

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
 Data File : VN054328.D
 Acq On : 15 Mar 2019 23:45
 Operator : JC/SP
 Sample : K1930-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Mar 16 05:04:28 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

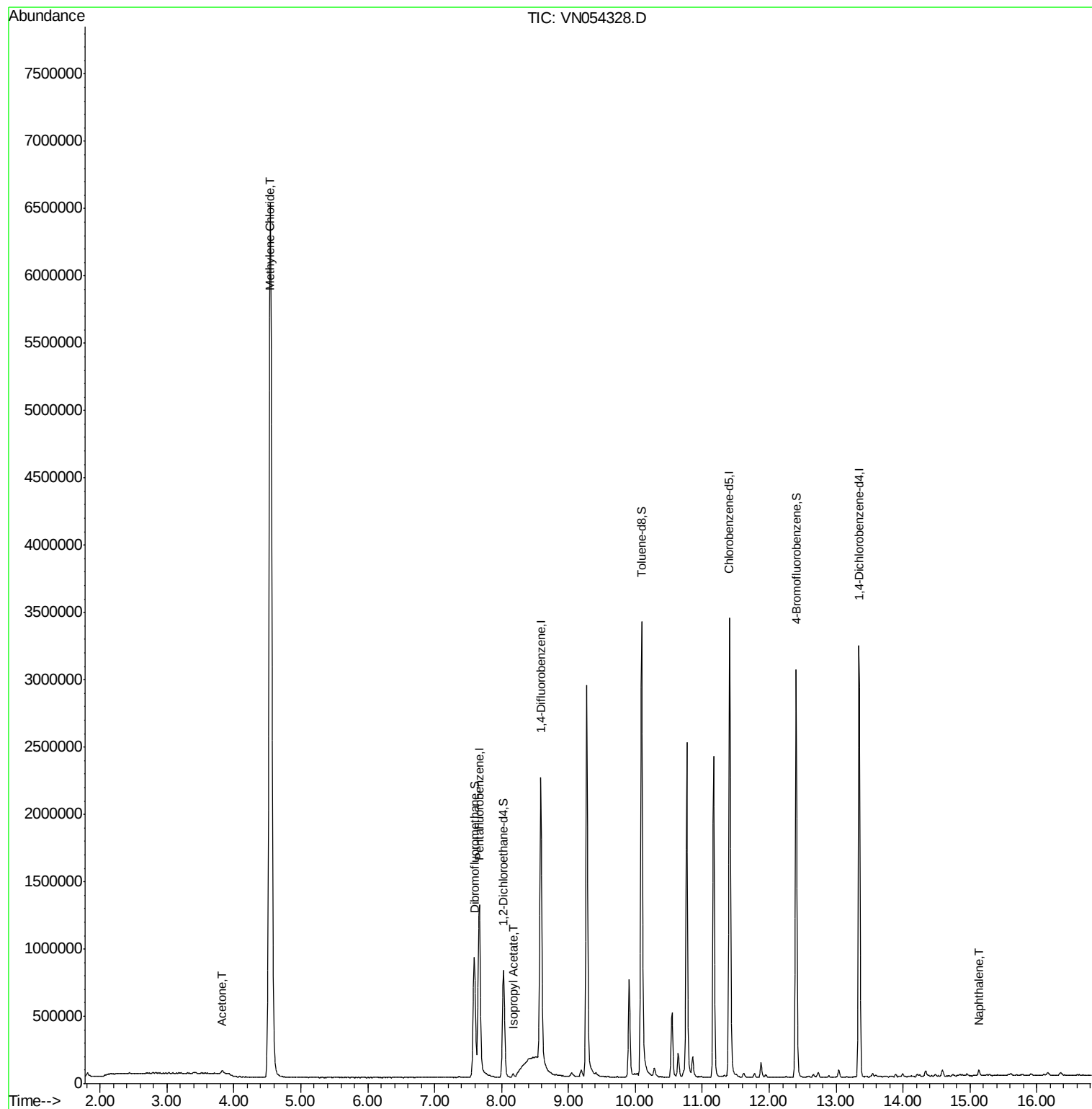
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1236098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2168665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2321462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	953064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	700284	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
35) Dibromofluoromethane	7.59	113	675140	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	10.09	98	2716122	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.40	95	1027105	56.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.66%	
Target Compounds						
16) Acetone	3.82	43	30787	8.191	ug/l	92
20) Methylene Chloride	4.54	84	5244857	424.968	ug/l	97
43) Isopropyl Acetate	8.17	43	30535	1.516	ug/l	98
95) Naphthalene	15.13	128	41497	4.394	ug/l	98

