

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054300.D
 Acq On : 15 Mar 2019 9:34
 Operator : JC/SP
 Sample : K1902-04 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30299

Quant Time: Mar 15 18:40:31 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	1408847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2378753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2480362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1059709	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	720627	48.16	ug/l	0.00
Spiked Amount						
			Recovery	=	96.32%	
35) Dibromofluoromethane	7.59	113	711410	46.37	ug/l	0.00
Spiked Amount						
			Recovery	=	92.74%	
50) Toluene-d8	10.09	98	2925671	51.64	ug/l	0.00
Spiked Amount						
			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.40	95	1131511	57.07	ug/l	0.00
Spiked Amount						
			Recovery	=	114.14%	

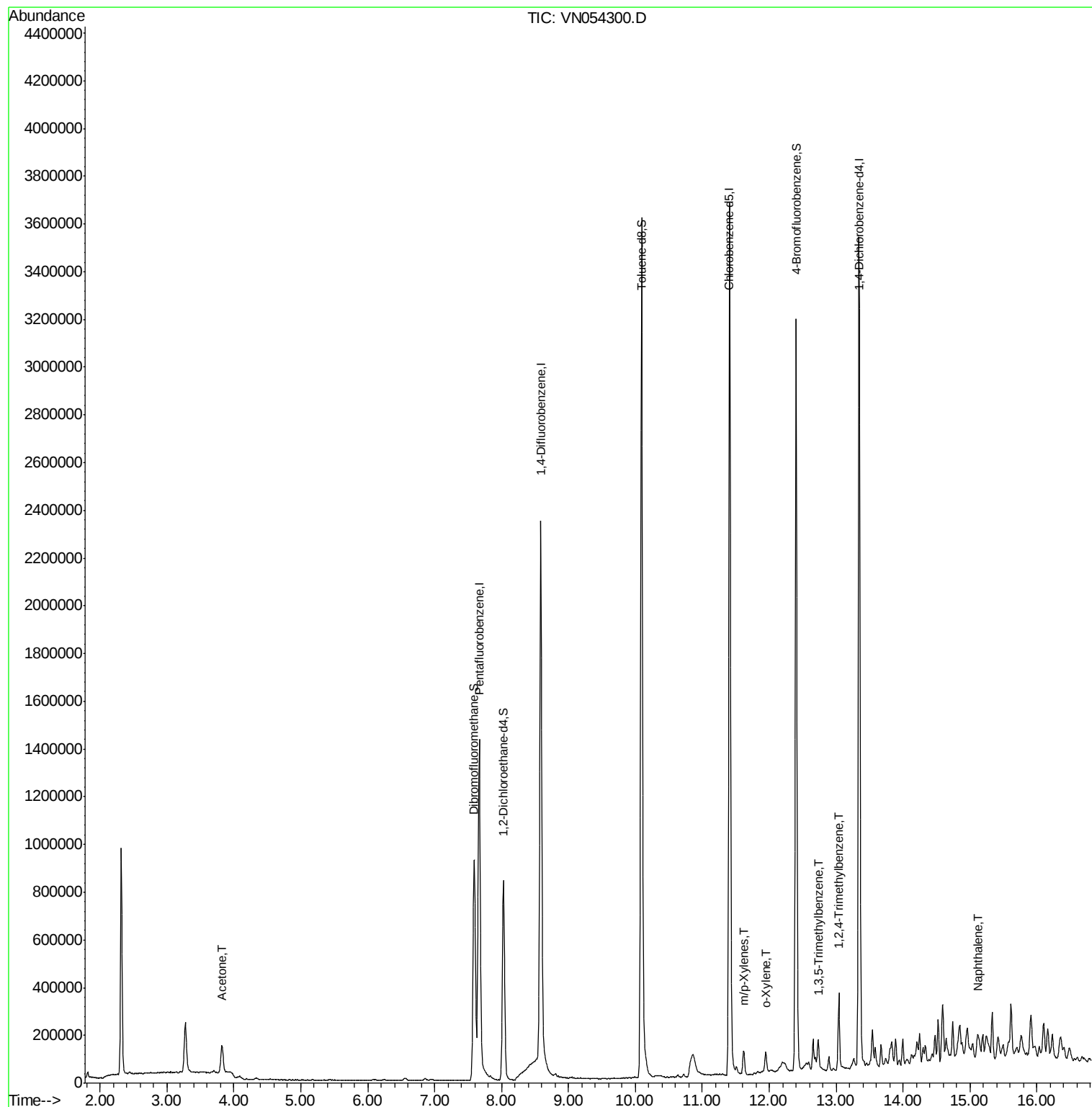
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	182625	42.630	ug/l	99
68) m/p-Xylenes	11.62	106	35170	0.997	ug/l	93
69) o-Xylene	11.95	106	23845	0.693	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	48862	0.693	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	196426	2.839	ug/l	99
95) Naphthalene	15.13	128	61197	4.695	ug/l	97

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

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ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
30299

Quant Time: Mar 15 18:40:31 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054300.D

Acq: 15 Mar 2019 9:34

Instrument :

MSVOA_N

ClientSampled :

