

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081618\
 Data File : VN050700.D
 Acq On : 16 Aug 2018 14:41
 Operator : MD\SY
 Sample : J4502-03DL 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BROWN-FRAC-TANKDL

Quant Time: Aug 17 04:21:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	629479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1026926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	849159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	305023	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	427519	53.88	ug/l	0.00
Spiked Amount			Recovery	=	107.76%	
35) Dibromofluoromethane	7.59	113	401312	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
50) Toluene-d8	10.09	98	1393271	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	
62) 4-Bromofluorobenzene	12.40	95	372355	36.53	ug/l	0.00
Spiked Amount			Recovery	=	73.06%	

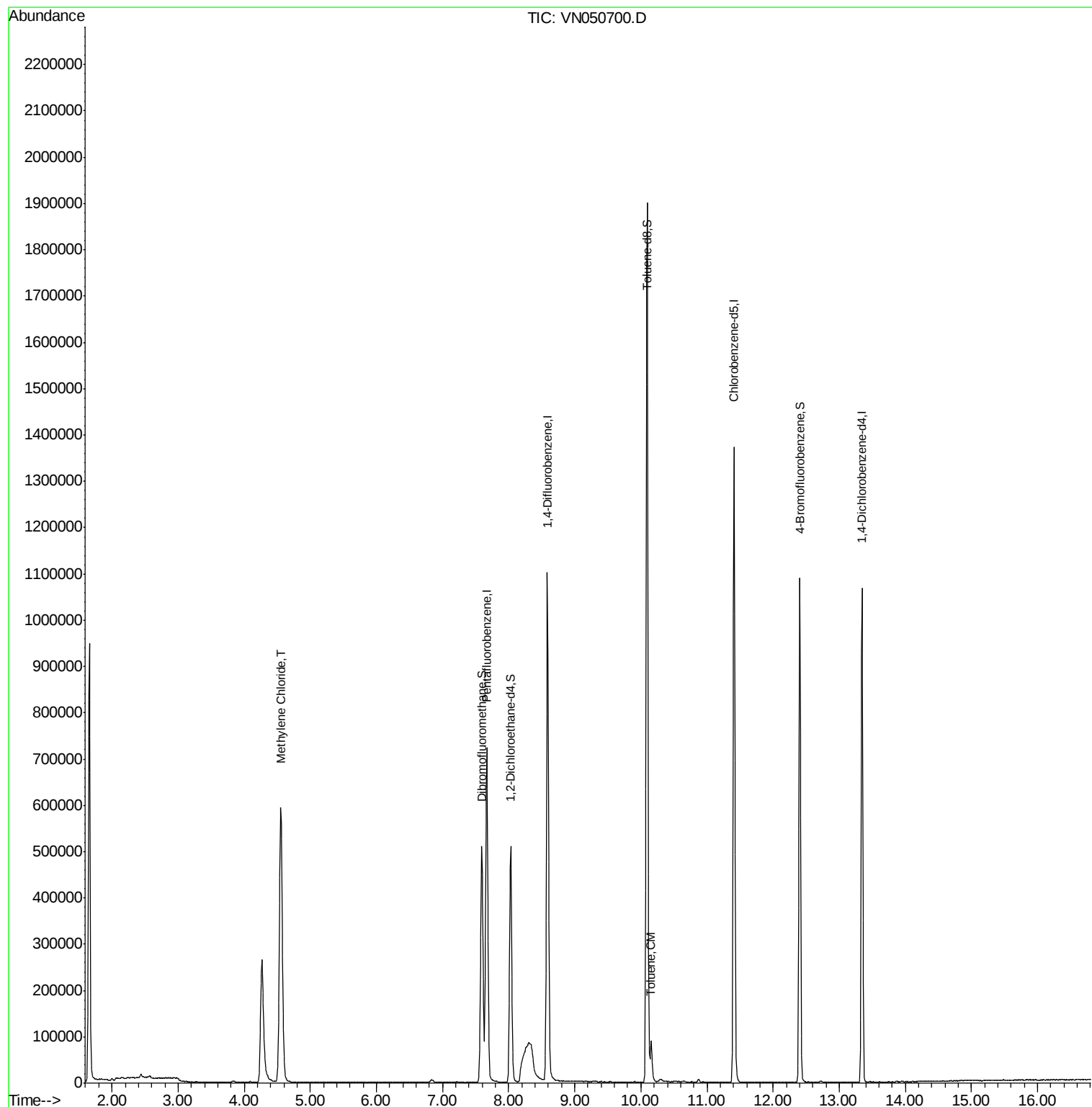
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.55	84	483152	64.43	ug/l	98
52) Toluene	10.16	92	32420	1.56	ug/l	99

