

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054543.D
 Acq On : 22 Mar 2019 6:52
 Operator : JC/SP
 Sample : K2002-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-2(30)

Quant Time: Mar 22 11:08:03 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

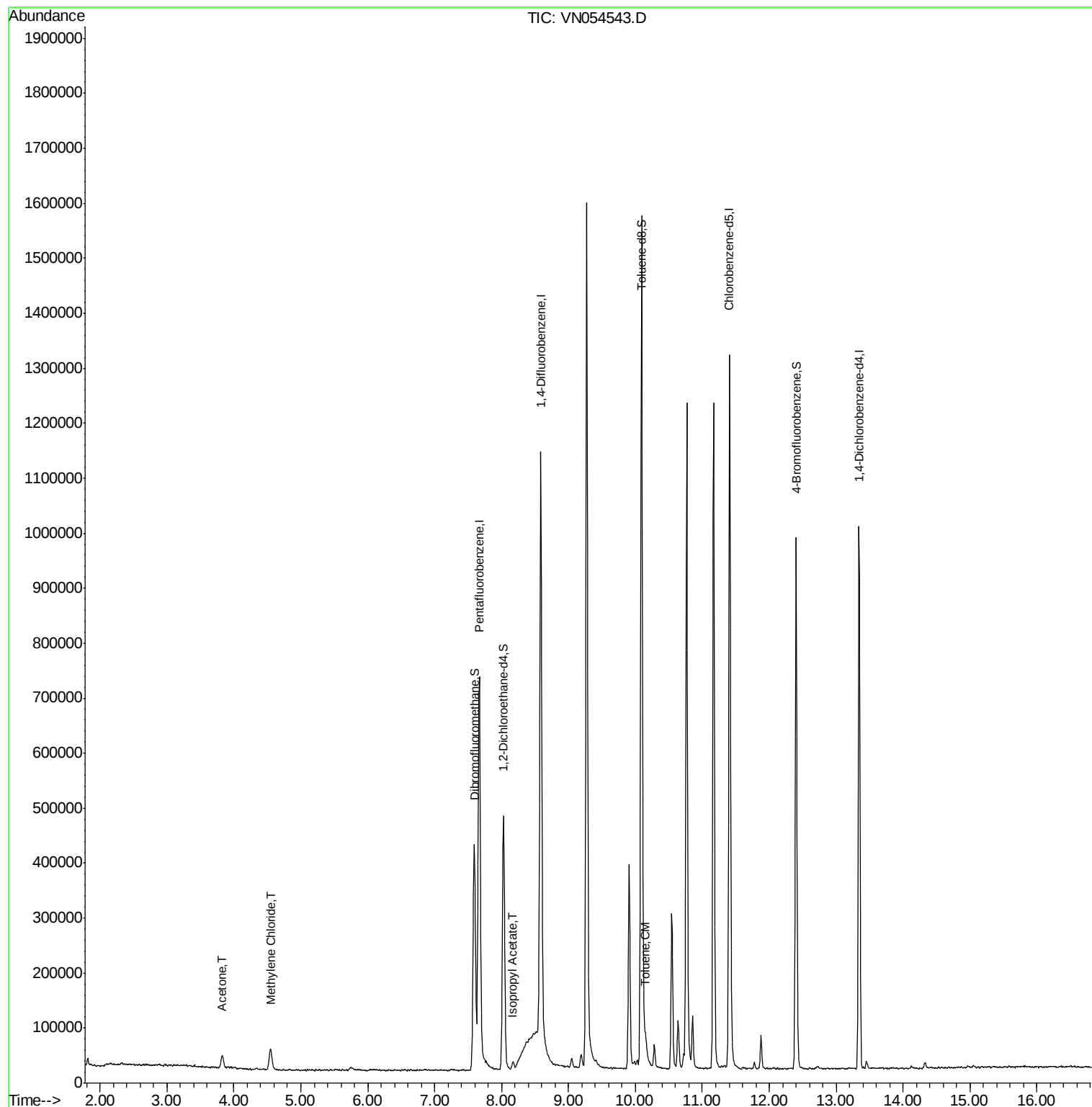
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	623531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	995502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	784447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	268947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	403153	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
35) Dibromofluoromethane	7.59	113	308391	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
50) Toluene-d8	10.09	98	1163465	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.40	95	332820	40.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.14%	
Target Compounds						
16) Acetone	3.82	43	40890	17.536	ug/l #	87
20) Methylene Chloride	4.55	84	26779	3.896	ug/l	89
43) Isopropyl Acetate	8.17	43	18363	1.642	ug/l #	96
52) Toluene	10.16	92	10786	0.659	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 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: VN054543.D