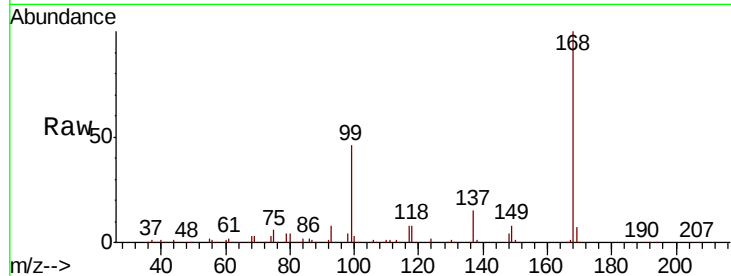
30299

Tgt Ion:168 Resp: 1408847

Ion Ratio Lower Upper

168 100

99 46.4 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

600000

500000

400000

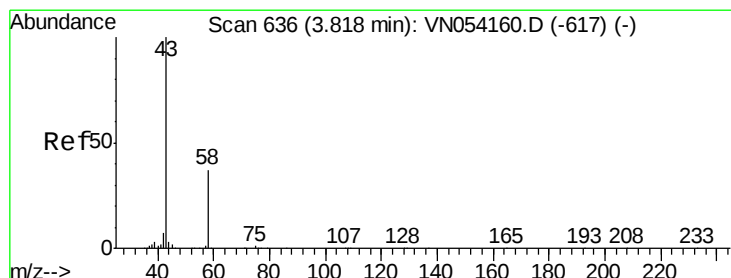
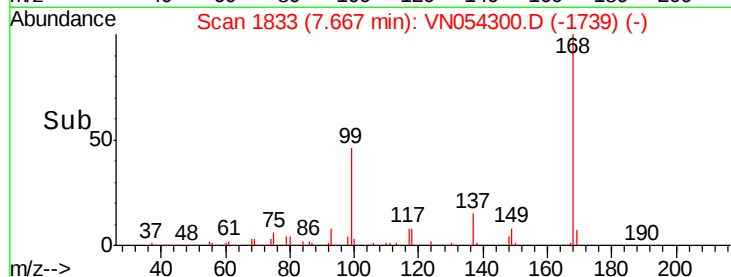
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 42.630 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054300.D

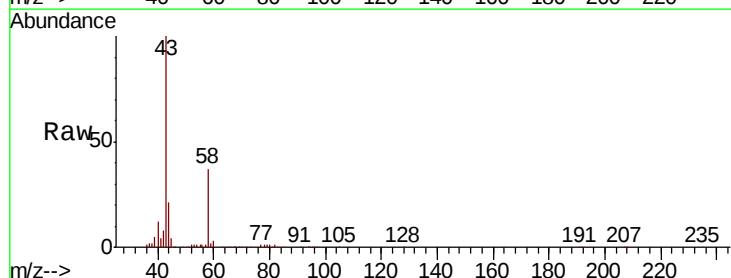
Acq: 15 Mar 2019 9:34

Tgt Ion: 43 Resp: 182625

Ion Ratio Lower Upper

43 100

58 38.2 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

80000

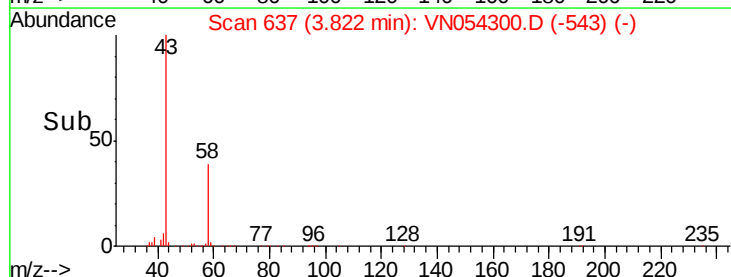
60000

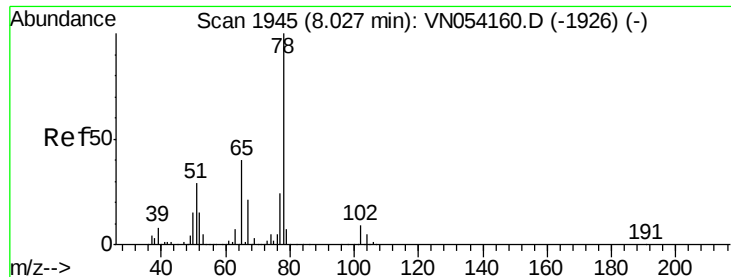
40000

20000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.164 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054300.D

Acq: 15 Mar 2019 9:34

Instrument :

MSVOA_N

ClientSampleId :

