

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054413.D
 Acq On : 19 Mar 2019 00:55
 Operator : JC/SP
 Sample : K1902-12 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30240-41-42-43-44

Quant Time: Mar 19 07:18:58 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

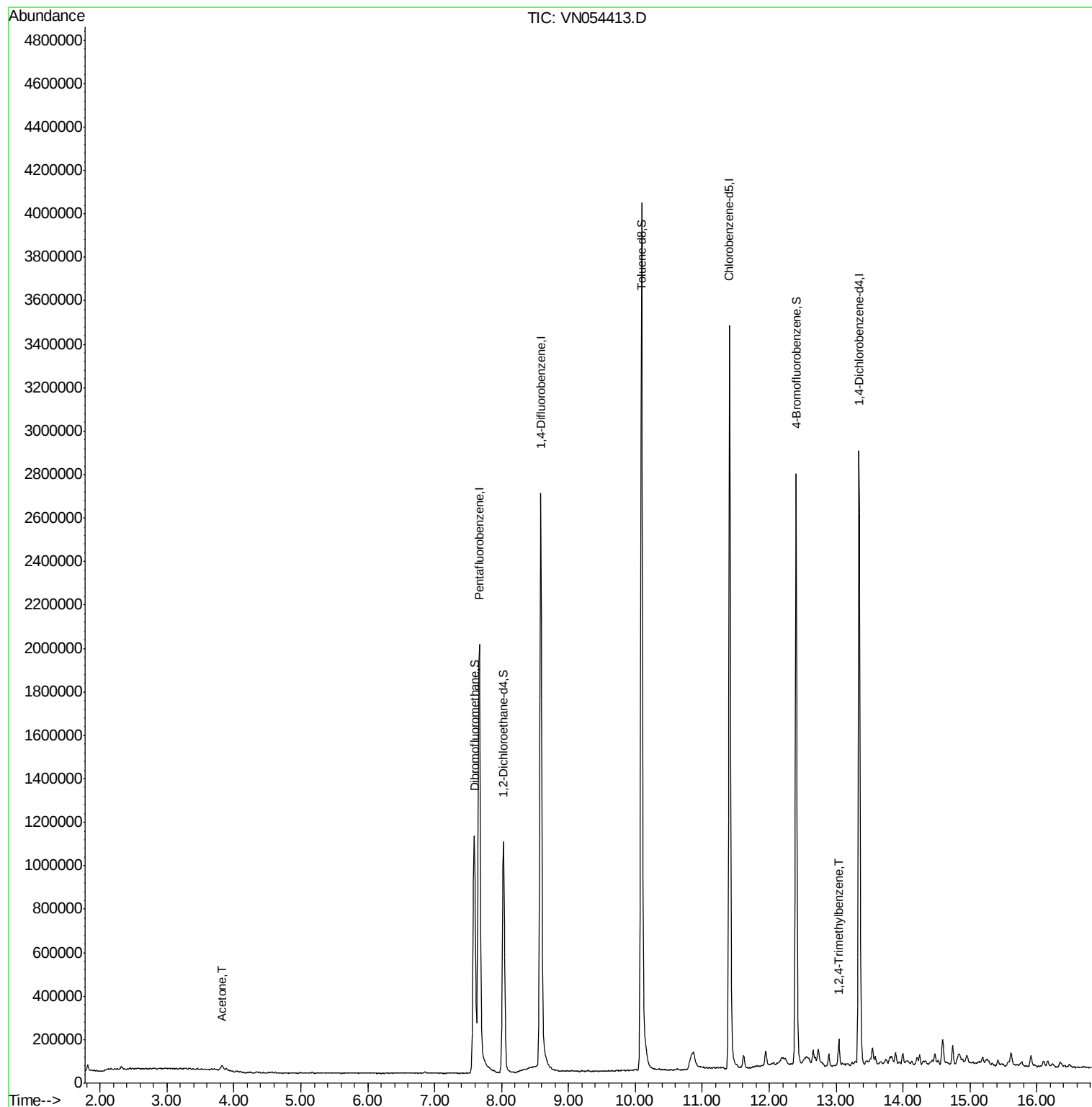
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1915926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2779611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2304853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	852252	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	931730	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
35) Dibromofluoromethane	7.59	113	847532	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	10.09	98	3179669	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	12.40	95	941554	40.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.28%	
Target Compounds						
16) Acetone	3.82	43	32938	5.654	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	71403	1.283	ug/l	99

