

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
 Data File : VN054190.D
 Acq On : 13 Mar 2019 3:55
 Operator : JC/SP
 Sample : K1846-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-D

Quant Time: Mar 13 08:46:09 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

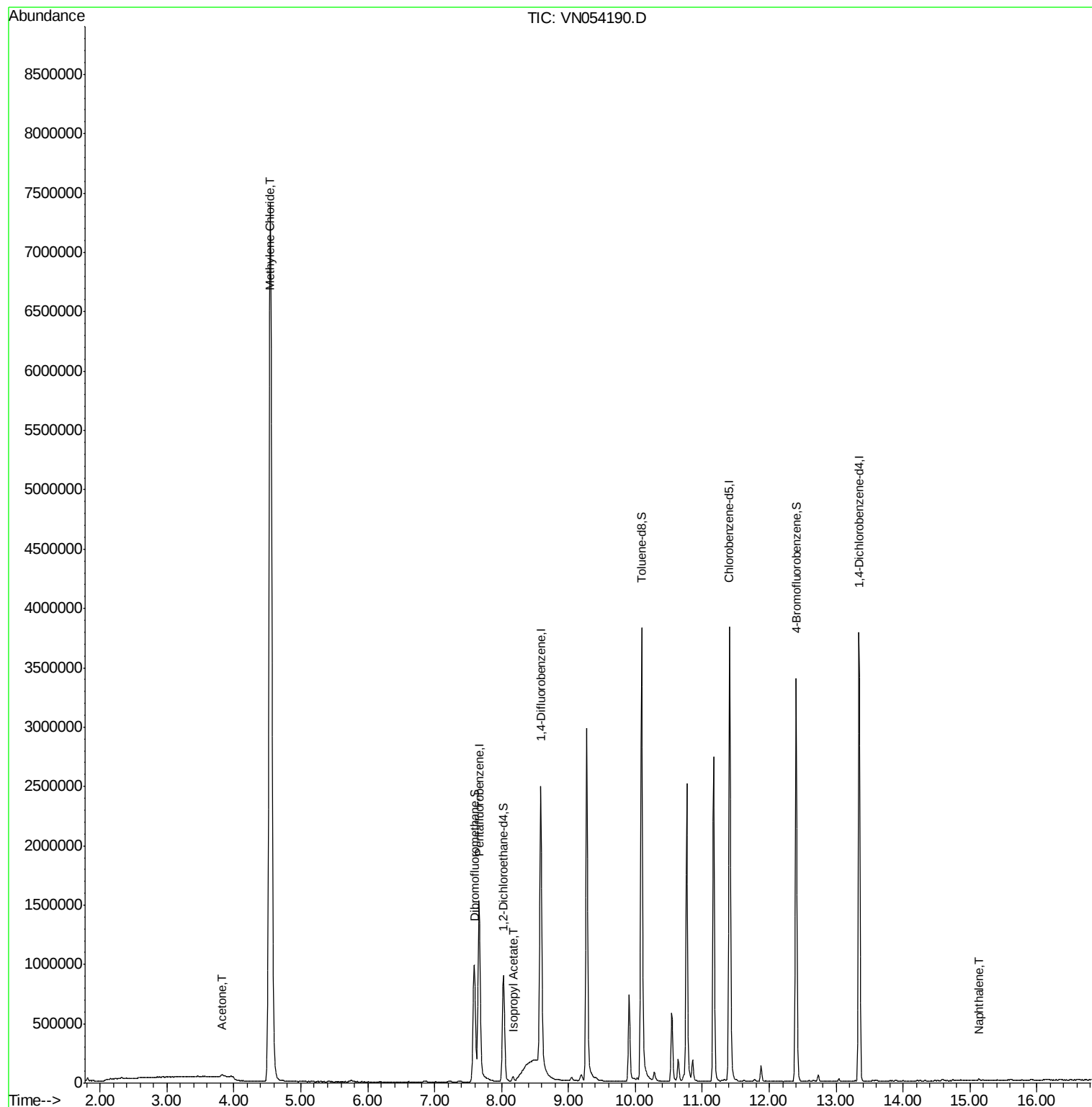
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1477601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2452425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2531314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1110497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	800655	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
35) Dibromofluoromethane	7.59	113	760951	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	10.09	98	3040818	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.40	95	1160290	56.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.54%	
Target Compounds						
16) Acetone	3.82	43	26204	5.832	ug/l	99
20) Methylene Chloride	4.55	84	5928815	401.871	ug/l	99
43) Isopropyl Acetate	8.17	43	46176	2.027	ug/l	99
95) Naphthalene	15.13	128	13086	3.720	ug/l	98