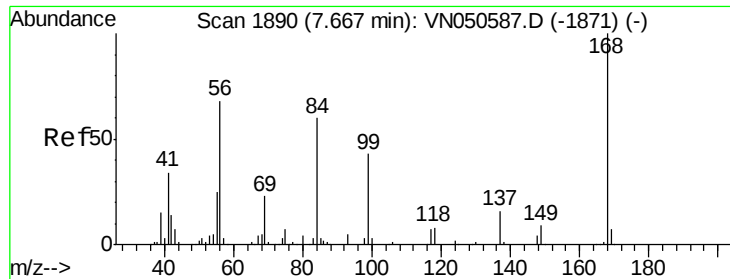
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081618\
Data File : VN050700.D
Acq On : 16 Aug 2018 14:41
Operator : MD\SY
Sample : J4502-03DL 50X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BROWN-FRAC-TANKDL

Quant Time: Aug 17 04:21:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050700.D

Acq: 16 Aug 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

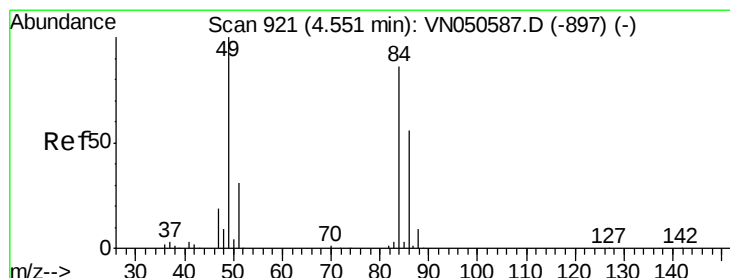
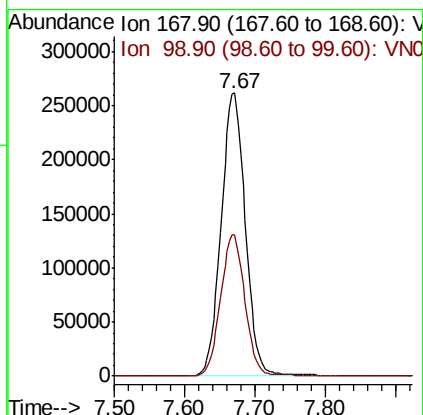
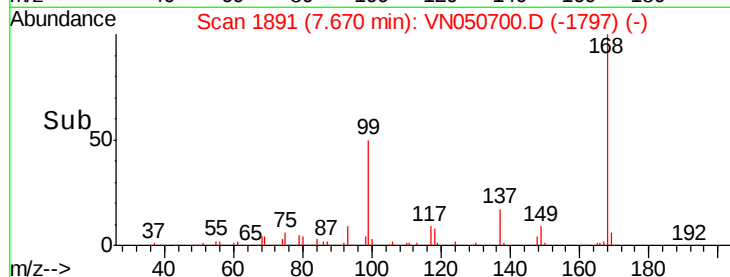
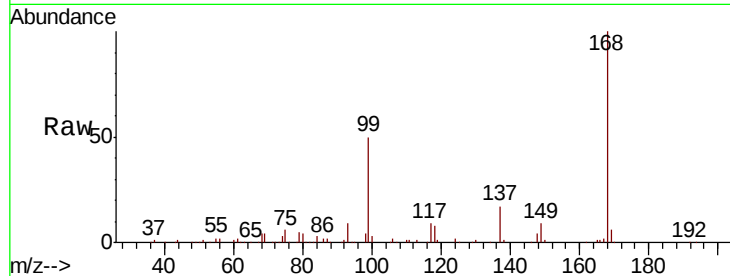
BROWN-FRAC-TANKDL