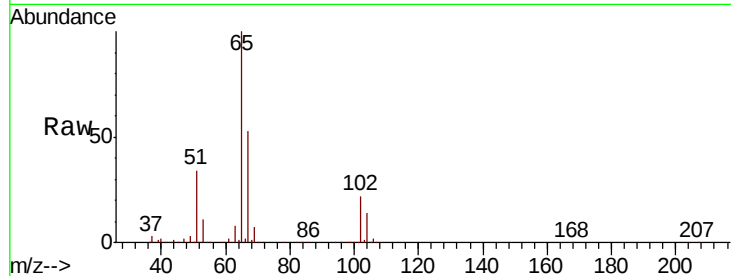
30299

Tgt Ion: 65 Resp: 720627

Ion Ratio Lower Upper

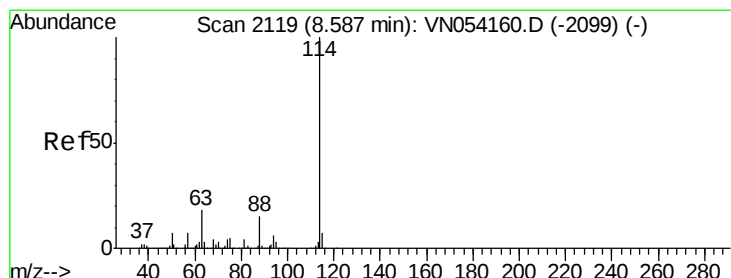
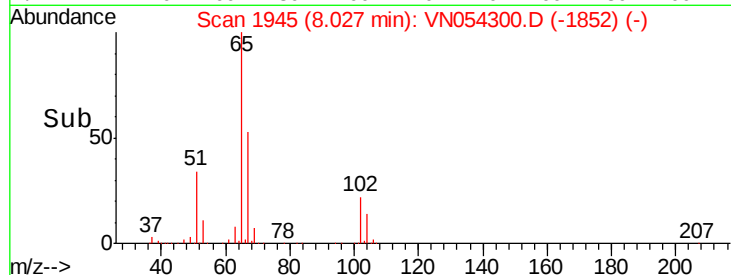
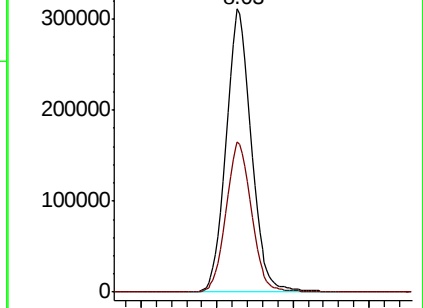
65 100

67 53.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054300.D

Acq: 15 Mar 2019 9:34

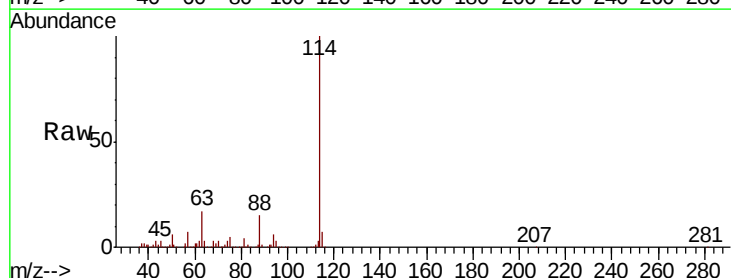
Tgt Ion: 114 Resp: 2378753

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.2

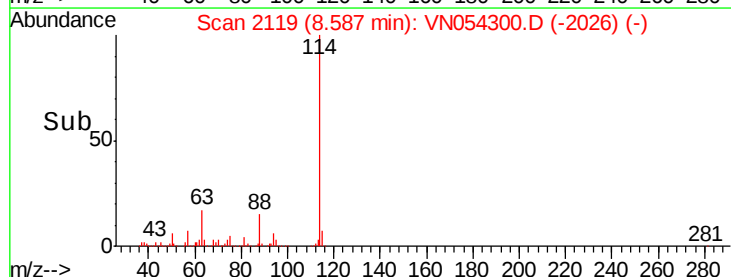
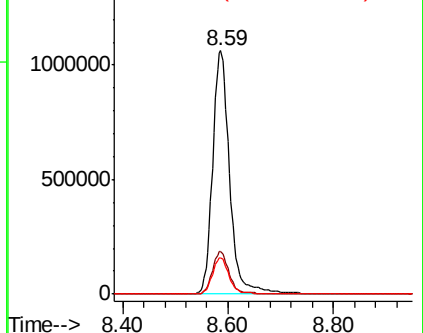
88 15.0 0.0 30.2

