

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054542.D
 Acq On : 22 Mar 2019 6:24
 Operator : JC/SP
 Sample : K2003-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S4A(30)

Quant Time: Mar 22 11:06:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

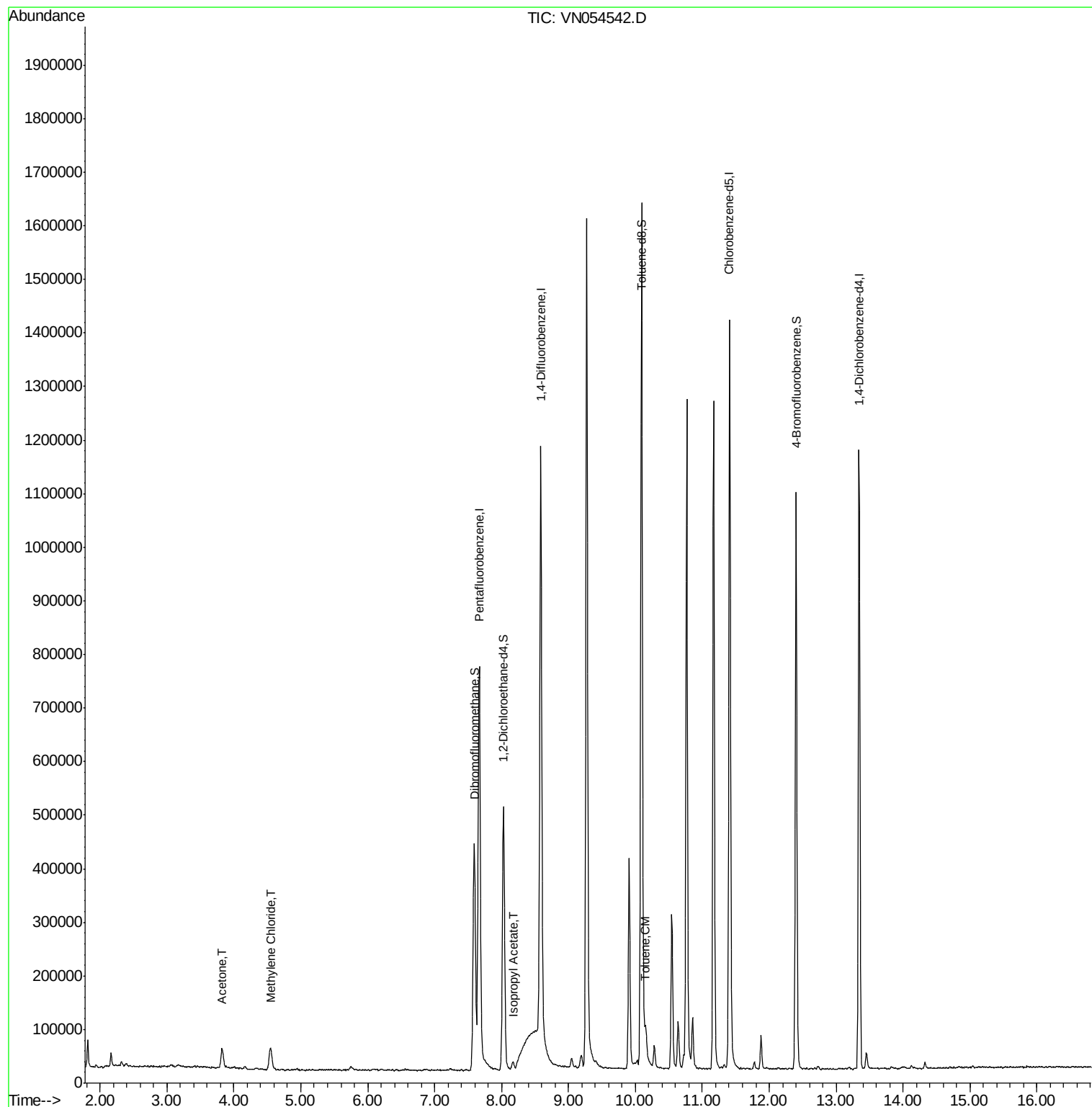
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	665040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1032344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	848523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	312488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	420350	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
35) Dibromofluoromethane	7.59	113	318145	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	10.09	98	1210456	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	12.40	95	373386	43.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.78%	
Target Compounds						
16) Acetone	3.82	43	59581	23.957	ug/l #	86
20) Methylene Chloride	4.55	84	28853	3.936	ug/l #	88
43) Isopropyl Acetate	8.17	43	17581	1.516	ug/l #	89
52) Toluene	10.16	92	18749	1.104	ug/l	99

