

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
 Data File : VN054198.D
 Acq On : 13 Mar 2019 7:26
 Operator : JC/SP
 Sample : K1849-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C1355-PC

Quant Time: Mar 13 09:09:48 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

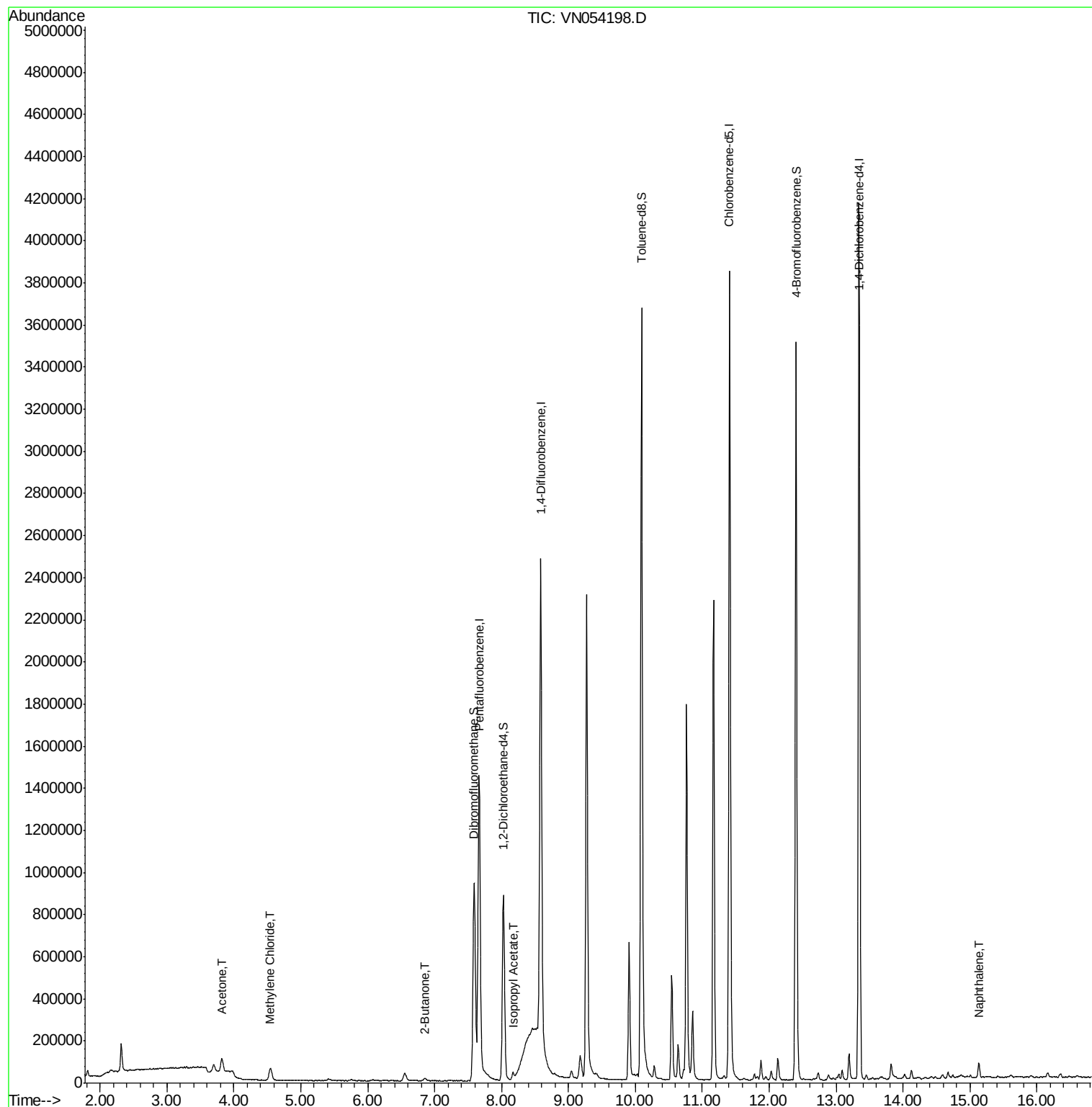
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1426061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2346887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2511592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1203917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	776514	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
35) Dibromofluoromethane	7.59	113	723150	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
50) Toluene-d8	10.09	98	2915755	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.40	95	1187143	60.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.38%	
Target Compounds						
16) Acetone	3.82	43	102162	23.560	ug/l	97
20) Methylene Chloride	4.55	84	47350	3.326	ug/l	96
25) 2-Butanone	6.86	43	14745	2.897	ug/l	94
43) Isopropyl Acetate	8.17	43	46955	2.154	ug/l	98
95) Naphthalene	15.13	128	64264	4.602	ug/l	100

