

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020519\
 Data File : VN053613.D
 Acq On : 5 Feb 2019 12:15
 Operator : JC/SP
 Sample : K1346-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-A

Quant Time: Feb 06 04:05:00 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

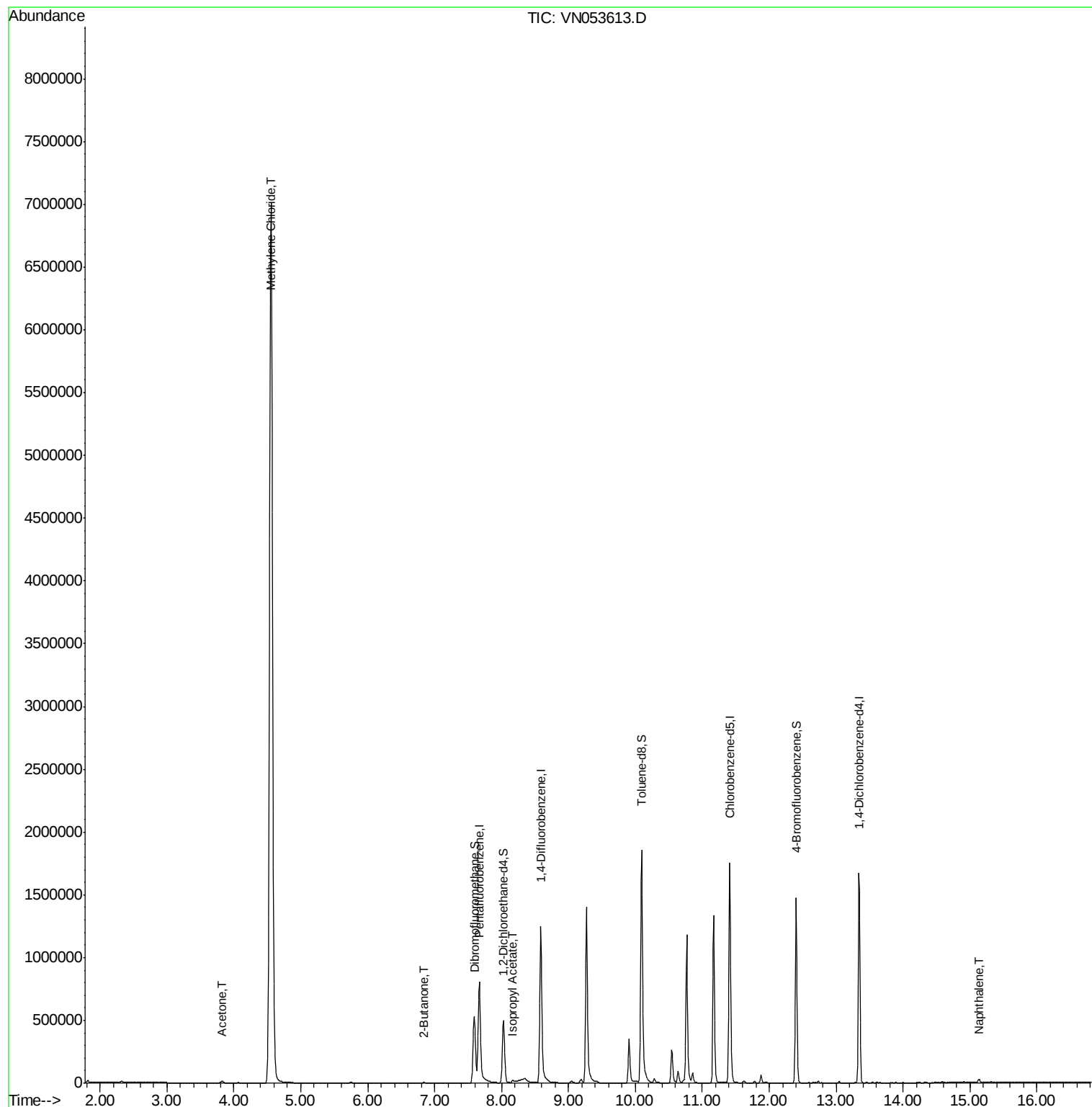
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	824492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1315469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1187374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	492523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	423141	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
35) Dibromofluoromethane	7.59	113	410476	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	10.09	98	1574507	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.40	95	520166	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
Target Compounds						
16) Acetone	3.82	43	29235	13.780	ug/l	99
20) Methylene Chloride	4.55	84	5619359	631.321	ug/l	99
25) 2-Butanone	6.85	43	5328	1.761	ug/l	90
43) Isopropyl Acetate	8.17	43	29727	2.324	ug/l #	85
95) Naphthalene	15.13	128	22850	2.756	ug/l	99