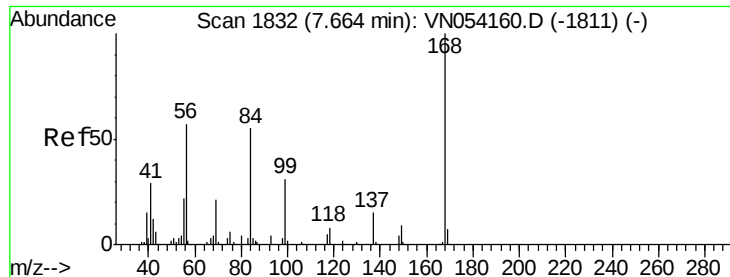
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

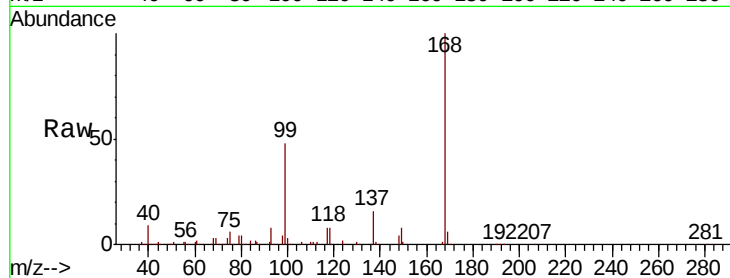
TP-3

Tgt Ion:168 Resp: 1236098

Ion Ratio Lower Upper

168 100

99 47.5 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

500000

400000

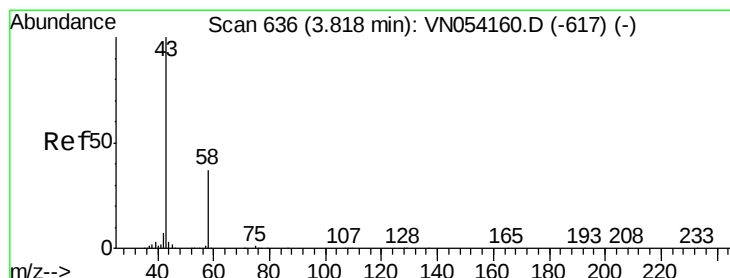
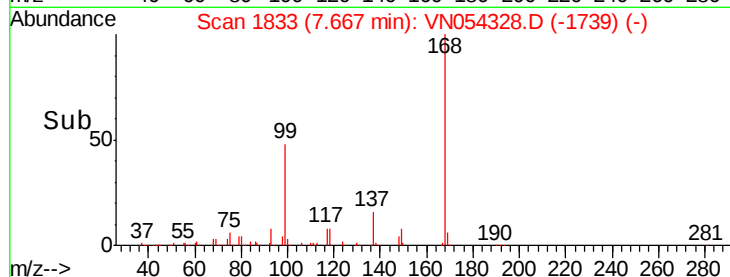
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.191 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054328.D