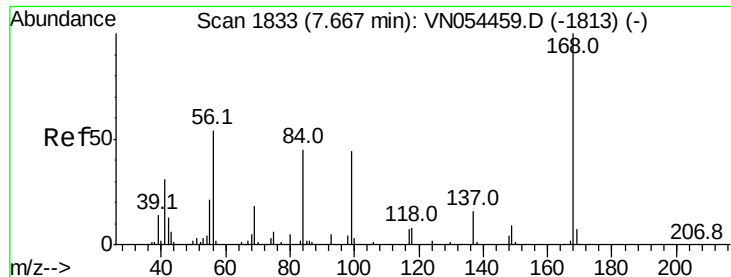
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032119\
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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: VN054542.D

Acq: 22 Mar 2019 6:24

Instrument :

MSVOA_N

ClientSampleId :

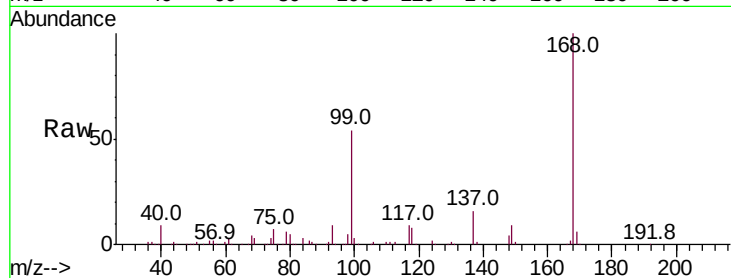
S4A(30)

Tot Ion:168 Resp: 665040

Ion Ratio Lower Upper

168 100

99 54.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

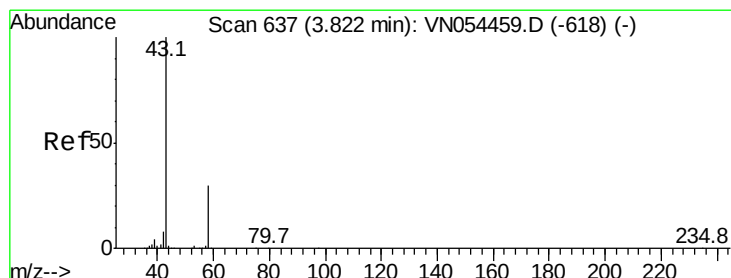
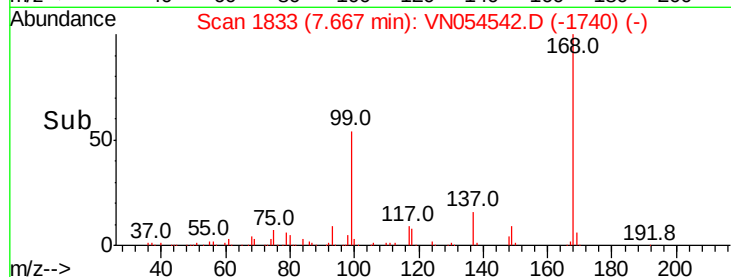
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 23.957 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054542.D