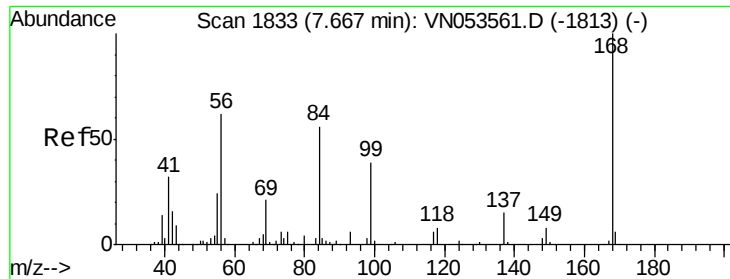
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053613.D

Acq: 5 Feb 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

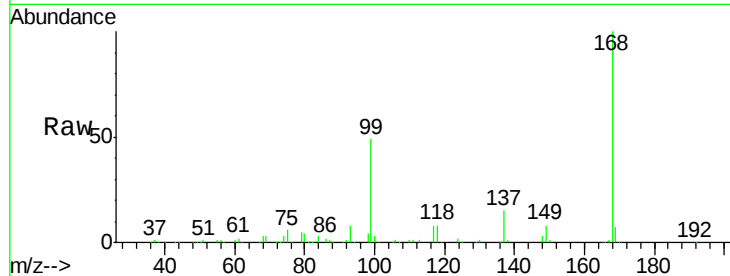
CL-02-020419-A

Tot Ion:168 Resp: 824492

Ion Ratio Lower Upper

168 100

99 49.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

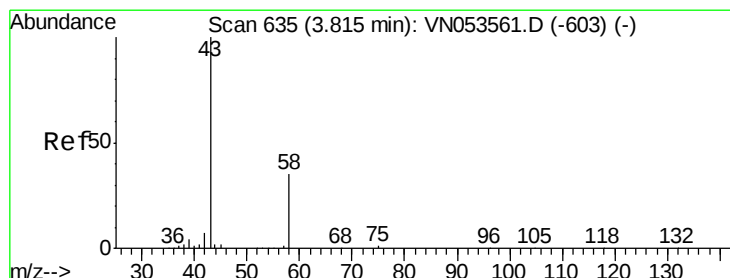
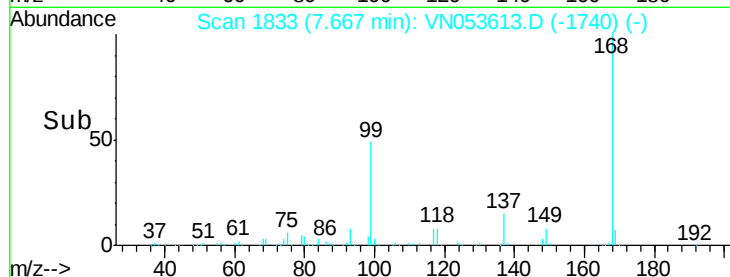
200000