Tot Ion:168 Resp: 629479

Ion Ratio Lower Upper

168 100

99 50.1 40.8 61.2



#20

Methylene Chloride

Concen: 64.43 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050700.D

Acq: 16 Aug 2018 14:41

Tgt Ion: 84 Resp: 483152

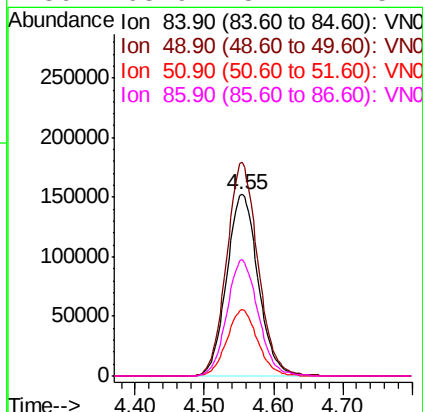
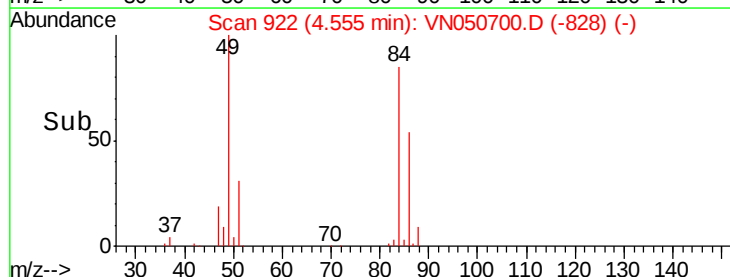
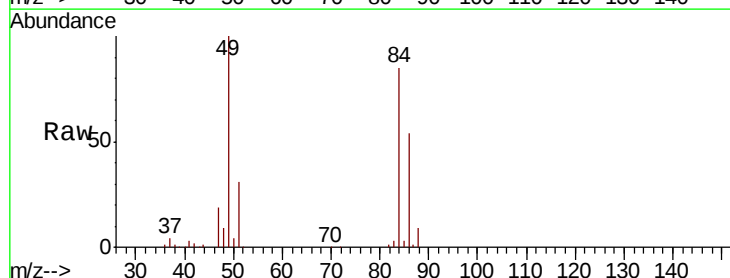
Ion Ratio Lower Upper