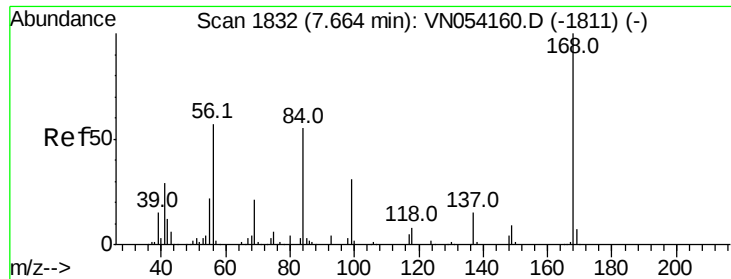
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

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Acq: 19 Mar 2019 00:55

Instrument :

MSVOA_N

ClientSampleId :

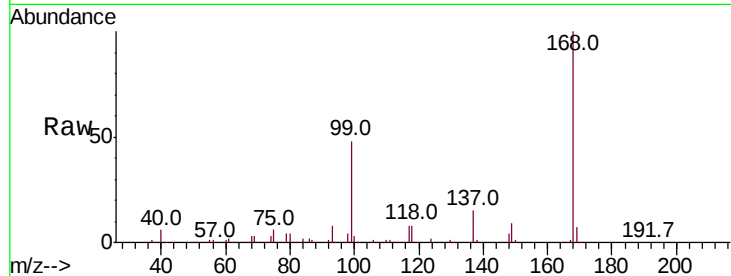
30240-41-42-43-44

Tot Ion:168 Resp: 1915926

Ion Ratio Lower Upper

168 100

99 47.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

800000

600000

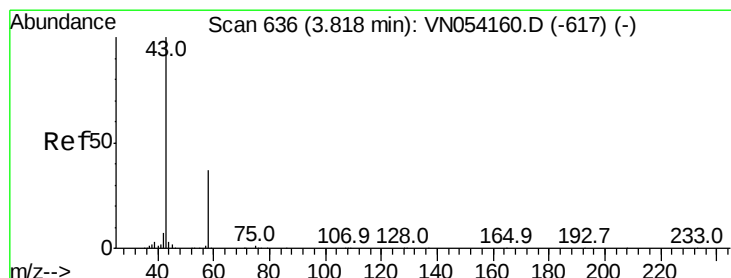
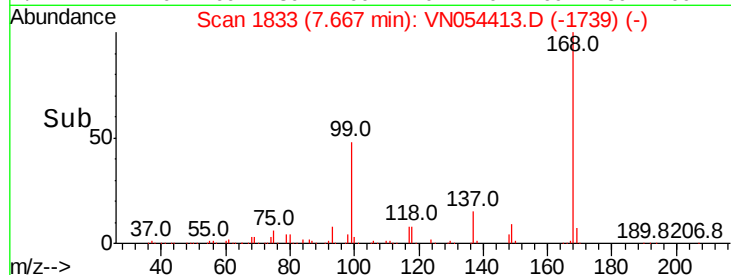
400000

200000

0

7.50 7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.654 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054413.D