100000

0

Time-->

7.60 7.80 8.00



#16

Acetone

Concen: 13.780 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053613.D

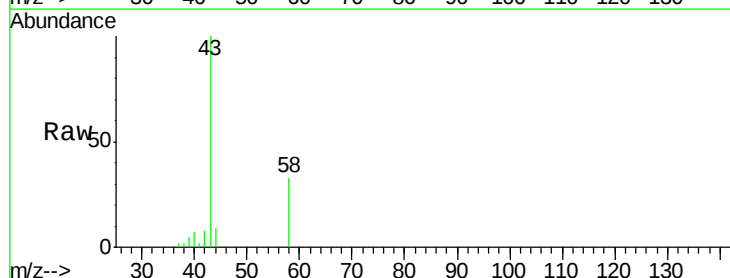
Acq: 5 Feb 2019 12:15

Tgt Ion: 43 Resp: 29235

Ion Ratio Lower Upper

43 100

58 33.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

12000

10000

8000

6000

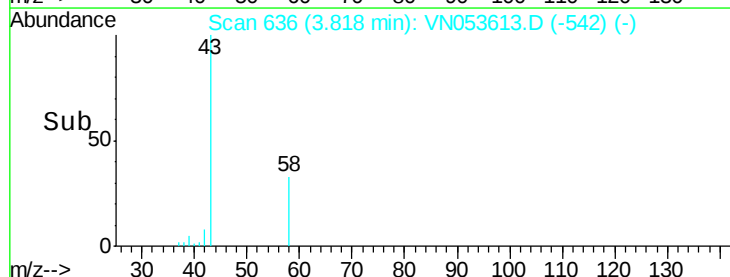
4000

2000

0

Time-->

3.70 3.80 3.90



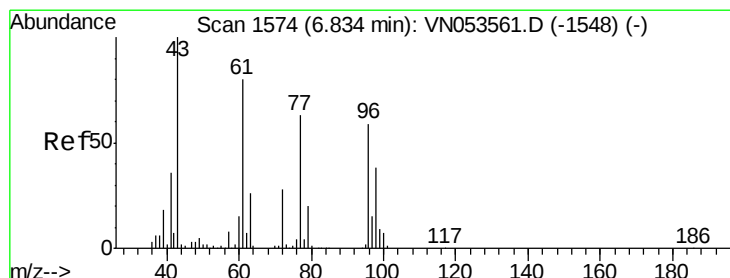
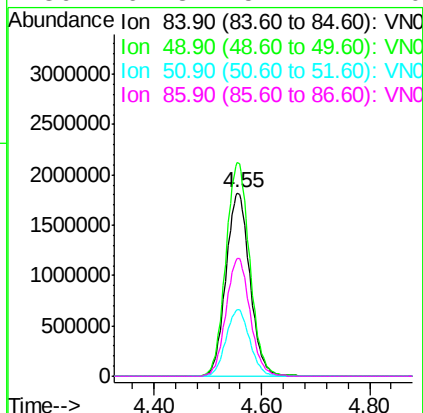
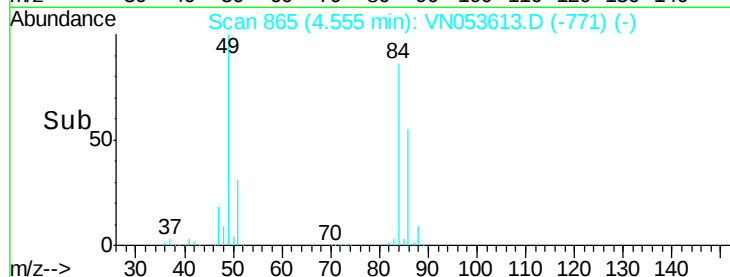
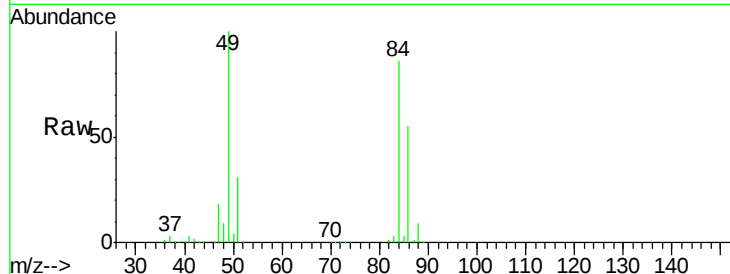


#20
Methvlene Chloride
Concen: 631.321 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

Instrument :
MSVOA_N
ClientSampleId :
CL-02-020419-A

Tot Ion: 84 Resp: 5619359

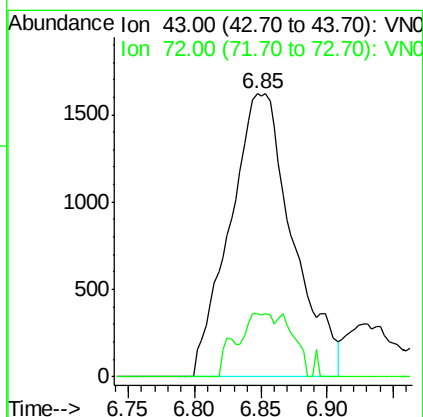
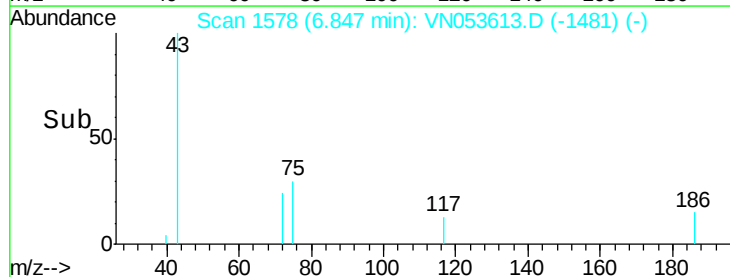
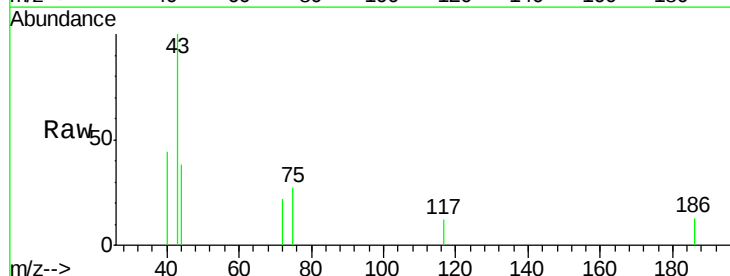
Ion	Ratio	Lower	Upper
84	100		
49	116.6	94.3	141.5
51	36.3	29.4	44.2
86	64.3	51.4	77.0