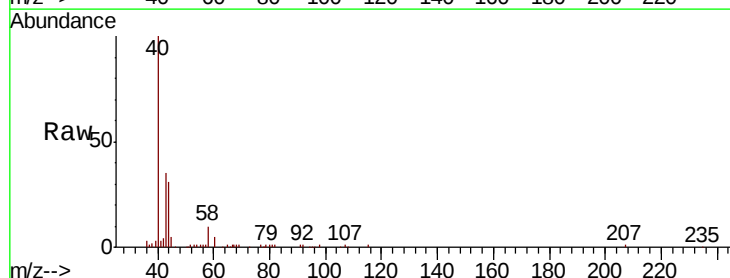
Acq: 15 Mar 2019 23:45

Tgt Ion: 43 Resp: 30787

Ion Ratio Lower Upper

43 100

58 32.6 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

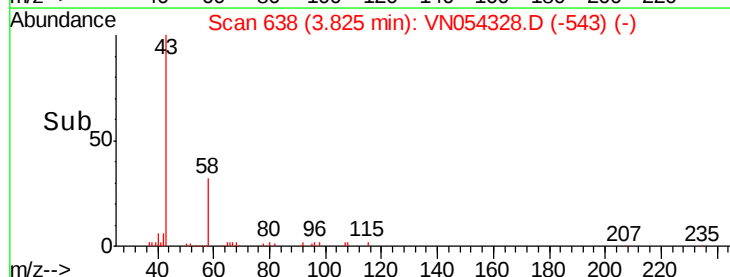
15000

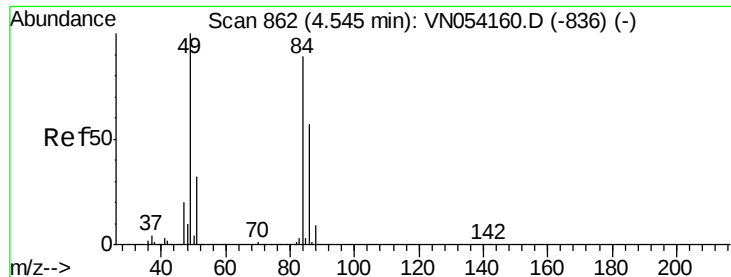
10000

5000

0

Time-->

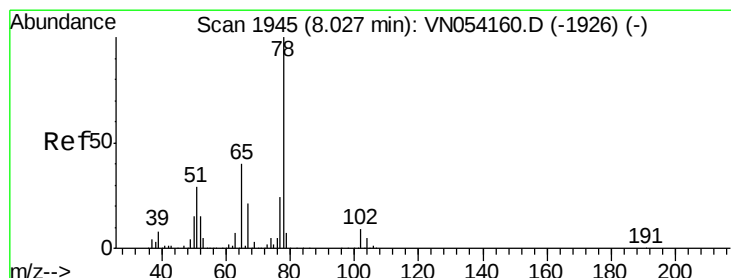
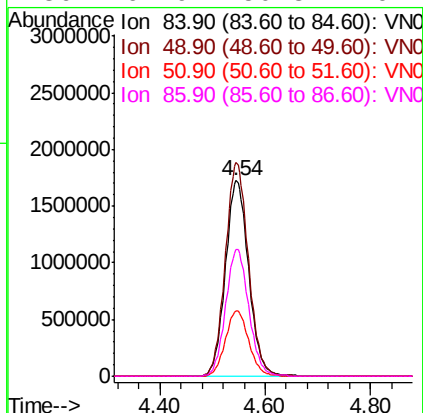
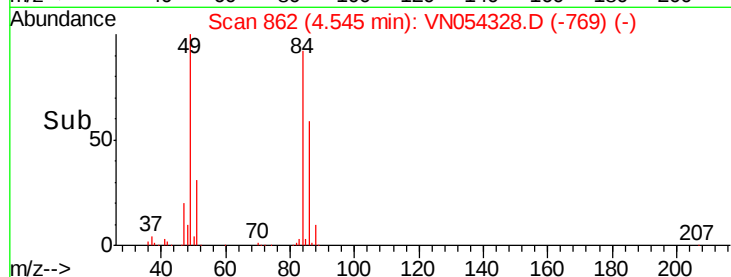
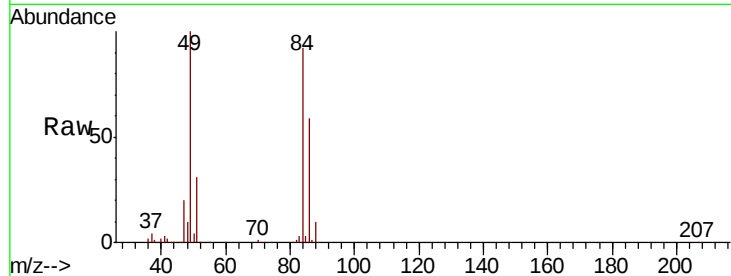




#20
Methylene Chloride
Concen: 424.968 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054328.D
Acq: 15 Mar 2019 23:45

