

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054232.D
 Acq On : 14 Mar 2019 00:53
 Operator : JC/SP
 Sample : K1693-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-031219-A

Quant Time: Mar 14 08:28:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

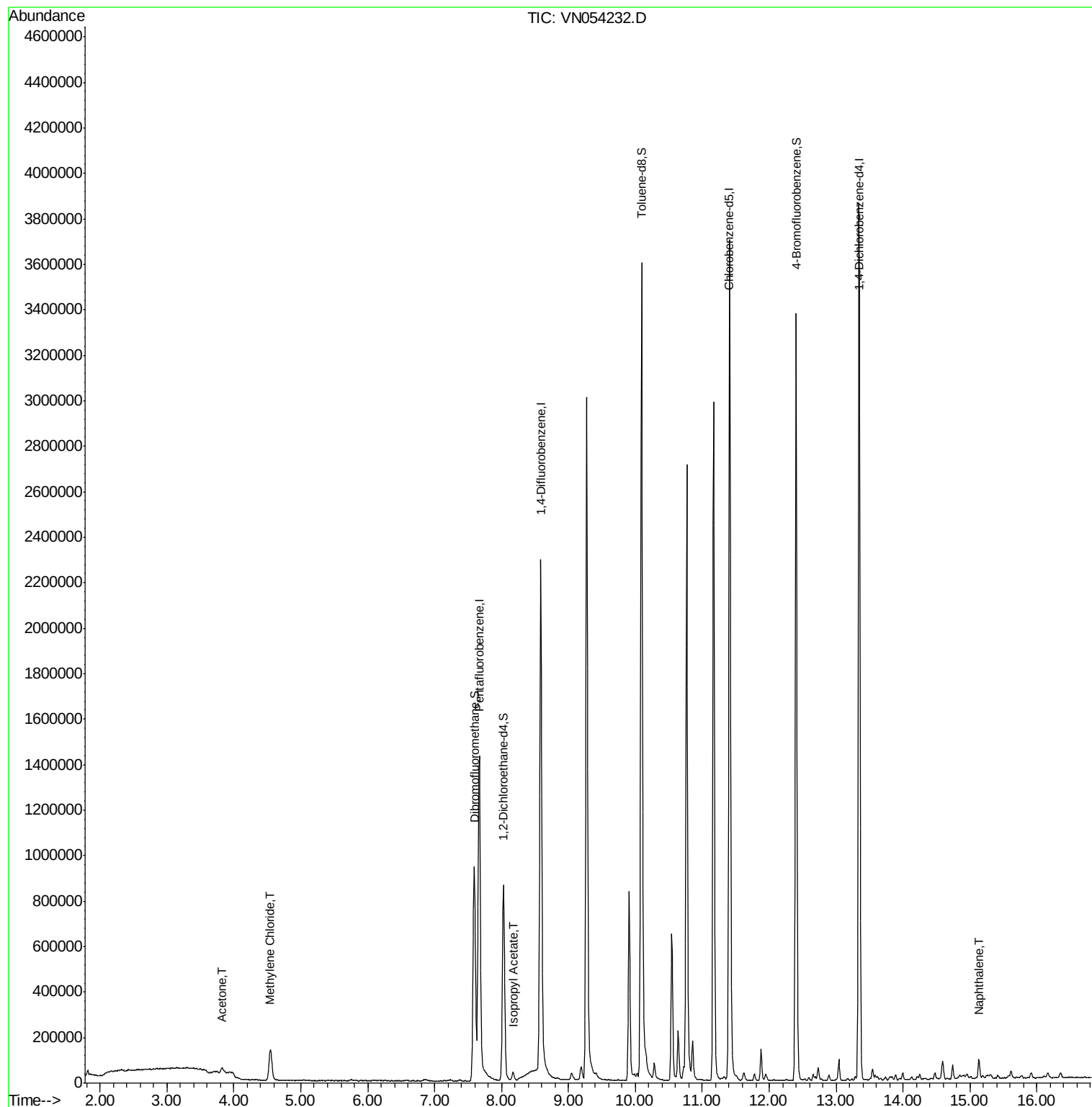
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1419883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2302498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2464429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1143273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	759319	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
35) Dibromofluoromethane	7.59	113	721116	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
50) Toluene-d8	10.09	98	2918465	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
62) 4-Bromofluorobenzene	12.40	95	1146736	59.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.52%	
Target Compounds						
16) Acetone	3.82	43	38054	8.814	ug/l	92
20) Methylene Chloride	4.55	84	110156	7.770	ug/l	99
43) Isopropyl Acetate	8.17	43	44293	2.071	ug/l	99
95) Naphthalene	15.13	128	76153	4.883	ug/l	100