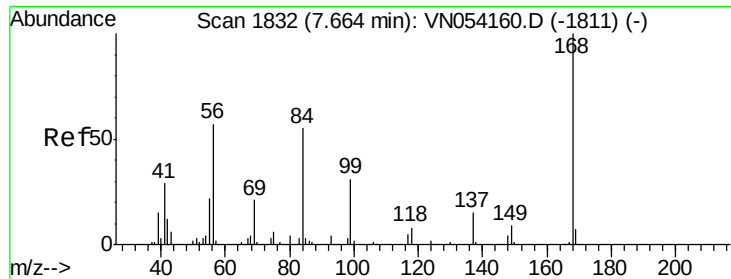
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
Data File : VN054198.D
Acq On : 13 Mar 2019 7:26
Operator : JC/SP
Sample : K1849-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
C1355-PC

Quant Time: Mar 13 09:09:48 2019
Quant Method : Z:\V0ASRV\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: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054198.D

Acq: 13 Mar 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

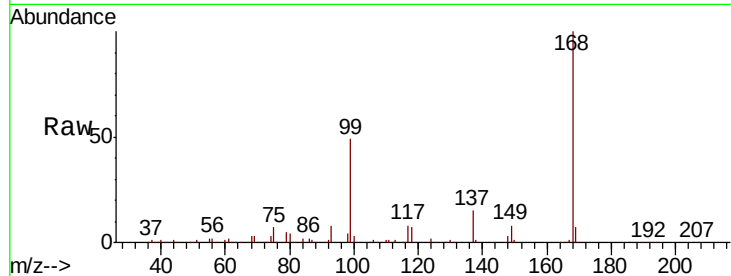
C1355-PC

Tgt Ion:168 Resp: 1426061

Ion Ratio Lower Upper

168 100

99 49.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054198.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054198.D (-1739) (-)

7.66

600000

500000

400000

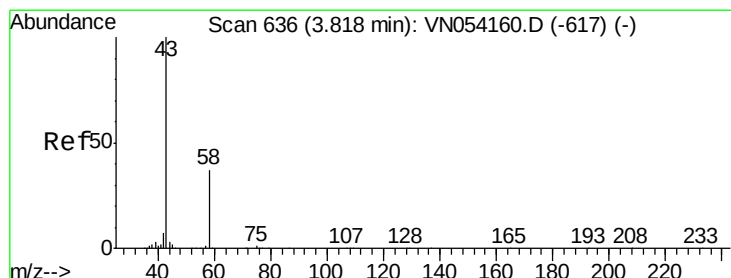
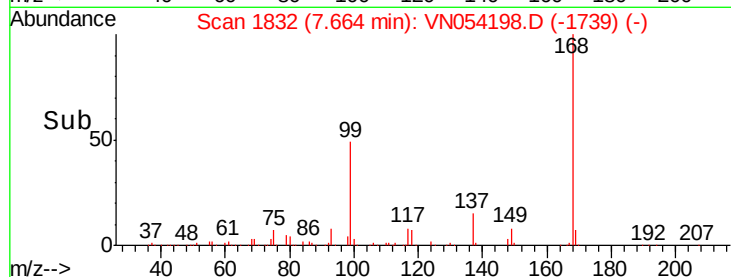
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 23.560 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054198.D

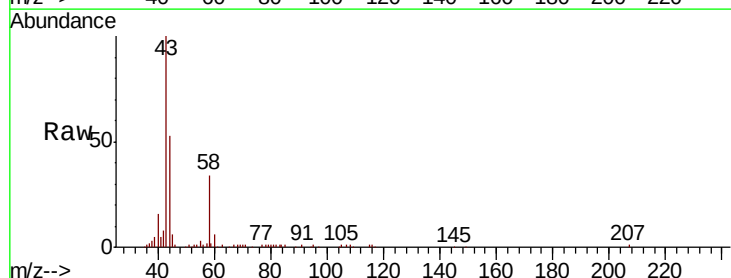
Acq: 13 Mar 2019 7:26

Tgt Ion: 43 Resp: 102162

Ion Ratio Lower Upper

43 100

58 35.5 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054198.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN054198.D (-543) (-)

3.82

50000

40000

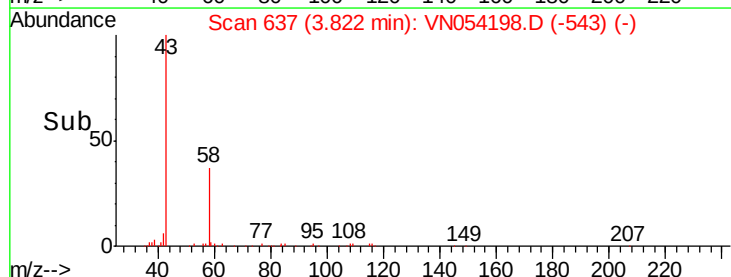
30000

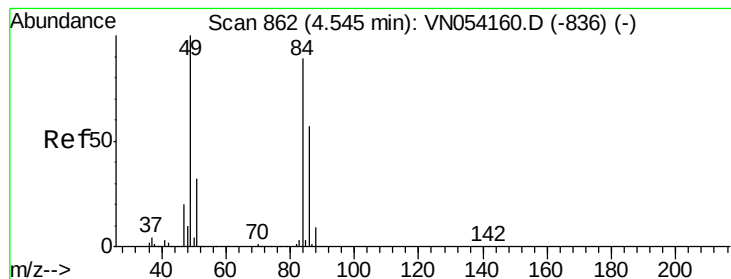
20000

10000

0

Time-->





#20

Methylene Chloride

Concen: 3.326 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054198.D

Acq: 13 Mar 2019 7:26

Instrument :