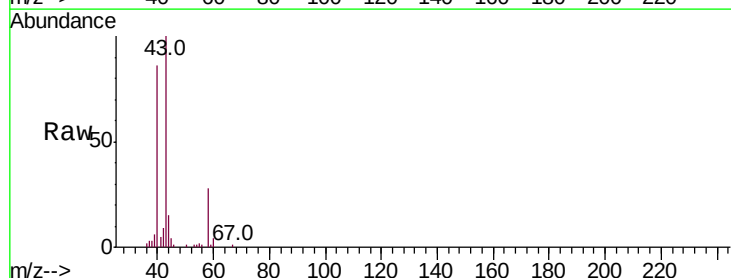
Acq: 22 Mar 2019 6:24

Tgt Ion: 43 Resp: 59581

Ion Ratio Lower Upper

43 100

58 29.1 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

25000

20000

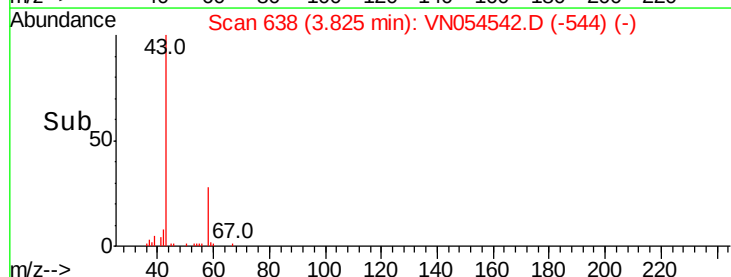
15000

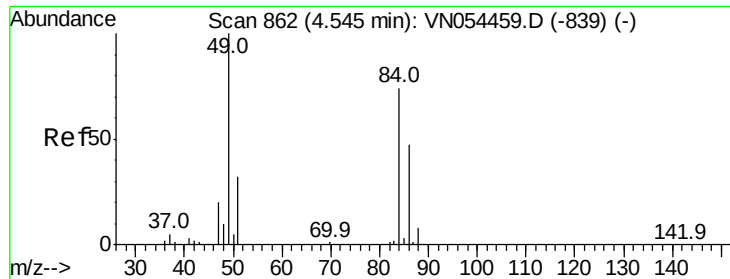
10000

5000

0

Time--> 3.70 3.80 3.90

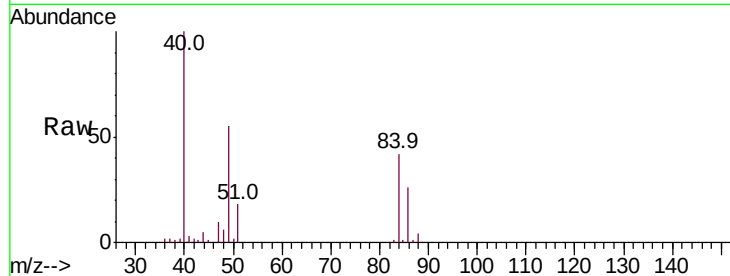




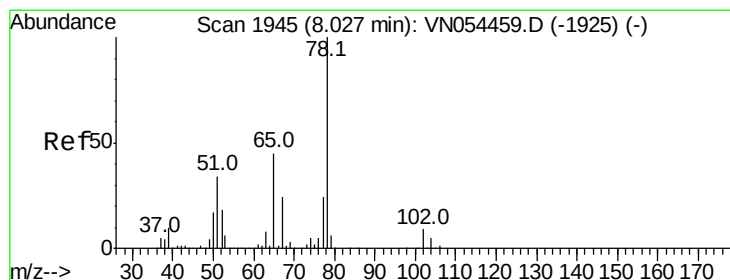
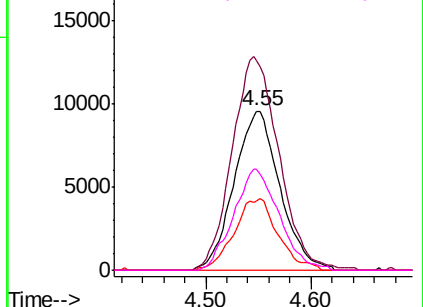
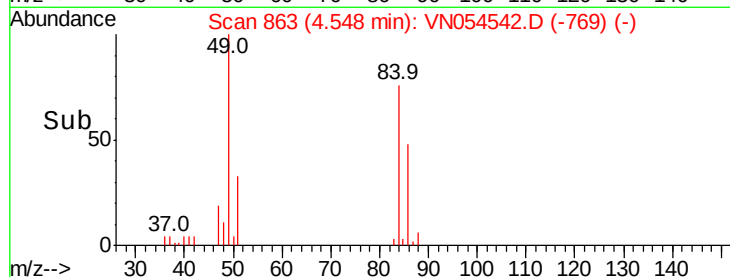
#20
Methylene Chloride
Concen: 3.936 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054542.D
Acq: 22 Mar 2019 6:24

Instrument :
MSVOA_N
ClientSampleId :
S4A(30)

Tot Ion: 84 Resp: 28853
Ion Ratio Lower Upper
84 100
49 132.2 89.7 134.5
51 43.6 28.2 42.4#
86 63.5 50.8 76.2