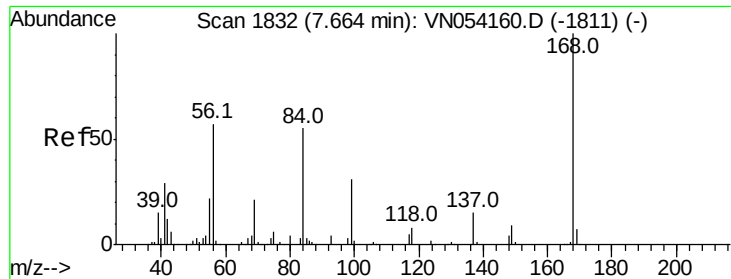
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054232.D

Acq: 14 Mar 2019 00:53

Instrument :

MSVOA_N

ClientSampleId :

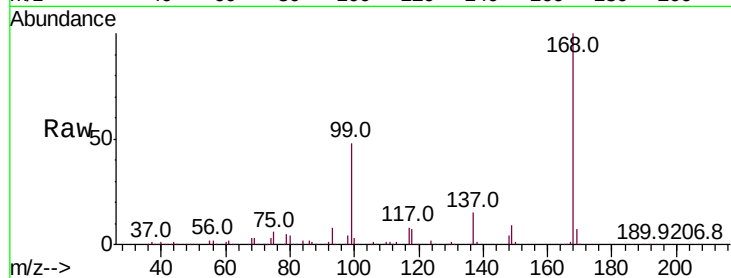
OR-02-031219-A

Tot Ion:168 Resp: 1419883

Ion Ratio Lower Upper

168 100

99 47.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054232.D (-543) (-)

Ion 98.90 (98.60 to 99.60): VN054232.D (-543) (-)

7.67

600000

500000

400000

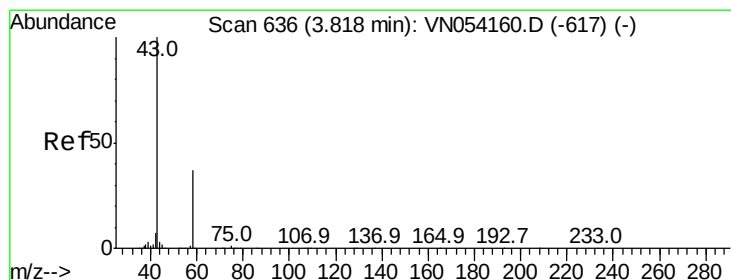
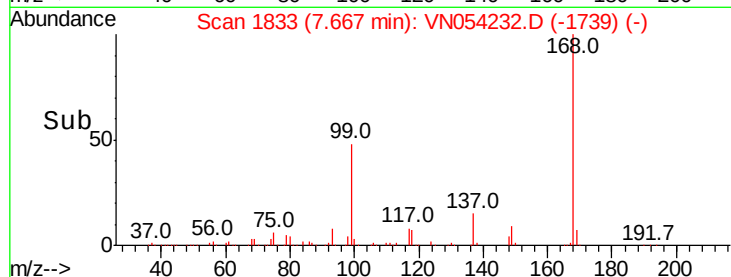
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.814 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054232.D

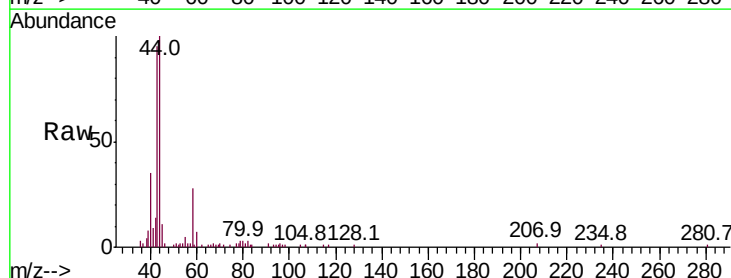
Acq: 14 Mar 2019 00:53

Tgt Ion: 43 Resp: 38054

Ion Ratio Lower Upper

43 100

58 32.5 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054232.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN054232.D (-543) (-)

