

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054551.D
 Acq On : 22 Mar 2019 12:08
 Operator : JC/SP
 Sample : K1694-01ME
 Misc : 7.00g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-032019-AME

Quant Time: Mar 23 03:12:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

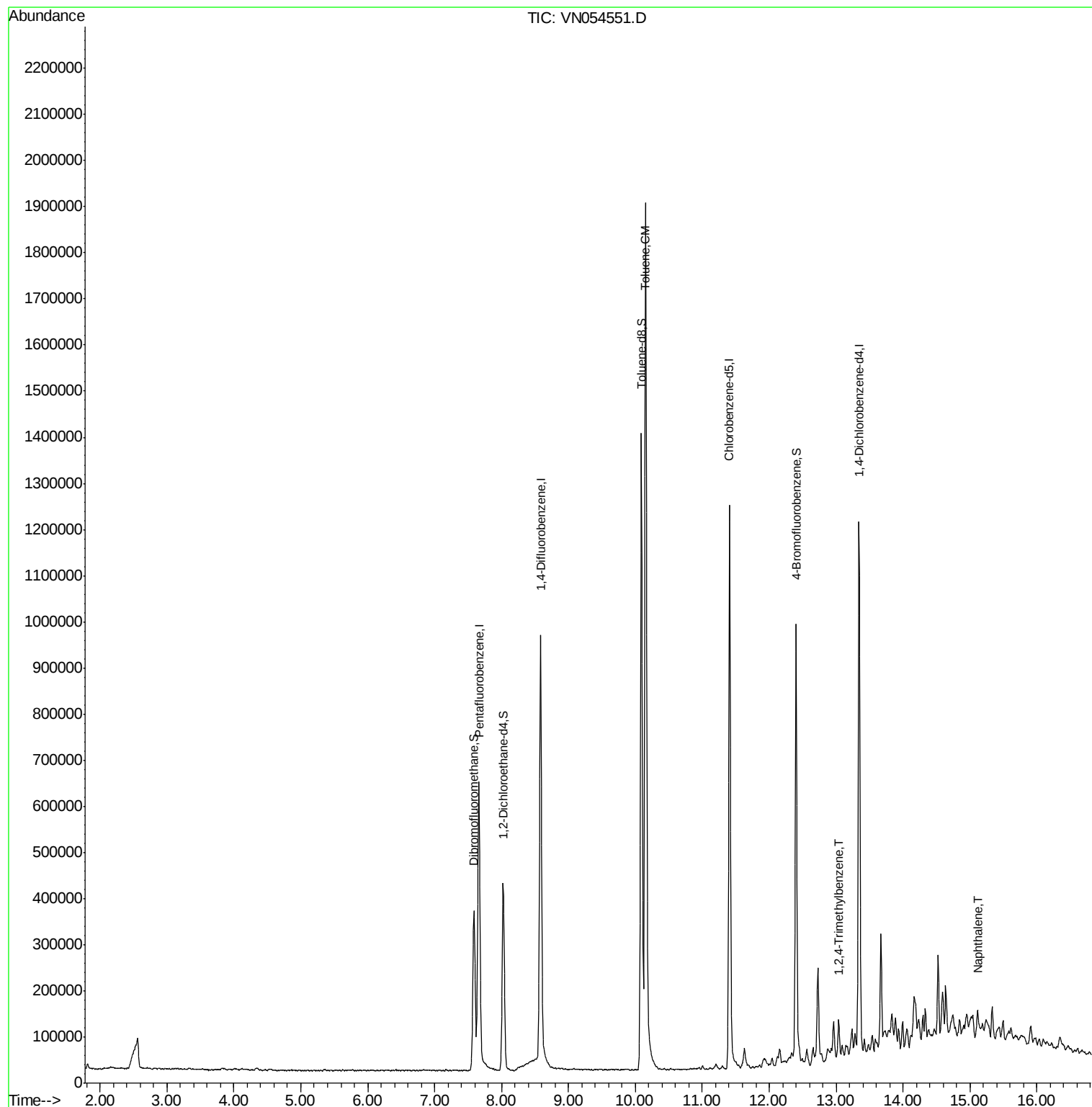
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	561966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	854191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	728241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	309836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	345702	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
35) Dibromofluoromethane	7.59	113	262742	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	10.09	98	1028489	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	328359	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						
52) Toluene	10.15	92	859769	61.207	ug/l	Qvalue 100
84) 1,2,4-Trimethylbenzene	13.04	105	40966	2.040	ug/l	96
95) Naphthalene	15.13	128	11098	1.004	ug/l #	78