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054190.D

Acq: 13 Mar 2019 3:55

Instrument :

MSVOA_N

ClientSampleId :

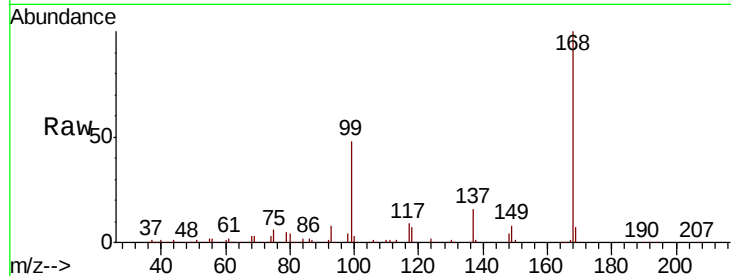
TP-1-D

Tgt Ion:168 Resp: 1477601

Ion Ratio Lower Upper

168 100

99 48.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054190.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054190.D (-1739) (-)

7.67

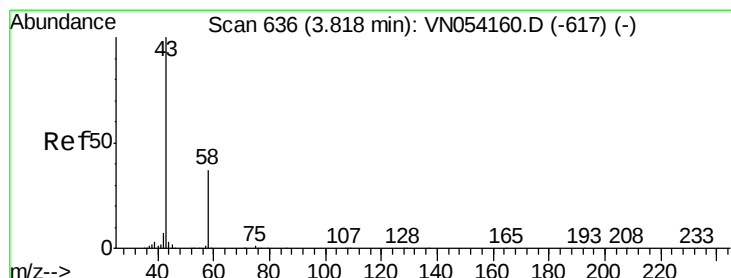
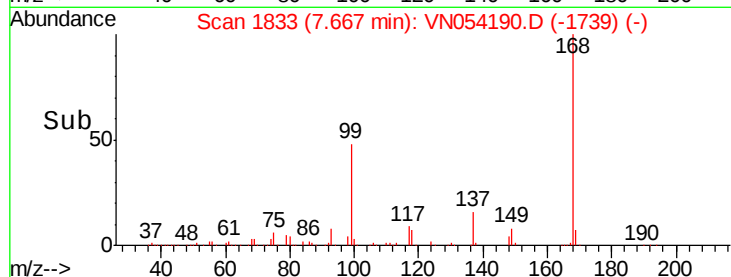
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 5.832 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054190.D

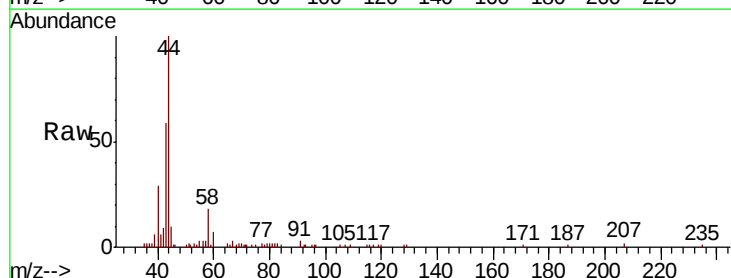
Acq: 13 Mar 2019 3:55

Tgt Ion: 43 Resp: 26204

Ion Ratio Lower Upper

43 100

58 38.0 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054190.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN054190.D (-543) (-)