3.82

20000

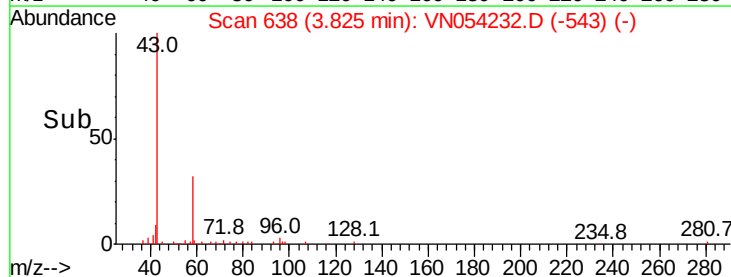
15000

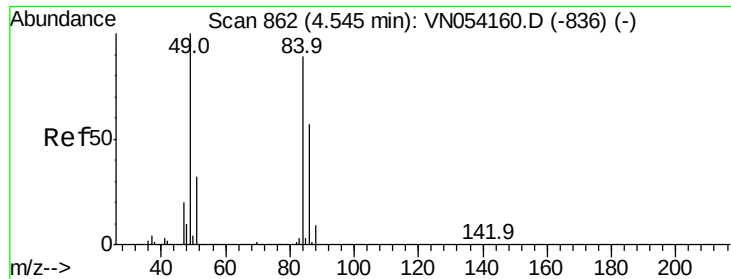
10000

5000

0

Time-->

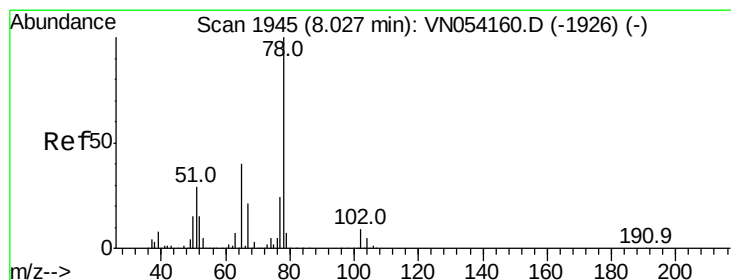
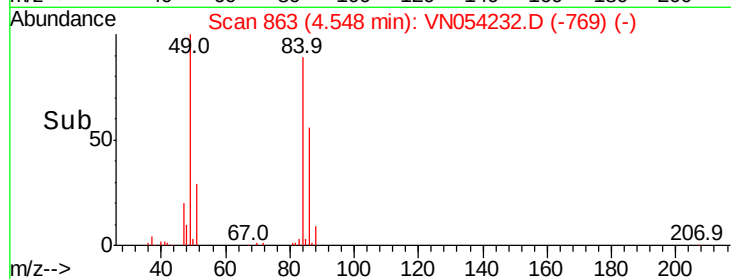
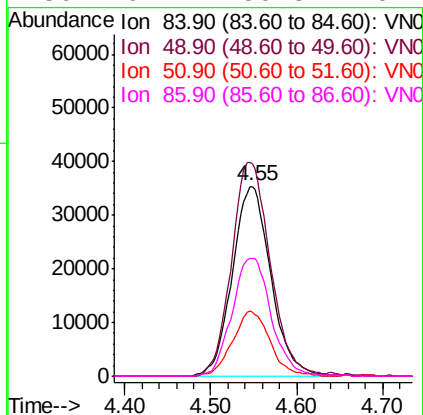
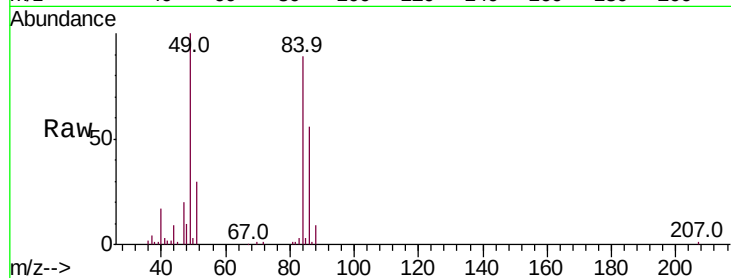




#20
Methylene Chloride
Concen: 7.770 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