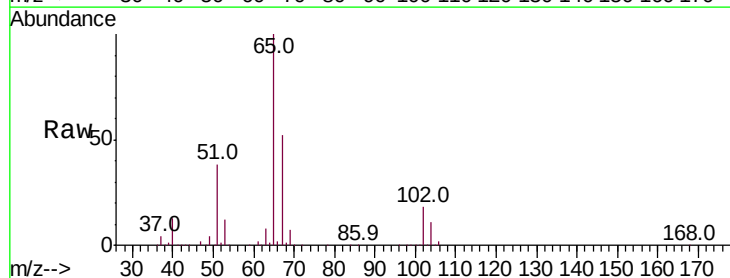


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

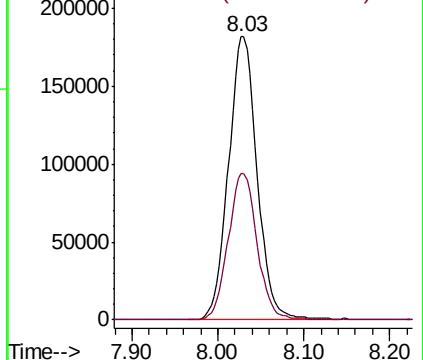
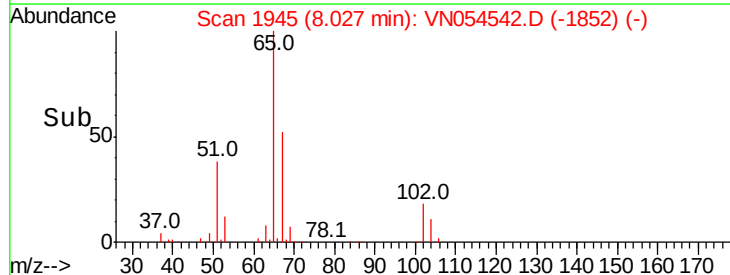


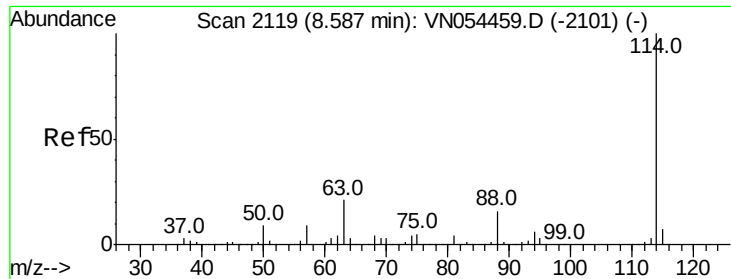
#33
1,2-Dichloroethane-d4
Concen: 50.816 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054542.D
Acq: 22 Mar 2019 6:24

Tgt Ion: 65 Resp: 420350
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6



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

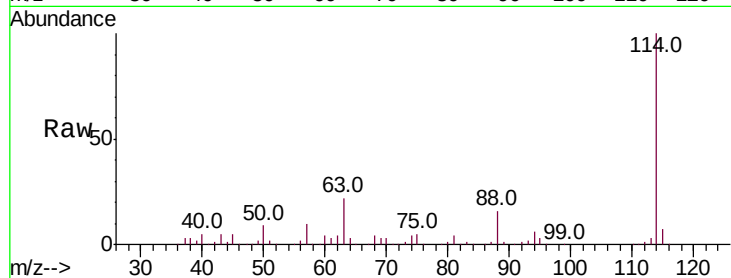




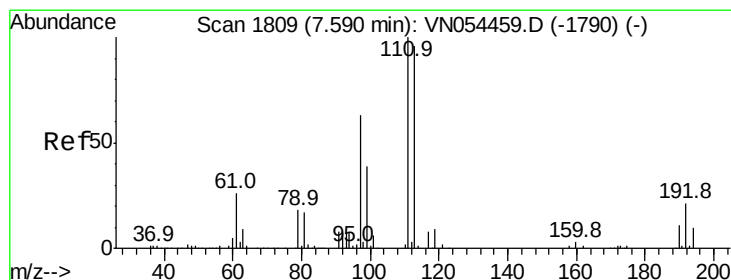
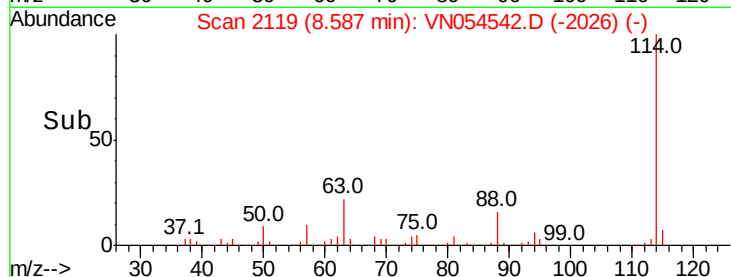
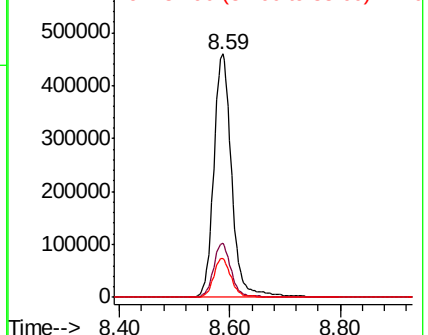
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054542.D
 Acq: 22 Mar 2019 6:24

Instrument :
 MSVOA_N
 ClientSampleId :
 S4A(30)