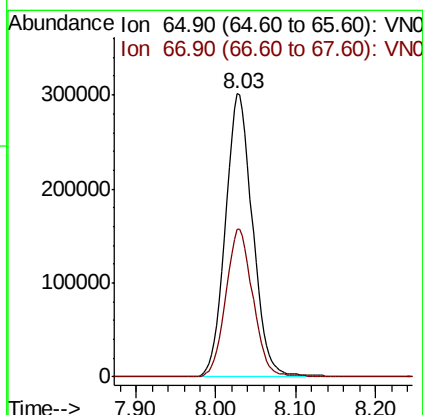
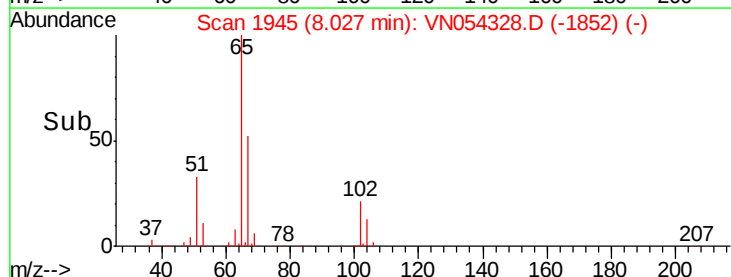
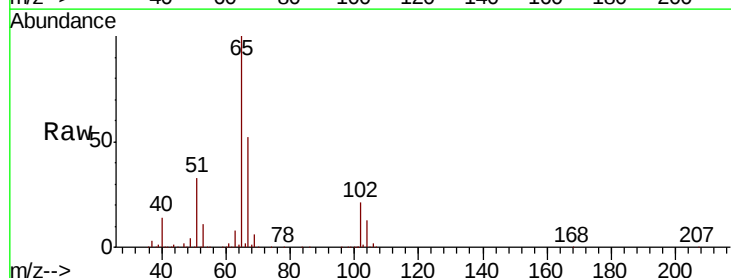
Instrument :
MSVOA_N
ClientSampled :
TP-3

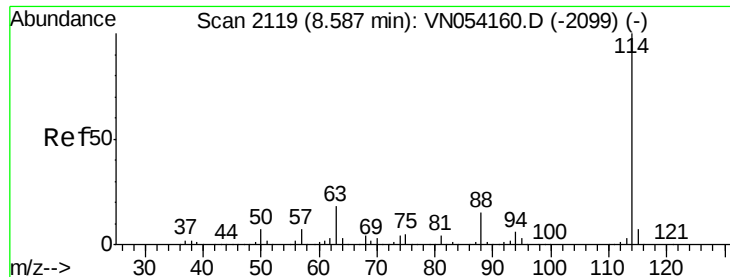
Tgt Ion: 84 Resp: 5244857
Ion Ratio Lower Upper
84 100
49 109.2 89.7 134.5
51 33.3 28.2 42.4
86 64.9 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 53.345 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054328.D
Acq: 15 Mar 2019 23:45

Tgt Ion: 65 Resp: 700284
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.6

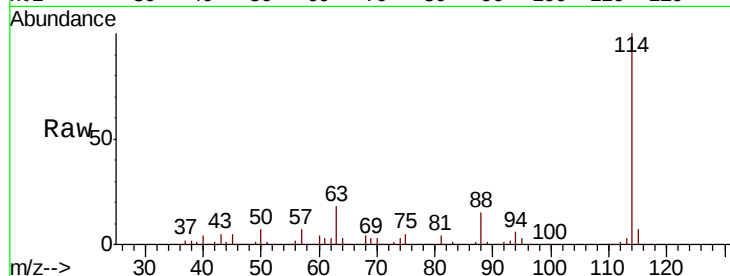




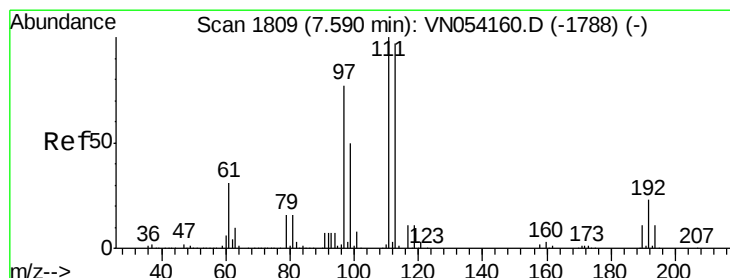
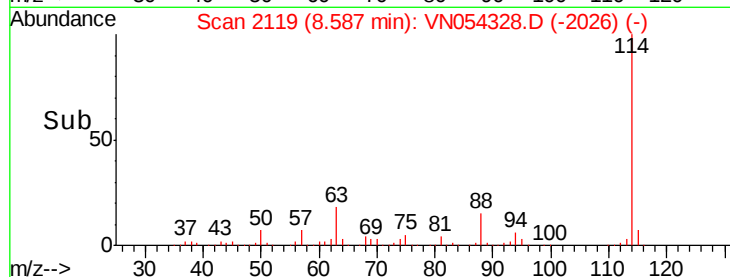
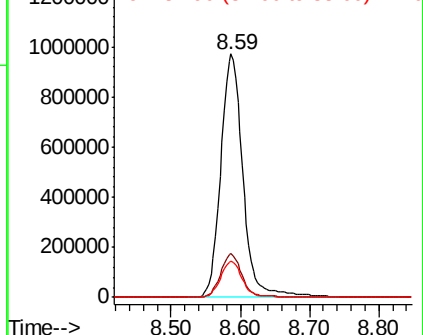
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054328.D
 Acq: 15 Mar 2019 23:45

