

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053805.D
 Acq On : 15 Feb 2019 17:32
 Operator : JC/SP
 Sample : K1346-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-021419-C

Quant Time: Feb 16 00:07:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

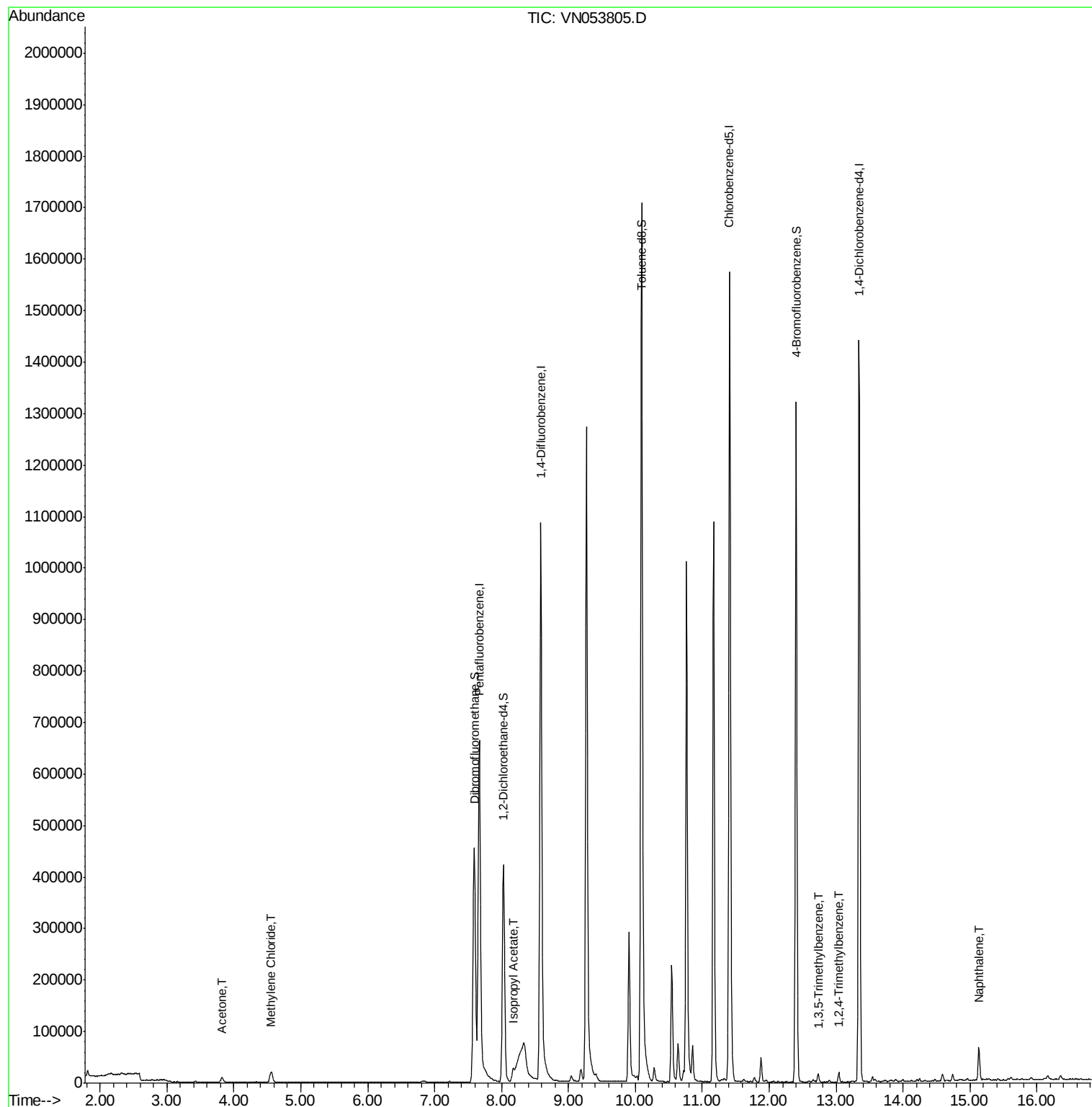
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	688340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1135946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1067252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	431376	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	364164	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
35) Dibromofluoromethane	7.59	113	361317	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.09	98	1393771	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.40	95	455281	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
Target Compounds						
16) Acetone	3.82	43	16859	9.518	ug/l	97
20) Methylene Chloride	4.55	84	17121	2.304	ug/l	98
43) Isopropyl Acetate	8.17	43	30286	2.742	ug/l #	81
80) 1,3,5-Trimethylbenzene	12.73	105	8832	0.351	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	12550	0.490	ug/l	95
95) Naphthalene	15.13	128	59597	4.772	ug/l	99

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

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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: VN053805.D

Acq: 15 Feb 2019 17:32

Instrument :

MSVOA_N

ClientSampleId :