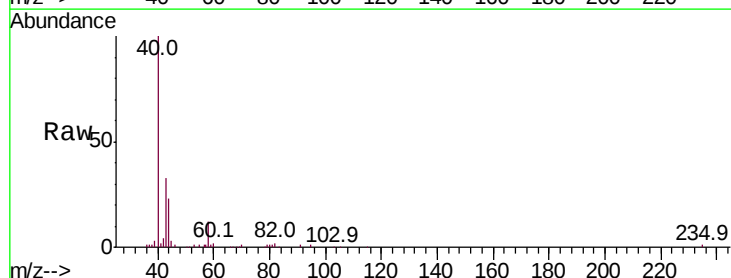
Acq: 19 Mar 2019 00:55

Tgt Ion: 43 Resp: 32938

Ion Ratio Lower Upper

43 100

58 39.6 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

15000 Ion 58.00 (57.70 to 58.70): VN

3.82

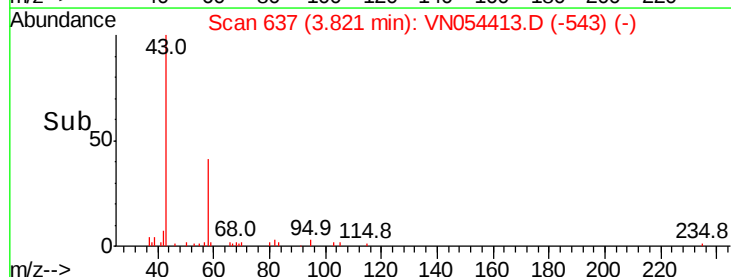
10000

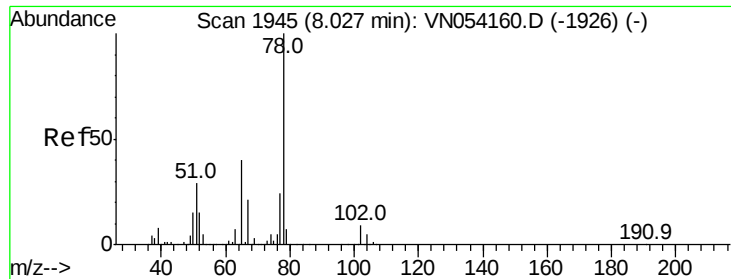
5000

0

3.75 3.80 3.85 3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.792 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

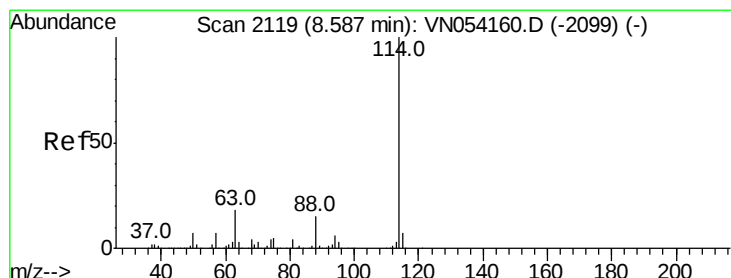
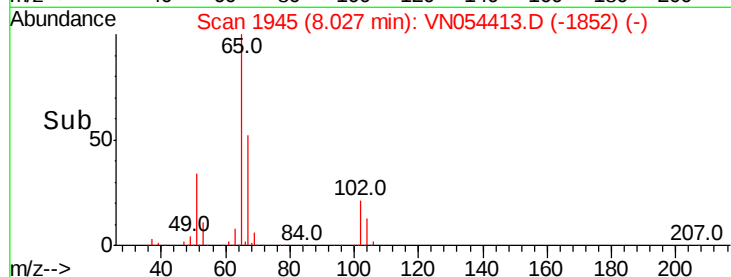
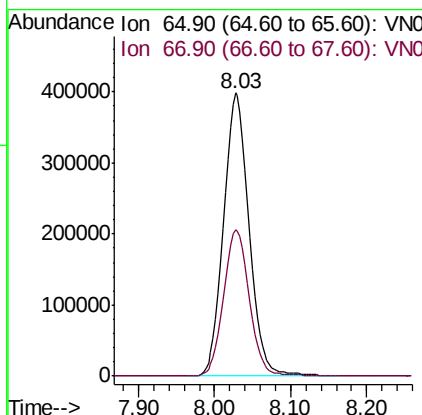
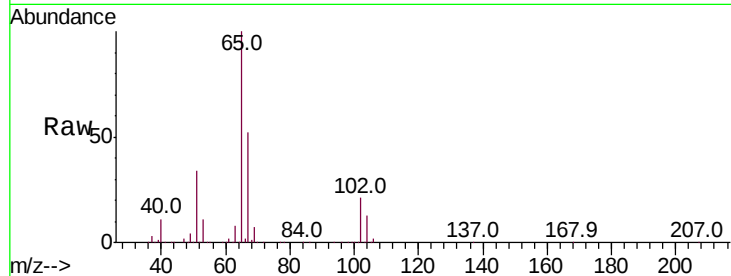
Lab File: VN054413.D

Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tot Ion: 65 Resp: 931730

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

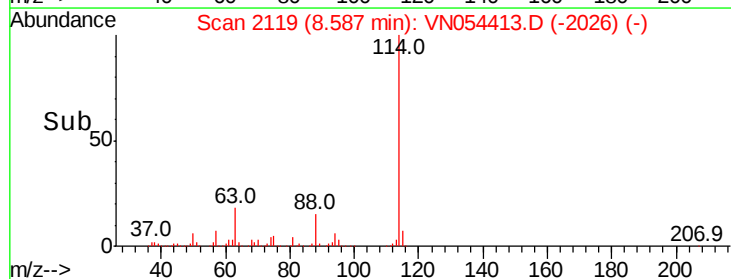
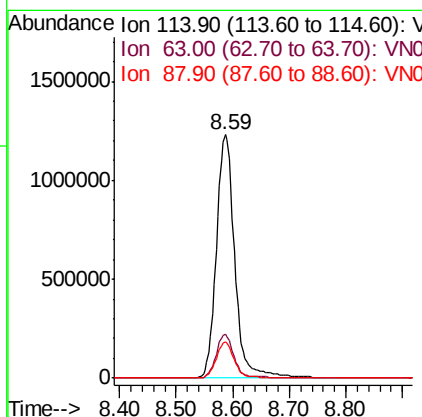
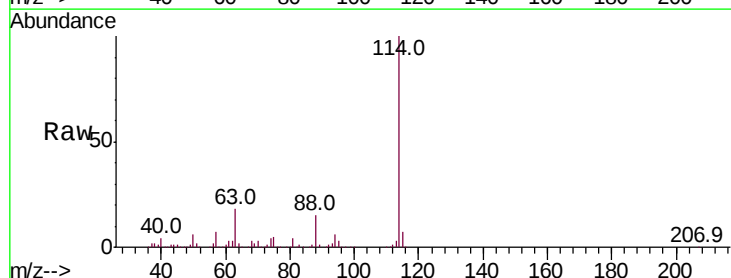
Delta R.T. -0.00 min

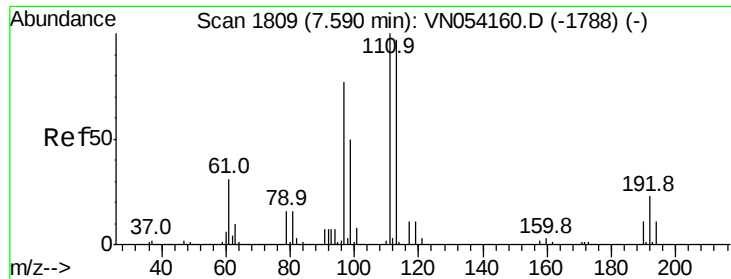
Lab File: VN054413.D

Acq: 19 Mar 2019 00:55

Tgt Ion: 114 Resp: 2779611

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.2
88	14.8	0.0	30.2

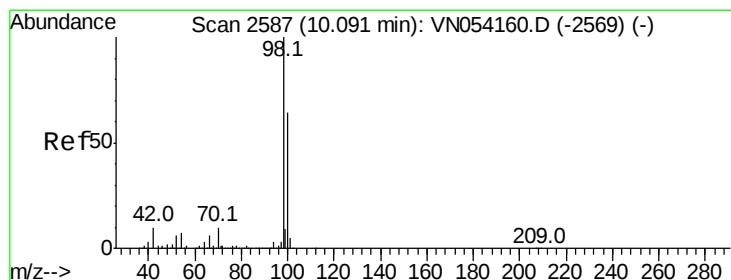
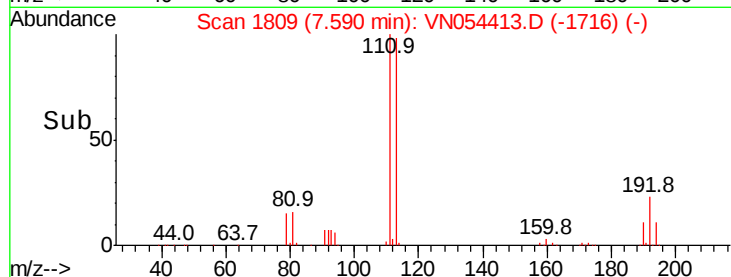
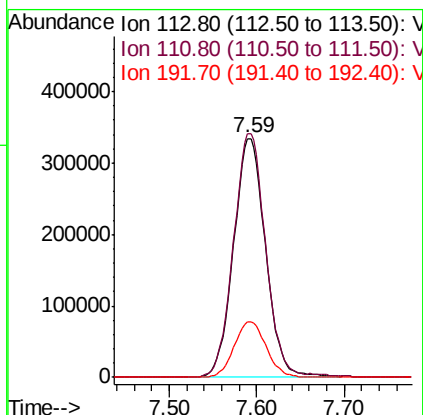
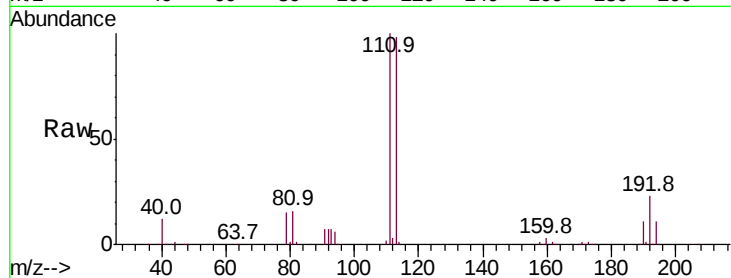