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Tgt Ion:114 Resp: 2168665
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 14.9 0.0 30.2

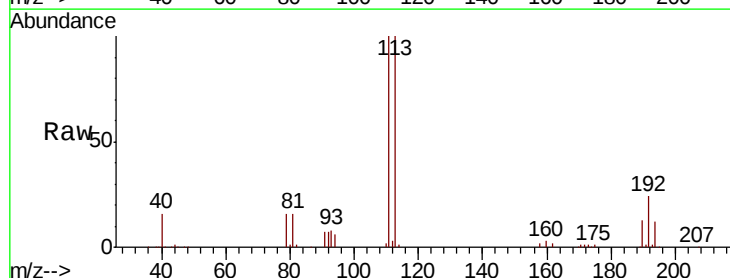


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

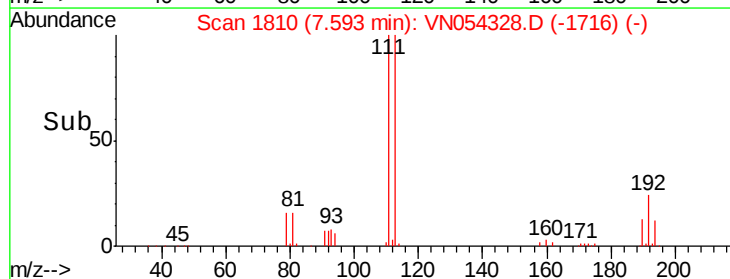
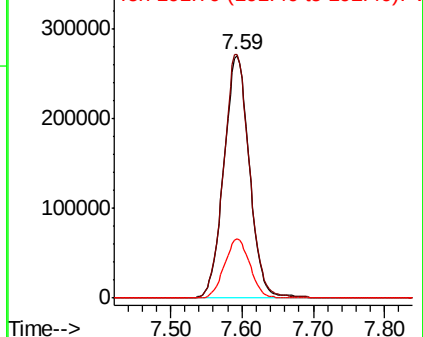


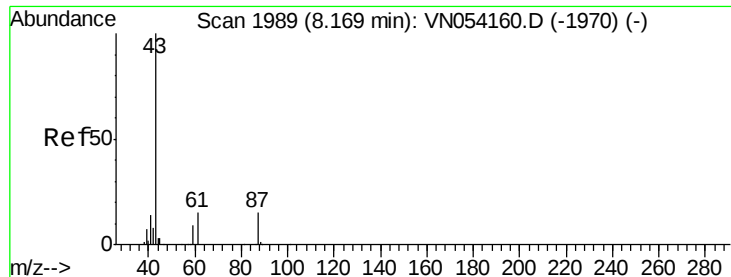
#35
 Dibromofluoromethane
 Concen: 48.269 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054328.D
 Acq: 15 Mar 2019 23:45

Tgt Ion:113 Resp: 675140
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.2 123.4
 192 24.5 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: 1.516 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