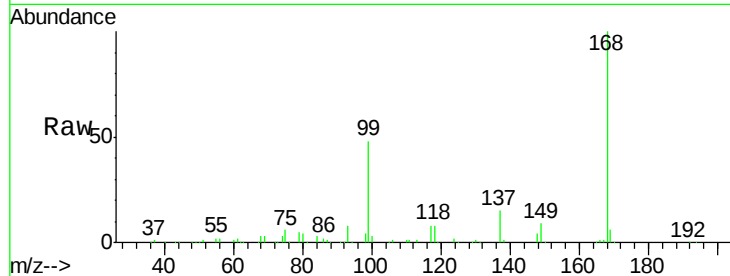
CL-01-021419-C

Tot Ion:168 Resp: 688340

Ion Ratio Lower Upper

168 100

99 47.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

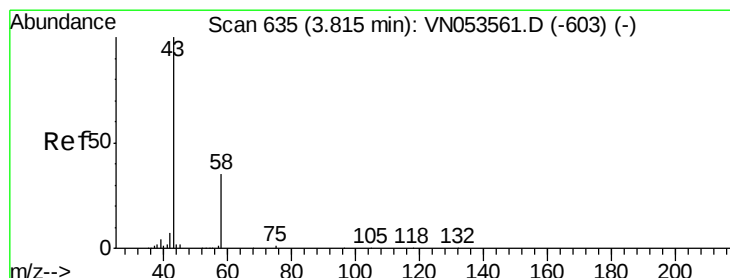
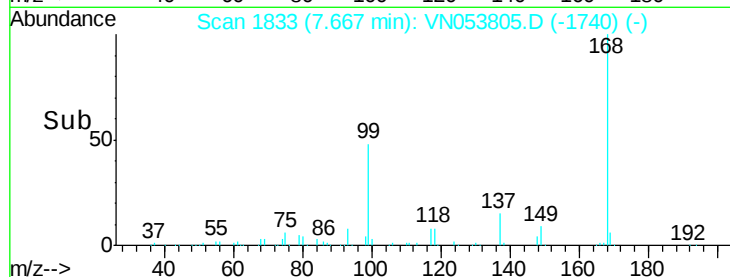
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 9.518 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053805.D