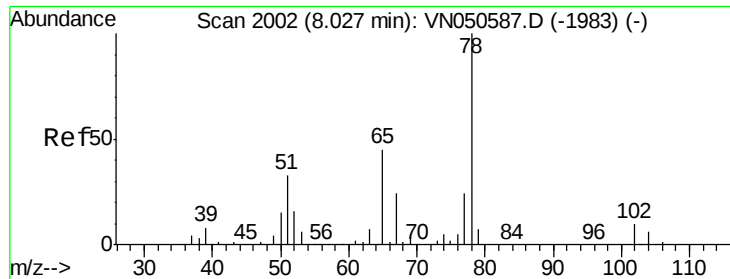
84 100

49 117.5 92.6 138.8

51 36.4 28.6 43.0

86 63.9 52.2 78.2

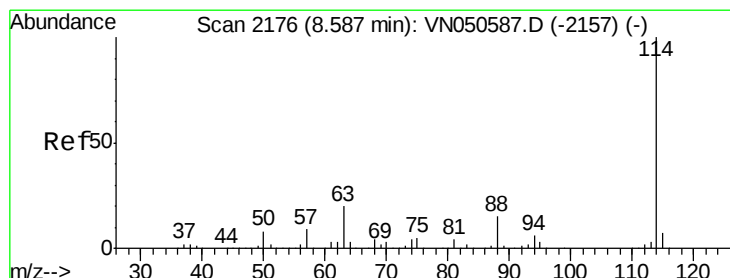
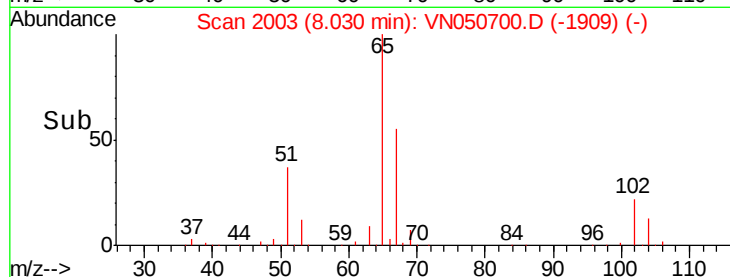
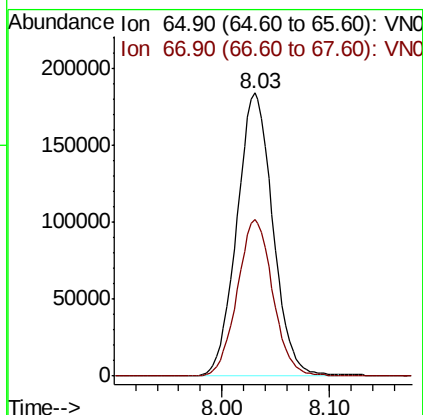
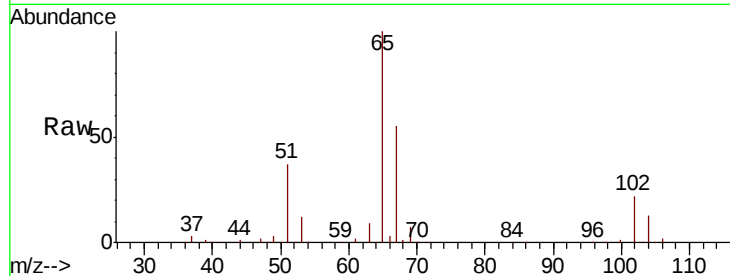




#33
 1,2-Dichloroethane-d4
 Concen: 53.88 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050700.D
 Acq: 16 Aug 2018 14:41

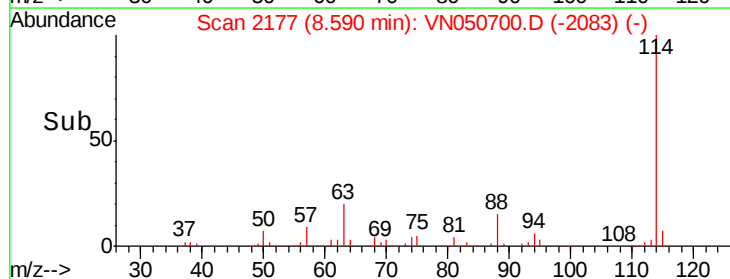
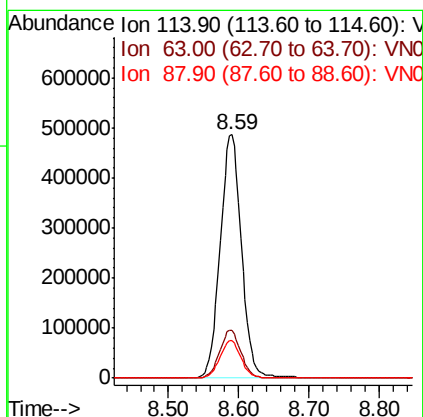
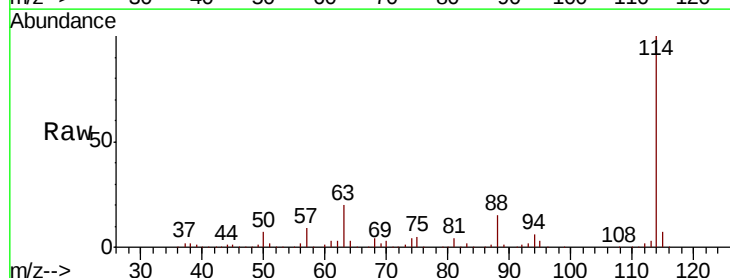
Instrument :
 MSVOA_N
 ClientSampleId :
 BROWN-FRAC-TANKDL