Acq: 22 Mar 2019 6:52

Instrument :

MSVOA_N

ClientSampled :

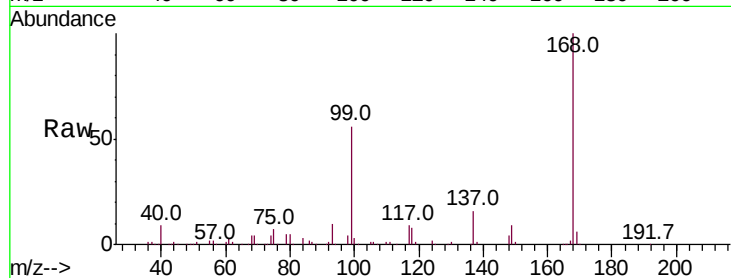
S-2(30)

Tot Ion:168 Resp: 623531

Ion Ratio Lower Upper

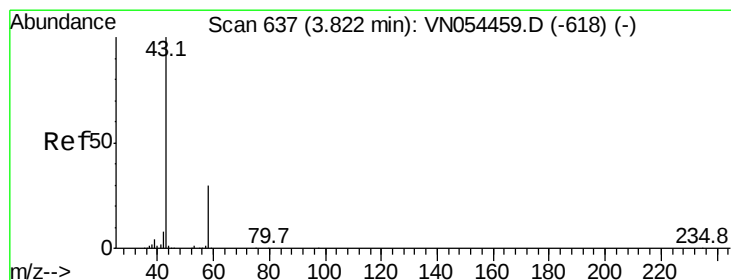
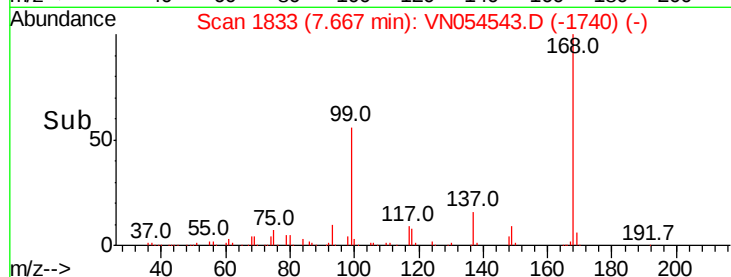
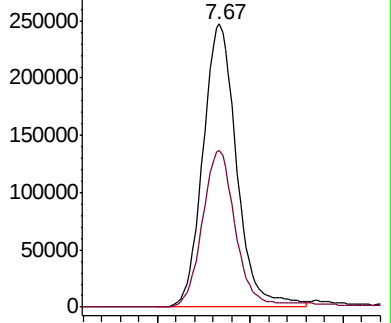
168 100

99 55.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 17.536 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054543.D

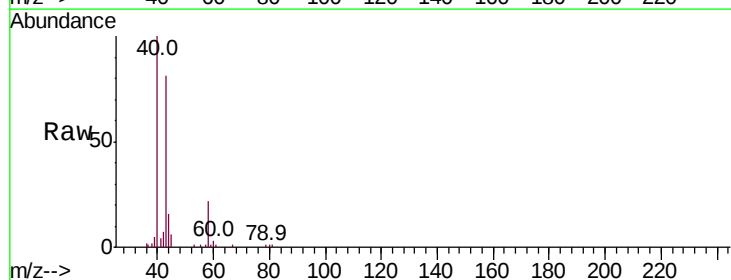
Acq: 22 Mar 2019 6:52

Tgt Ion: 43 Resp: 40890

Ion Ratio Lower Upper

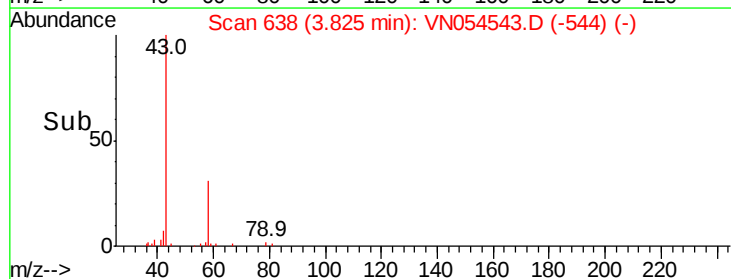
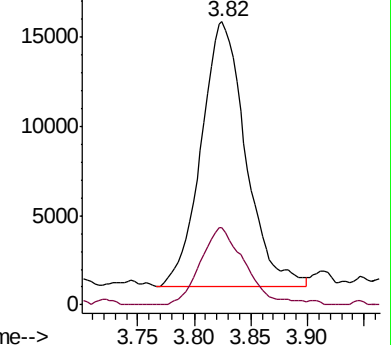
43 100