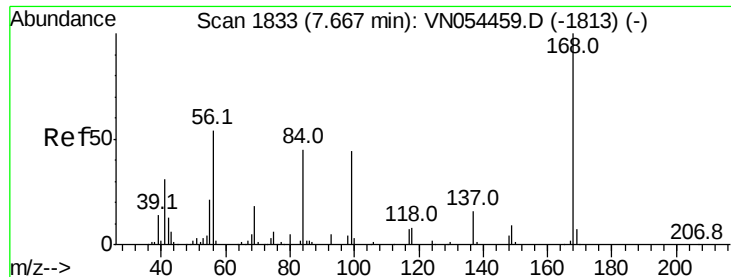
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 22 02:09:07 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054551.D

Acq: 22 Mar 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

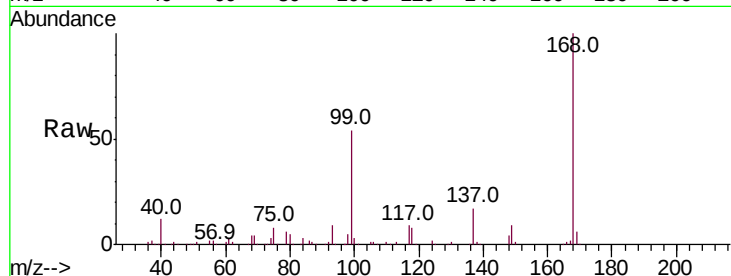
EO-02-032019-AME

Tot Ion:168 Resp: 561966

Ion Ratio Lower Upper

168 100

99 54.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

250000

200000

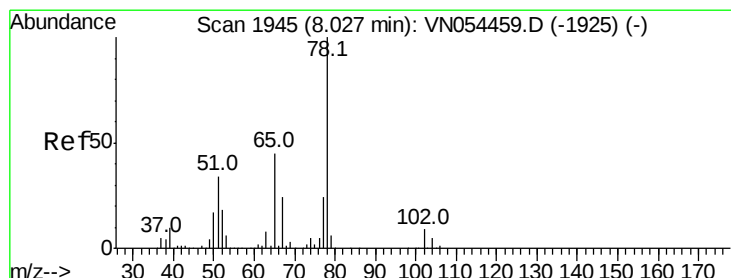
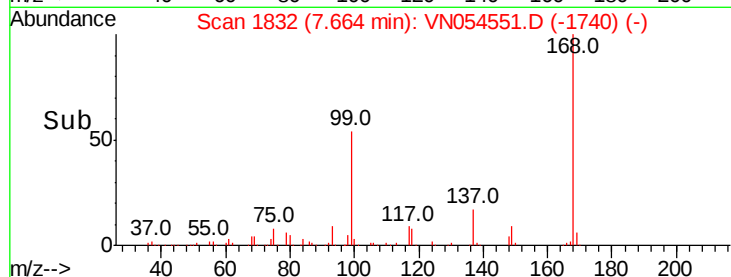
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 49.457 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054551.D