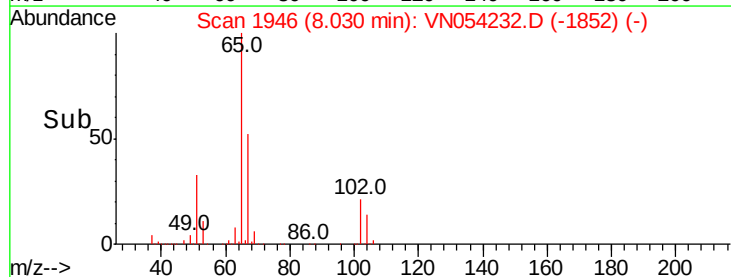
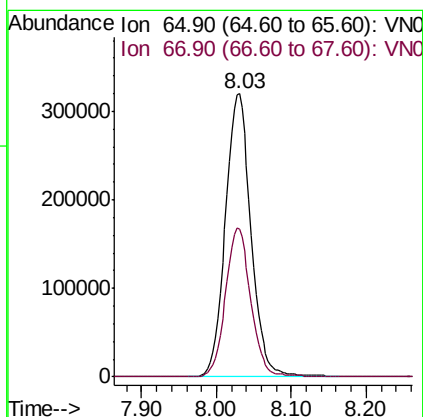
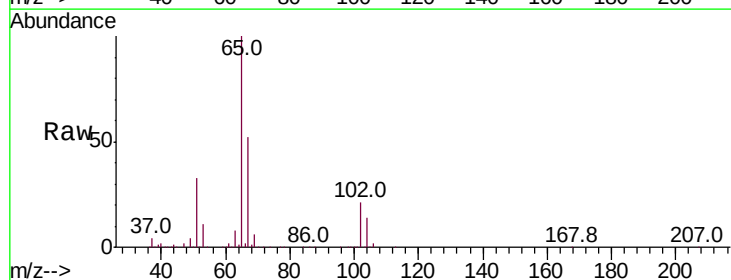
Instrument :
MSVOA_N
ClientSampleId :
OR-02-031219-A

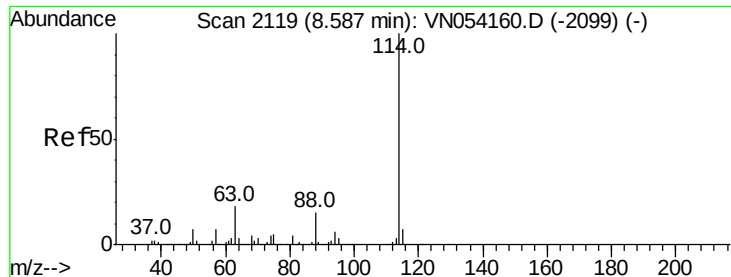
Tot Ion: 84 Resp: 110156
Ion Ratio Lower Upper
84 100
49 111.9 89.7 134.5
51 33.4 28.2 42.4
86 62.4 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 50.355 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

Tgt Ion: 65 Resp: 759319
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

Instrument :

MSVOA_N

ClientSampleId :

OR-02-031219-A

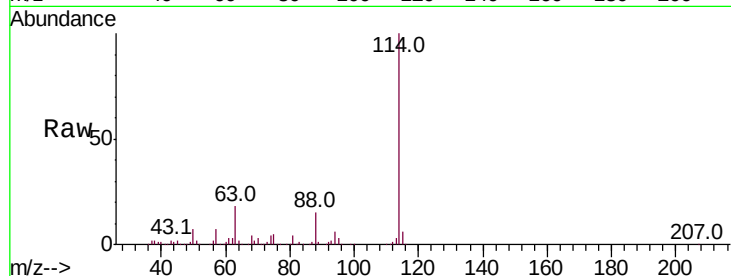
Tot Ion:114 Resp: 2302498

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.2

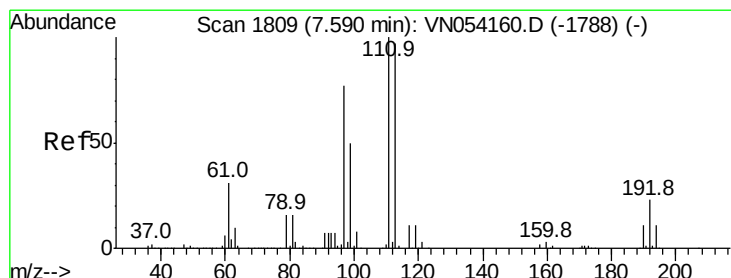
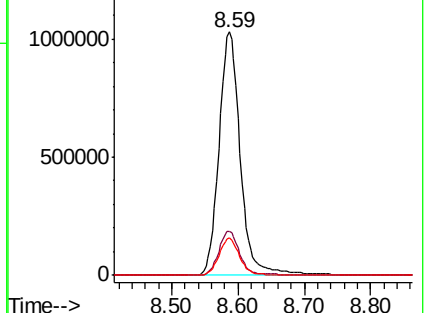
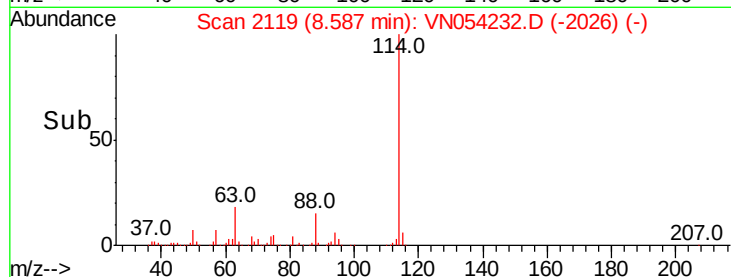
88 15.2 0.0 30.2