TP-3

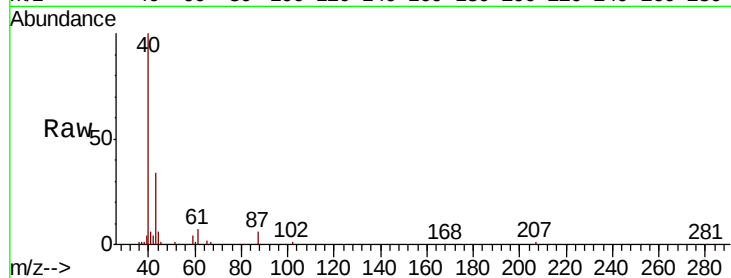
Tgt Ion: 43 Resp: 30535

Ion Ratio Lower Upper

43 100

61 20.8 15.8 23.8

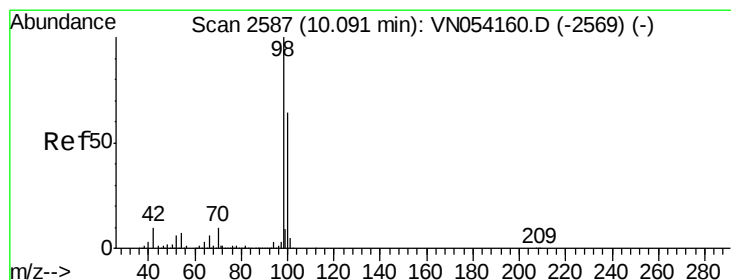
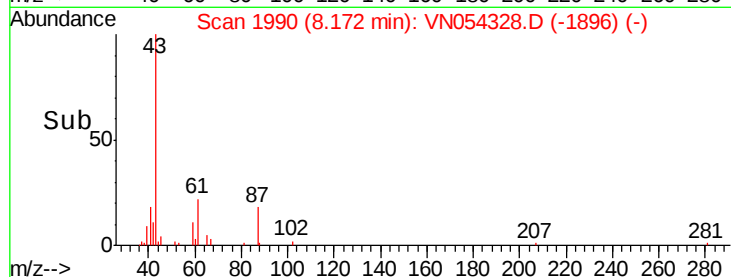
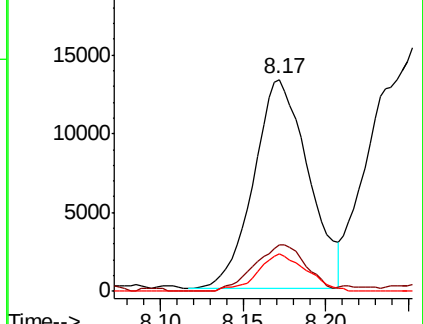
87 15.9 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN054328.D (-1990) (-)

Ion 61.00 (60.70 to 61.70): VN054328.D (-1990) (-)

Ion 87.00 (86.70 to 87.70): VN054328.D (-1990) (-)



#50

Toluene-d8

Concen: 52.581 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054328.D

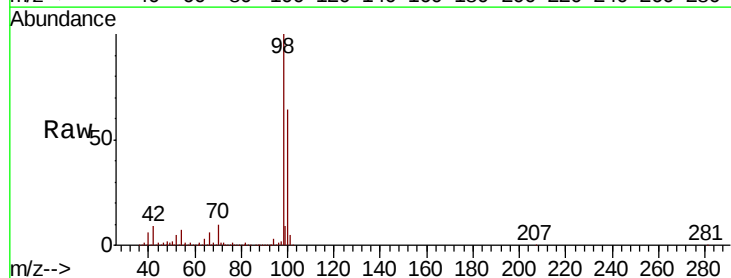
Acq: 15 Mar 2019 23:45

Tgt Ion: 98 Resp: 2716122

Ion Ratio Lower Upper

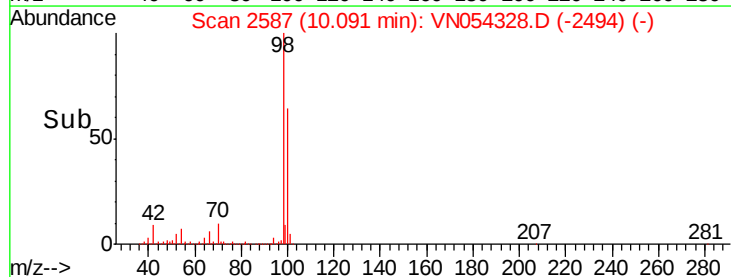
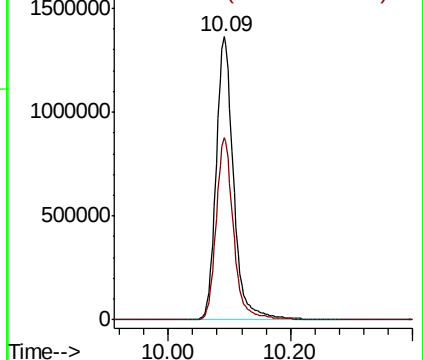
98 100

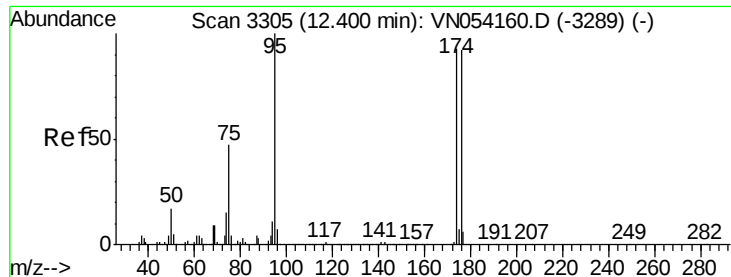
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054328.D (-2587) (-)

Ion 100.00 (99.70 to 100.70): VN054328.D (-2587) (-)