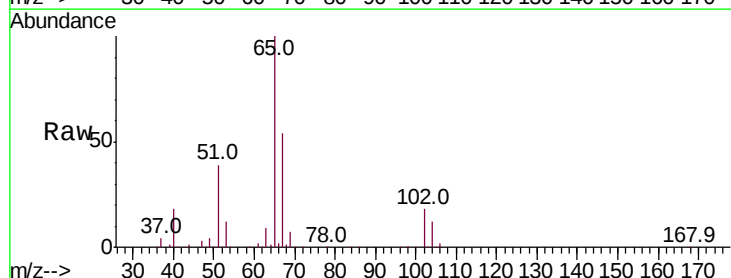
Acq: 22 Mar 2019 12:08

Tgt Ion: 65 Resp: 345702

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.02

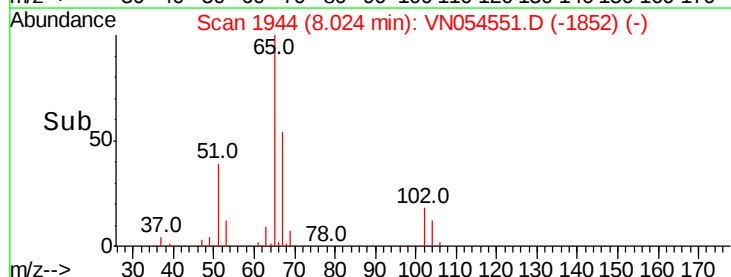
150000

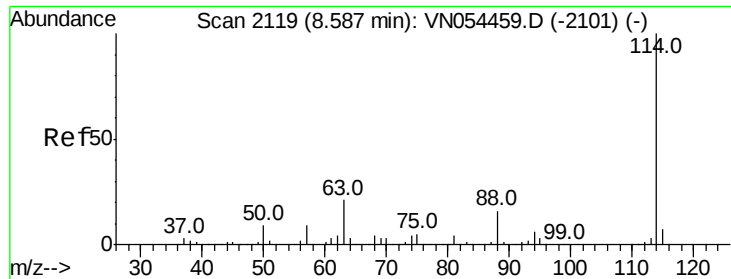
100000

50000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054551.D

Acq: 22 Mar 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

EO-02-032019-AME

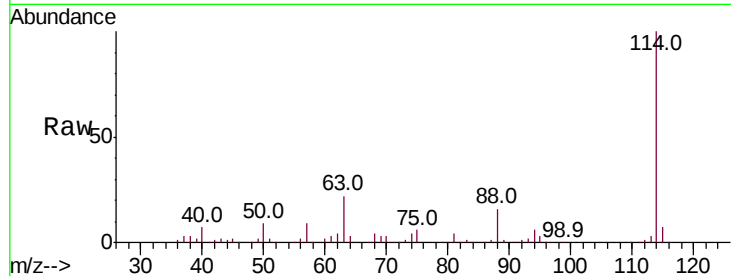
Tot Ion:114 Resp: 854191

Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.2

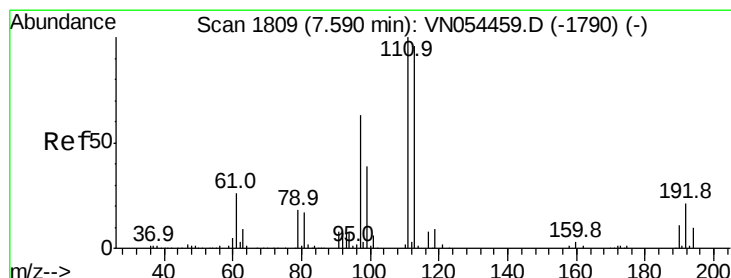
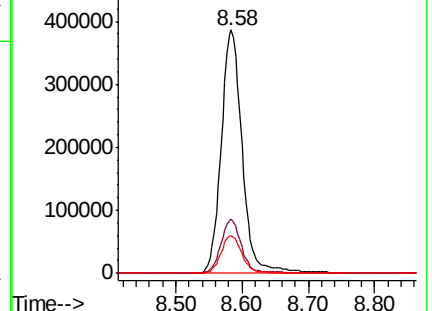
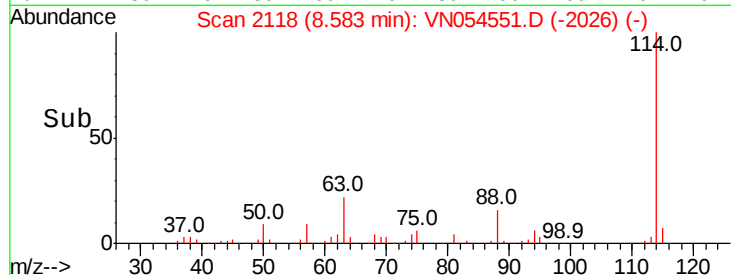
88 15.5 0.0 30.2



