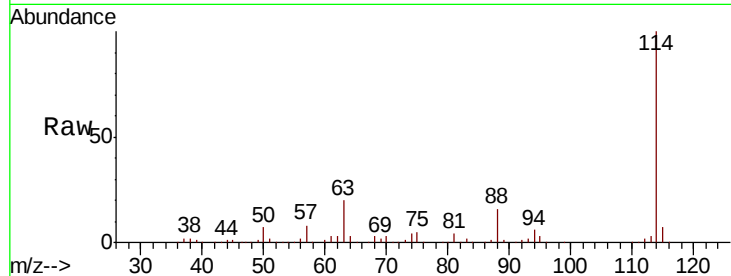




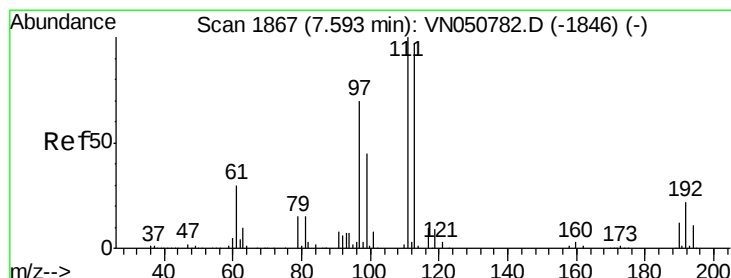
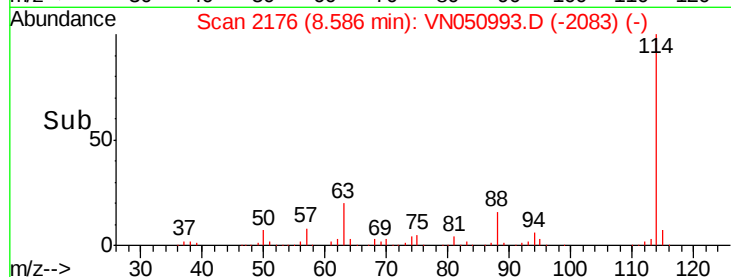
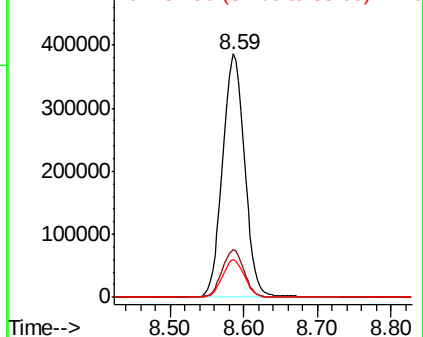
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050993.D
 Acq: 31 Aug 2018 17:18

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-082118

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	15.5	0.0	30.6

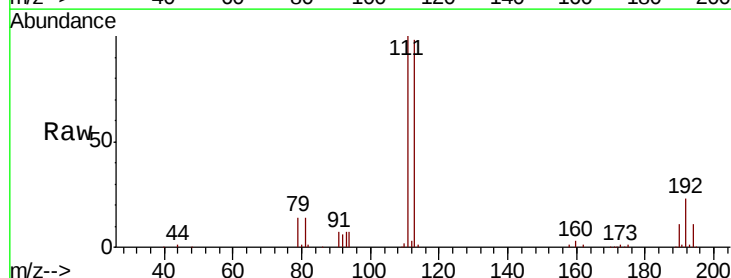


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

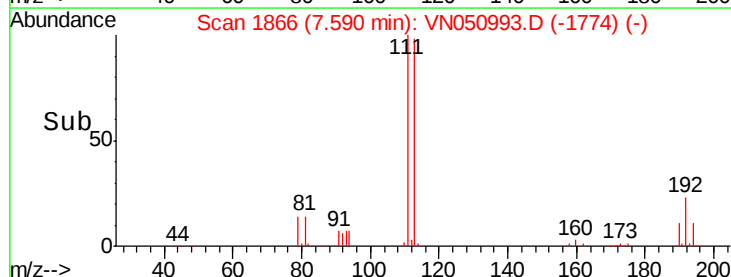
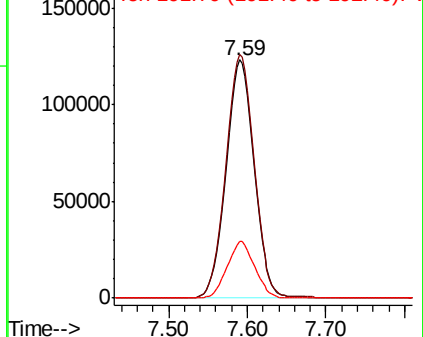