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: 48.559 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

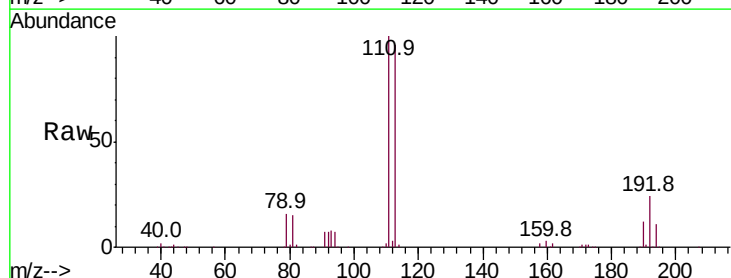
Tgt Ion:113 Resp: 721116

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

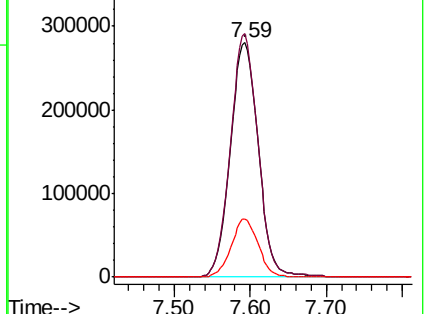
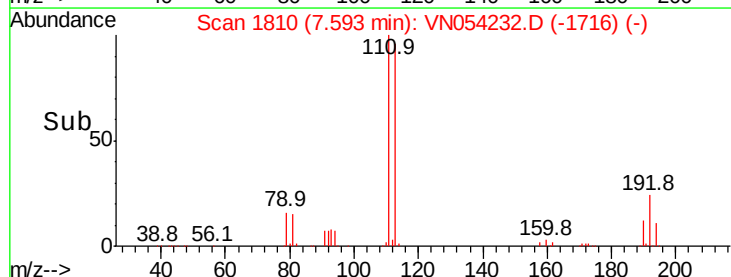
192 23.9 19.2 28.8

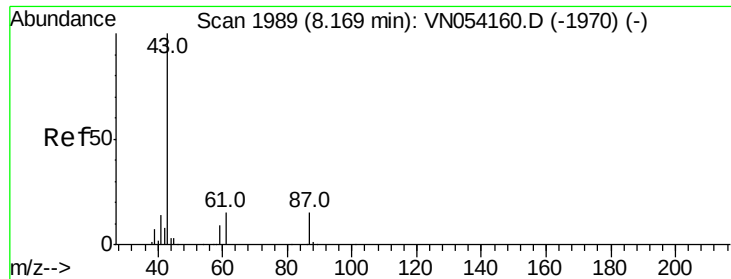


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.071 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

Instrument :

MSVOA_N

ClientSampleId :