#62

4-Bromofluorobenzene

Concen: 56.826 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

TP-3

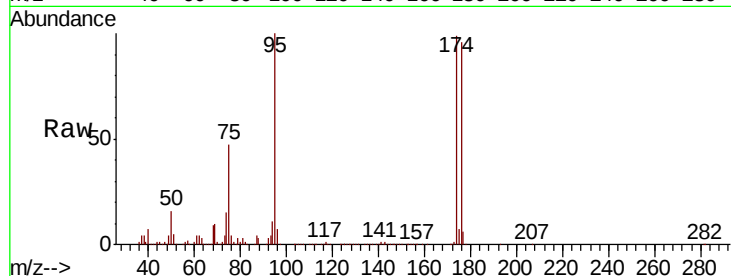
Tgt Ion: 95 Resp: 1027105

Ion Ratio Lower Upper

95 100

174 98.1 0.0 191.0

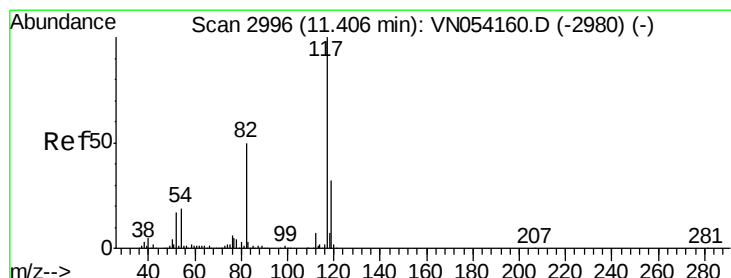
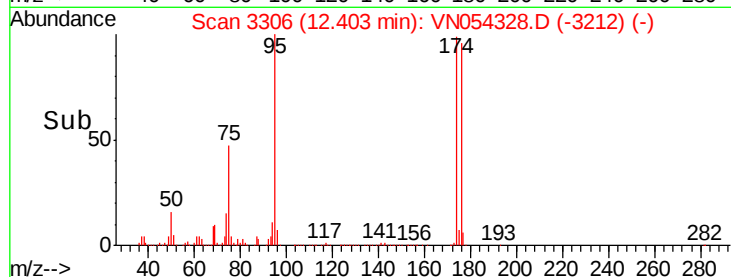
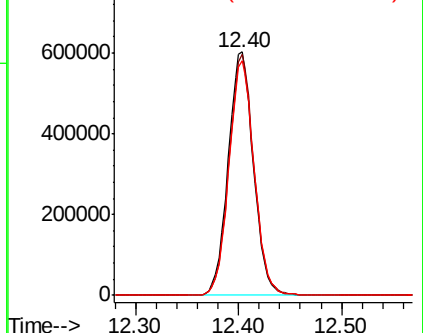
176 96.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

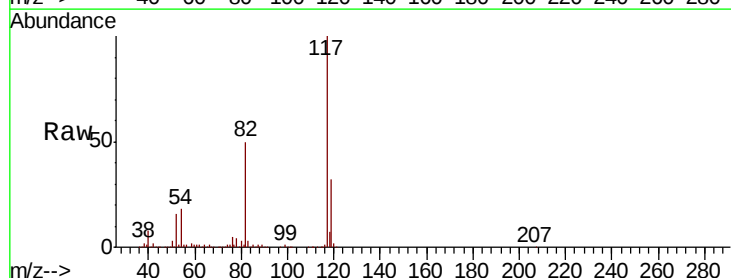
Tgt Ion: 117 Resp: 2321462

Ion Ratio Lower Upper

117 100

82 49.6 40.0 60.0

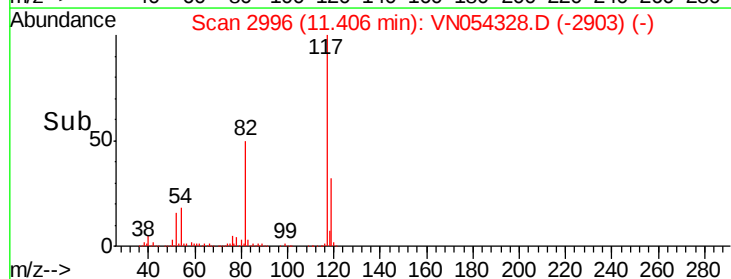
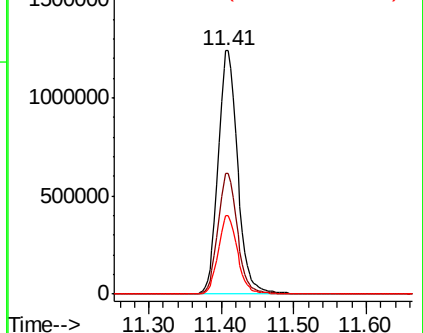
119 32.2 25.8 38.6