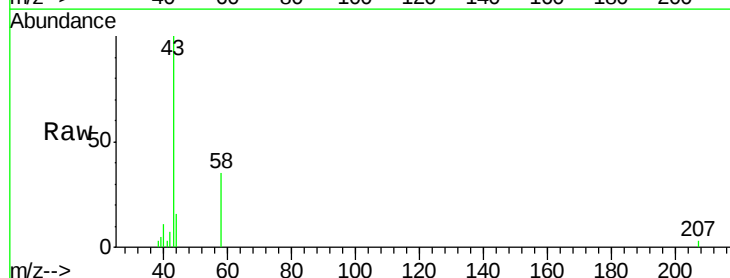
Acq: 15 Feb 2019 17:32

Tgt Ion: 43 Resp: 16859

Ion Ratio Lower Upper

43 100

58 35.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

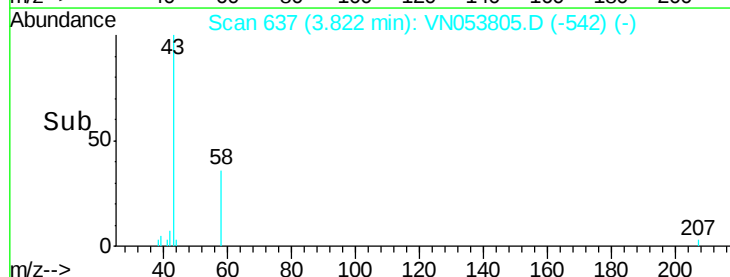
6000

4000

2000

0

Time--> 3.70 3.80 3.90

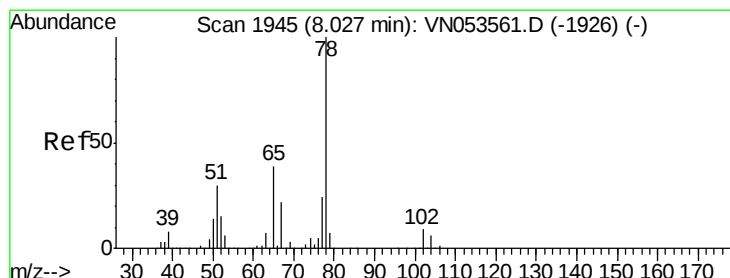
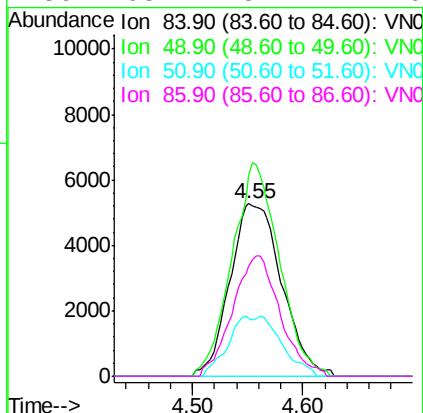
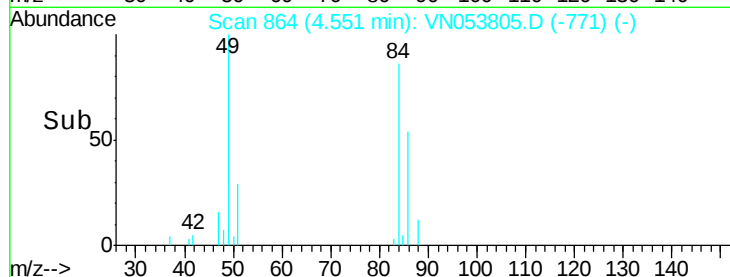
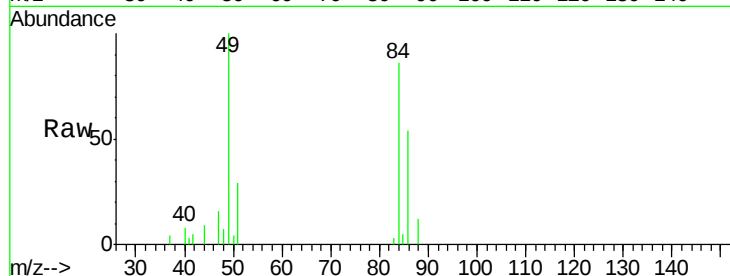




#20
Methvlene Chloride
Concen: 2.304 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053805.D
Acq: 15 Feb 2019 17:32

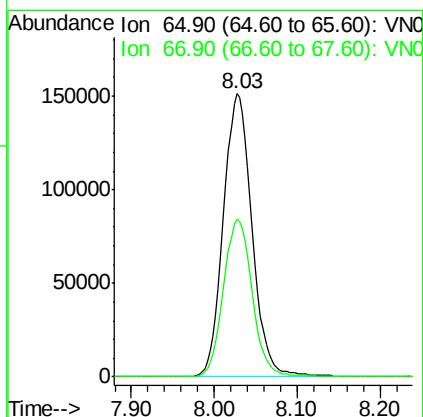
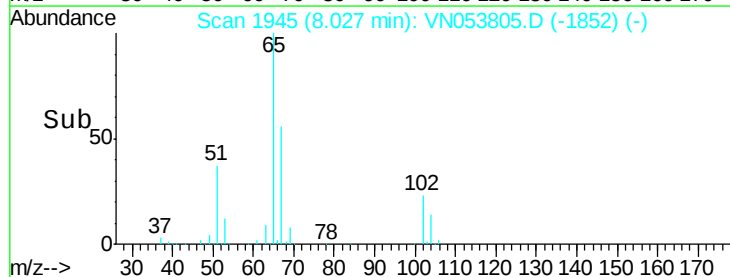
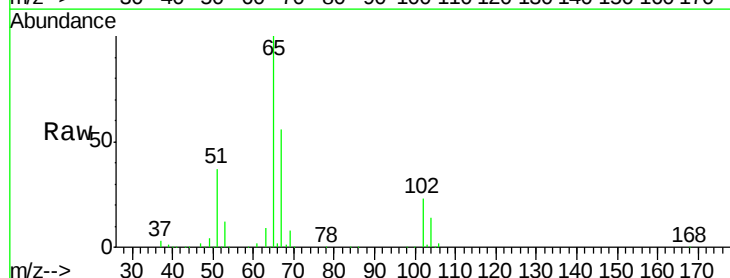
Instrument :
MSVOA_N
ClientSampleId :
CL-01-021419-C

Tot Ion: 84 Resp: 17121
Ion Ratio Lower Upper
84 100
49 116.6 94.3 141.5
51 33.5 29.4 44.2
86 63.4 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 52.736 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053805.D
Acq: 15 Feb 2019 17:32

Tgt Ion: 65 Resp: 364164
Ion Ratio Lower Upper
65 100
67 56.0 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053805.D

Acq: 15 Feb 2019 17:32

Instrument :

MSVOA_N

ClientSampleId :