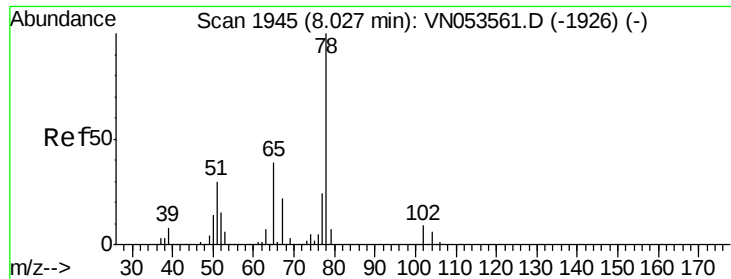


#25
2-Butanone
Concen: 1.761 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

Tgt Ion: 43 Resp: 5328

Ion	Ratio	Lower	Upper
43	100		
72	22.1	22.0	33.0





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053613.D

Acq: 5 Feb 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

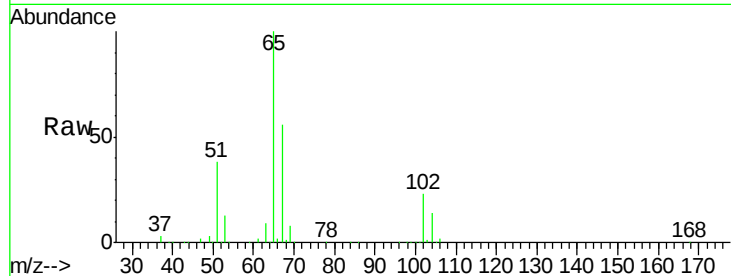
CL-02-020419-A

Tot Ion: 65 Resp: 423141

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053613.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053613.D (-1852) (-)

8.03

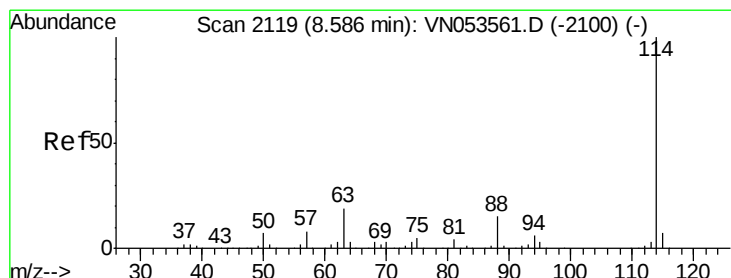
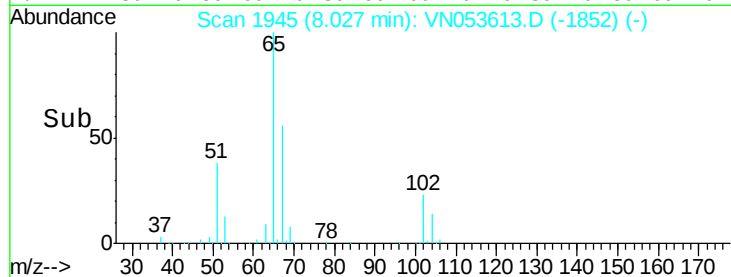
150000

100000

50000

0

Time--> 7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053613.D

Acq: 5 Feb 2019 12:15

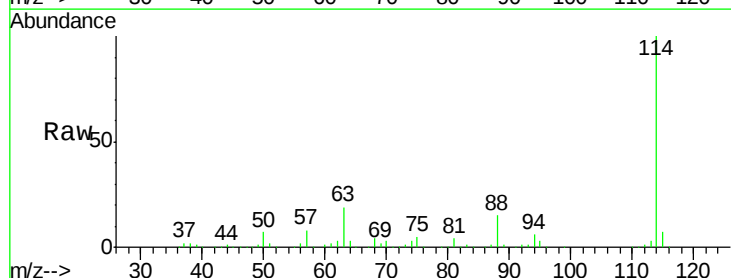
Tgt Ion: 114 Resp: 1315469

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053613.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053613.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053613.D (-2026) (-)