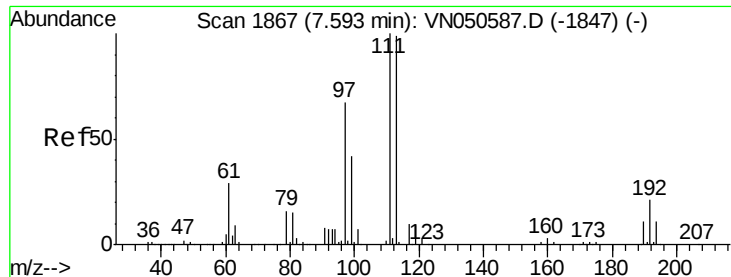
Tot Ion: 65 Resp: 427519
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050700.D
 Acq: 16 Aug 2018 14:41

Tgt Ion: 114 Resp: 1026926
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.95 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050700.D

Acq: 16 Aug 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

BROWN-FRAC-TANKDL

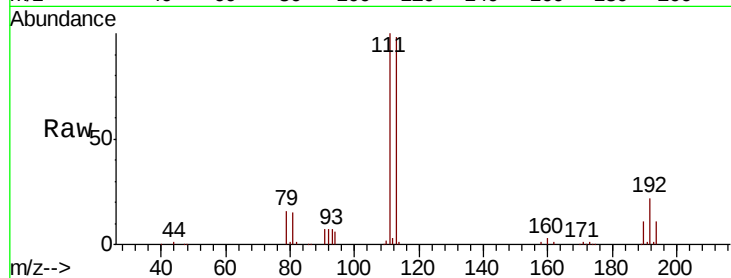
Tot Ion:113 Resp: 401312

Ion Ratio Lower Upper

113 100

111 101.6 81.0 121.6

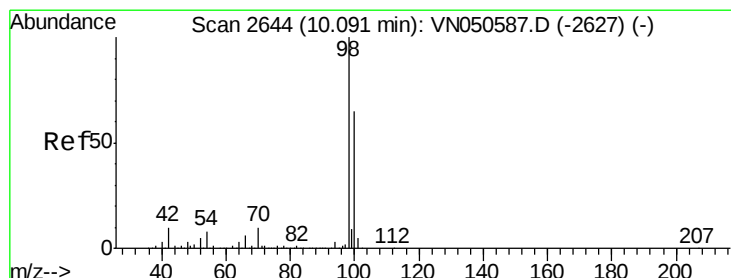
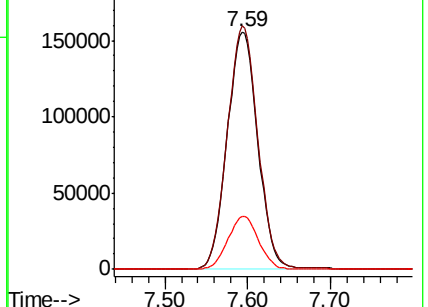
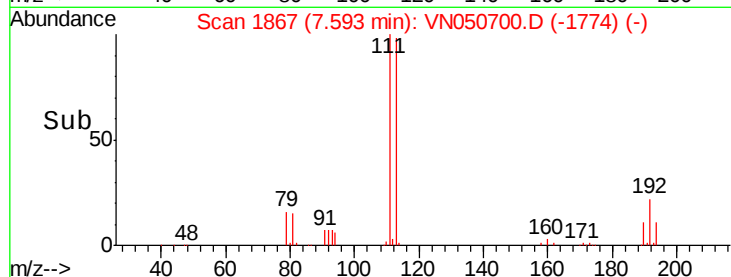
192 22.5 17.6 26.4



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: 45.15 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050700.D