CL-01-021419-C

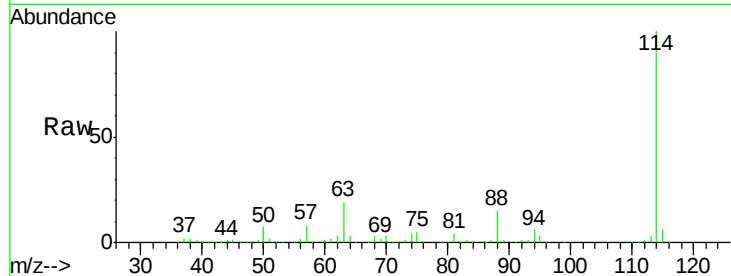
Tot Ion:114 Resp: 1135946

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

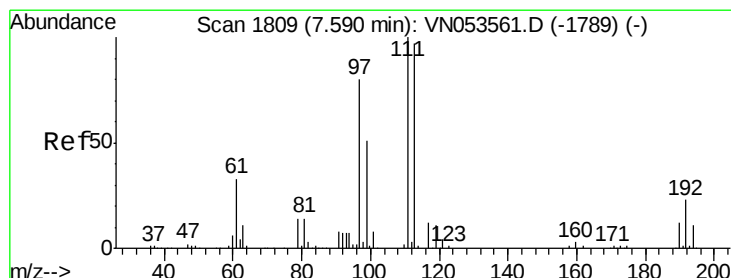
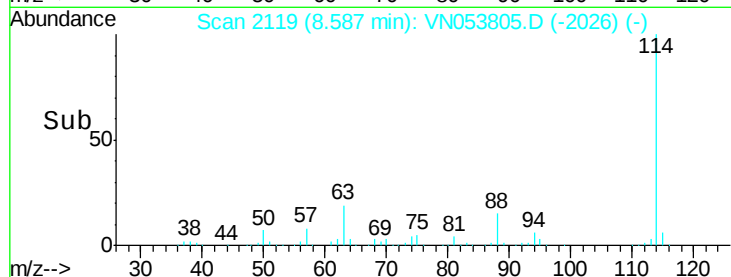
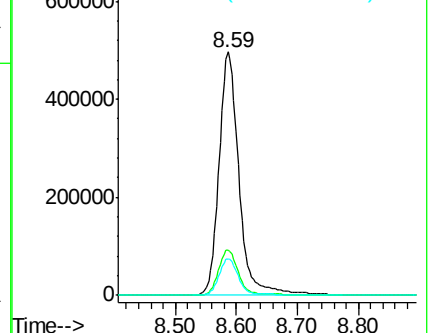
88 15.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.339 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053805.D

Acq: 15 Feb 2019 17:32

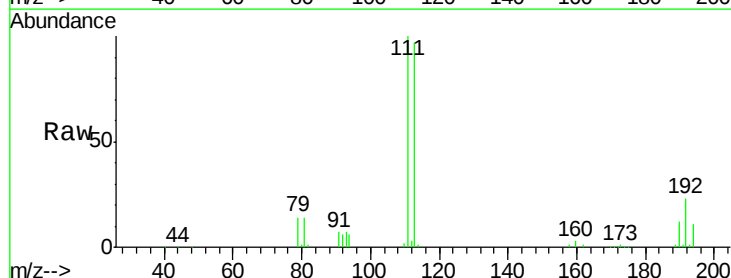
Tgt Ion:113 Resp: 361317

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

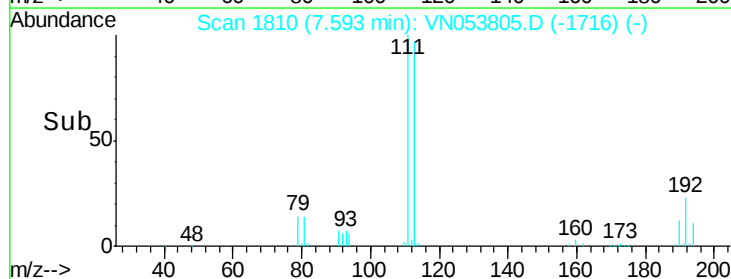
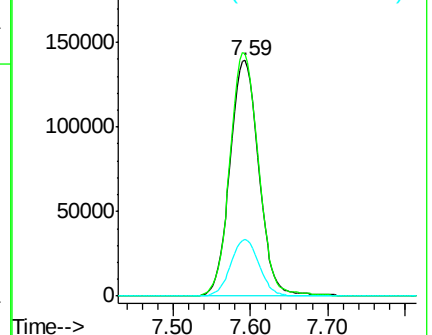
192 23.6 18.2 27.2

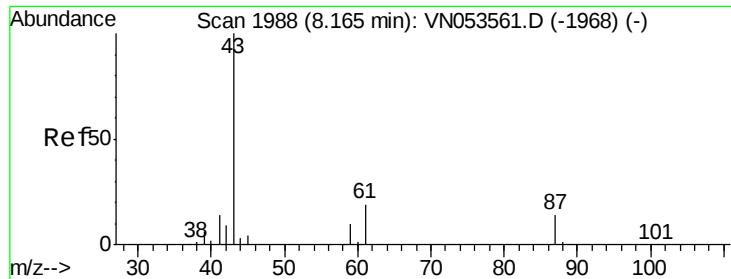


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.742 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053805.D