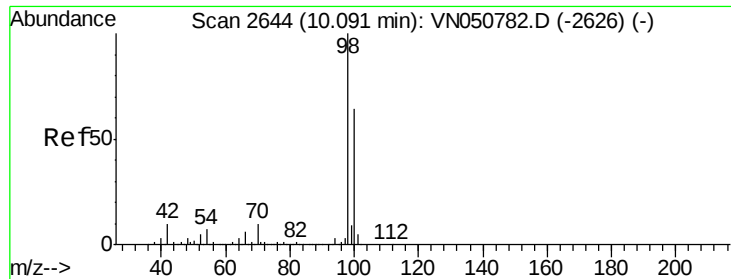
#35
 Dibromofluoromethane
 Concen: 47.52 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050993.D
 Acq: 31 Aug 2018 17:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	23.2	18.0	27.0



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





#50

Toluene-d8

Concen: 46.61 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050993.D

Acq: 31 Aug 2018 17:18

Instrument :

MSVOA_N

ClientSampleId :

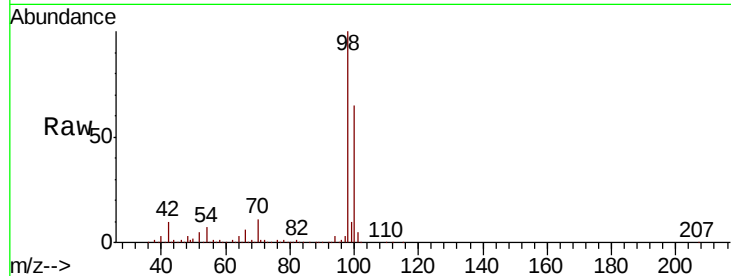
OK-01-082118

Tot Ion: 98 Resp: 1117214

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050782.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN050782.D (-2626) (-)

10.09

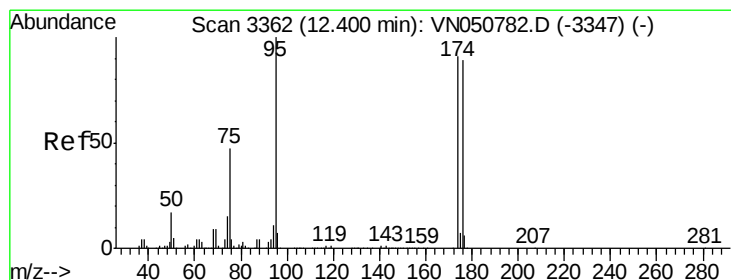
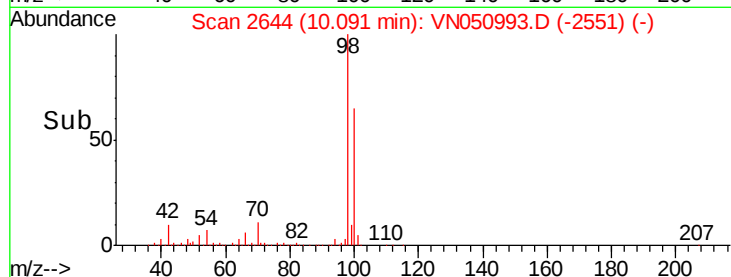
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 39.92 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050993.D

Acq: 31 Aug 2018 17:18

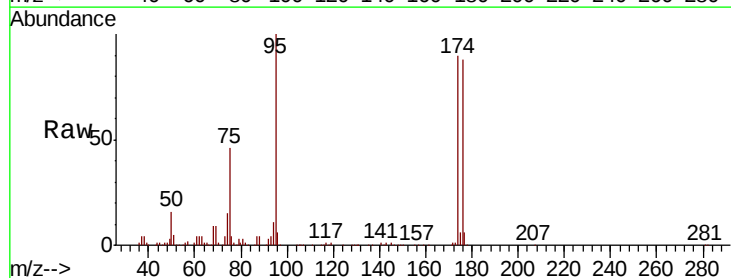
Tgt Ion: 95 Resp: 317973

Ion Ratio Lower Upper

95 100

174 91.9 0.0 183.0

176 88.3 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)