8.59

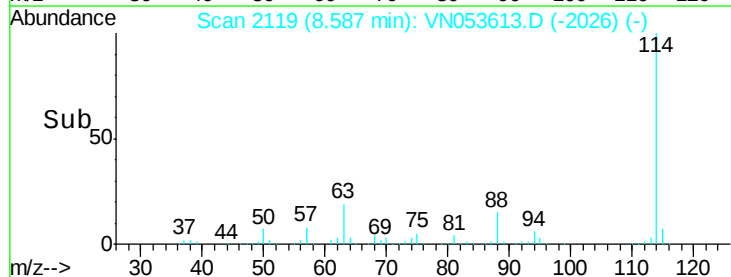
600000

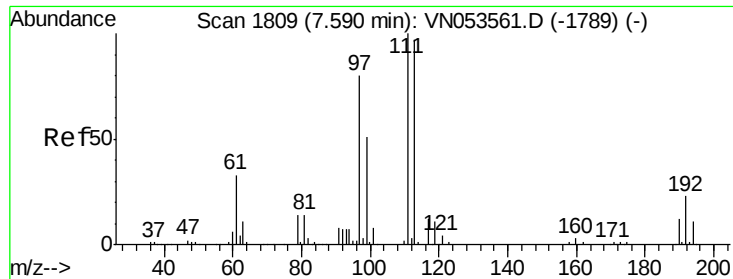
400000

200000

0

Time--> 8.40 8.60 8.80

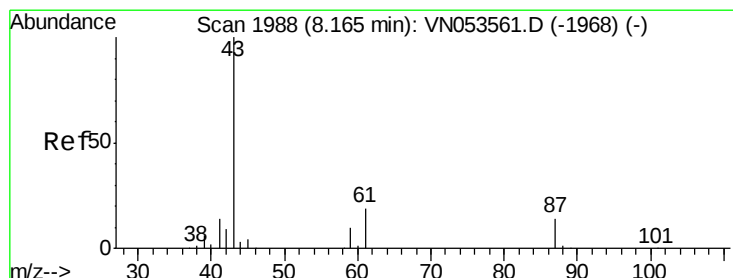
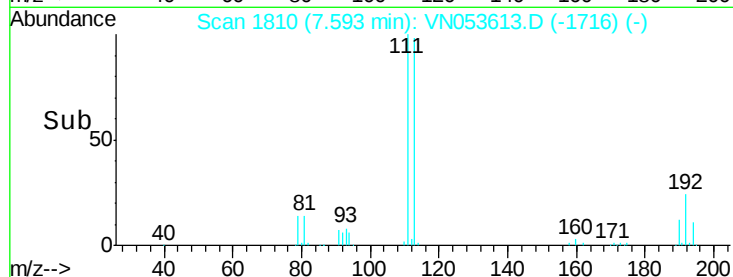
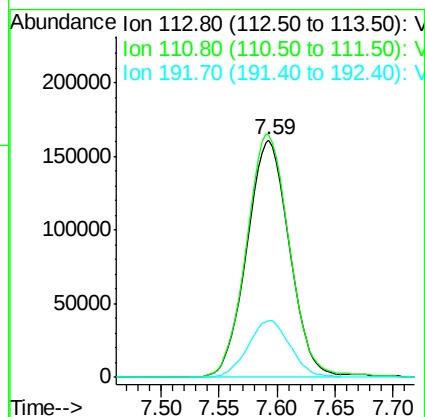
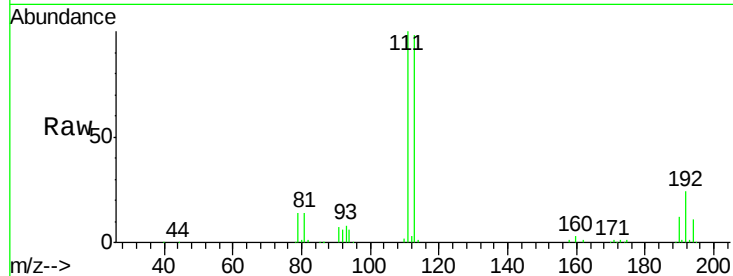




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053613.D
 Acq: 5 Feb 2019 12:15