Acq: 15 Feb 2019 17:32

Instrument :

MSVOA_N

ClientSampleId :

CL-01-021419-C

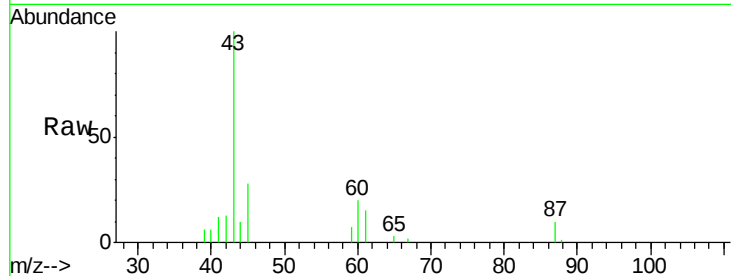
Tot Ion: 43 Resp: 30286

Ion Ratio Lower Upper

43 100

61 17.0 23.9 35.9#

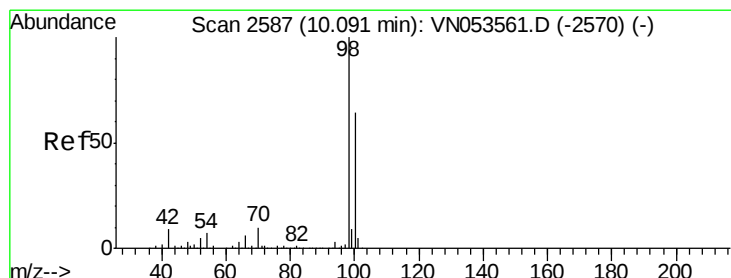
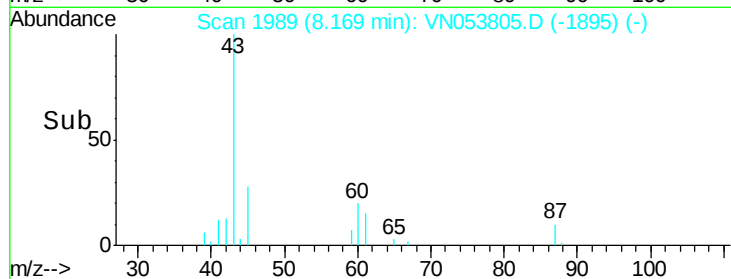
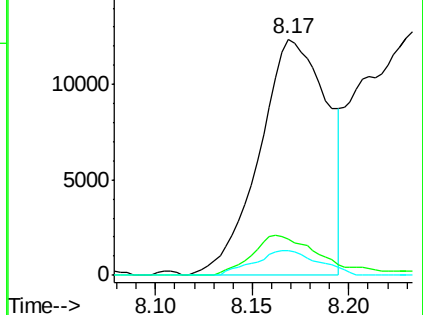
87 9.8 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053561.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053561.D (-1968) (-)



#50

Toluene-d8

Concen: 51.715 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053805.D

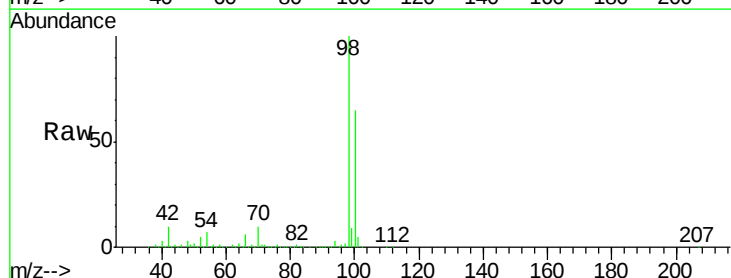
Acq: 15 Feb 2019 17:32

Tgt Ion: 98 Resp: 1393771

Ion Ratio Lower Upper

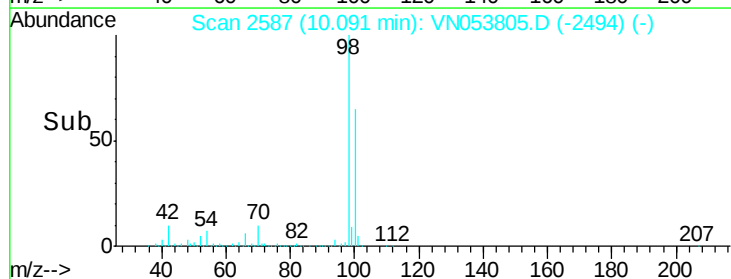
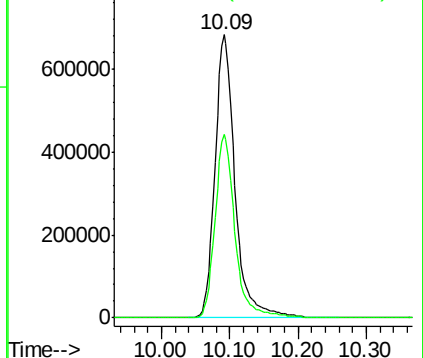
98 100