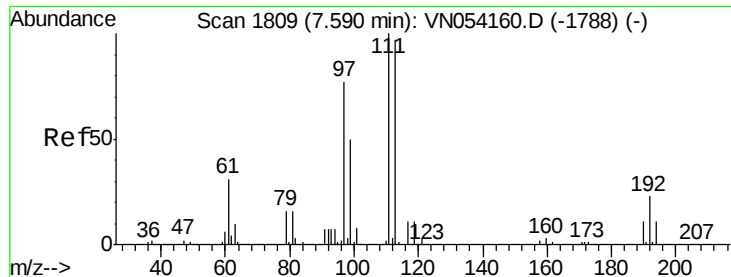


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

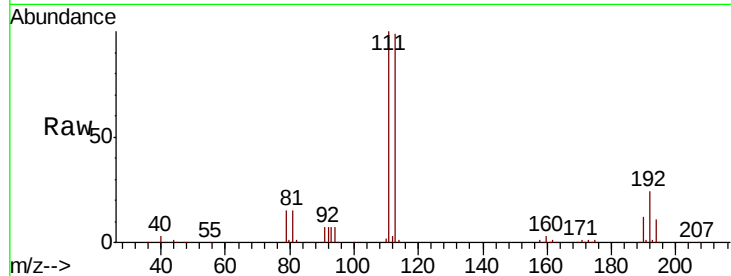




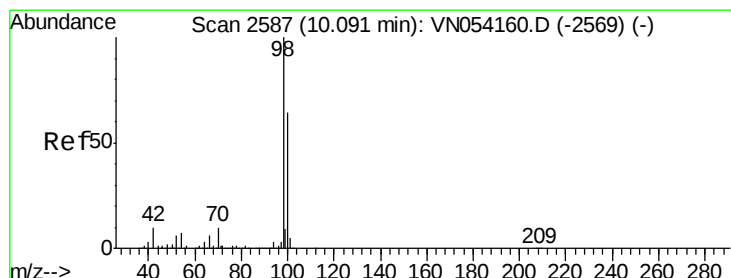
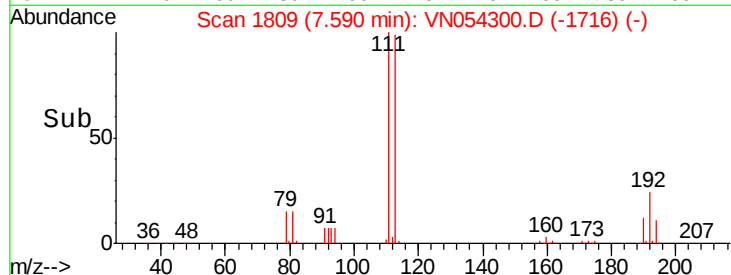
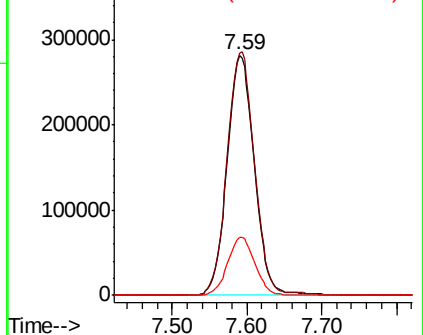
#35
Dibromofluoromethane
Concen: 46.370 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054300.D
Acq: 15 Mar 2019 9:34

Instrument :
MSVOA_N
ClientSampled :
30299

Tgt Ion:113 Resp: 711410
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 24.3 19.2 28.8

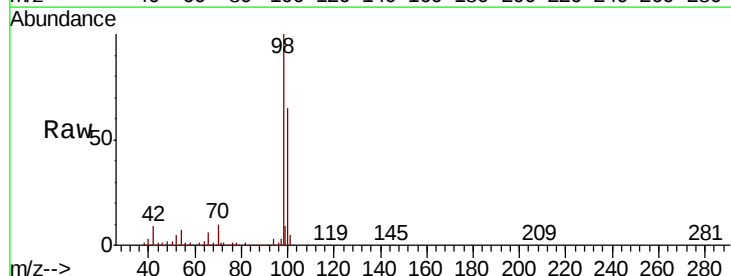


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

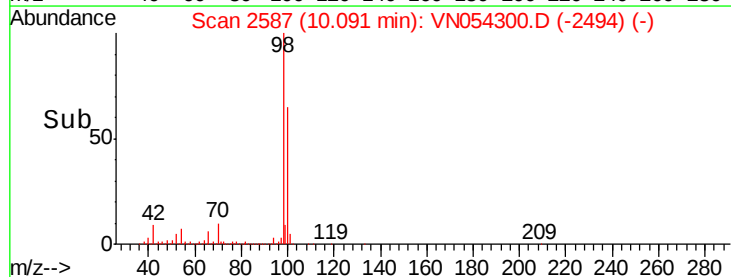
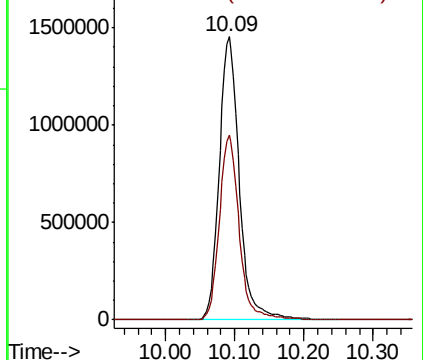


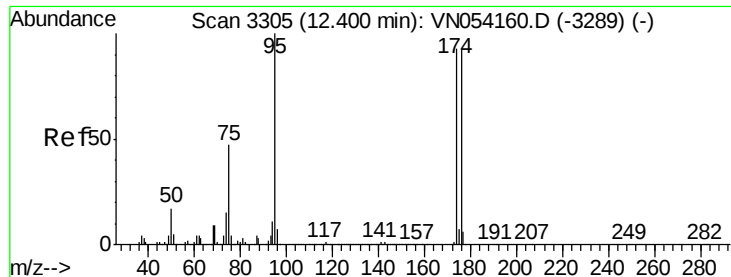
#50
Toluene-d8
Concen: 51.635 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054300.D
Acq: 15 Mar 2019 9:34