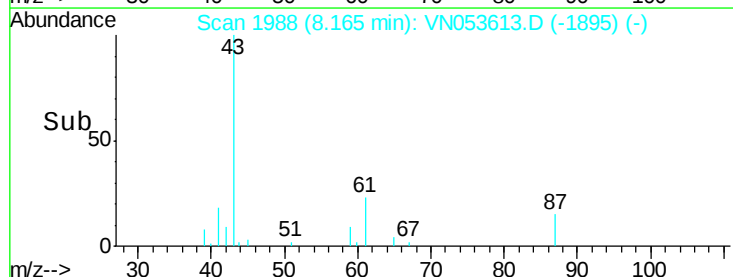
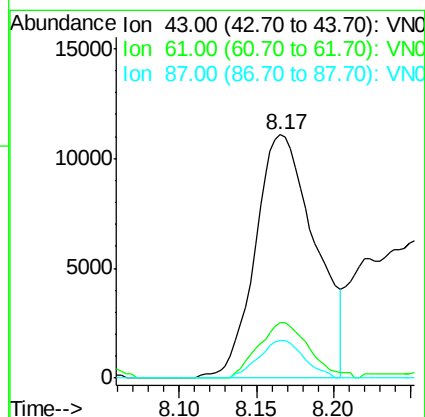
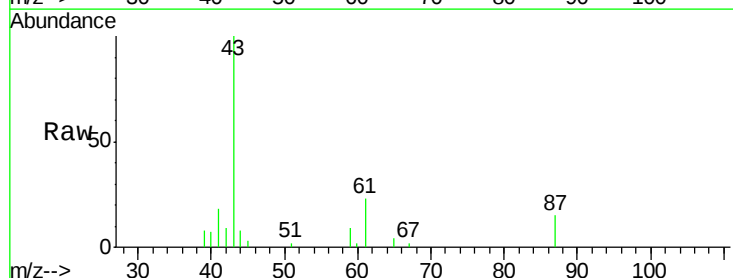
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-A

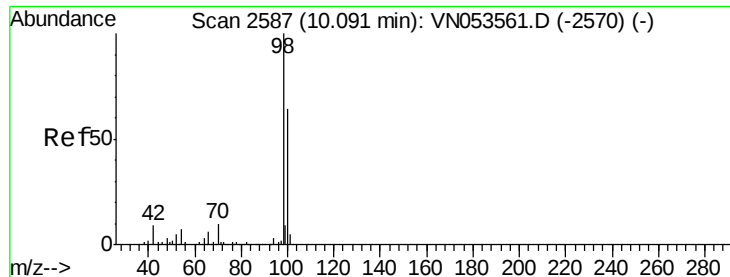
Tot Ion:113 Resp: 410476
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.1 121.7
 192 24.0 18.2 27.2



#43
 Isopropyl Acetate
 Concen: 2.324 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN053613.D
 Acq: 5 Feb 2019 12:15

Tgt Ion: 43 Resp: 29727
 Ion Ratio Lower Upper
 43 100
 61 19.3 23.9 35.9#
 87 11.8 11.0 16.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053613.D

Acq: 5 Feb 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

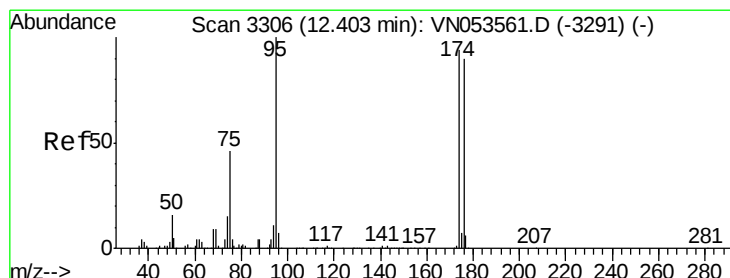
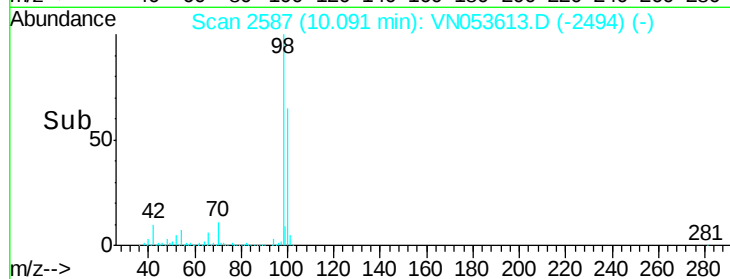
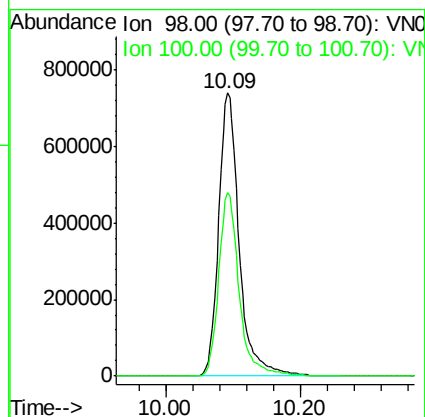
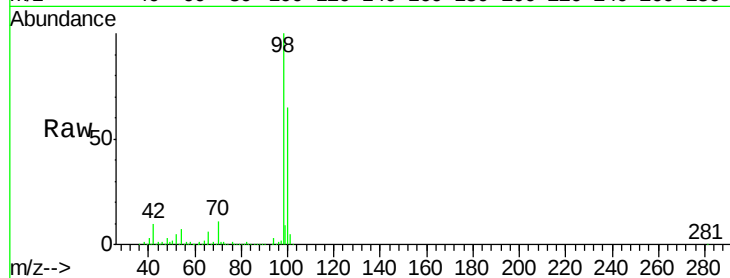
CL-02-020419-A