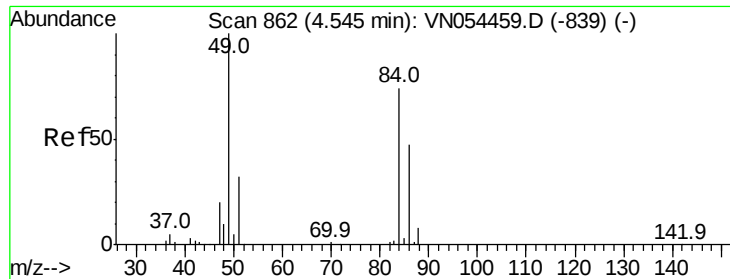
58 29.3 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

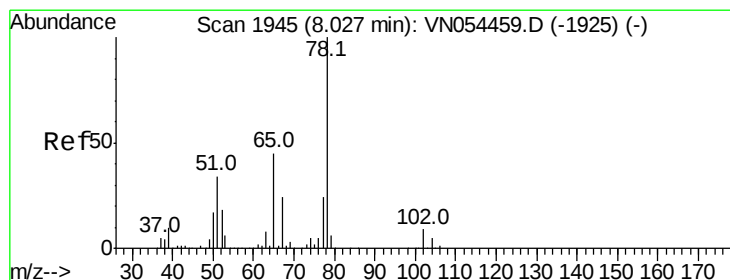
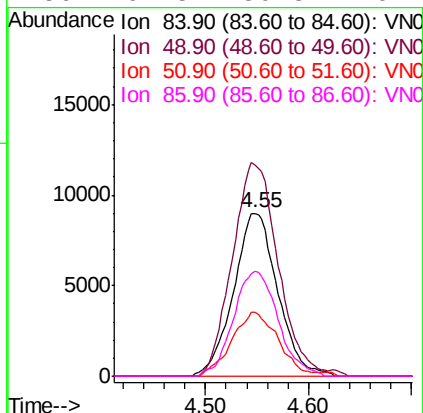
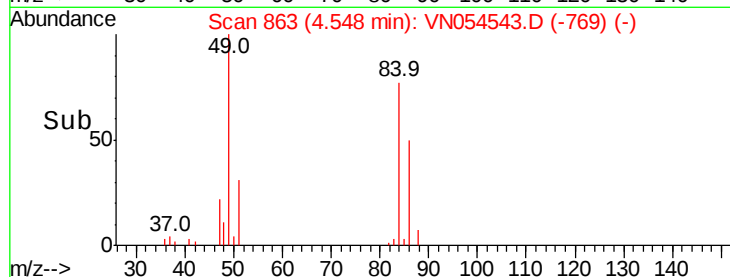
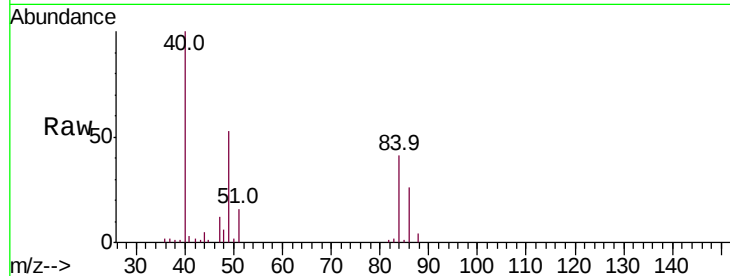




#20
Methylene Chloride
Concen: 3.896 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054543.D
Acq: 22 Mar 2019 6:52