OR-02-031219-A

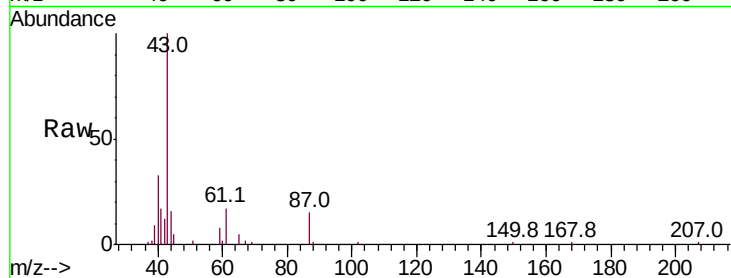
Tot Ion: 43 Resp: 44293

Ion Ratio Lower Upper

43 100

61 19.8 15.8 23.8

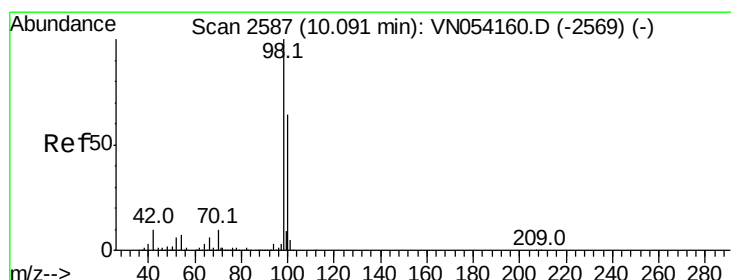
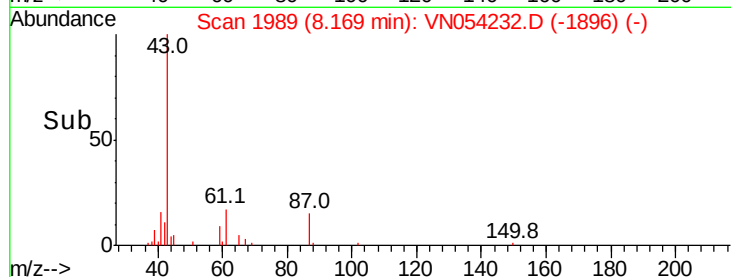
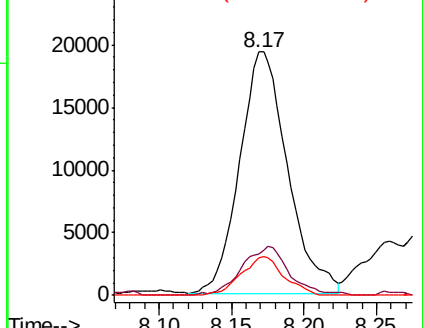
87 14.4 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN054160.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN054160.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN054160.D (-1970) (-)



#50

Toluene-d8

Concen: 53.214 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054232.D

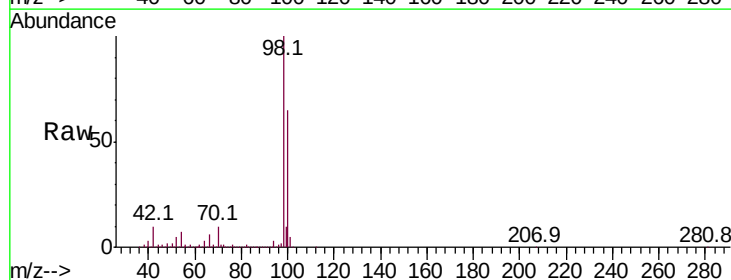
Acq: 14 Mar 2019 00:53

Tgt Ion: 98 Resp: 2918465

Ion Ratio Lower Upper

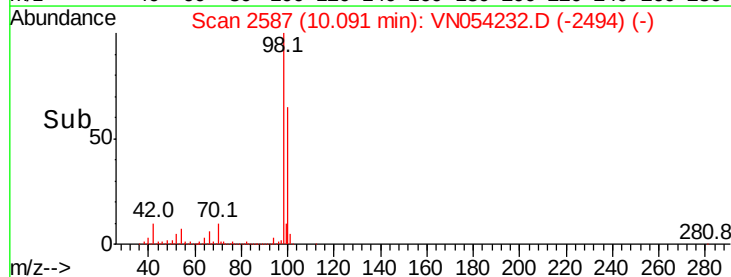
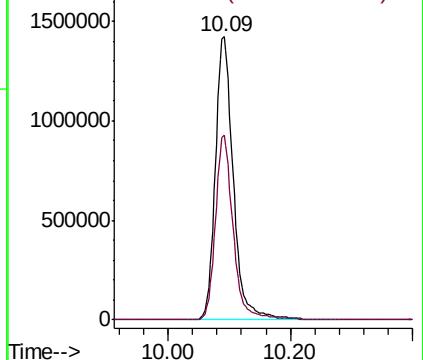
98 100

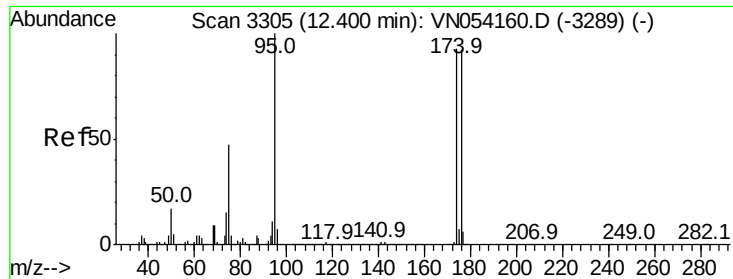
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054160.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054160.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 59.757 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

Instrument :

MSVOA_N

ClientSampleId :