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: 47.744 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054551.D

Acq: 22 Mar 2019 12:08

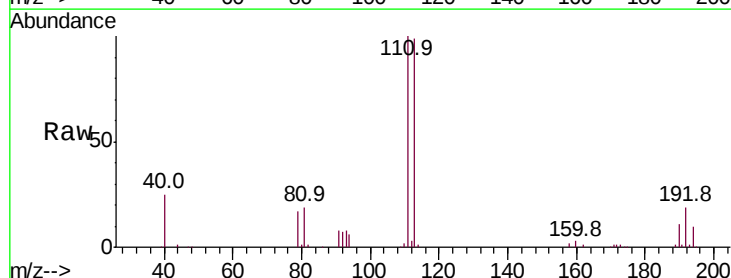
Tgt Ion:113 Resp: 262742

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

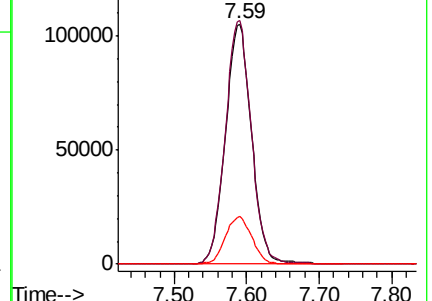
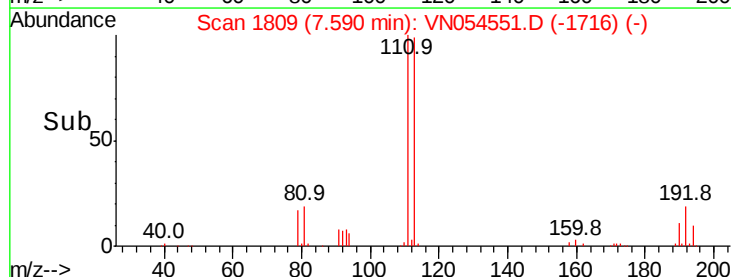
192 20.1 19.2 28.8

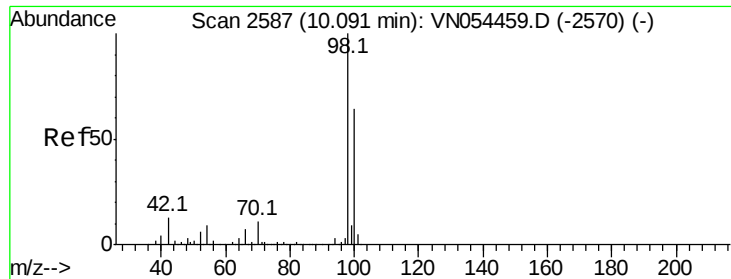


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.713 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054551.D