MSVOA_N

ClientSampled :

C1355-PC

Tgt Ion: 84 Resp: 47350

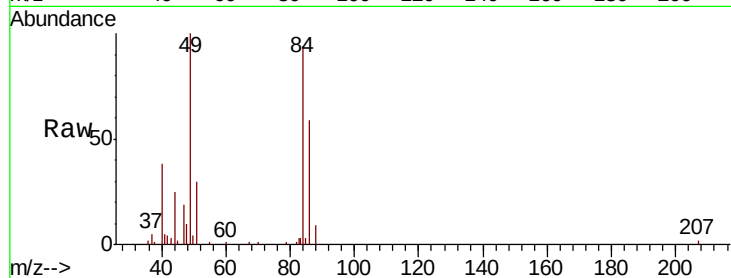
Ion Ratio Lower Upper

84 100

49 106.6 89.7 134.5

51 32.4 28.2 42.4

86 62.9 50.8 76.2

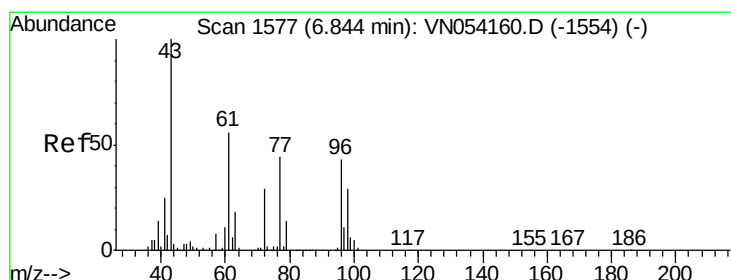
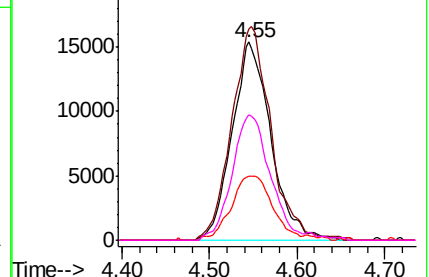
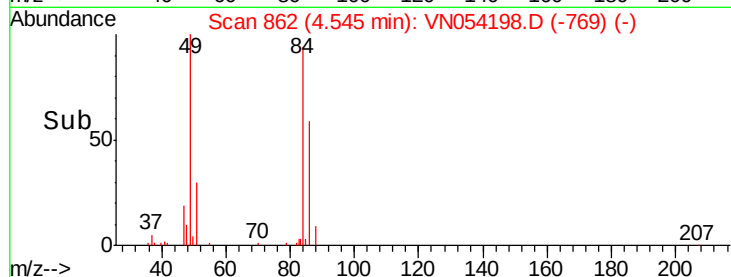


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 2.897 ug/l

RT: 6.86 min Scan# 1582

Delta R.T. 0.02 min

Lab File: VN054198.D

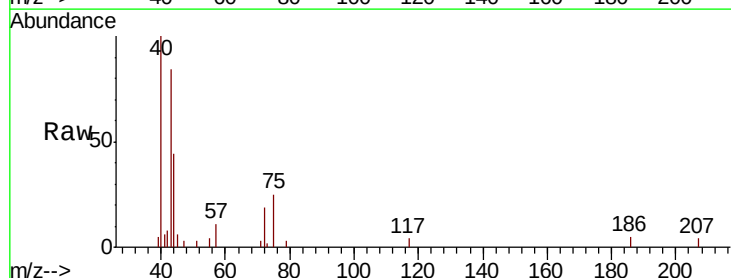
Acq: 13 Mar 2019 7:26

Tgt Ion: 43 Resp: 14745

Ion Ratio Lower Upper

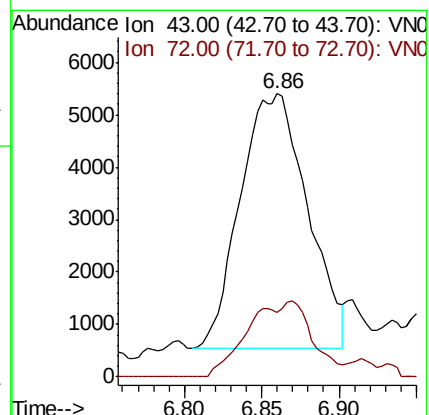
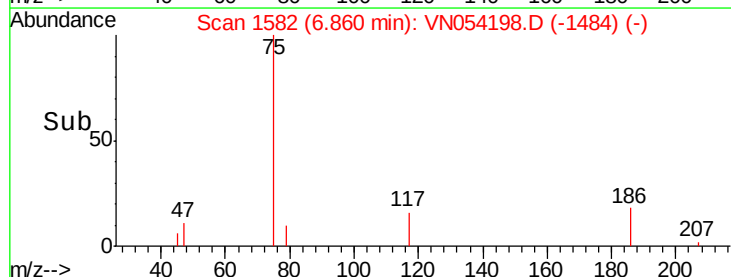
43 100