3.82

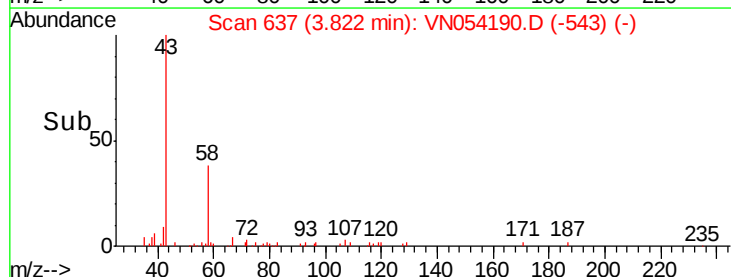
15000

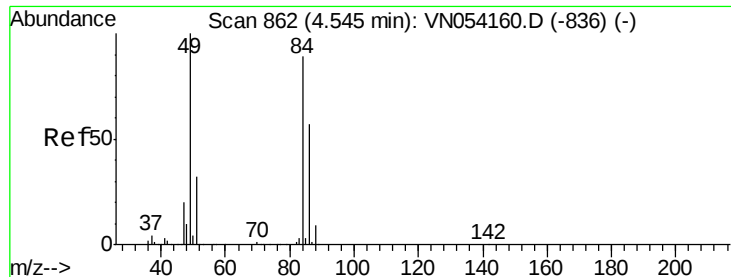
10000

5000

0

Time-->

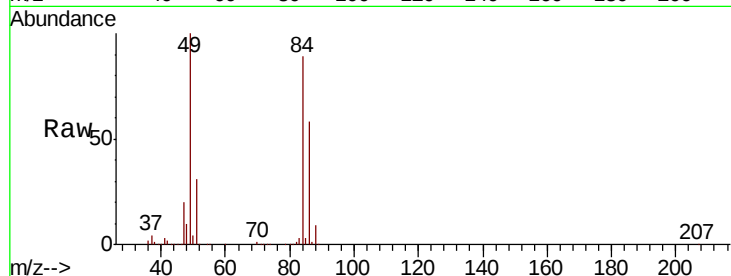




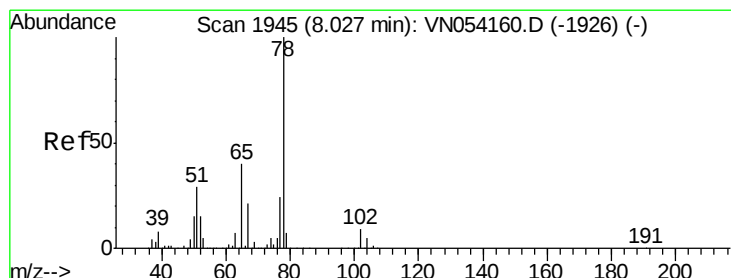
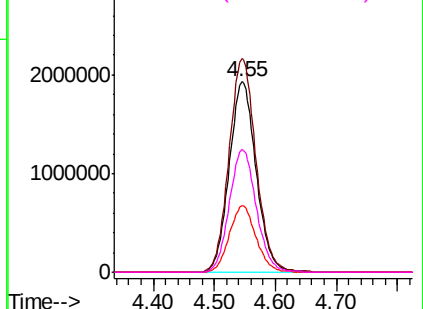
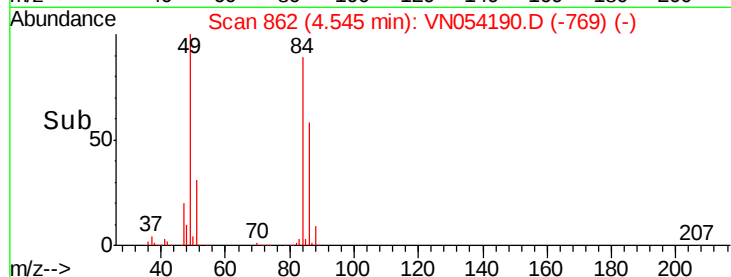
#20
Methylene Chloride
Concen: 401.871 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Tgt Ion: 84 Resp: 5928815
Ion Ratio Lower Upper
84 100
49 112.0 89.7 134.5
51 34.8 28.2 42.4
86 64.6 50.8 76.2