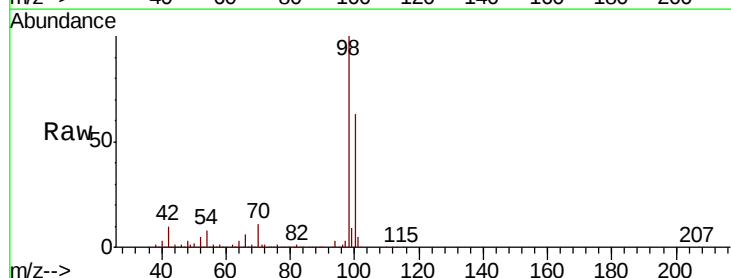
Acq: 16 Aug 2018 14:41

Tgt Ion: 98 Resp: 1393271

Ion Ratio Lower Upper

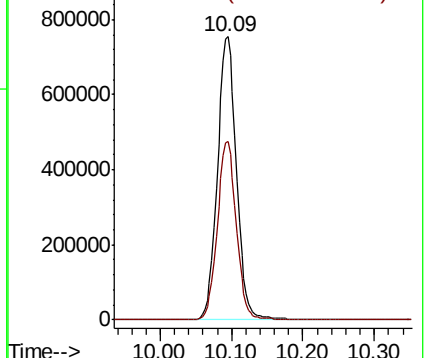
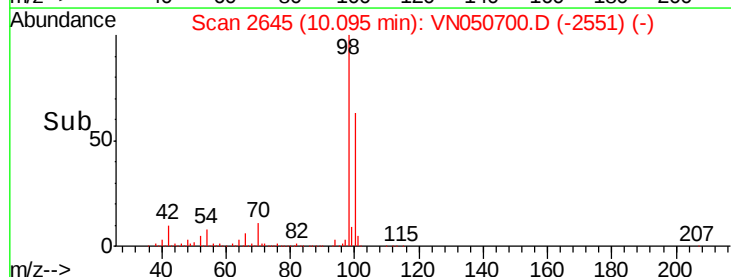
98 100

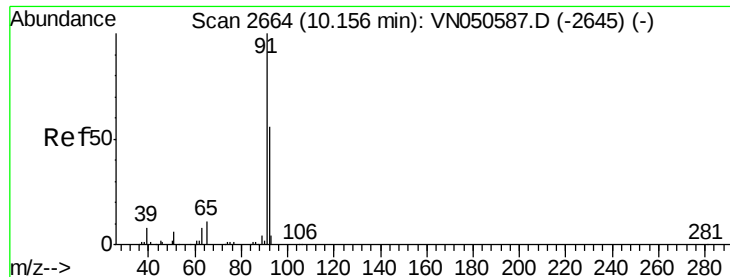
100 63.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 1.56 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN050700.D

Acq: 16 Aug 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

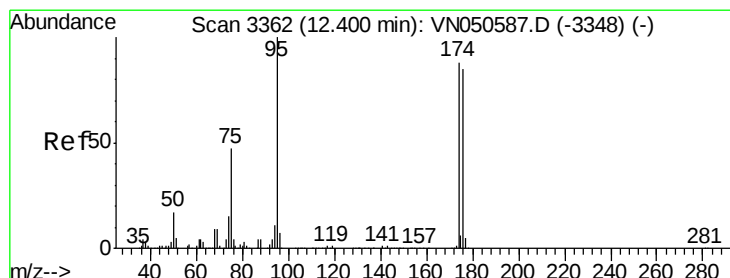
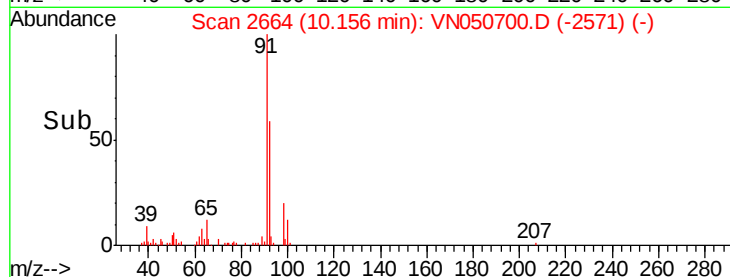
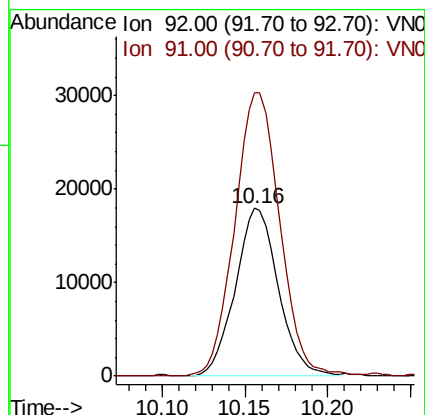
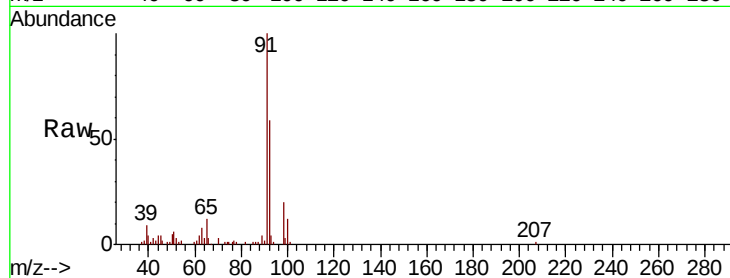
BROWN-FRAC-TANKDL