Tgt Ion: 98 Resp: 2925671
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 57.074 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054300.D

Acq: 15 Mar 2019 9:34

Instrument :

MSVOA_N

ClientSampleId :

30299

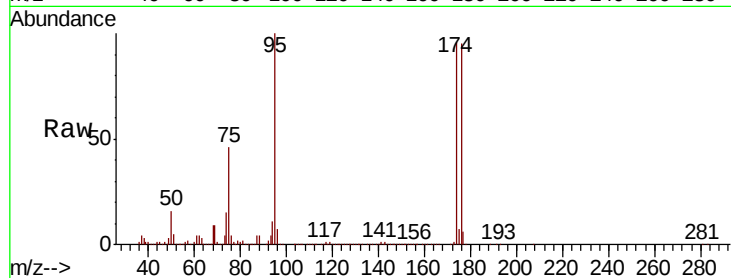
Tgt Ion: 95 Resp: 1131511

Ion Ratio Lower Upper

95 100

174 96.9 0.0 191.0

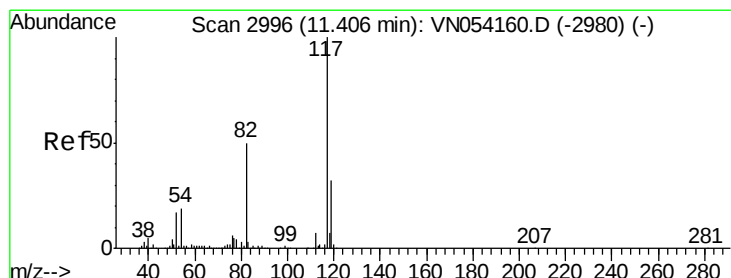
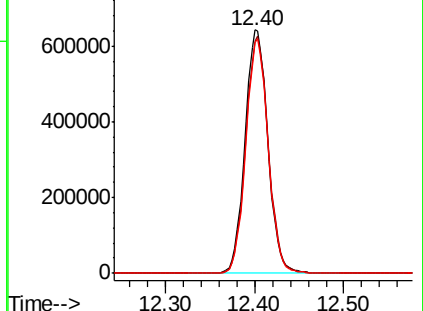
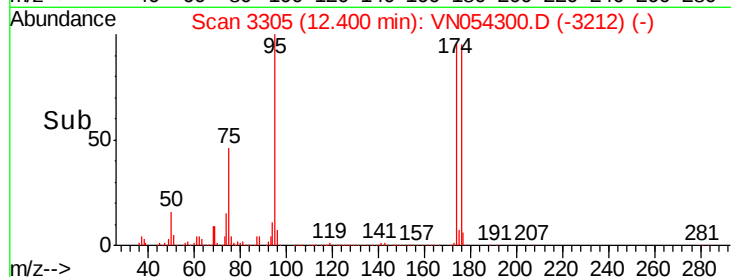
176 94.5 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054300.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054300.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054300.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054300.D

Acq: 15 Mar 2019 9:34

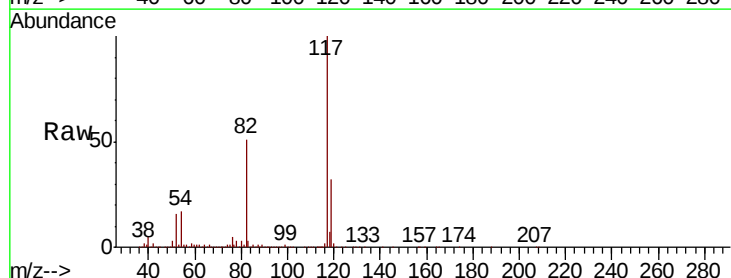
Tgt Ion: 117 Resp: 2480362

Ion Ratio Lower Upper

117 100

82 51.1 40.0 60.0

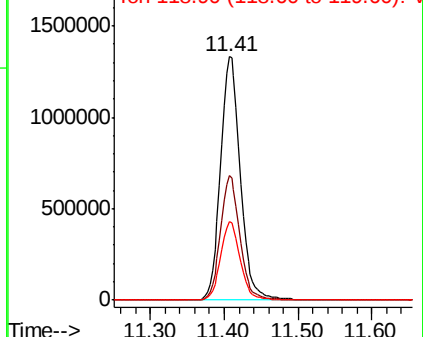
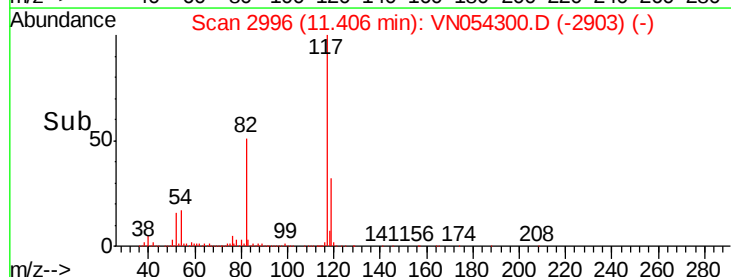
119 32.0 25.8 38.6