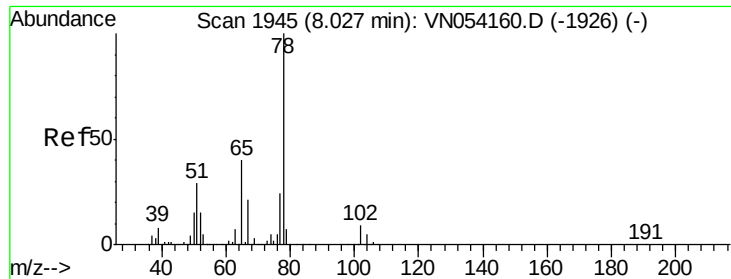
72 25.5 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

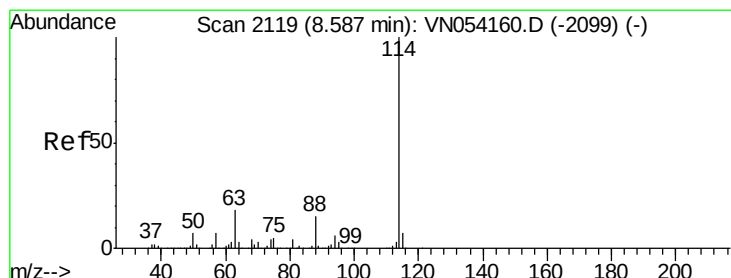
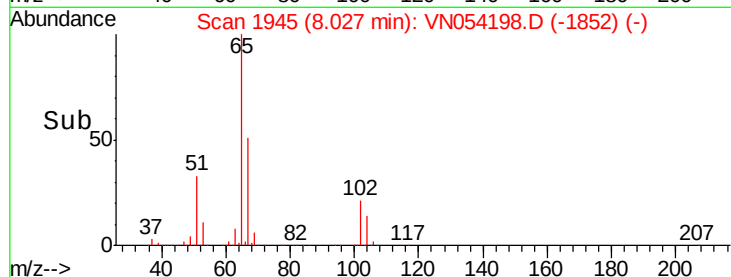
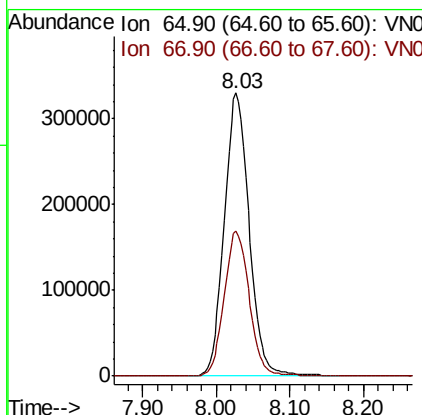
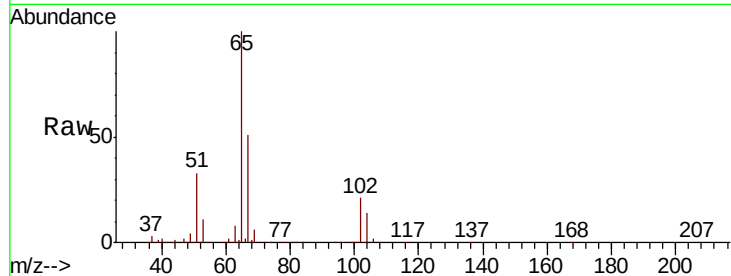




#33
 1,2-Dichloroethane-d4
 Concen: 51.273 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054198.D
 Acq: 13 Mar 2019 7:26