Tot Ion:114 Resp: 1032344
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 35.2
 88 16.0 0.0 30.2

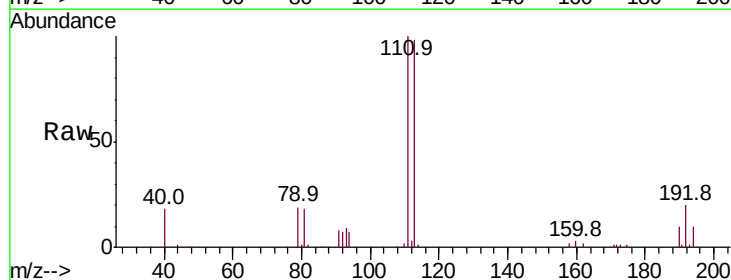


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

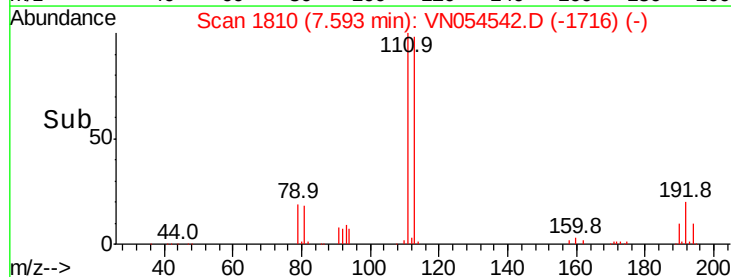
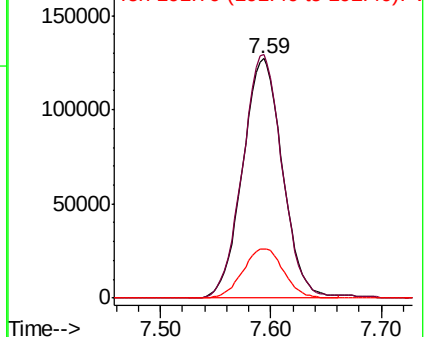


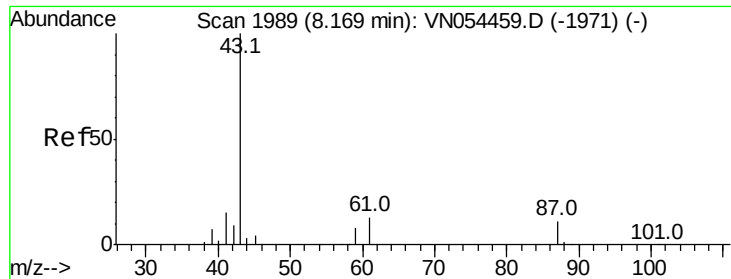
#35
 Dibromofluoromethane
 Concen: 47.835 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054542.D
 Acq: 22 Mar 2019 6:24

Tgt Ion:113 Resp: 318145
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.4
 192 21.0 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: 1.516 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054542.D

Acq: 22 Mar 2019 6:24

Instrument :

MSVOA_N

ClientSampleId :

S4A(30)

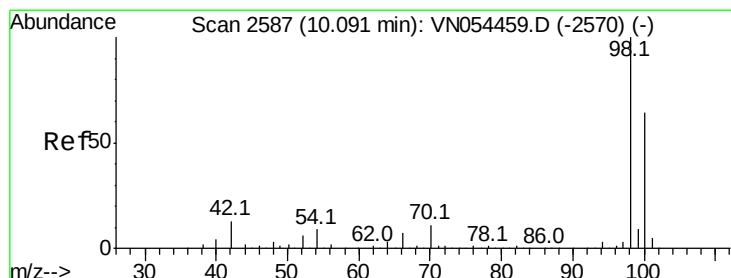
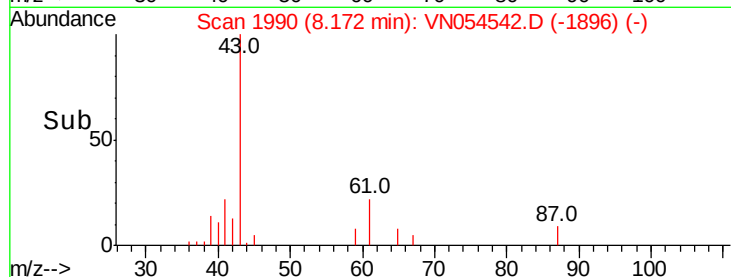
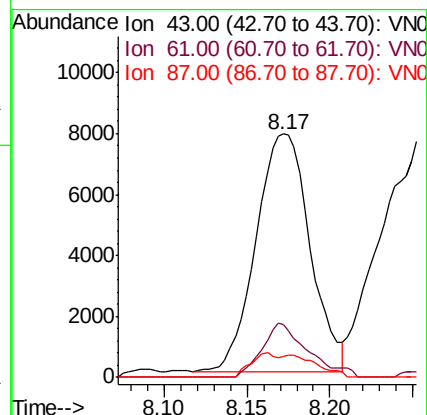
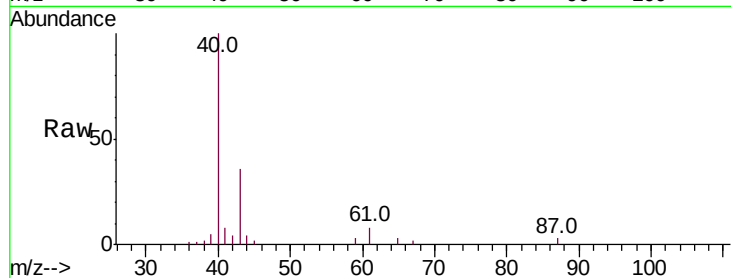
Tot Ion: 43 Resp: 17581