#35
 Dibromofluoromethane
 Concen: 47.276 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054413.D
 Acq: 19 Mar 2019 00:55

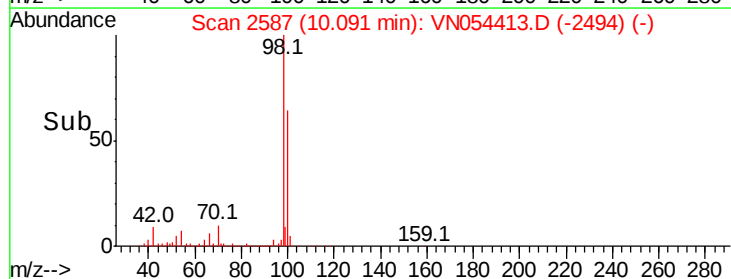
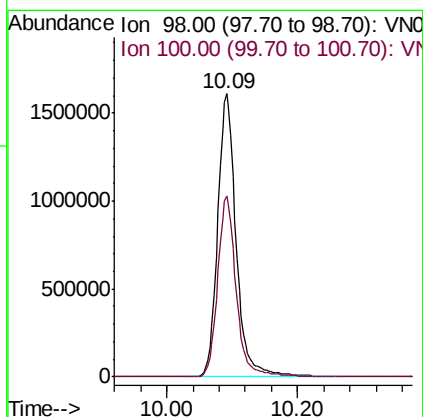
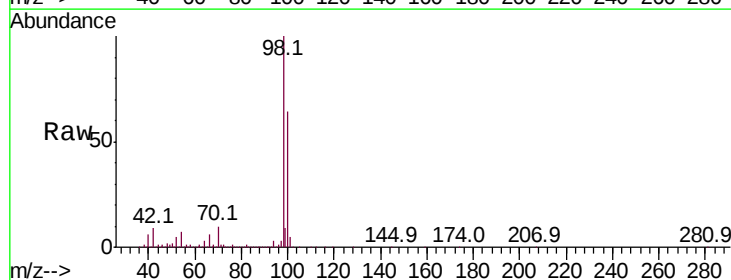
Instrument :
 MSVOA_N
 ClientSampleId :
 30240-41-42-43-44

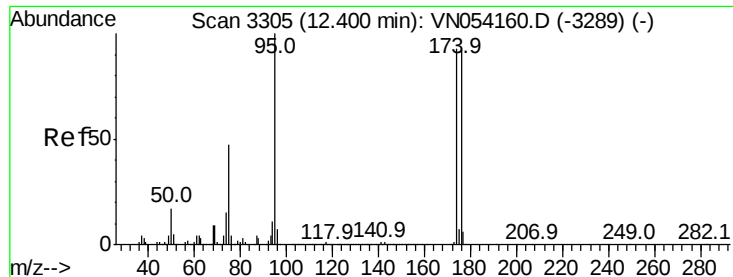
Tot Ion:113 Resp: 847532
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.4
 192 23.4 19.2 28.8



#50
 Toluene-d8
 Concen: 48.025 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN054413.D
 Acq: 19 Mar 2019 00:55

Tgt Ion: 98 Resp: 3179669
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 40.643 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054413.D

Acq: 19 Mar 2019 00:55

Instrument :

MSVOA_N

ClientSampleId :