OR-02-031219-A

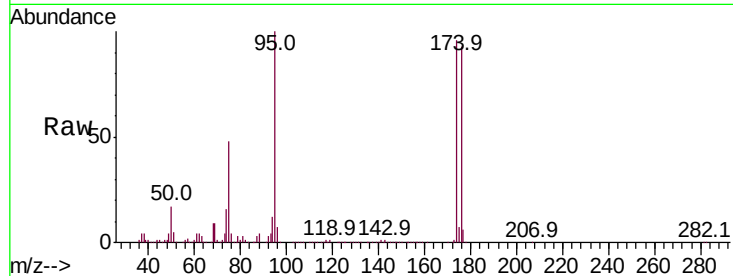
Tot Ion: 95 Resp: 1146736

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.0

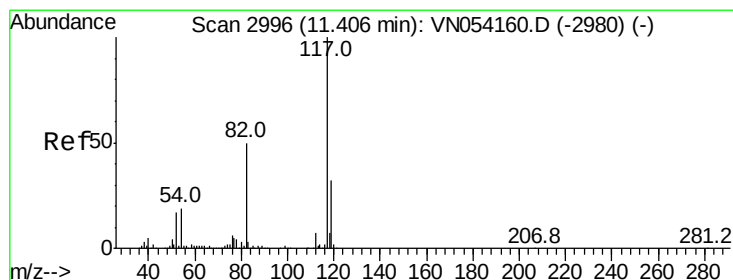
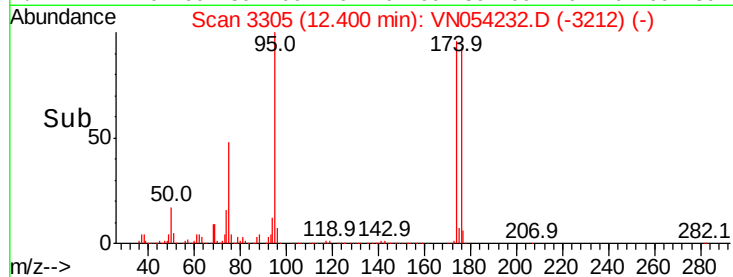
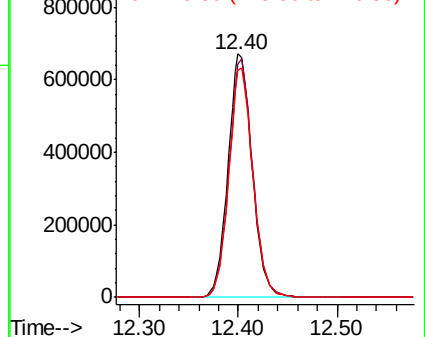
176 93.5 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

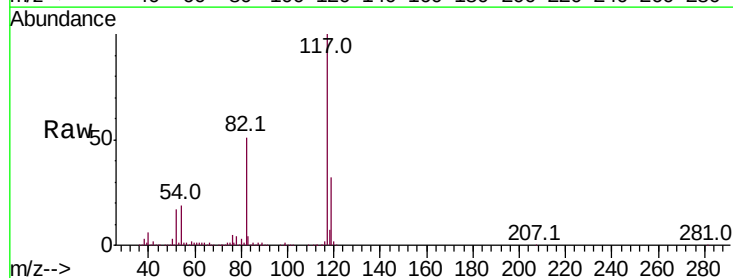
Tgt Ion: 117 Resp: 2464429

Ion Ratio Lower Upper

117 100

82 50.8 40.0 60.0

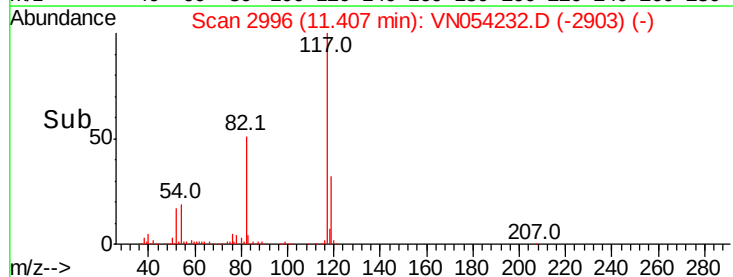
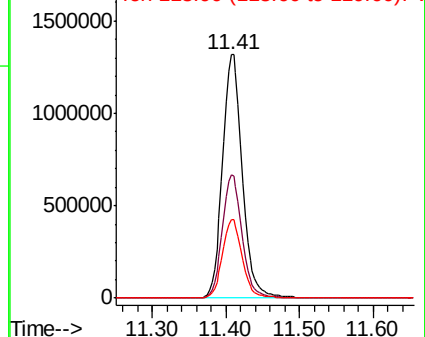
119 32.3 25.8 38.6