Ion Ratio Lower Upper

43 100

61 19.4 15.8 23.8

87 5.1 12.0 18.0#



#50

Toluene-d8

Concen: 48.412 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054542.D

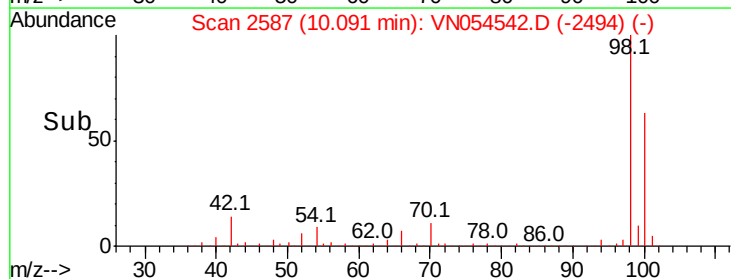
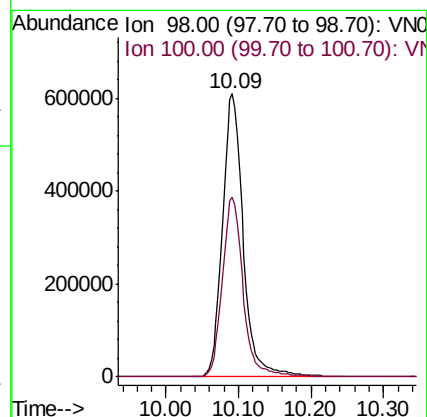
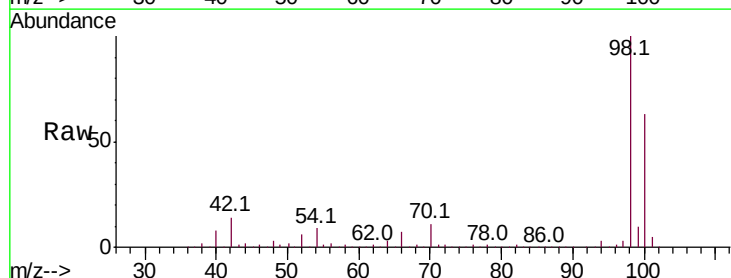
Acq: 22 Mar 2019 6:24

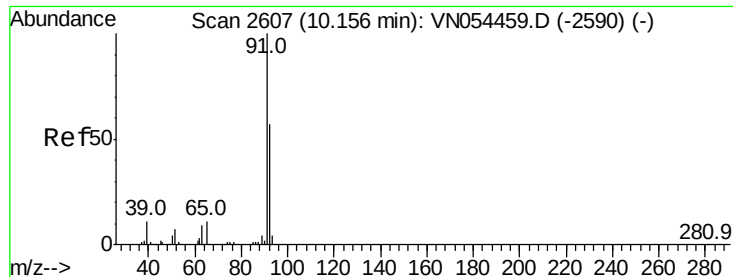
Tgt Ion: 98 Resp: 1210456

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8





#52

Toluene

Concen: 1.104 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054542.D

Acq: 22 Mar 2019 6:24

Instrument :

MSVOA_N

ClientSampleId :