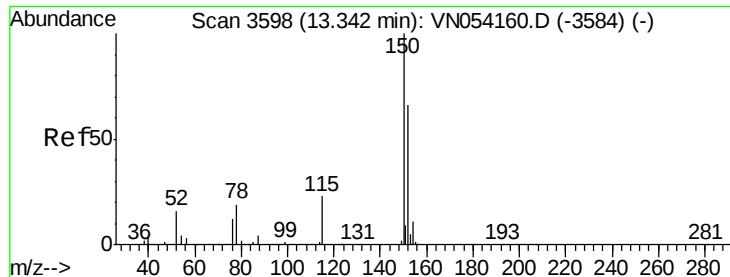


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

TP-3

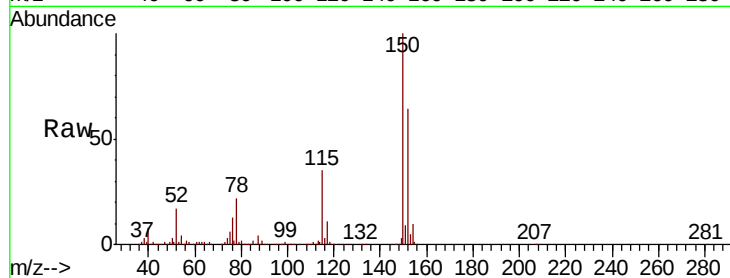
Tgt Ion:152 Resp: 953064

Ion Ratio Lower Upper

152 100

115 54.4 27.2 81.6

150 156.9 0.0 349.2

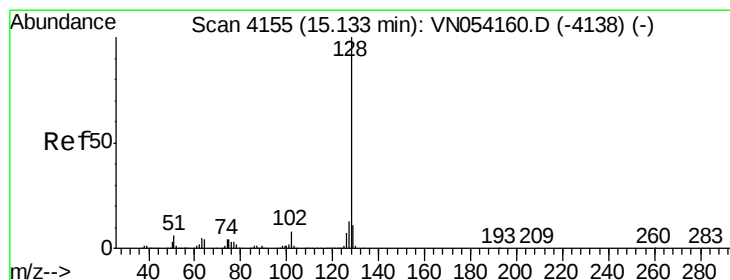
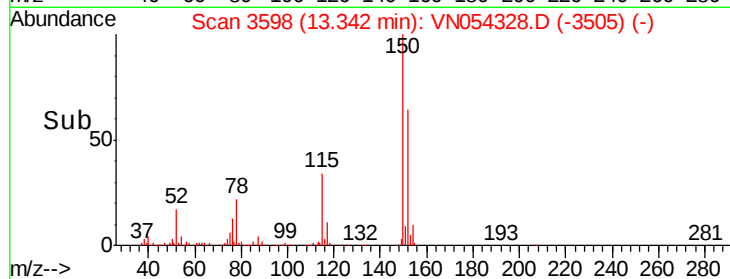
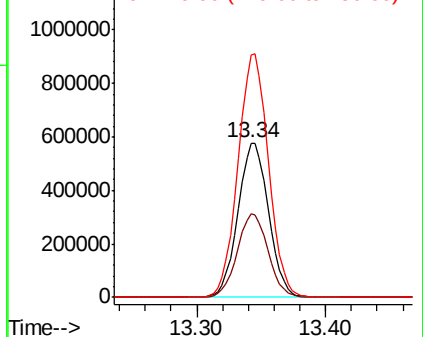


Abundance

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: 4.394 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

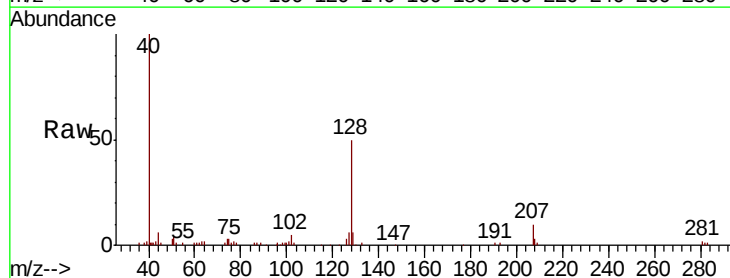
Tgt Ion:128 Resp: 41497

Ion Ratio Lower Upper

128 100

127 12.1 10.1 15.1

129 9.6 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