100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053561.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 50.651 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053805.D

Acq: 15 Feb 2019 17:32

Instrument :

MSVOA_N

ClientSampled :

CL-01-021419-C

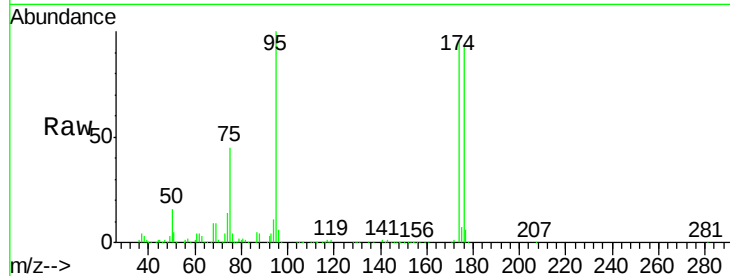
Tot Ion: 95 Resp: 455281

Ion Ratio Lower Upper

95 100

174 96.1 0.0 183.2

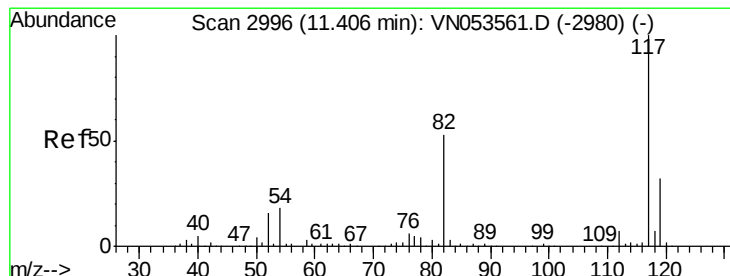
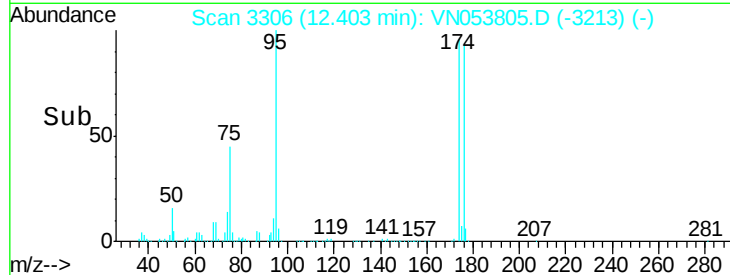
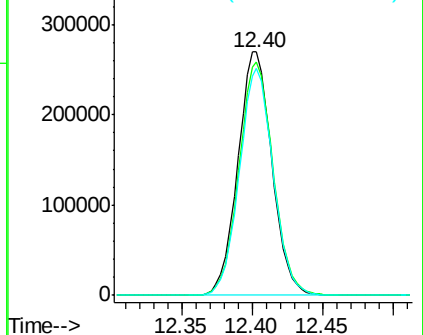
176 92.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053805.D

Acq: 15 Feb 2019 17:32

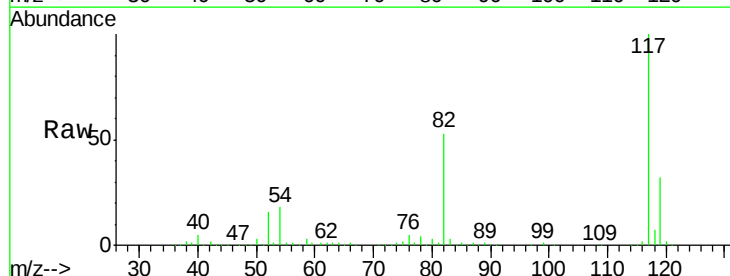
Tgt Ion: 117 Resp: 1067252

Ion Ratio Lower Upper

117 100

82 52.6 42.9 64.3

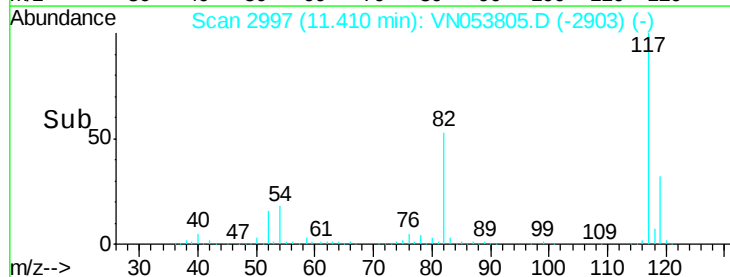
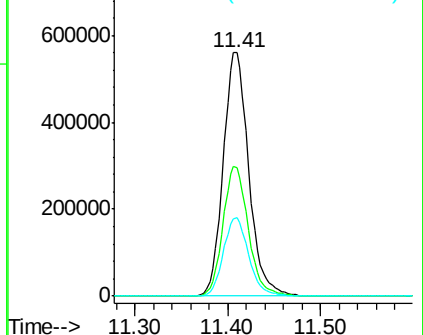
119 32.0 26.0 39.0