30240-41-42-43-44

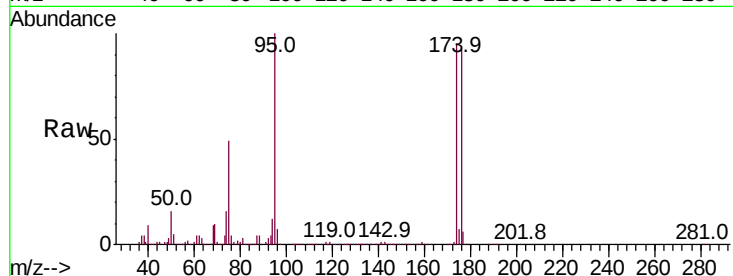
Tot Ion: 95 Resp: 941554

Ion Ratio Lower Upper

95 100

174 96.8 0.0 191.0

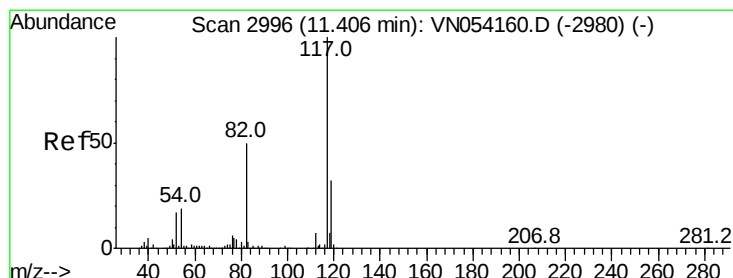
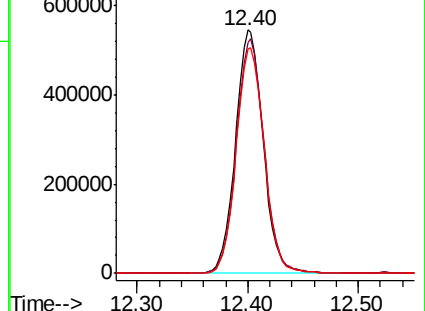
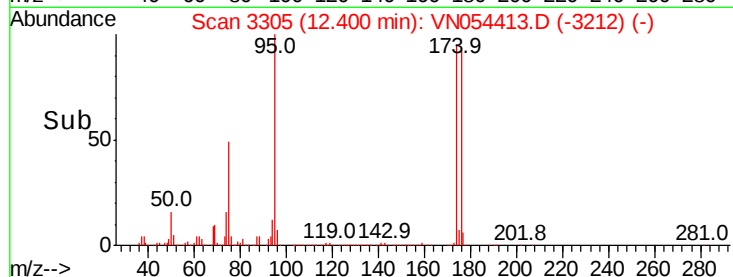
176 94.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054413.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054413.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054413.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054413.D

Acq: 19 Mar 2019 00:55

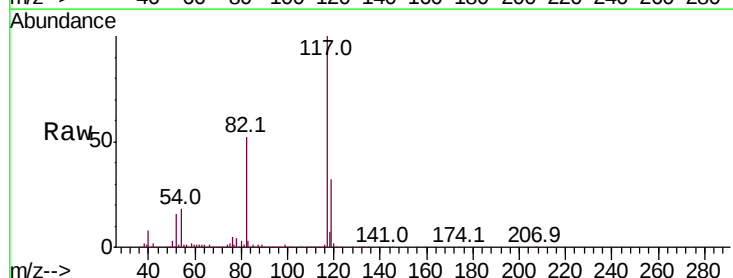
Tgt Ion: 117 Resp: 2304853

Ion Ratio Lower Upper

117 100

82 51.5 40.0 60.0

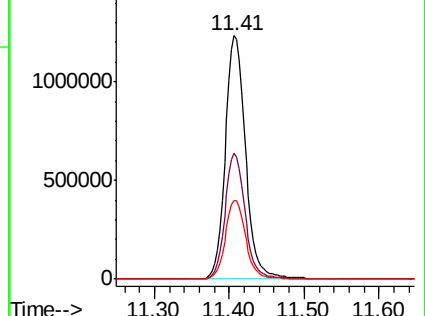
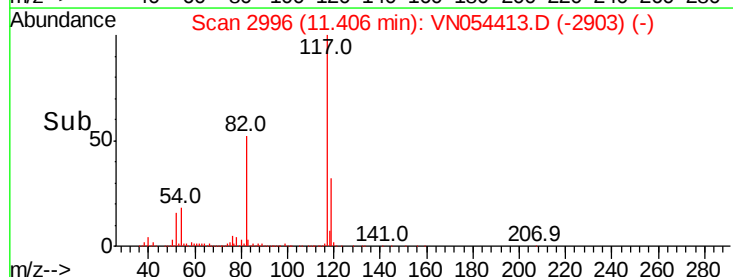
119 32.3 25.8 38.6