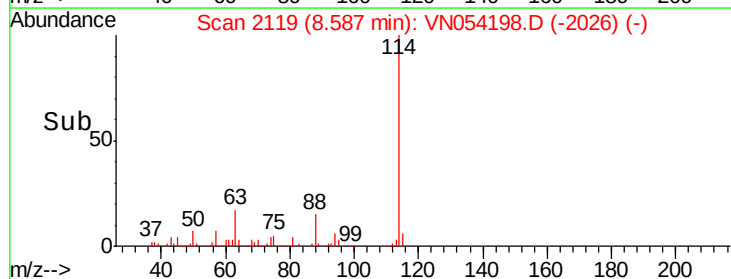
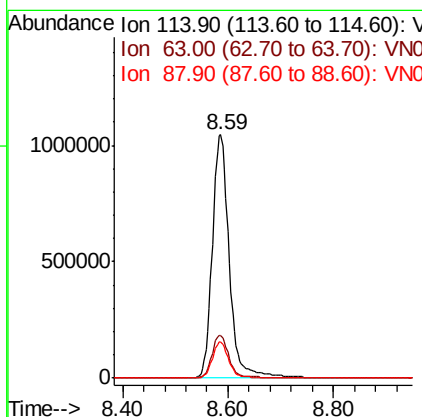
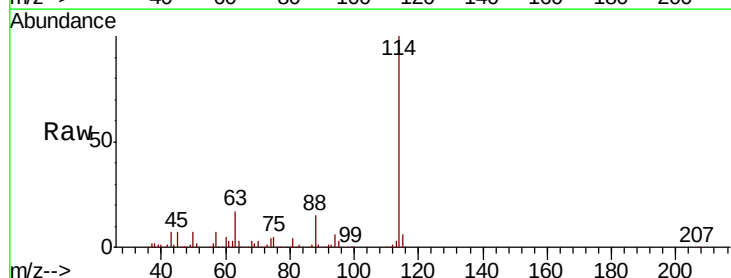
Instrument :
 MSVOA_N
 ClientSampleId :
 C1355-PC

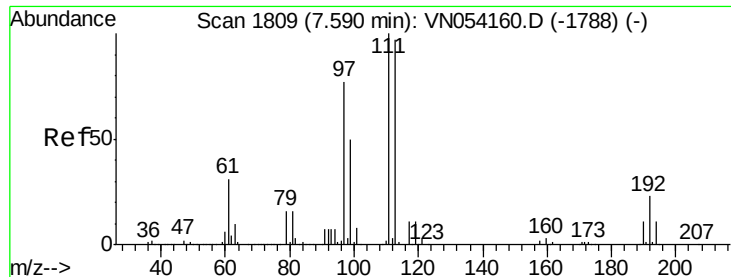
Tgt Ion: 65 Resp: 776514
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054198.D
 Acq: 13 Mar 2019 7:26

Tgt Ion: 114 Resp: 2346887
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.2
 88 14.9 0.0 30.2

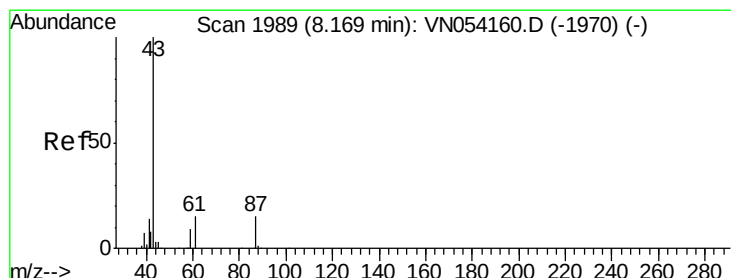
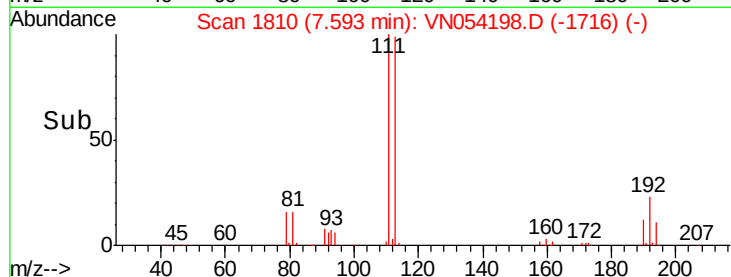
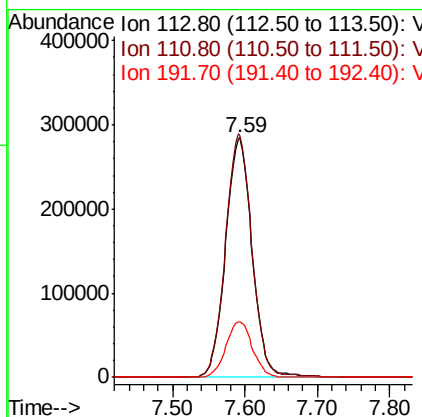
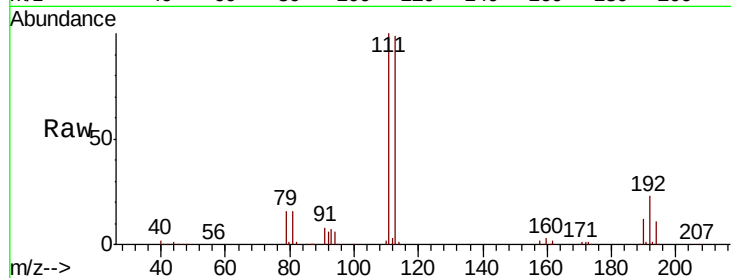




#35
 Dibromofluoromethane
 Concen: 47.775 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054198.D
 Acq: 13 Mar 2019 7:26