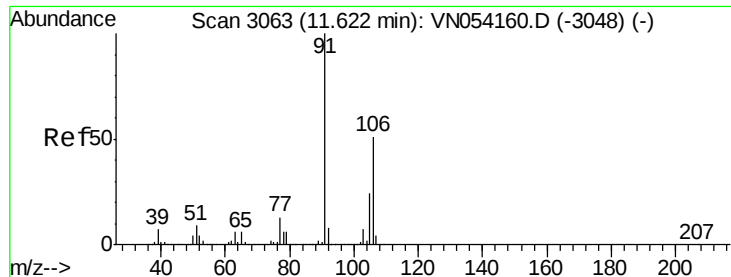


Abundance Ion 116.90 (116.60 to 117.60): VN054300.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054300.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054300.D (-2903) (-)





#68

m/p-Xylenes

Concen: 0.997 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN054300.D

Acq: 15 Mar 2019 9:34

Instrument :

MSVOA_N

ClientSampled :

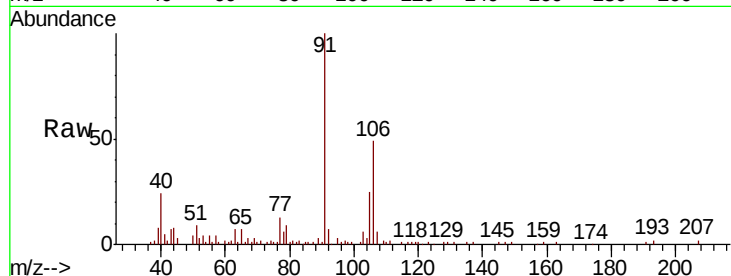
30299

Tgt Ion:106 Resp: 35170

Ion Ratio Lower Upper

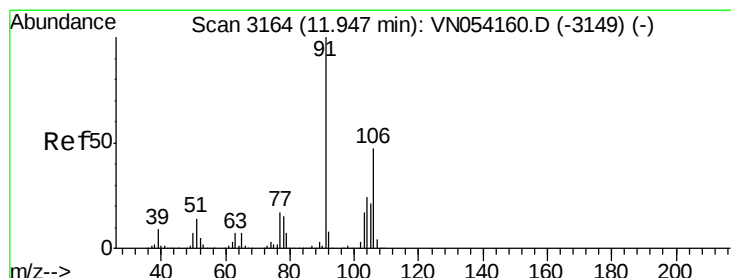
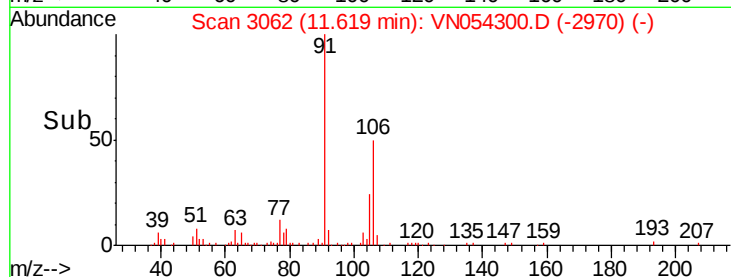
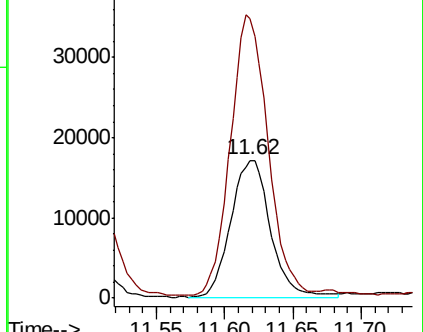
106 100

91 189.2 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 0.693 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN054300.D

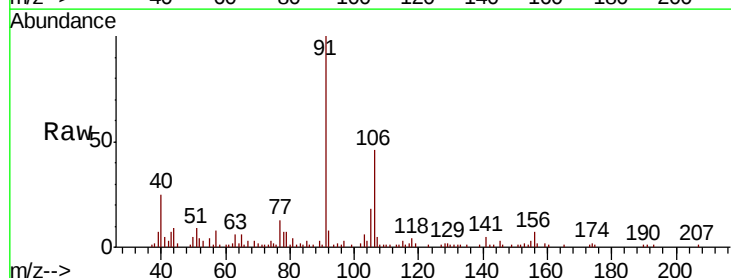
Acq: 15 Mar 2019 9:34

Tgt Ion:106 Resp: 23845

Ion Ratio Lower Upper

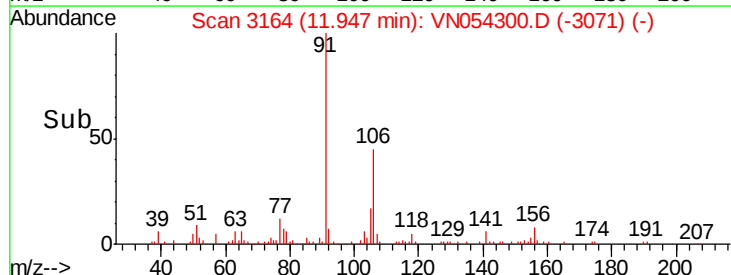
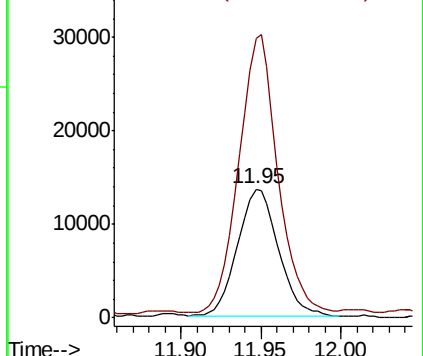
106 100