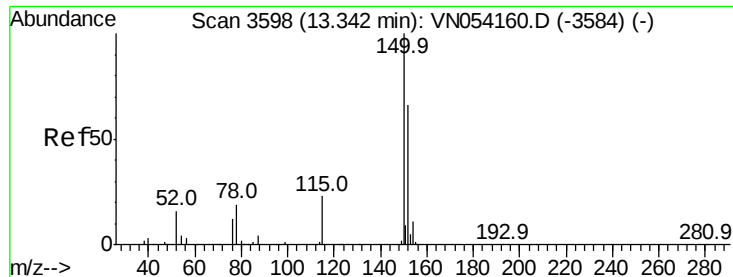


Abundance Ion 116.90 (116.60 to 117.60): VN054413.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054413.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054413.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054413.D

Acq: 19 Mar 2019 00:55

Instrument :

MSVOA_N

ClientSampleId :

30240-41-42-43-44

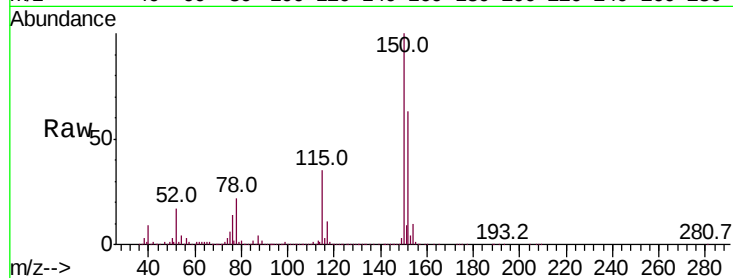
Tot Ion:152 Resp: 852252

Ion Ratio Lower Upper

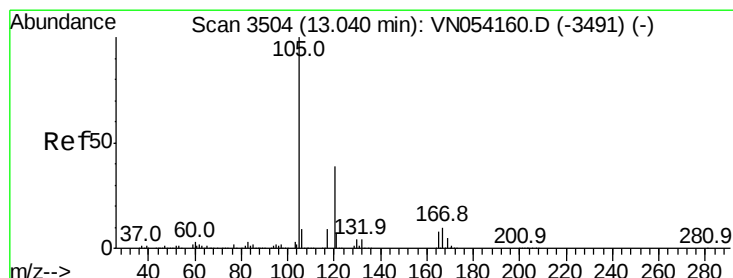
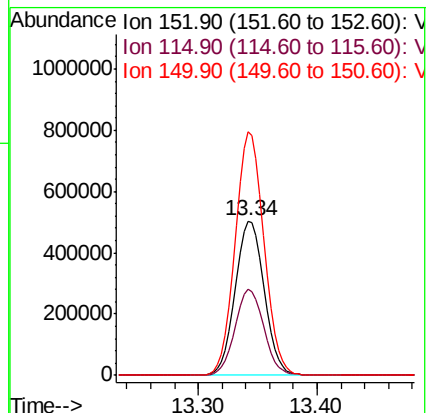
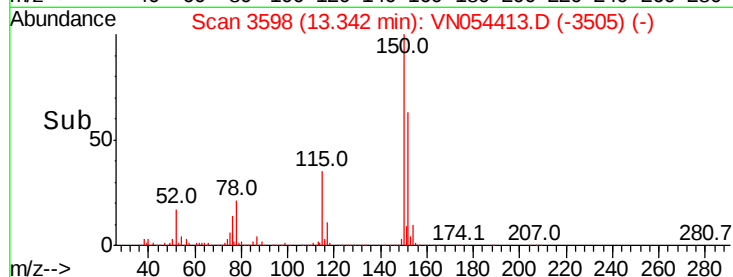
152 100

115 55.2 27.2 81.6

150 156.1 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: 1.283 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054413.D

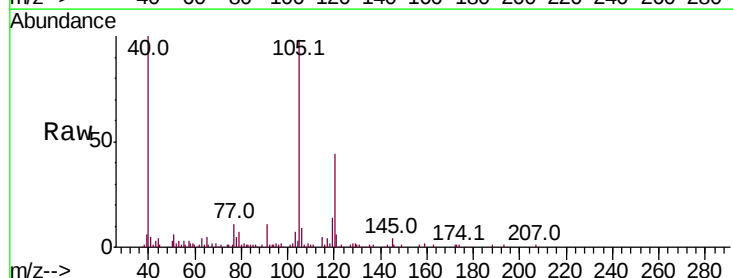
Acq: 19 Mar 2019 00:55

Tgt Ion:105 Resp: 71403

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.3



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