Tot Ion: 98 Resp: 1574507

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053613.D

Acq: 5 Feb 2019 12:15

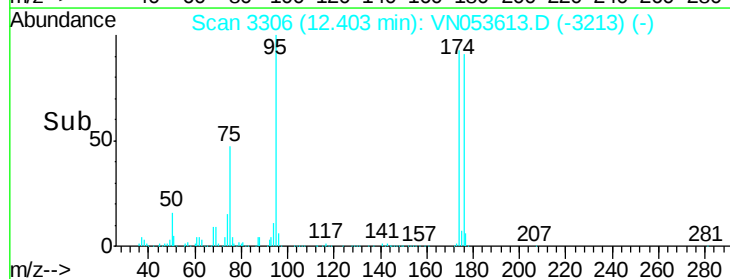
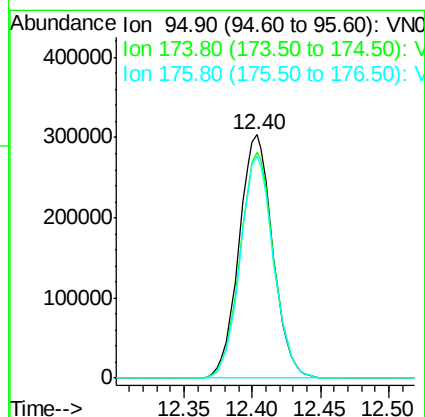
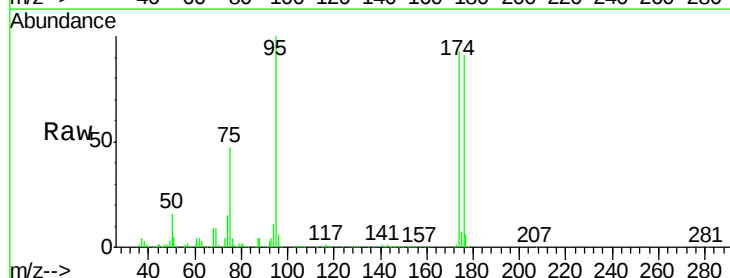
Tgt Ion: 95 Resp: 520166