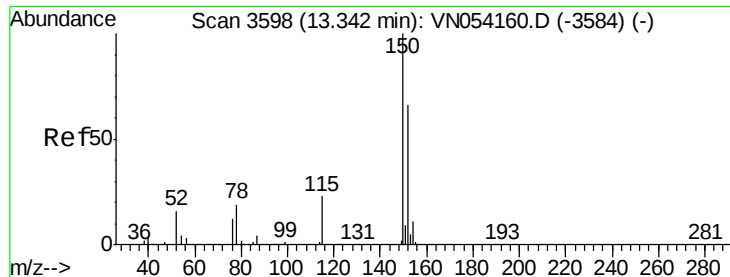
91 204.9 105.7 317.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054300.D

Acq: 15 Mar 2019 9:34

Instrument :

MSVOA_N

ClientSampled :

30299

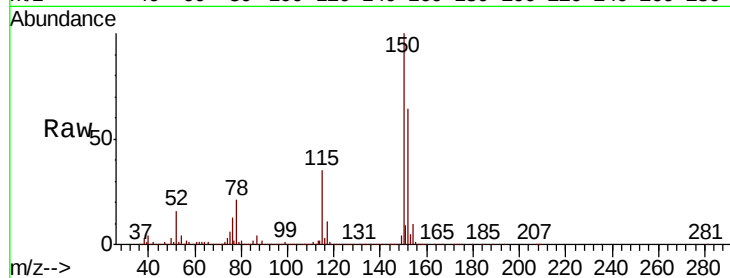
Tgt Ion:152 Resp: 1059709

Ion Ratio Lower Upper

152 100

115 55.1 27.2 81.6

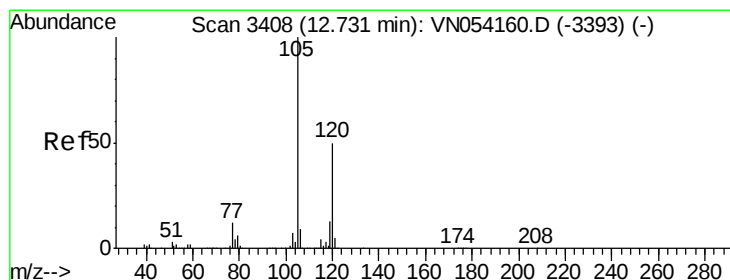
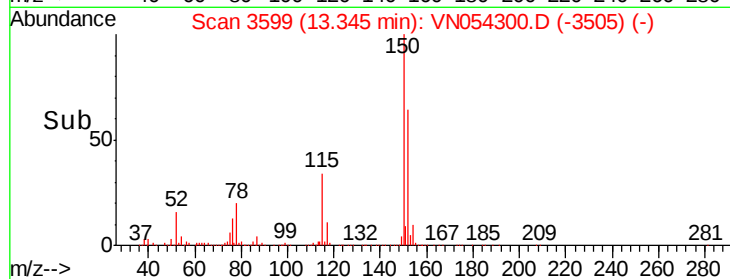
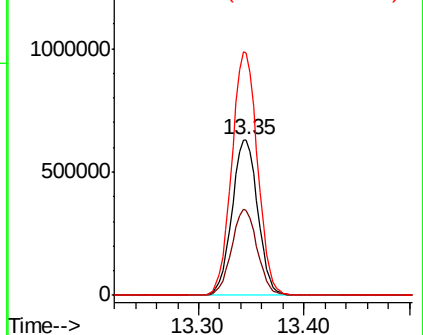
150 156.6 0.0 349.2