Acq: 22 Mar 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

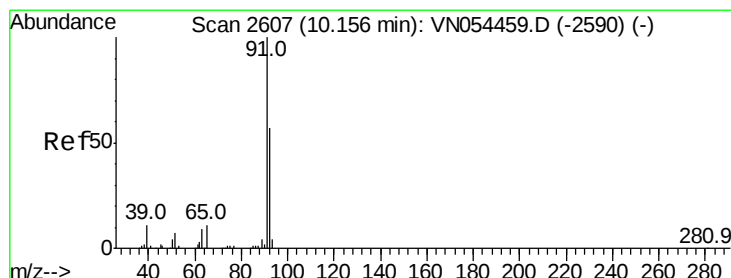
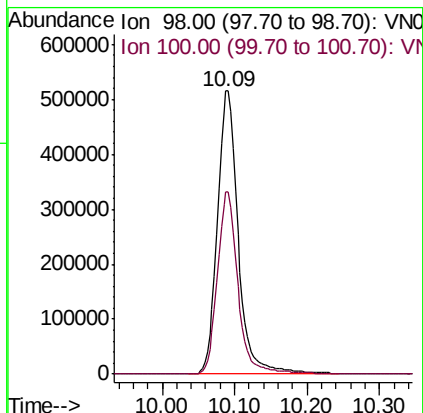
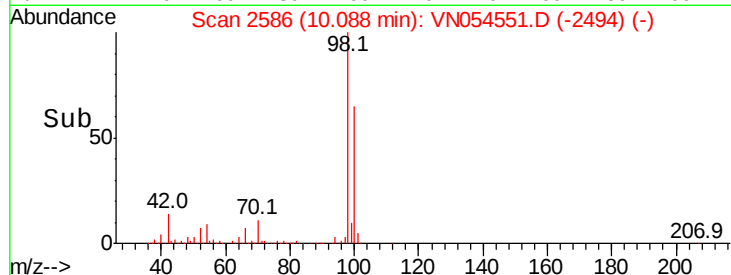
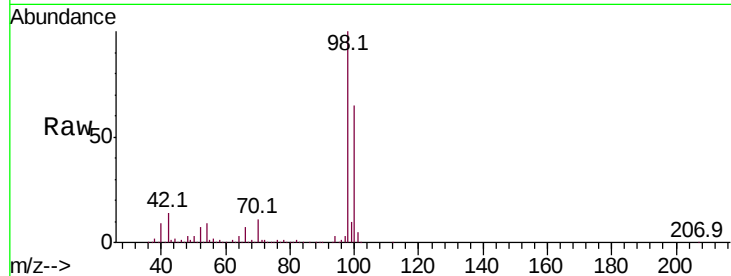
EO-02-032019-AME

Tot Ion: 98 Resp: 1028489

Ion Ratio Lower Upper

98 100

100 63.2 51.2 76.8



#52

Toluene

Concen: 61.207 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN054551.D

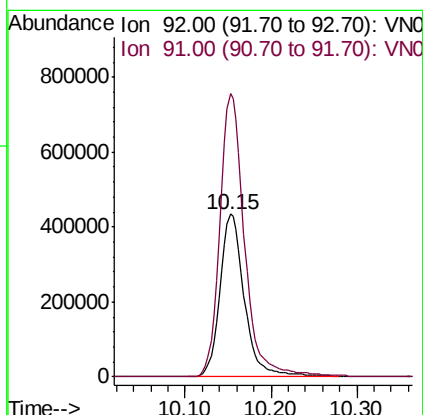
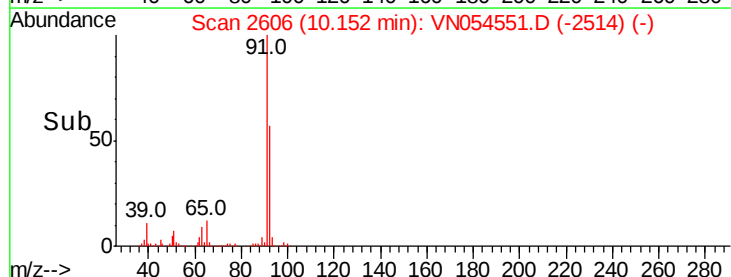
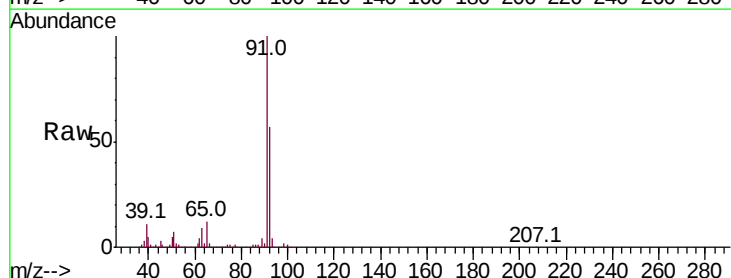
Acq: 22 Mar 2019 12:08