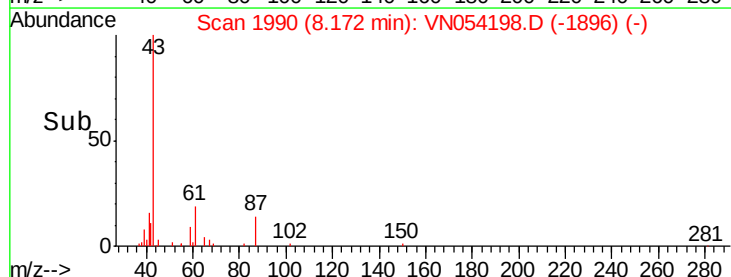
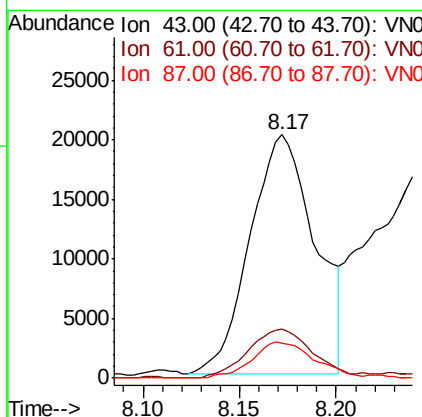
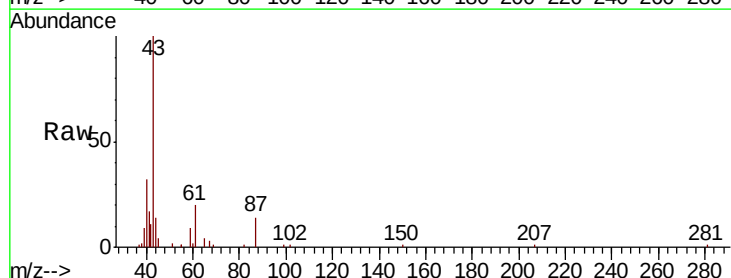
Instrument :
 MSVOA_N
 ClientSampleId :
 C1355-PC

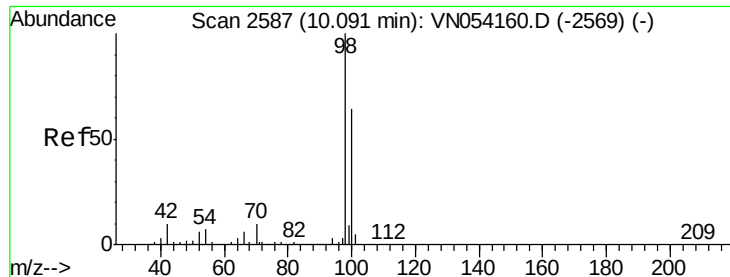
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.2	123.4
192	23.5	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 2.154 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054198.D
 Acq: 13 Mar 2019 7:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.7	15.8	23.8
87	14.3	12.0	18.0





#50

Toluene-d8

Concen: 52.159 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054198.D

Acq: 13 Mar 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

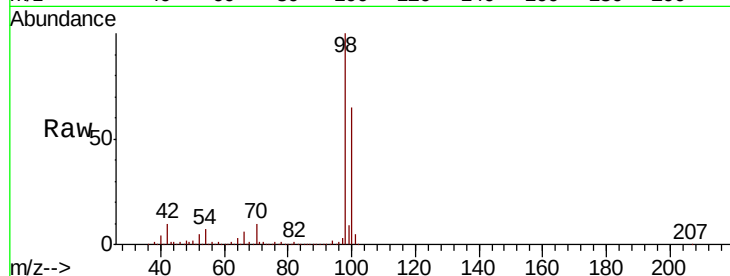
C1355-PC

Tgt Ion: 98 Resp: 2915755

Ion Ratio Lower Upper

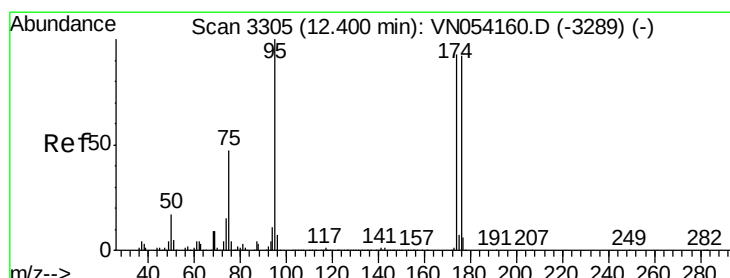
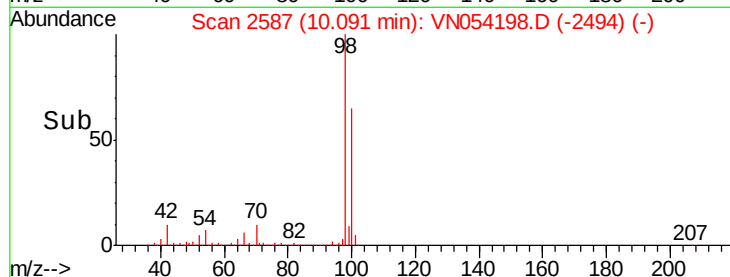
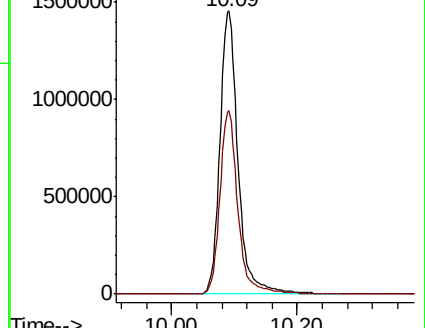
98 100