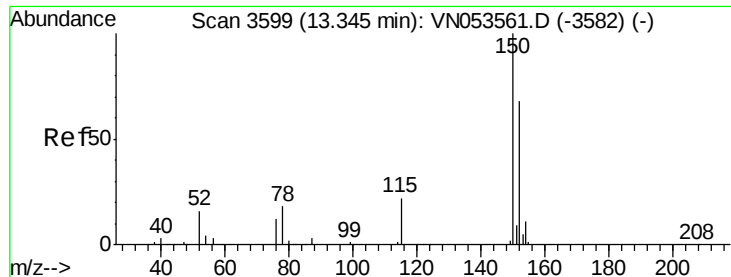


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053805.D

Acq: 15 Feb 2019 17:32

Instrument :

MSVOA_N

ClientSampleId :

CL-01-021419-C

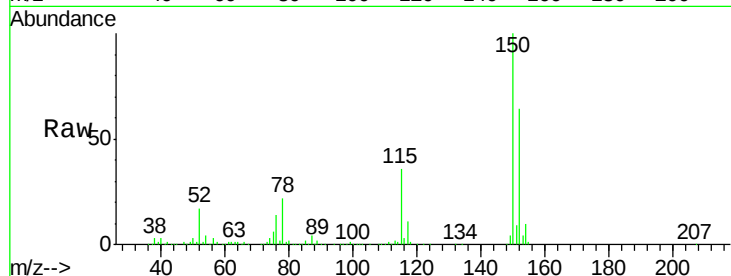
Tot Ion:152 Resp: 431376

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

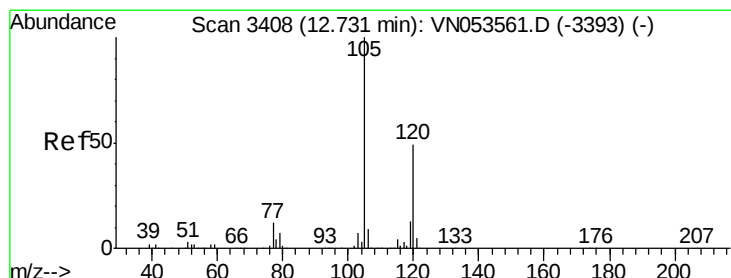
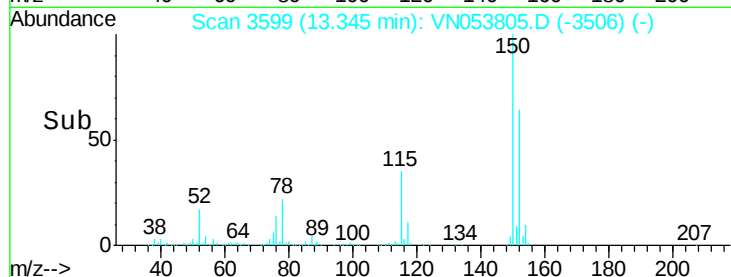
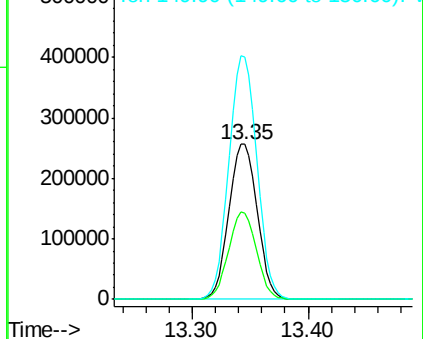
150 155.8 0.0 349.0