Tot Ion: 92 Resp: 32420

Ion Ratio Lower Upper

92 100

91 176.7 141.9 212.9



#62

4-Bromofluorobenzene

Concen: 36.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050700.D

Acq: 16 Aug 2018 14:41

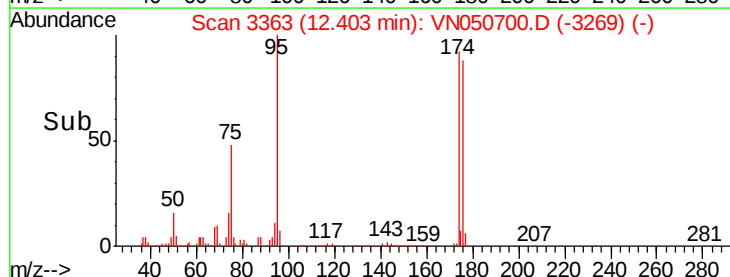
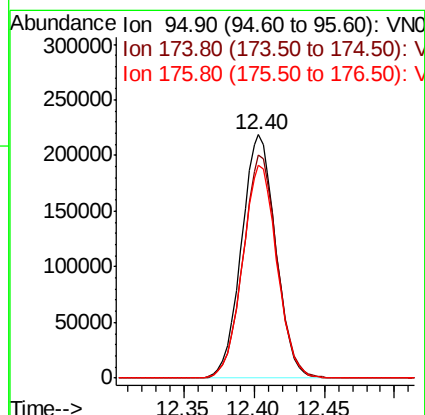
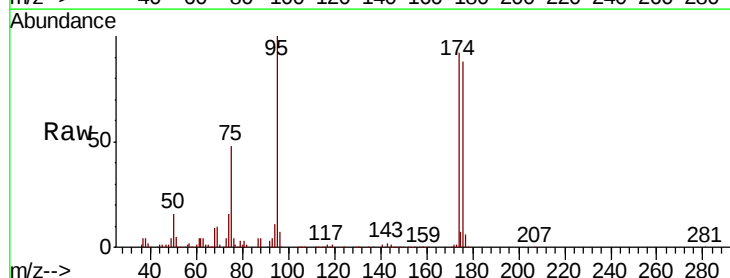
Tgt Ion: 95 Resp: 372355