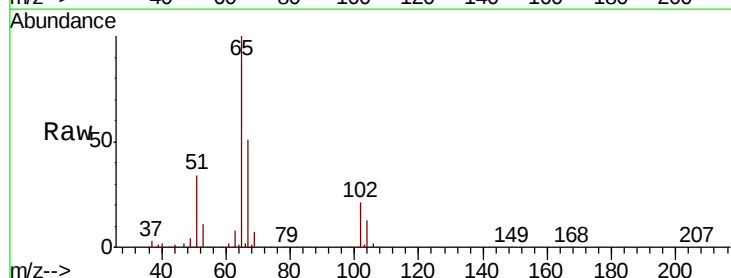


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

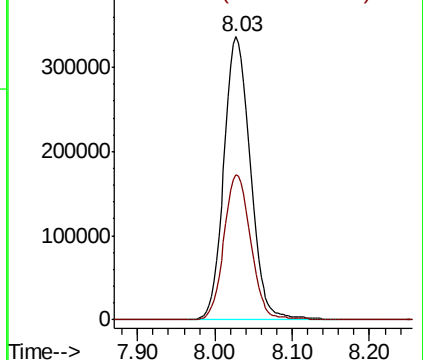
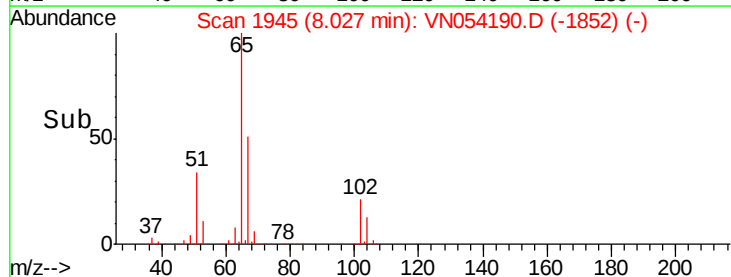


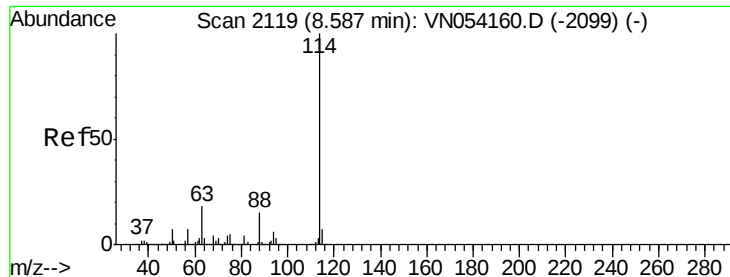
#33
1,2-Dichloroethane-d4
Concen: 51.023 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion: 65 Resp: 800655
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

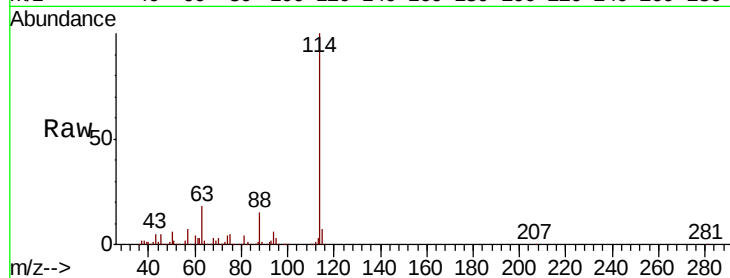




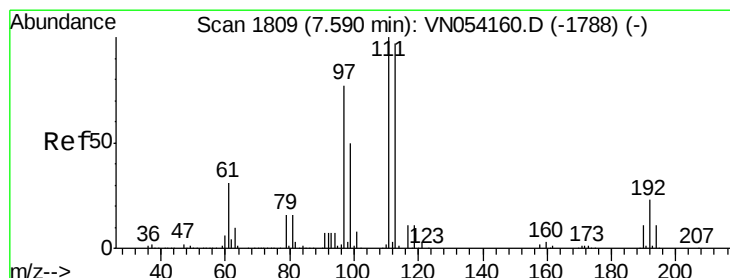
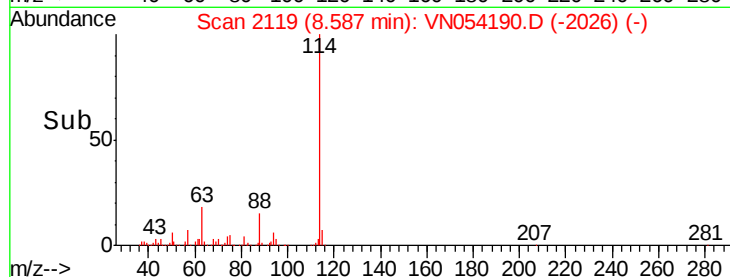
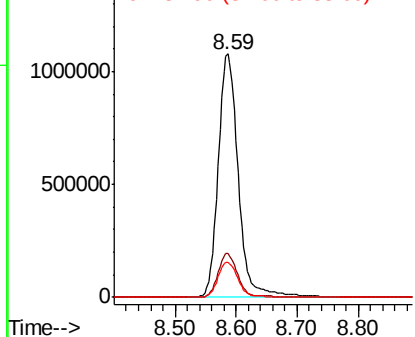
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054190.D
 Acq: 13 Mar 2019 3:55

Instrument :
 MSVOA_N
 ClientSampled :
 TP-1-D

Tgt Ion:114 Resp: 2452425
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.2
 88 14.6 0.0 30.2