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



#80

1,3,5-Trimethylbenzene

Concen: 0.693 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054300.D

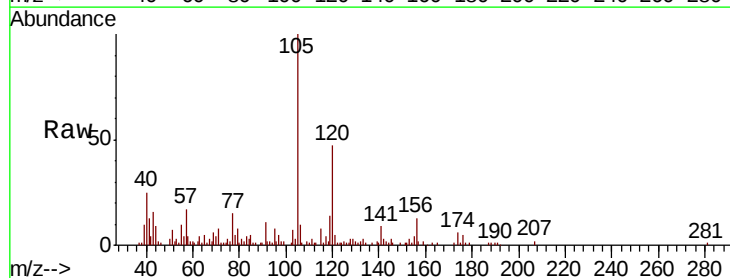
Acq: 15 Mar 2019 9:34

Tgt Ion:105 Resp: 48862

Ion Ratio Lower Upper

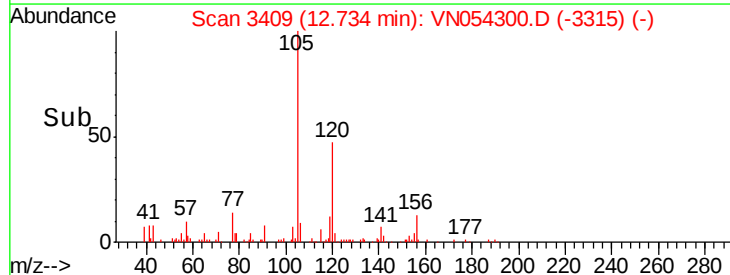
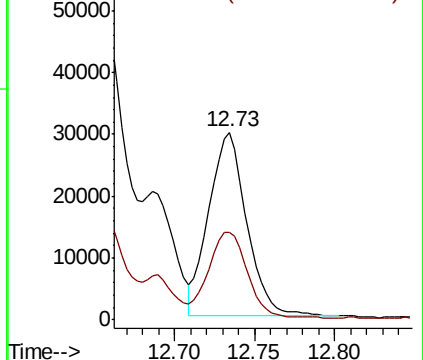
105 100

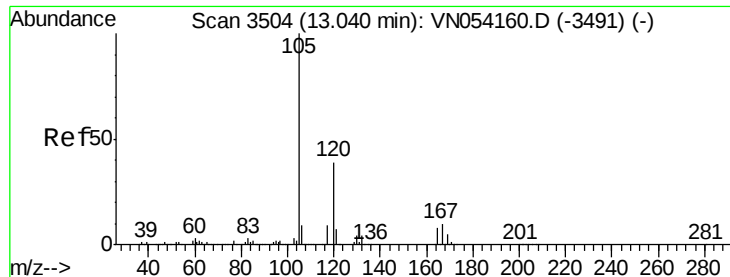
120 46.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

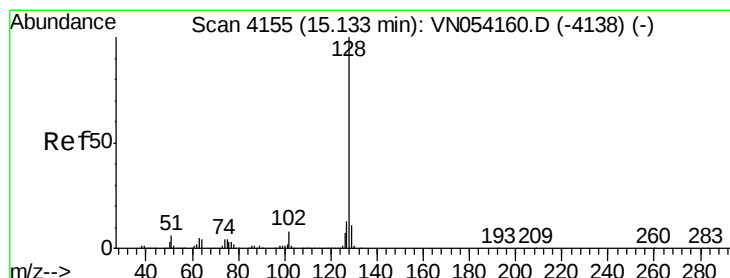
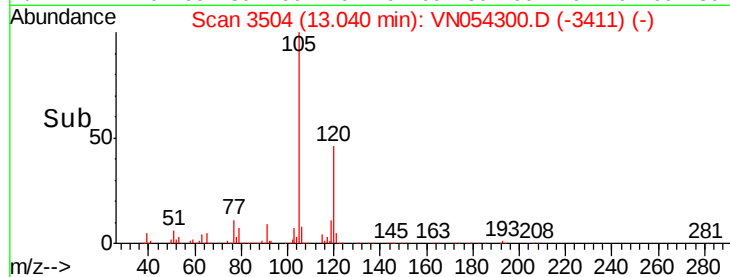
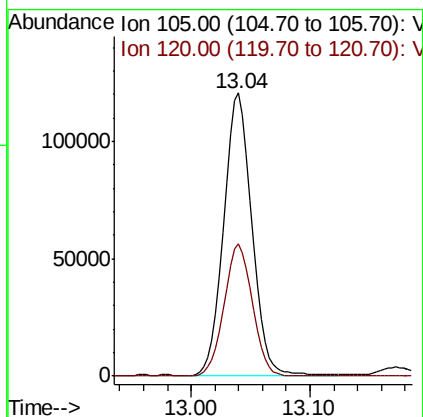
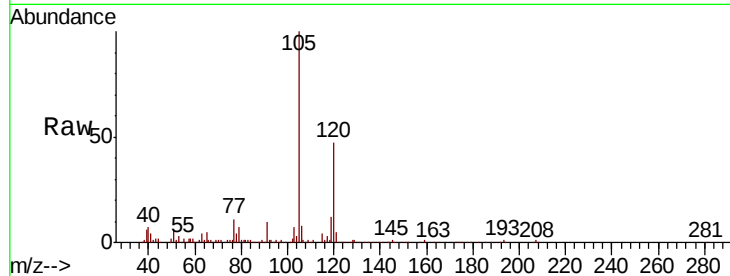




#84
 1,2,4-Trimethylbenzene
 Concen: 2.839 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054300.D
 Acq: 15 Mar 2019 9:34

Instrument :
 MSVOA_N
 ClientSampled :
 30299

Tgt Ion:105 Resp: 196426
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.3



#95
 Naphthalene
 Concen: 4.695 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN054300.D
 Acq: 15 Mar 2019 9:34

Tgt Ion:128 Resp: 61197
 Ion Ratio Lower Upper
 128 100
 127 11.9 10.1 15.1
 129 12.4 8.7 13.1