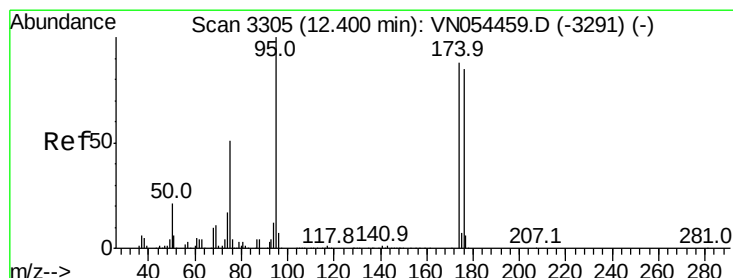
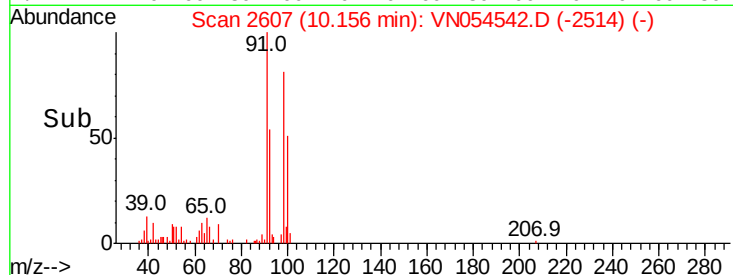
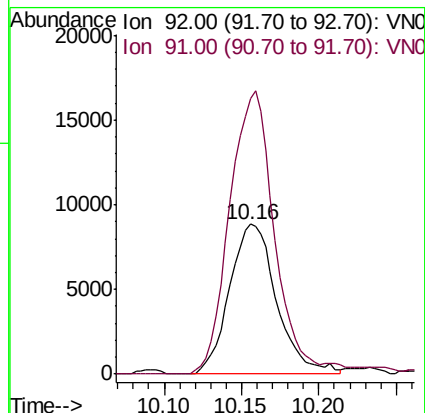
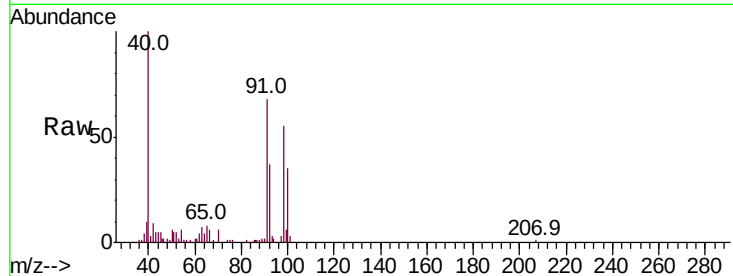
S4A(30)

Tot Ion: 92 Resp: 18749

Ion Ratio Lower Upper

92 100

91 177.7 140.7 211.1



#62

4-Bromofluorobenzene

Concen: 43.886 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054542.D

Acq: 22 Mar 2019 6:24

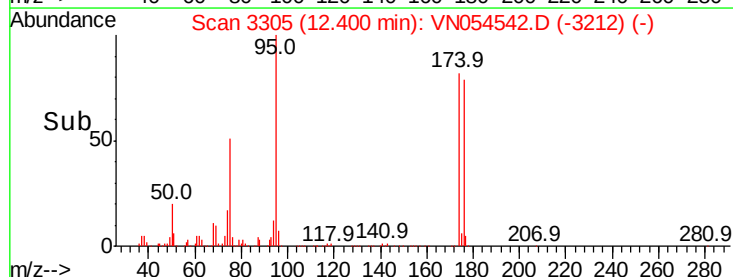
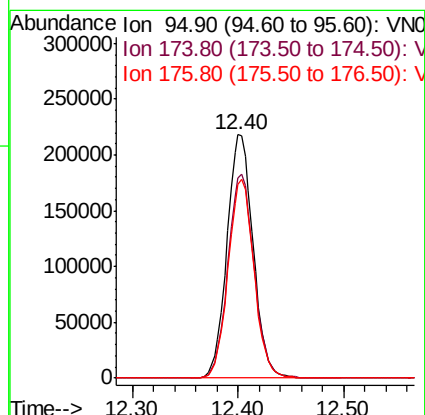
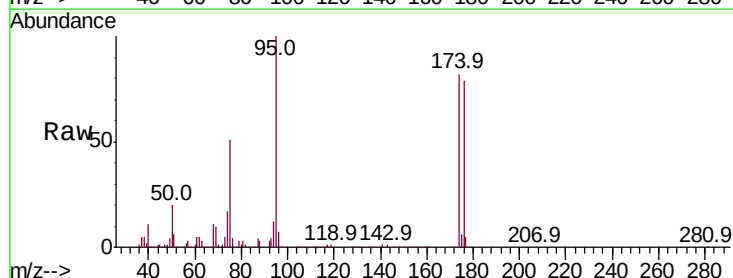
Tgt Ion: 95 Resp: 373386