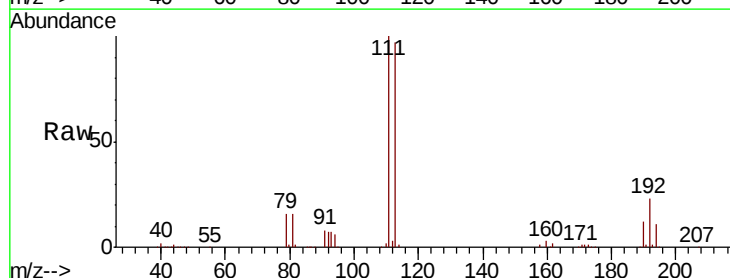


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

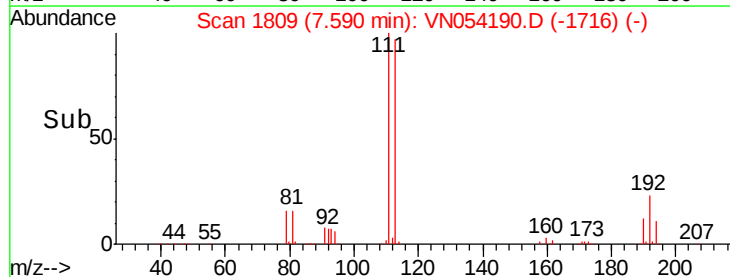
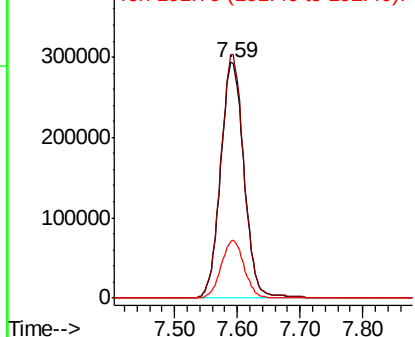


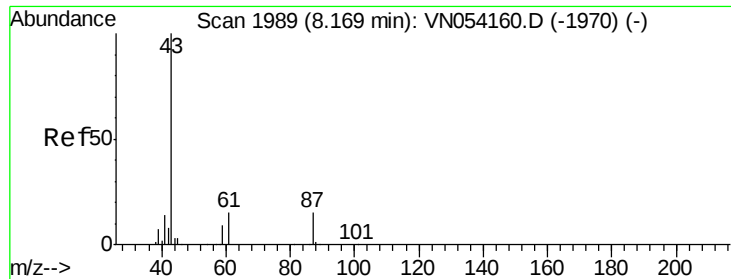
#35
 Dibromofluoromethane
 Concen: 48.109 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054190.D
 Acq: 13 Mar 2019 3:55

Tgt Ion:113 Resp: 760951
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 24.0 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