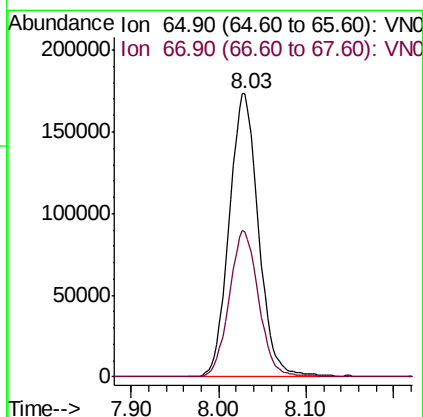
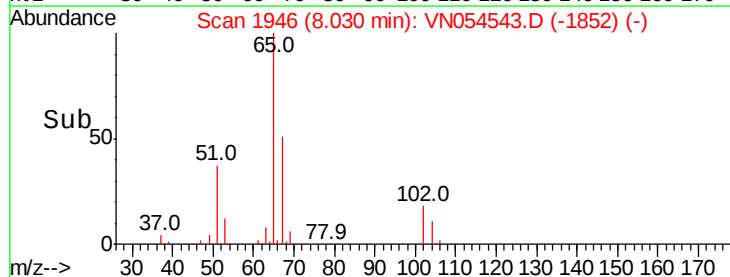
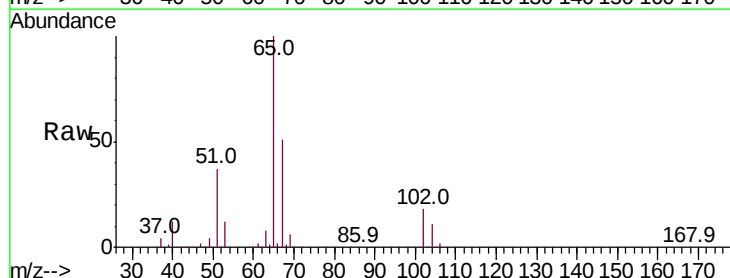
Instrument :
MSVOA_N
ClientSampleId :
S-2(30)

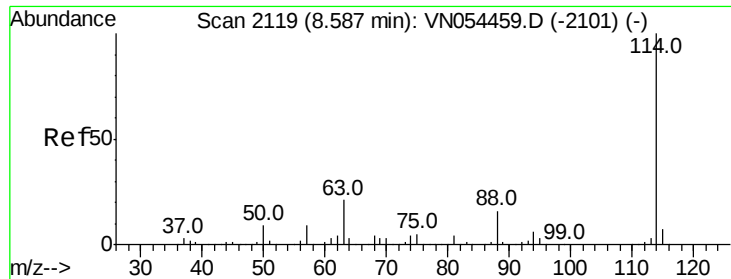
Tot Ion: 84 Resp: 26779
Ion Ratio Lower Upper
84 100
49 130.2 89.7 134.5
51 39.8 28.2 42.4
86 64.5 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 51.981 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054543.D
Acq: 22 Mar 2019 6:52

Tgt Ion: 65 Resp: 403153
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6

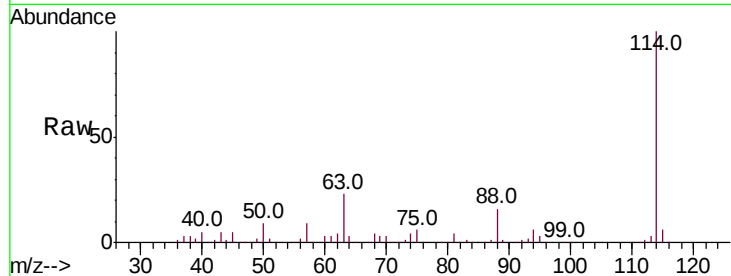




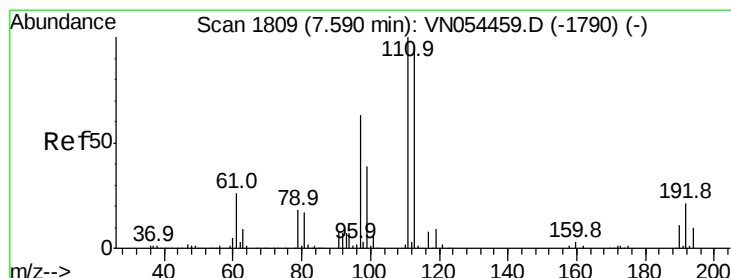
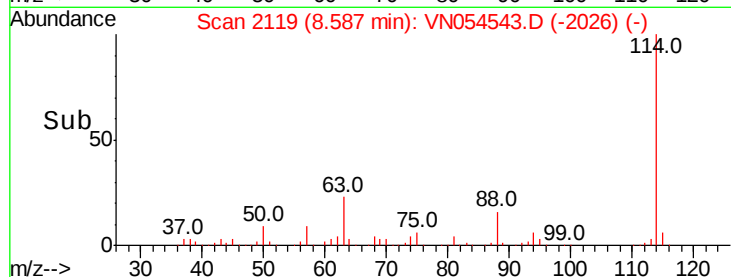
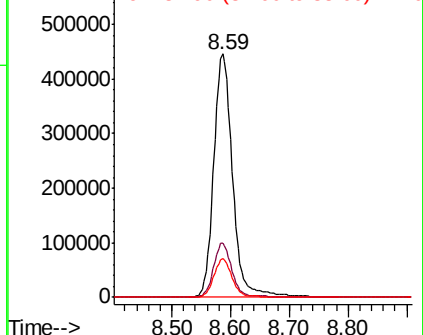
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054543.D
 Acq: 22 Mar 2019 6:52