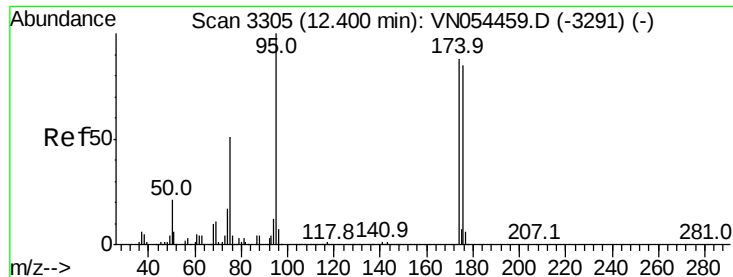
Tgt Ion: 92 Resp: 859769

Ion Ratio Lower Upper

92 100

91 176.3 140.7 211.1





#62

4-Bromofluorobenzene

Concen: 46.643 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054551.D

Acq: 22 Mar 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

EO-02-032019-AME

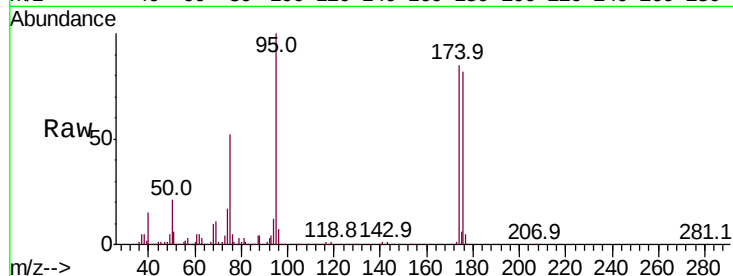
Tot Ion: 95 Resp: 328359

Ion Ratio Lower Upper

95 100

174 85.4 0.0 191.0

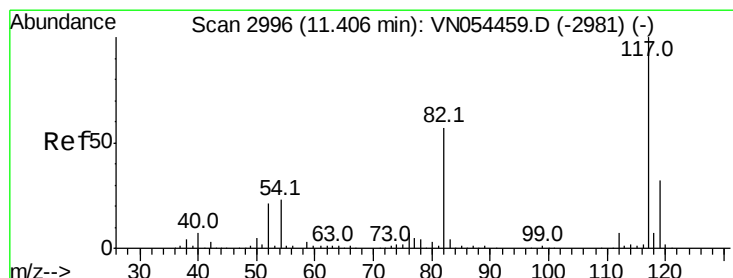
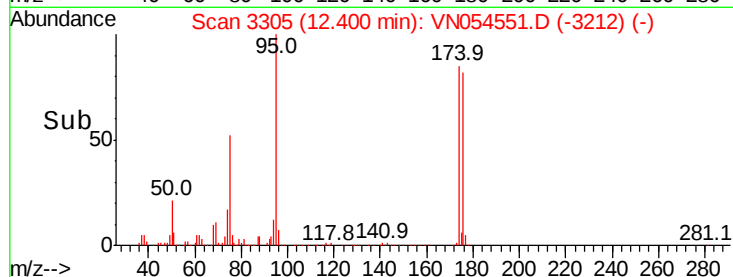
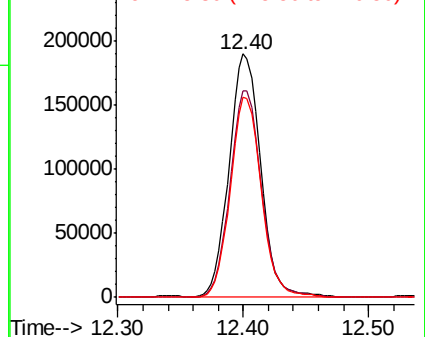
176 81.9 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054551.D