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



#80

1,3,5-Trimethylbenzene

Concen: 0.351 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053805.D

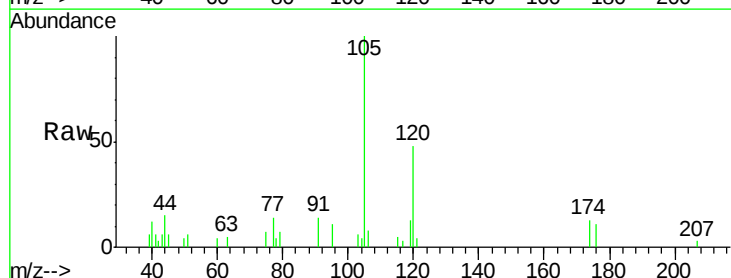
Acq: 15 Feb 2019 17:32

Tgt Ion:105 Resp: 8832

Ion Ratio Lower Upper

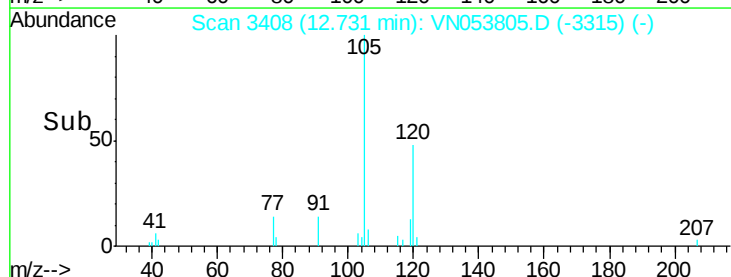
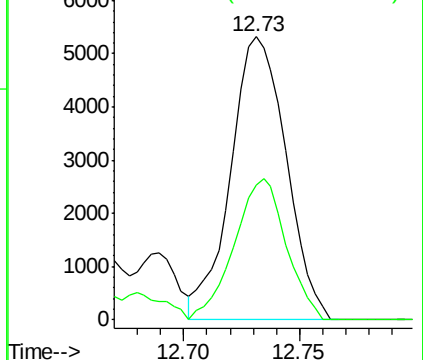
105 100

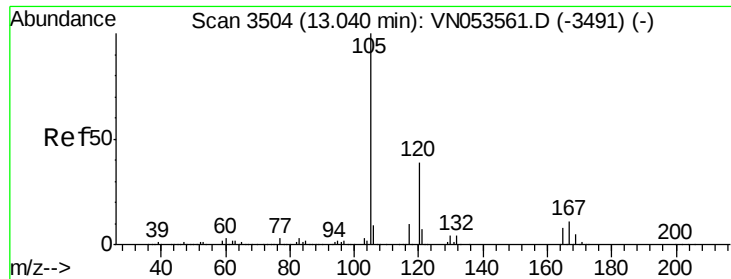
120 46.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

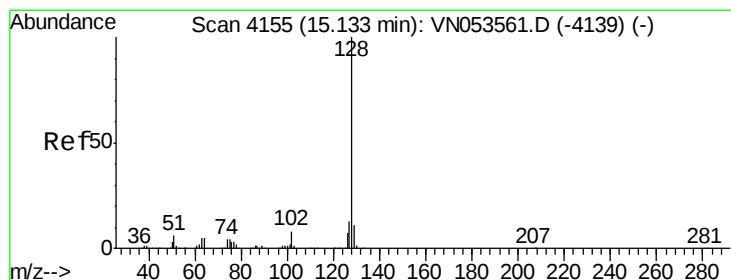
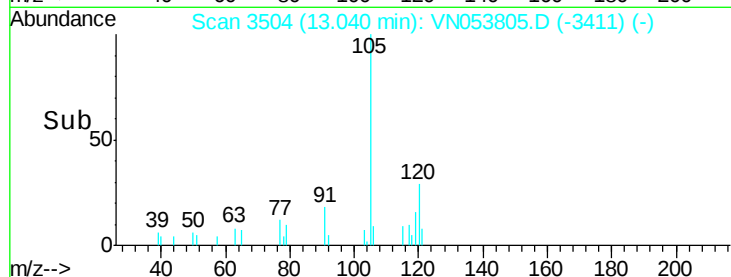
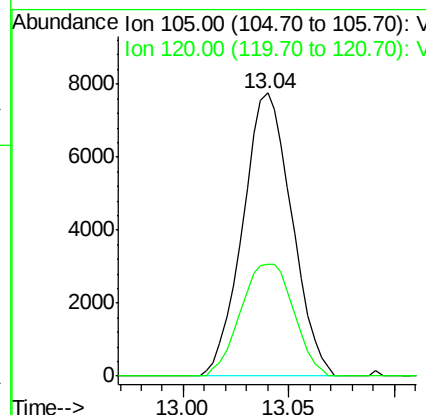
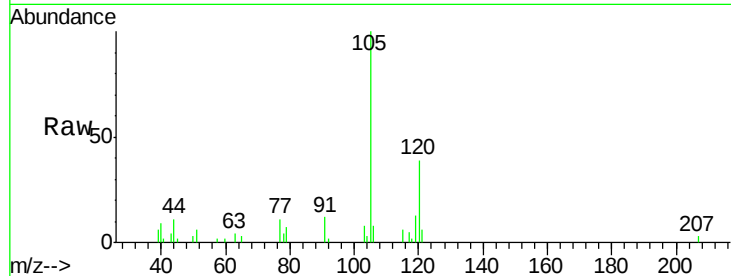




#84
 1,2,4-Trimethylbenzene
 Concen: 0.490 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053805.D
 Acq: 15 Feb 2019 17:32

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-021419-C

Tot Ion:105 Resp: 12550
 Ion Ratio Lower Upper
 105 100
 120 42.7 23.0 69.0



#95
 Naphthalene
 Concen: 4.772 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053805.D
 Acq: 15 Feb 2019 17:32

Tgt Ion:128 Resp: 59597
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.3 15.5
 129 10.4 8.6 13.0