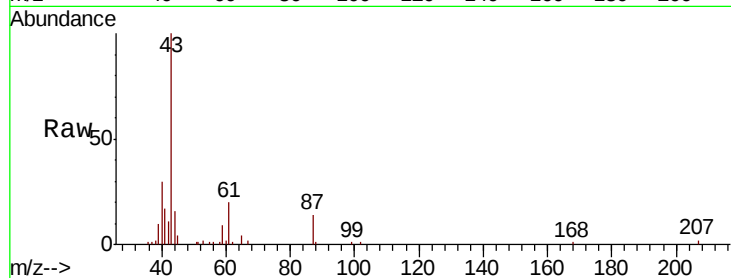




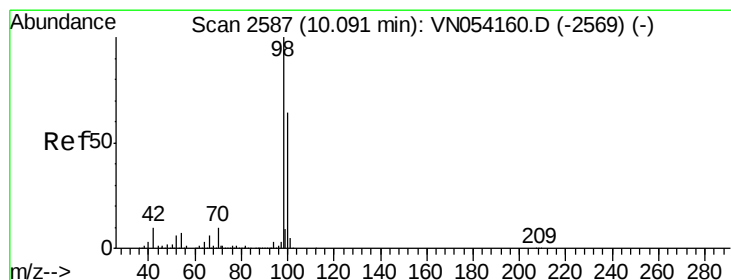
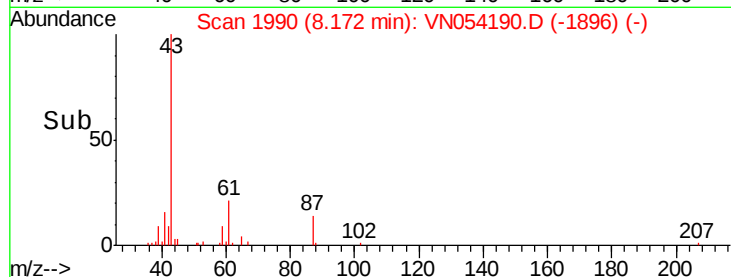
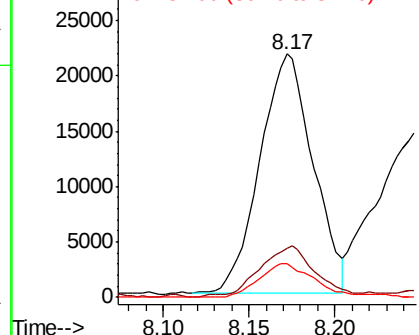
#43
Isopropyl Acetate
Concen: 2.027 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Tgt Ion: 43 Resp: 46176
Ion Ratio Lower Upper
43 100
61 20.4 15.8 23.8
87 15.0 12.0 18.0

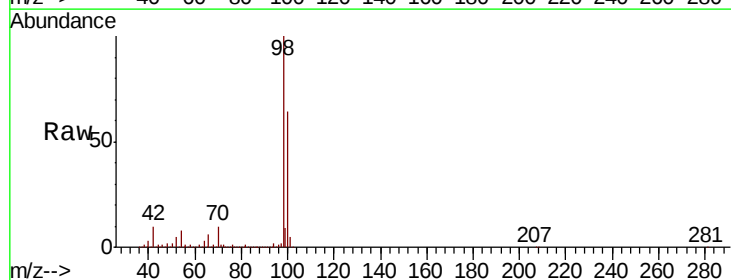


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

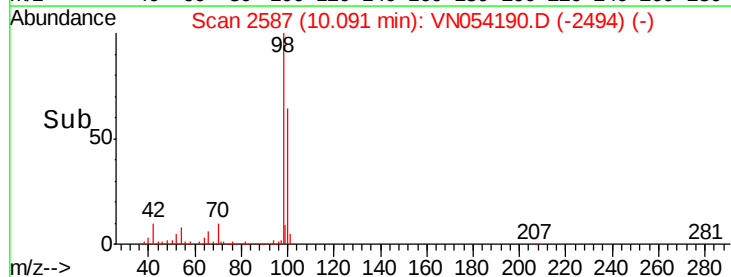
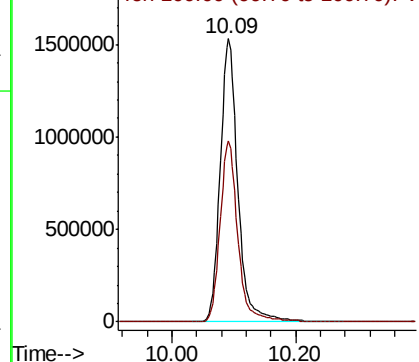


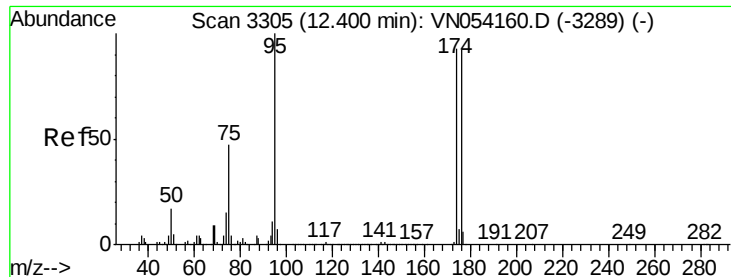
#50
Toluene-d8
Concen: 52.055 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion: 98 Resp: 3040818
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 56.767 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054190.D

Acq: 13 Mar 2019 3:55

Instrument :

MSVOA_N

ClientSampled :