12.40

250000

200000

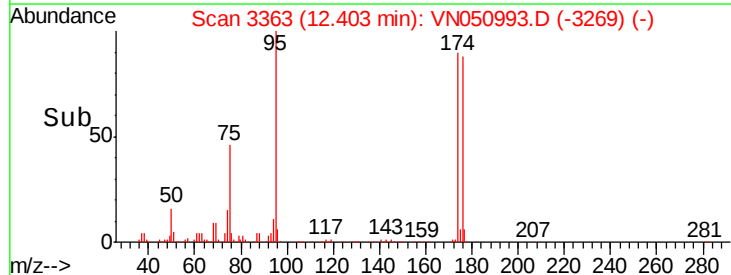
150000

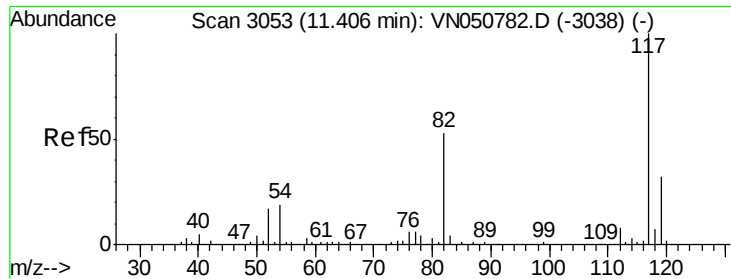
100000

50000

0

Time-->

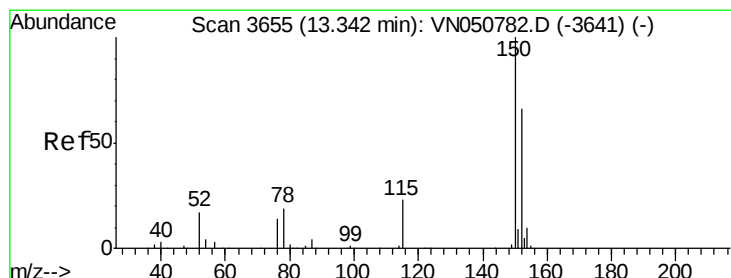
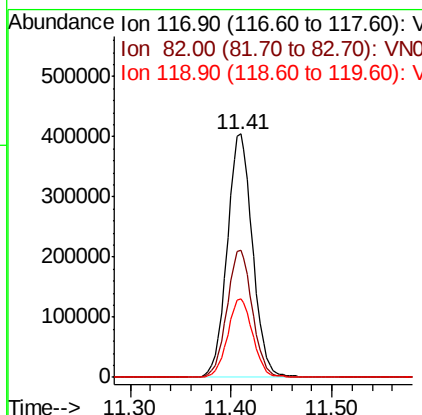
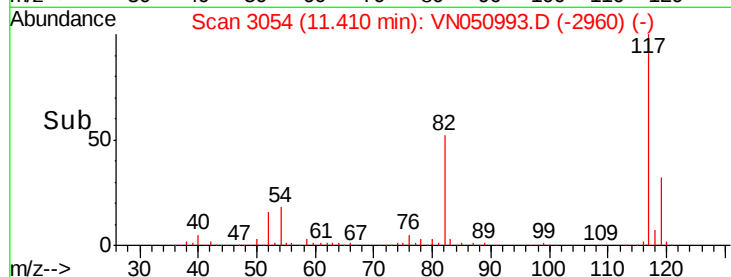
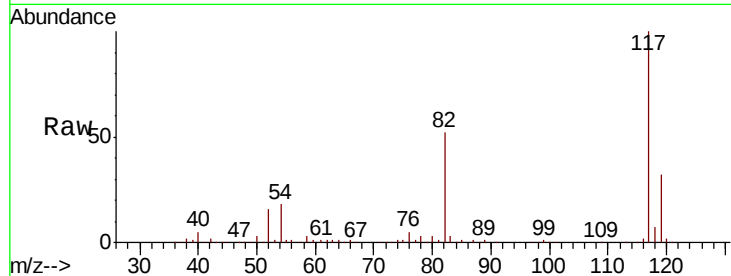




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050993.D
Acq: 31 Aug 2018 17:18

Instrument :
MSVOA_N
ClientSampled :
OK-01-082118

Tot Ion:117 Resp: 708339
Ion Ratio Lower Upper
117 100
82 52.2 42.6 64.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050993.D
Acq: 31 Aug 2018 17:18

Tgt Ion:152 Resp: 285782
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 156.3 0.0 351.4