Instrument :
 MSVOA_N
 ClientSampleId :
 S-2(30)

Tot Ion:	114	Resp:	995502
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	35.2
88	15.9	0.0	30.2

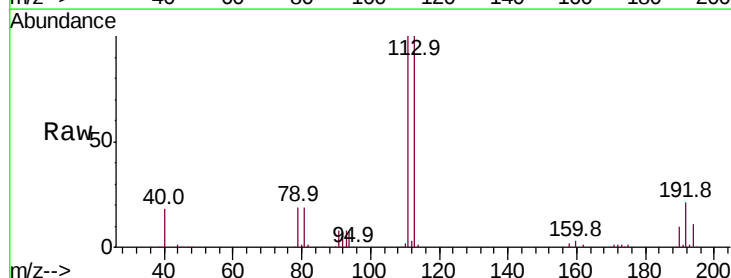


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

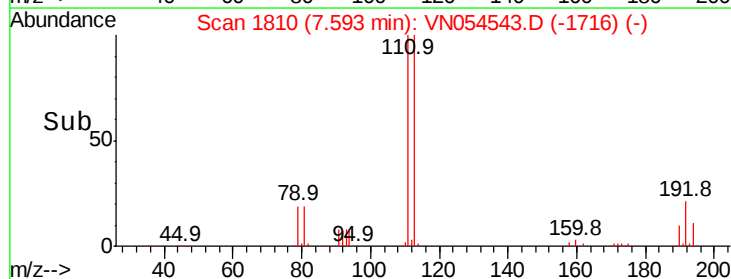
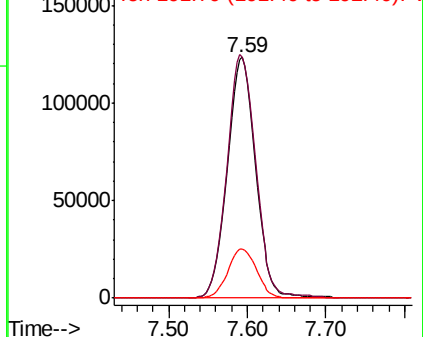


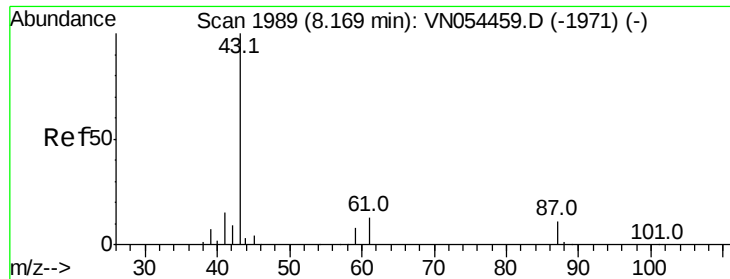
#35
 Dibromofluoromethane
 Concen: 48.085 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054543.D
 Acq: 22 Mar 2019 6:52

Tgt Ion:	113	Resp:	308391
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	20.9	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: 1.642 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054543.D

Acq: 22 Mar 2019 6:52

Instrument :

MSVOA_N

ClientSampleId :

S-2(30)