Acq: 22 Mar 2019 12:08

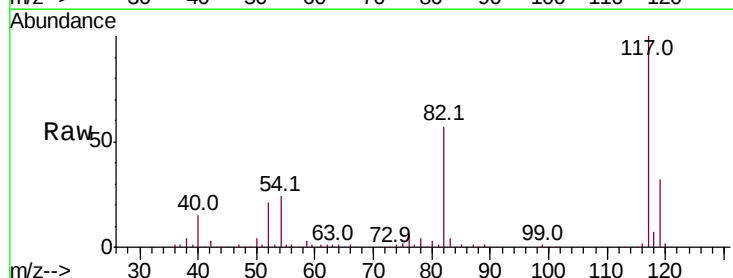
Tgt Ion: 117 Resp: 728241

Ion Ratio Lower Upper

117 100

82 57.4 40.0 60.0

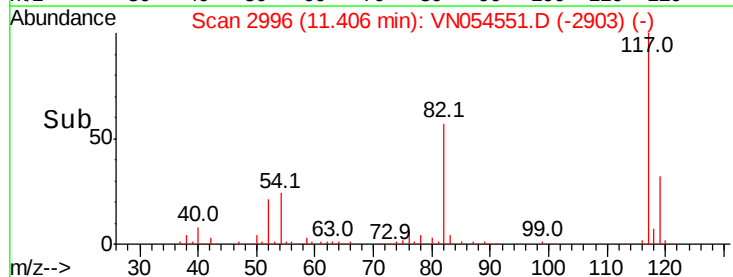
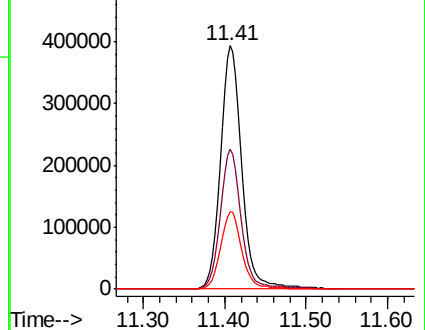
119 31.9 25.8 38.6

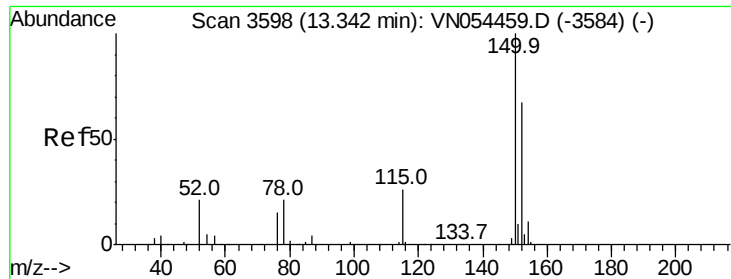


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054551.D

Acq: 22 Mar 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

EO-02-032019-AME

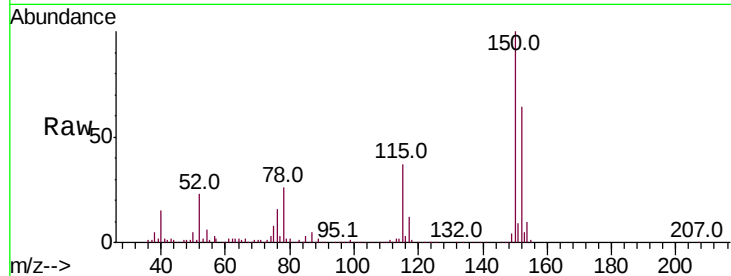
Tot Ion:152 Resp: 309836

Ion Ratio Lower Upper

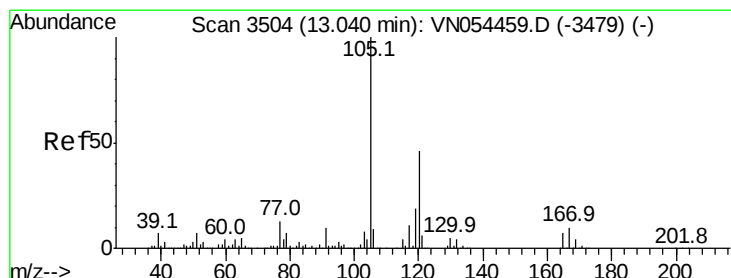
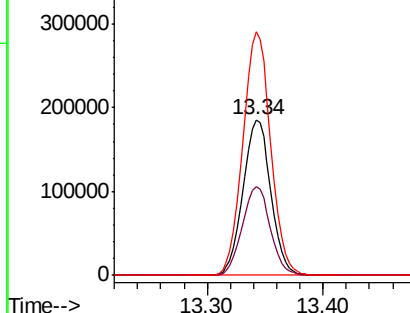
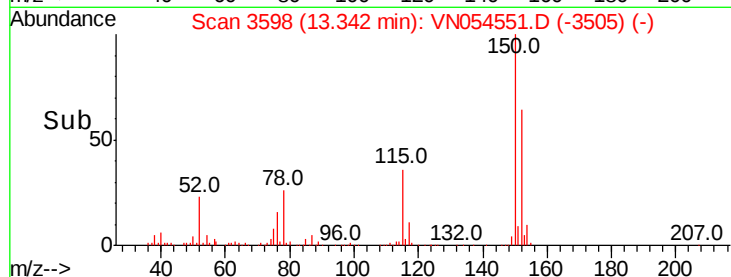
152 100