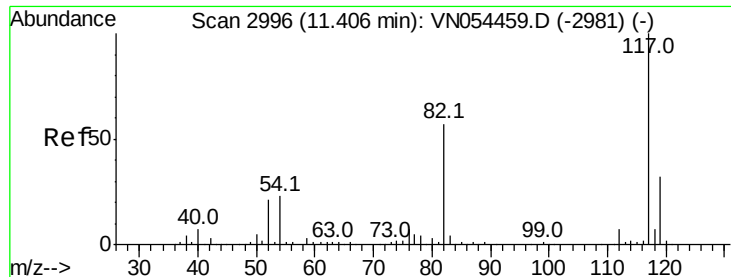
Ion Ratio Lower Upper

95 100

174 84.0 0.0 191.0

176 81.0 0.0 187.4

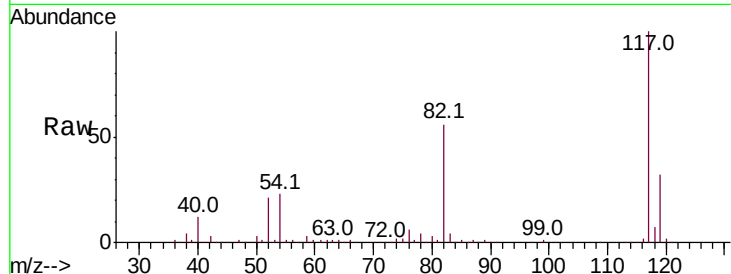




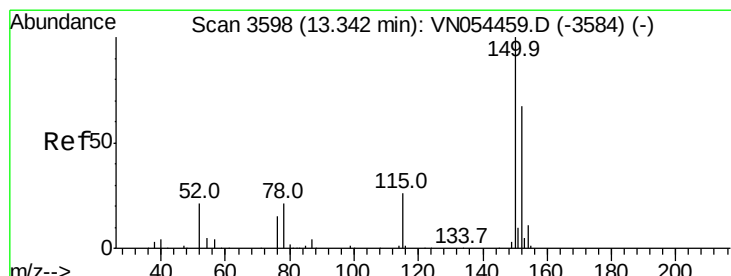
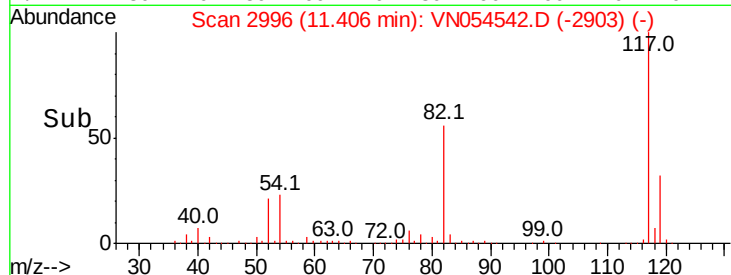
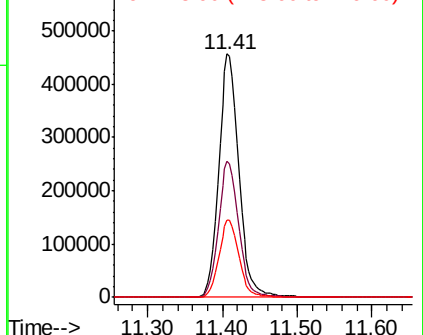
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054542.D
Acq: 22 Mar 2019 6:24

Instrument :
MSVOA_N
ClientSampleId :
S4A(30)

Tot Ion:117 Resp: 848523
Ion Ratio Lower Upper
117 100
82 56.0 40.0 60.0
119 32.0 25.8 38.6

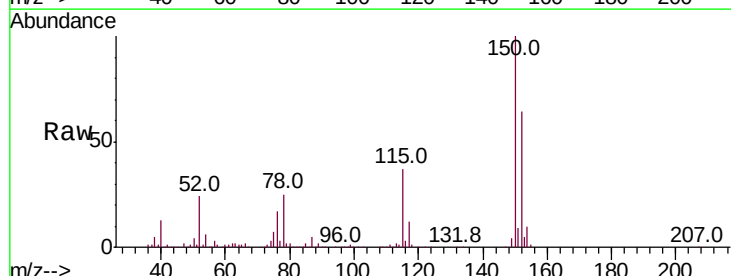


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054542.D
Acq: 22 Mar 2019 6:24

Tgt Ion:152 Resp: 312488
Ion Ratio Lower Upper
152 100
115 57.9 27.2 81.6
150 157.1 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