100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054198.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054198.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: 60.693 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054198.D

Acq: 13 Mar 2019 7:26

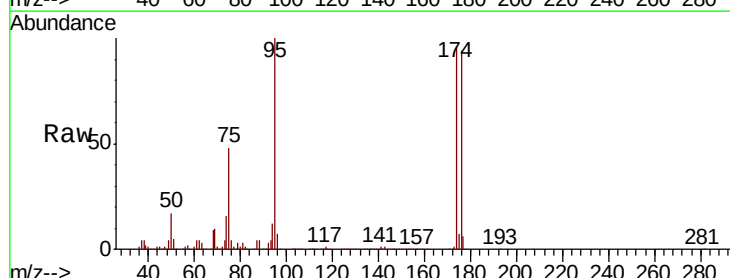
Tgt Ion: 95 Resp: 1187143

Ion Ratio Lower Upper

95 100

174 96.8 0.0 191.0

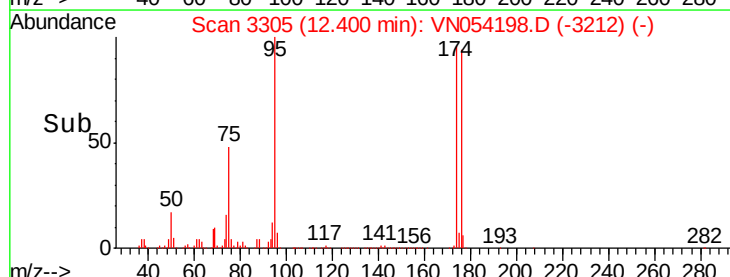
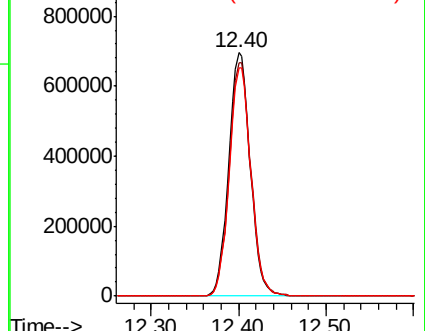
176 94.4 0.0 187.4

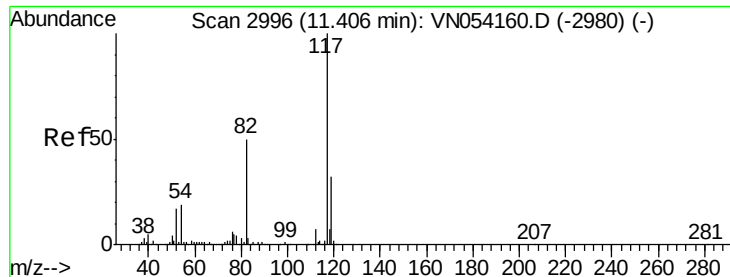


Abundance Ion 94.90 (94.60 to 95.60): VN054198.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054198.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054198.D (-3212) (-)