TP-1-D

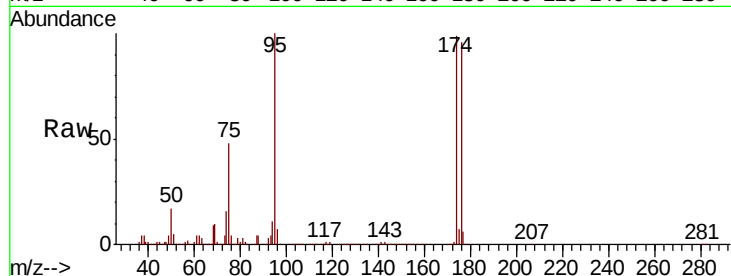
Tgt Ion: 95 Resp: 1160290

Ion Ratio Lower Upper

95 100

174 97.5 0.0 191.0

176 94.0 0.0 187.4

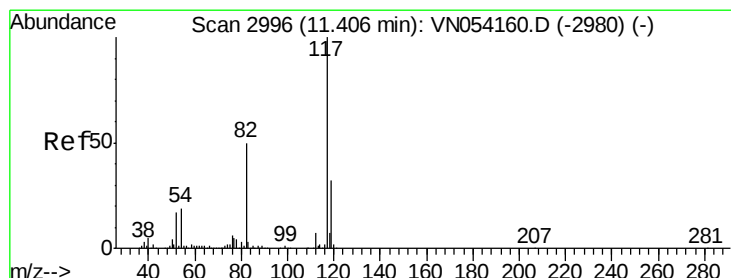
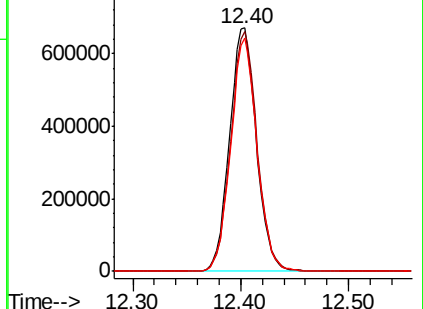
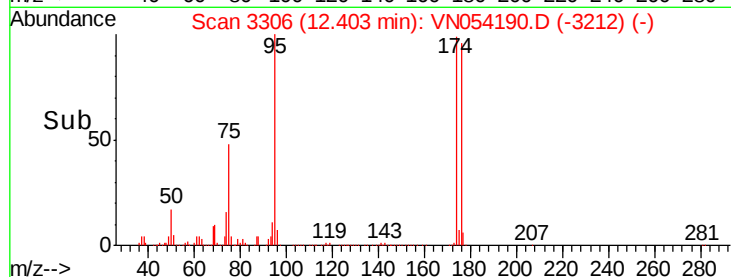


Abundance Ion 94.90 (94.60 to 95.60): VN054190.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054190.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054190.D (-3212) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054190.D

Acq: 13 Mar 2019 3:55

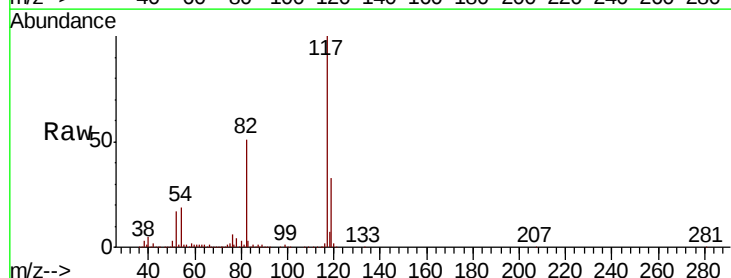
Tgt Ion: 117 Resp: 2531314

Ion Ratio Lower Upper

117 100

82 50.7 40.0 60.0

119 32.6 25.8 38.6

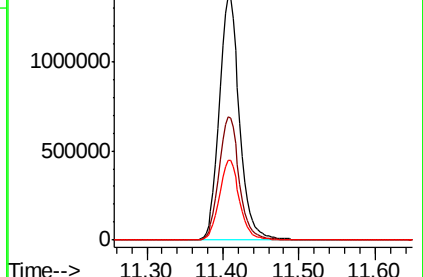
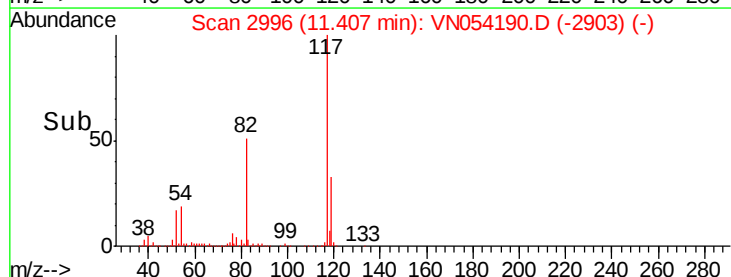