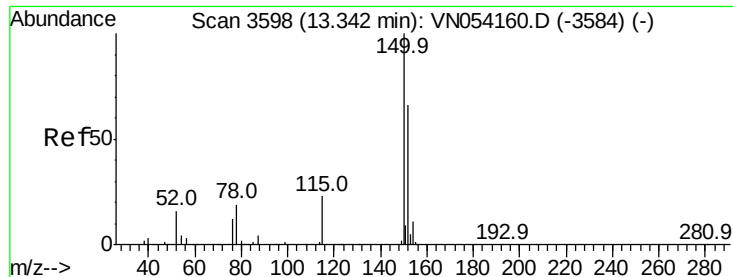


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

Instrument :

MSVOA_N

ClientSampleId :

OR-02-031219-A

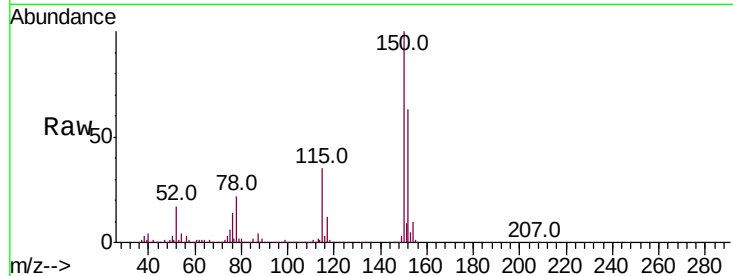
Tot Ion:152 Resp: 1143273

Ion Ratio Lower Upper

152 100

115 55.0 27.2 81.6

150 156.3 0.0 349.2

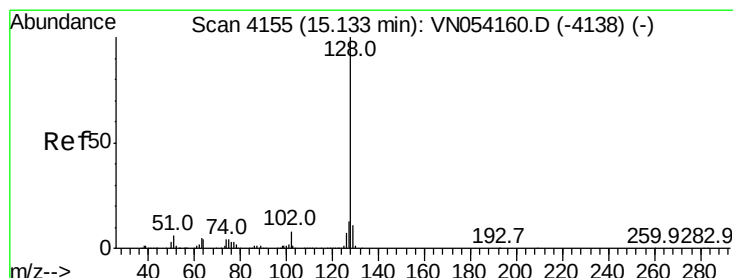
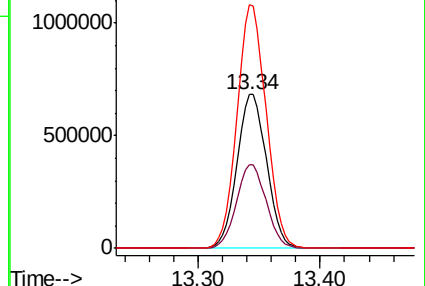
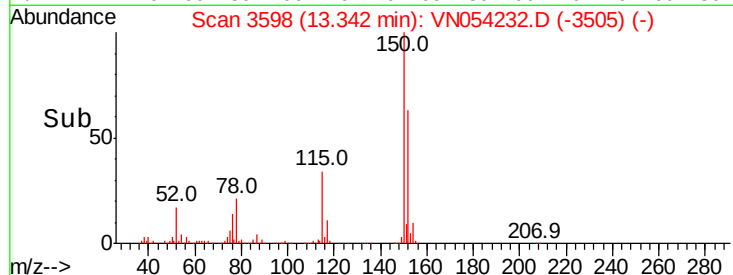


Abundance

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



#95

Naphthalene

Concen: 4.883 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

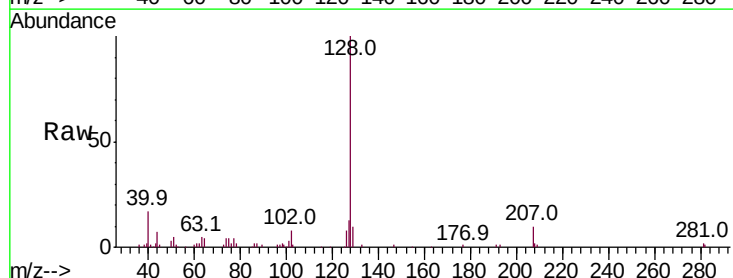
Tgt Ion:128 Resp: 76153

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 11.1 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