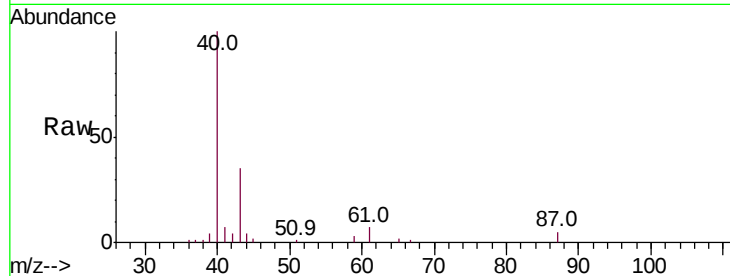
Tot Ion: 43 Resp: 18363

Ion Ratio Lower Upper

43 100

61 19.9 15.8 23.8

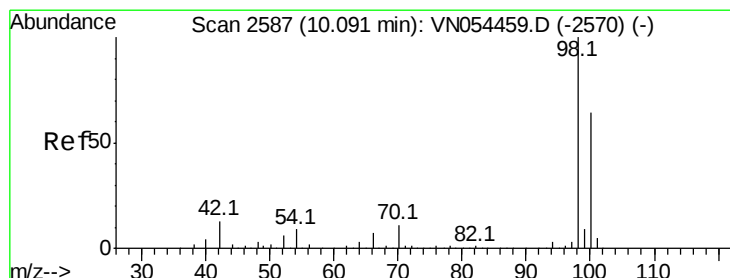
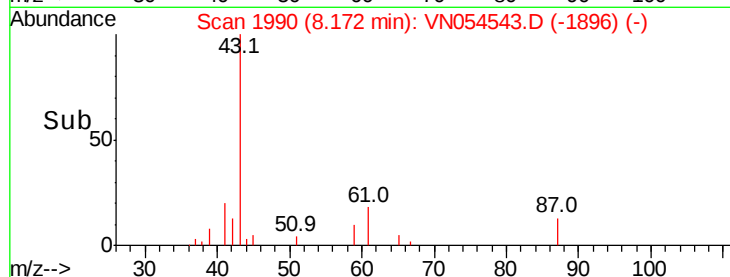
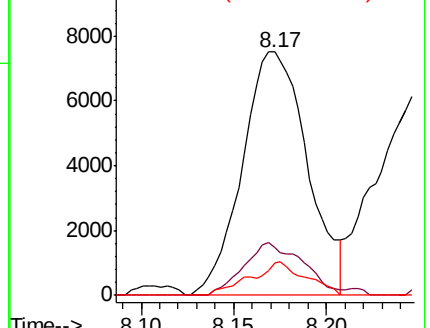
87 11.5 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054459.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054459.D (-1971) (-)



#50

Toluene-d8

Concen: 48.255 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054543.D

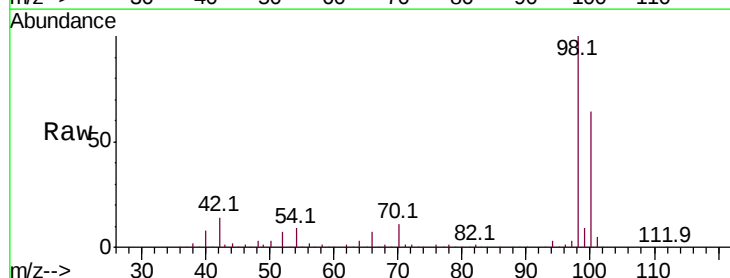
Acq: 22 Mar 2019 6:52

Tgt Ion: 98 Resp: 1163465

Ion Ratio Lower Upper

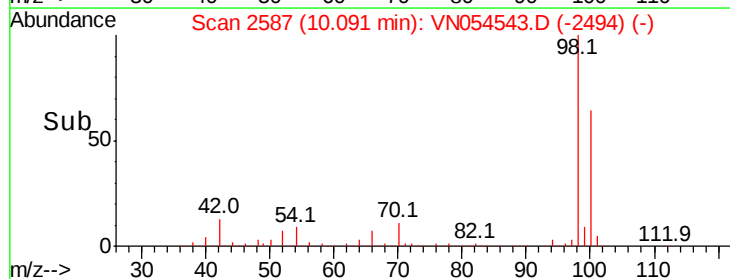
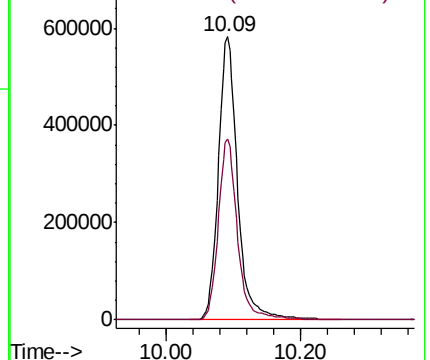
98 100

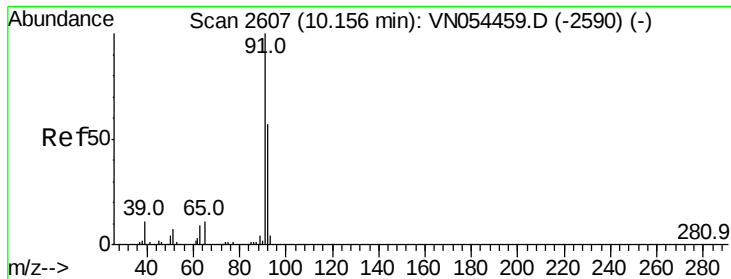
100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)





#52

Toluene

Concen: 0.659 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054543.D

Acq: 22 Mar 2019 6:52

Instrument :

MSVOA_N

ClientSampled :