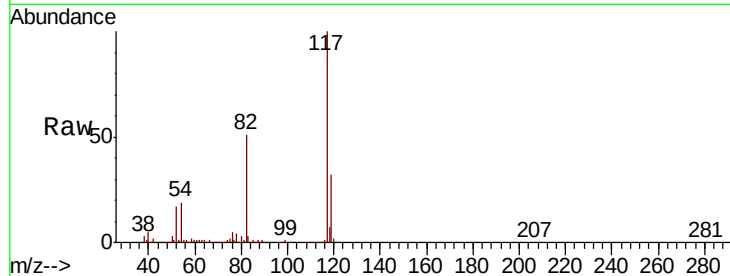




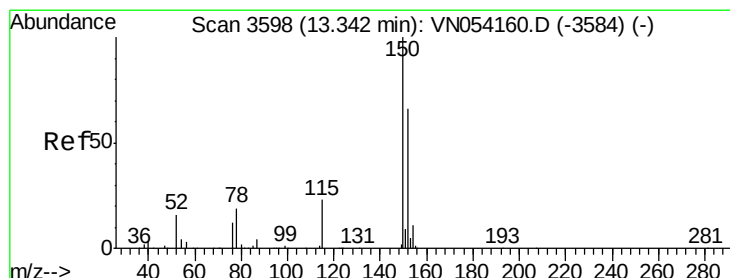
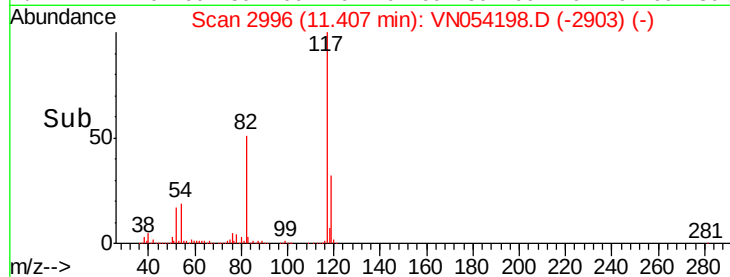
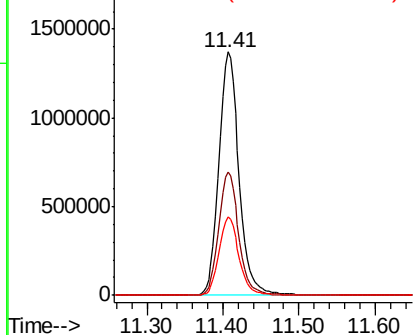
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054198.D
Acq: 13 Mar 2019 7:26

Instrument :
MSVOA_N
ClientSampleId :
C1355-PC

Tgt Ion:117 Resp: 2511592
Ion Ratio Lower Upper
117 100
82 50.8 40.0 60.0
119 32.1 25.8 38.6

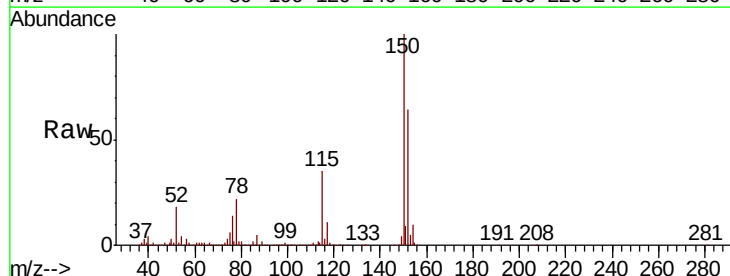


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

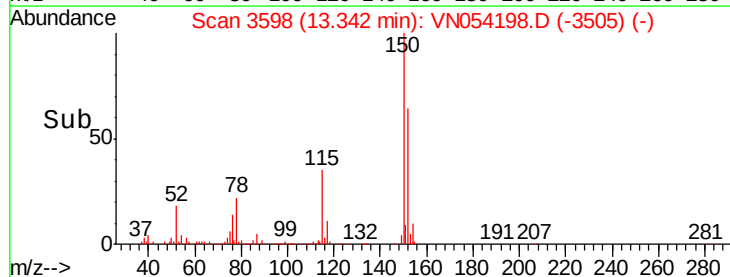
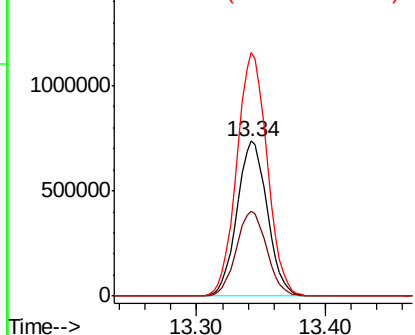


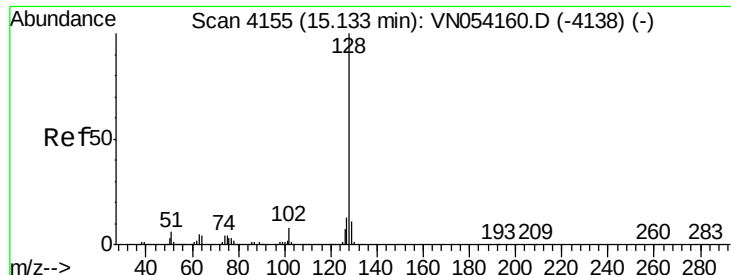
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054198.D
Acq: 13 Mar 2019 7:26

Tgt Ion:152 Resp: 1203917
Ion Ratio Lower Upper
152 100
115 55.1 27.2 81.6
150 157.5 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: 4.602 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054198.D

Acq: 13 Mar 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

C1355-PC

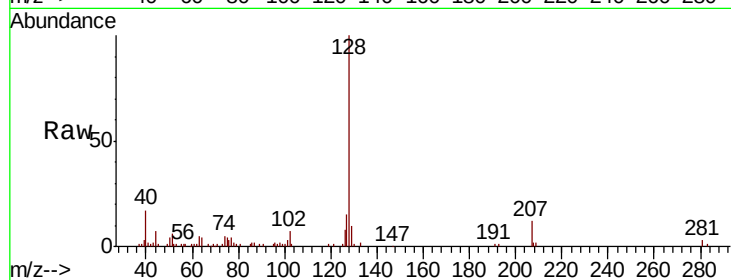
Tgt Ion:128 Resp: 64264

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.0 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