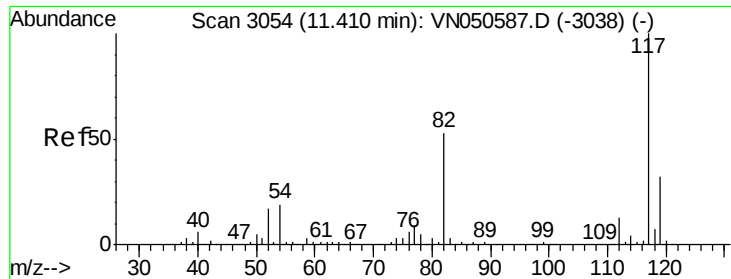
Ion Ratio Lower Upper

95 100

174 91.0 0.0 177.8

176 87.8 0.0 175.0

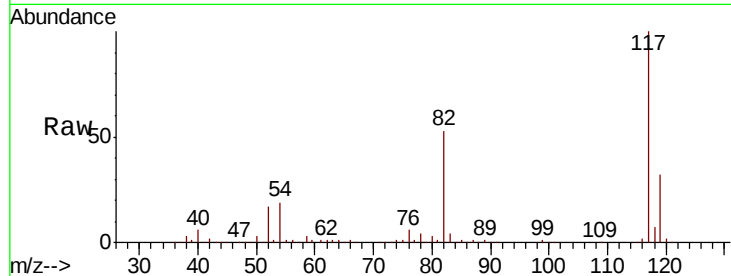




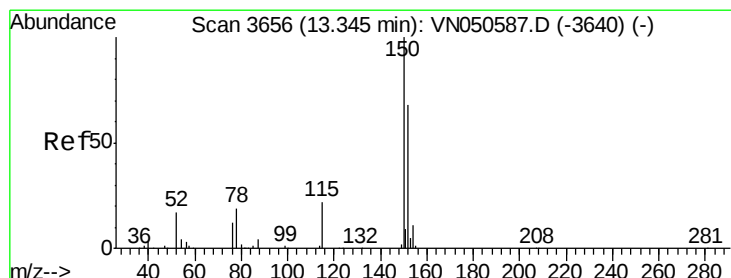
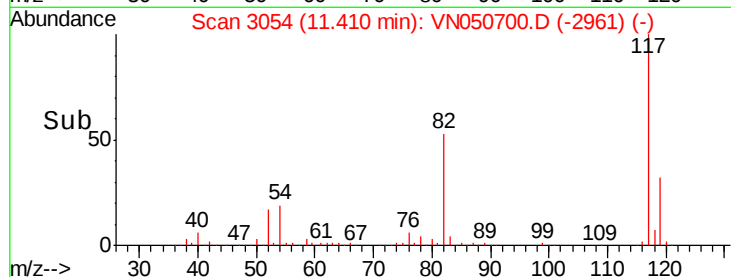
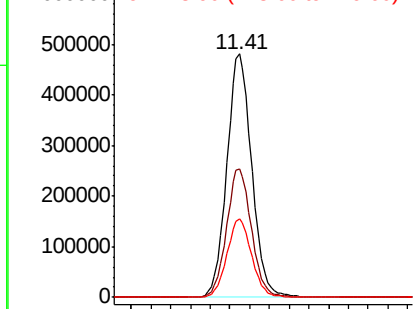
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050700.D
Acq: 16 Aug 2018 14:41

Instrument :
MSVOA_N
ClientSampleId :
BROWN-FRAC-TANKDL

Tot Ion:117 Resp: 849159
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 32.2 25.8 38.8

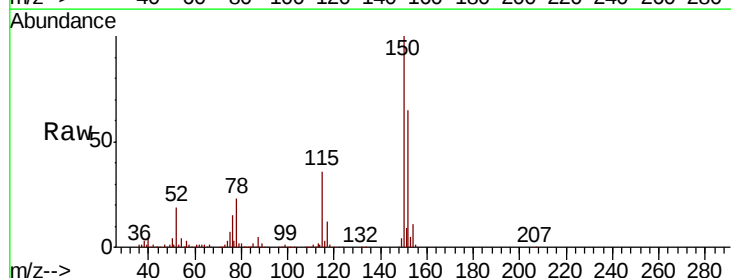


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050700.D
Acq: 16 Aug 2018 14:41

Tgt Ion:152 Resp: 305023
Ion Ratio Lower Upper
152 100
115 55.3 28.1 84.2
150 156.8 0.0 347.8



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