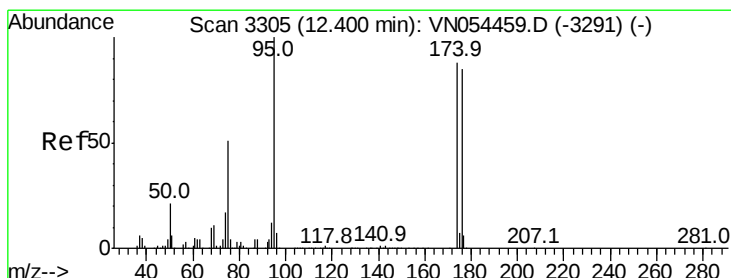
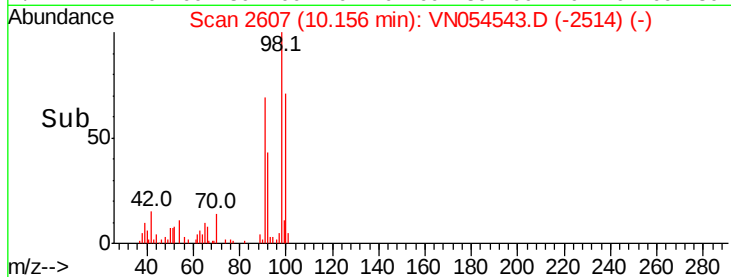
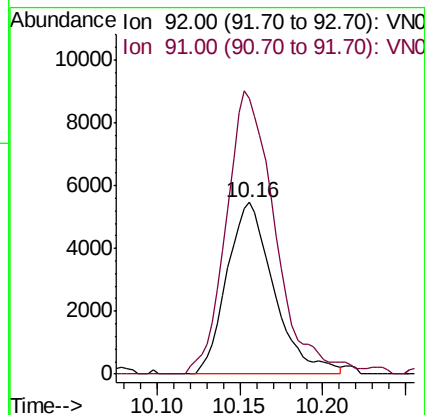
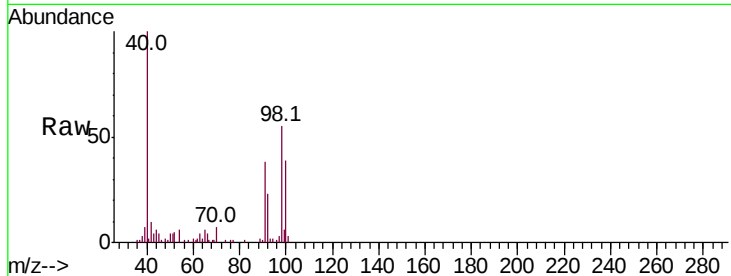
S-2(30)

Tot Ion: 92 Resp: 10786

Ion Ratio Lower Upper

92 100

91 171.5 140.7 211.1



#62

4-Bromofluorobenzene

Concen: 40.565 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054543.D

Acq: 22 Mar 2019 6:52

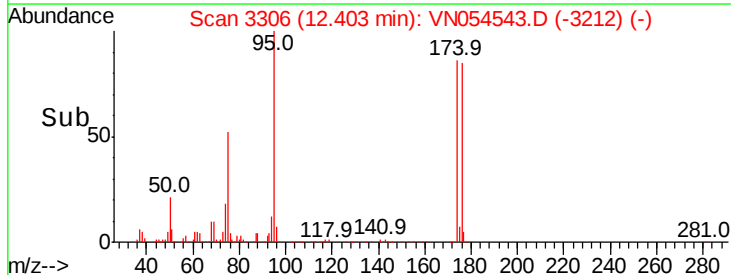
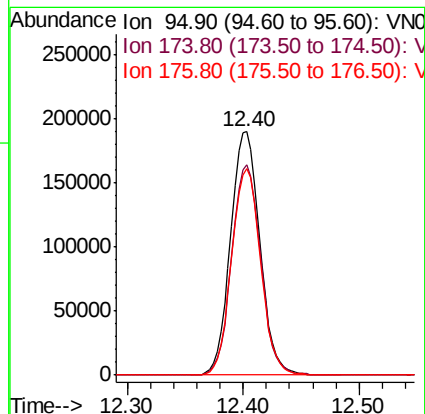
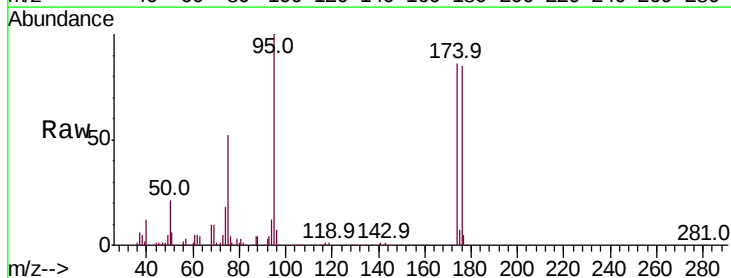
Tgt Ion: 95 Resp: 332820