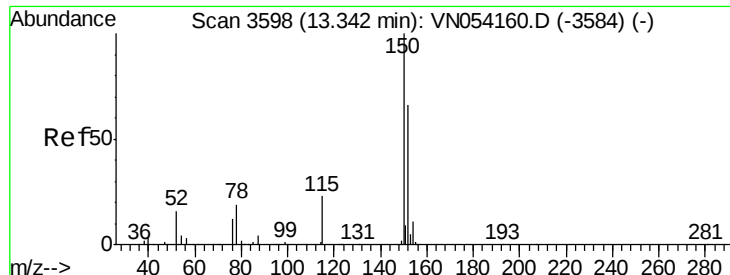
Abundance Ion 116.90 (116.60 to 117.60): VN054190.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054190.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054190.D (-2903) (-)

Time--> 11.30 11.40 11.50 11.60





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054190.D

Acq: 13 Mar 2019 3:55

Instrument :

MSVOA_N

ClientSampled :

TP-1-D

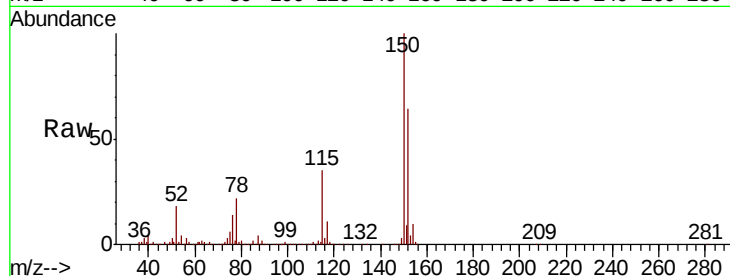
Tgt Ion:152 Resp: 1110497

Ion Ratio Lower Upper

152 100

115 54.2 27.2 81.6

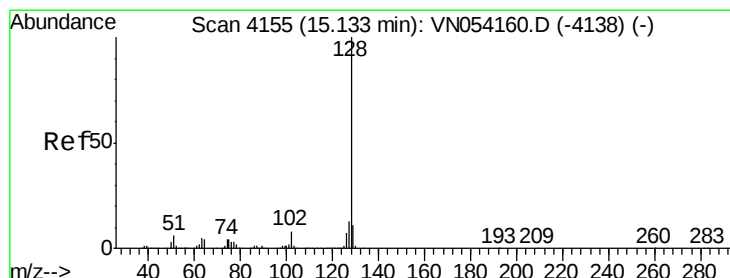
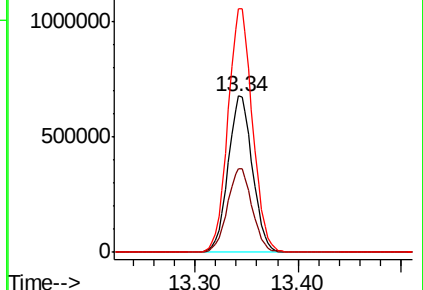
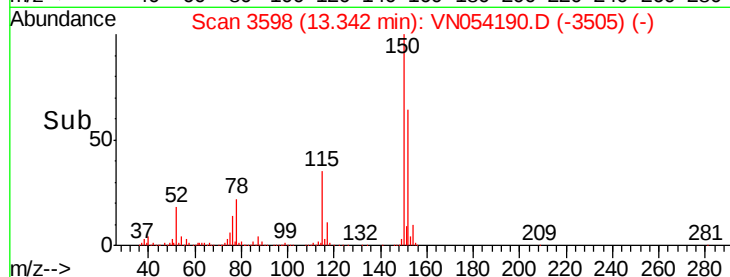
150 156.9 0.0 349.2



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: 3.720 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054190.D

Acq: 13 Mar 2019 3:55

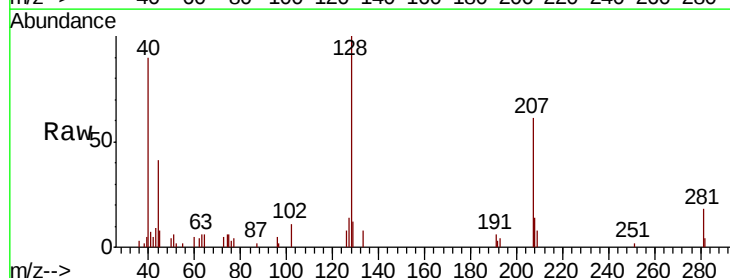
Tgt Ion:128 Resp: 13086

Ion Ratio Lower Upper

128 100

127 12.1 10.1 15.1

129 11.9 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