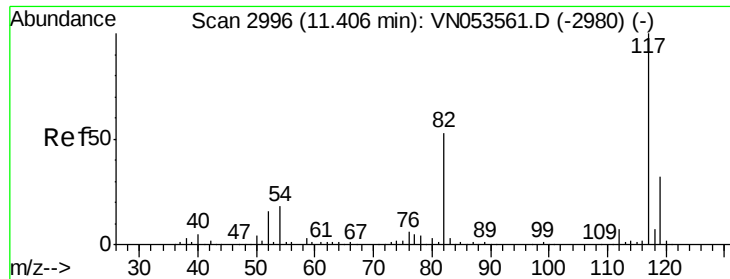
Ion Ratio Lower Upper

95 100

174 92.5 0.0 183.2

176 89.9 0.0 177.4

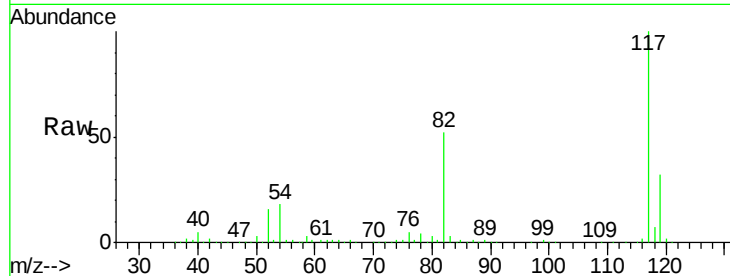




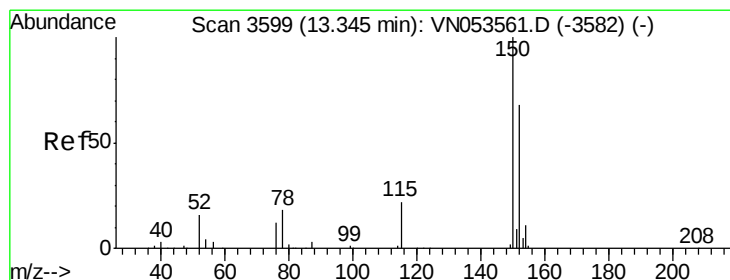
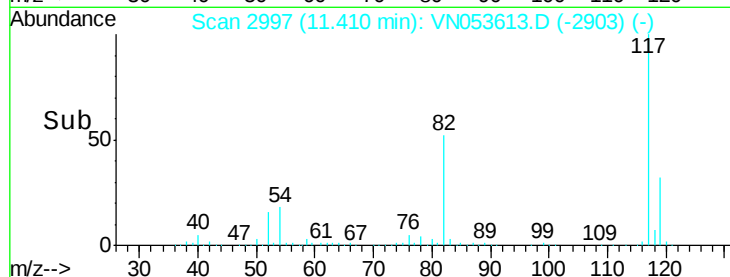
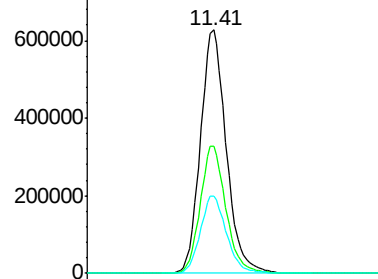
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

Instrument :
MSVOA_N
ClientSampleId :
CL-02-020419-A

Tot Ion:117 Resp: 1187374
Ion Ratio Lower Upper
117 100
82 52.2 42.9 64.3
119 32.0 26.0 39.0

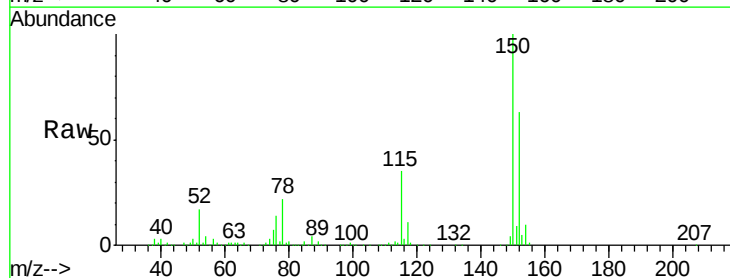


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

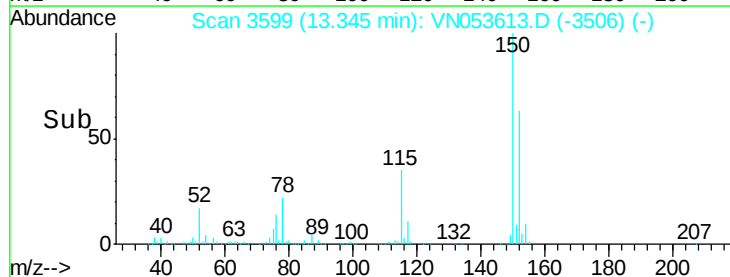
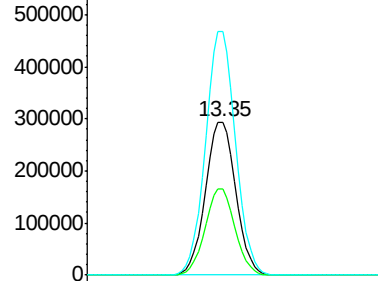


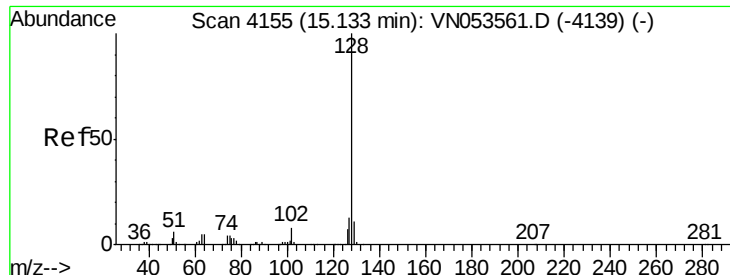
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

Tgt Ion:152 Resp: 492523
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 156.8 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





#95

Naphthalene

Concen: 2.756 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053613.D

Acq: 5 Feb 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

CL-02-020419-A

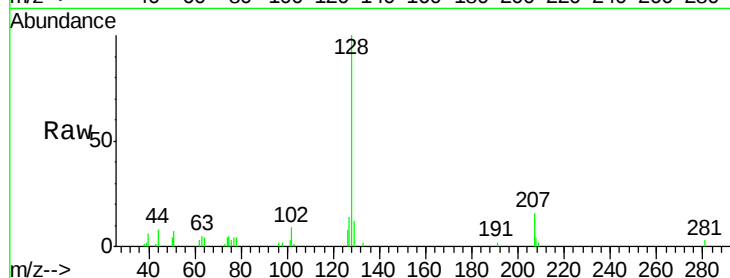
Tot Ion:128 Resp: 22850

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.9 8.6 13.0



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