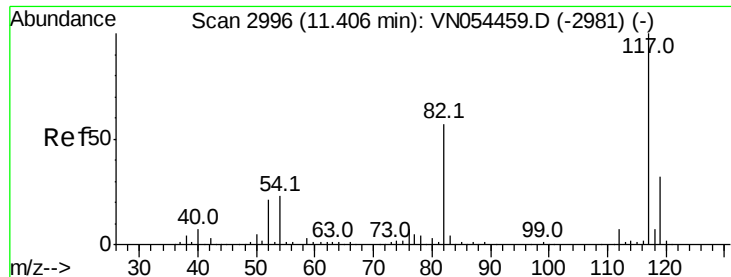
Ion Ratio Lower Upper

95 100

174 85.6 0.0 191.0

176 84.1 0.0 187.4

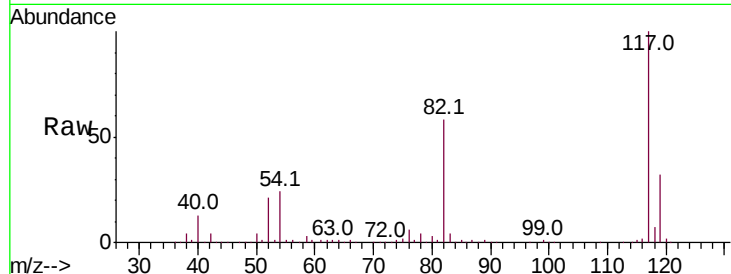




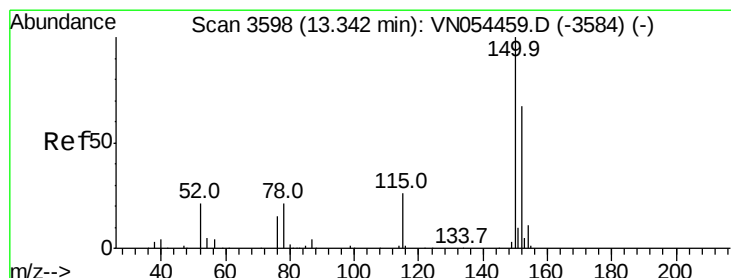
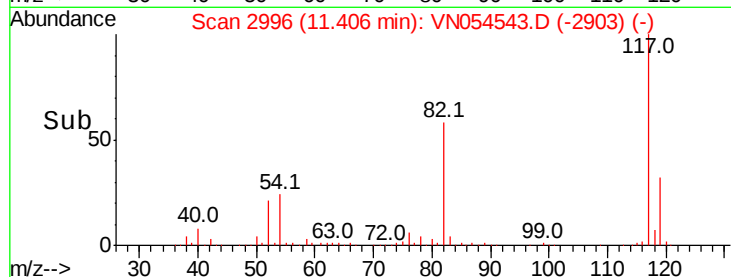
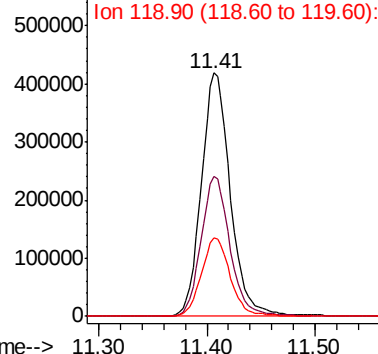
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054543.D
Acq: 22 Mar 2019 6:52

Instrument :
MSVOA_N
ClientSampled :
S-2(30)

Tot Ion:117 Resp: 784447
Ion Ratio Lower Upper
117 100
82 57.7 40.0 60.0
119 32.1 25.8 38.6

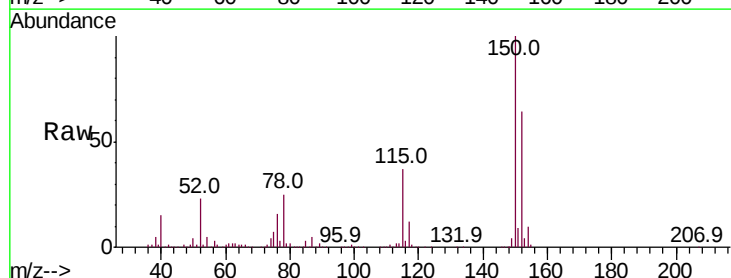


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054543.D
Acq: 22 Mar 2019 6:52

Tgt Ion:152 Resp: 268947
Ion Ratio Lower Upper
152 100
115 58.0 27.2 81.6
150 157.3 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