115 57.6 27.2 81.6

150 156.4 0.0 349.2



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



#84

1,2,4-Trimethylbenzene

Concen: 2.040 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN054551.D

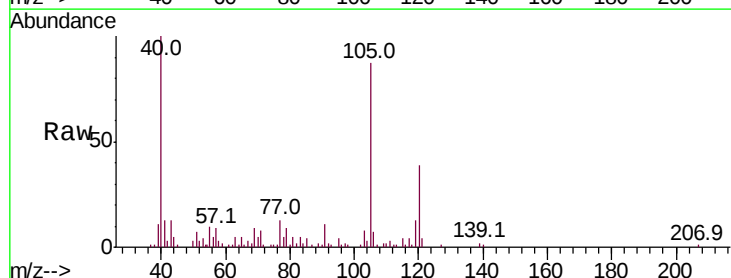
Acq: 22 Mar 2019 12:08

Tgt Ion:105 Resp: 40966

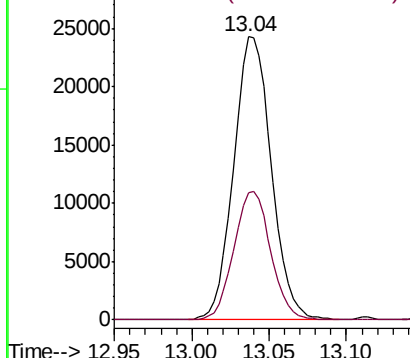
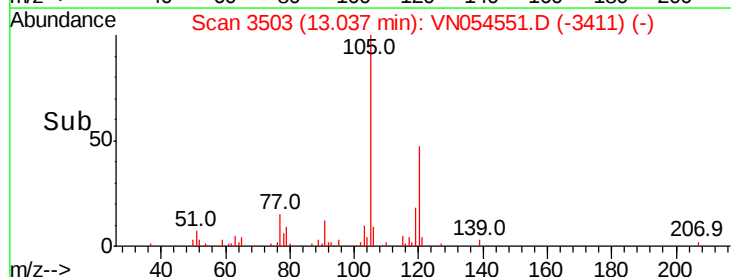
Ion Ratio Lower Upper

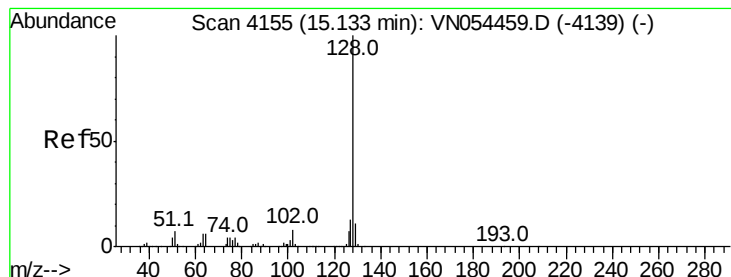
105 100

120 44.4 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.004 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054551.D

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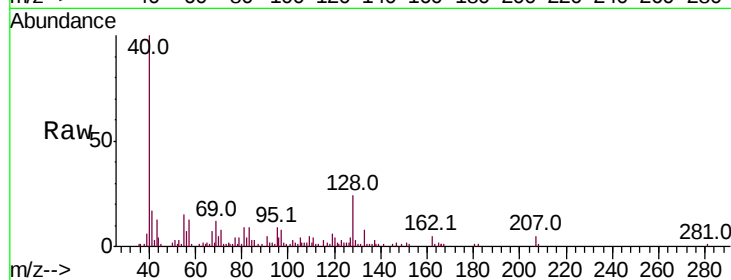
Tot Ion:128 Resp: 11098

Ion Ratio Lower Upper

128 100

127 25.0 10.1 15.1#

129 15.1 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

