

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020519\
 Data File : VN053615.D
 Acq On : 5 Feb 2019 13:09
 Operator : JC/SP
 Sample : K1346-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

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

Quant Time: Feb 06 04:15:14 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	806982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1311547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1193065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	533022	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	422881	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
35) Dibromofluoromethane	7.59	113	416383	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
50) Toluene-d8	10.09	98	1581397	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.40	95	529671	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	

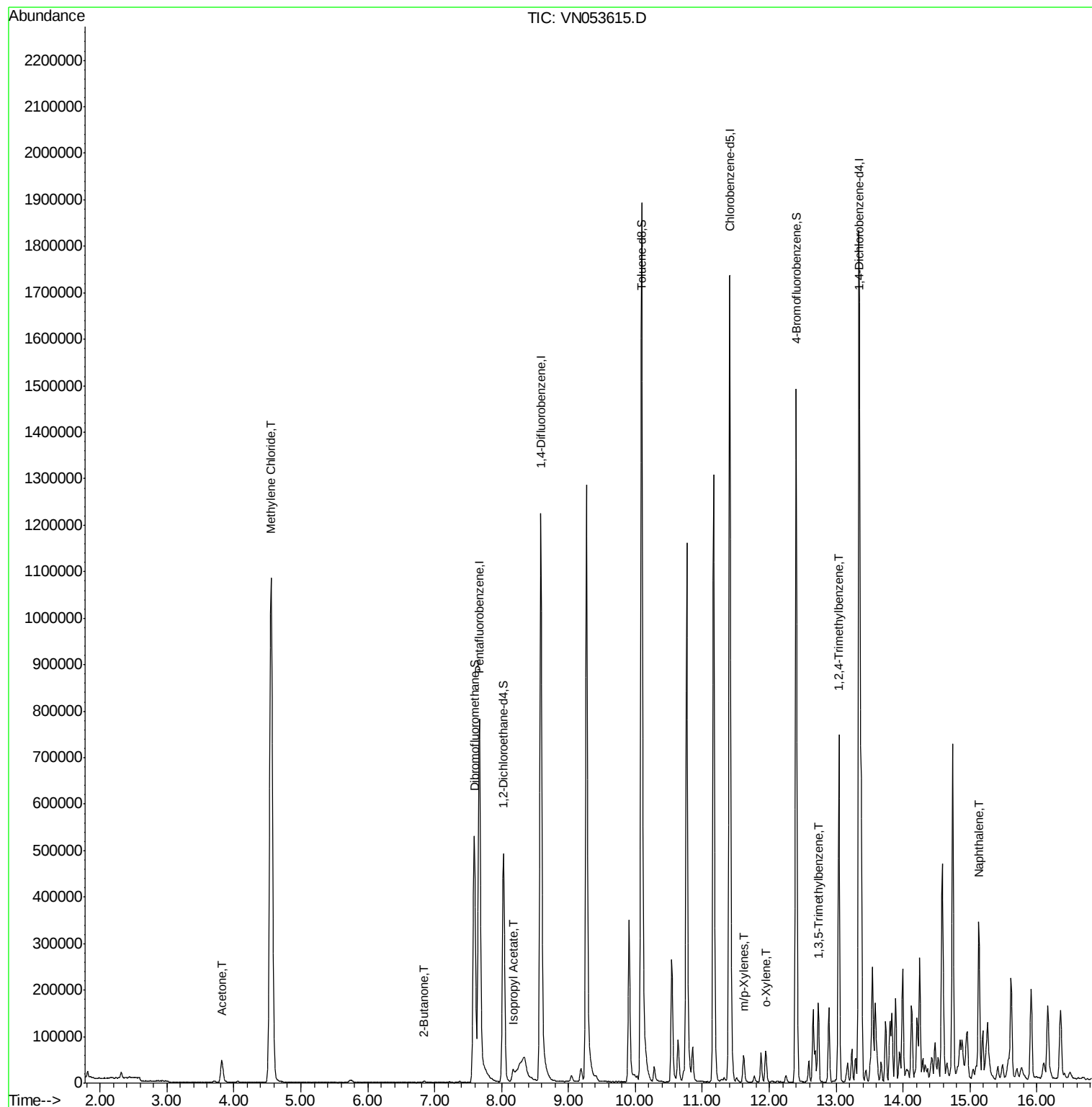
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	80794	38.908	ug/l	95
20) Methylene Chloride	4.55	84	868714	99.716	ug/l	98
25) 2-Butanone	6.84	43	4808	1.623	ug/l #	81
43) Isopropyl Acetate	8.17	43	39570	3.103	ug/l #	78
68) m/p-Xylenes	11.62	106	18569	1.169	ug/l	93
69) o-Xylene	11.95	106	19918	1.298	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	95278	3.066	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	430993	13.614	ug/l	99
95) Naphthalene	15.13	128	294258	13.867	ug/l	99

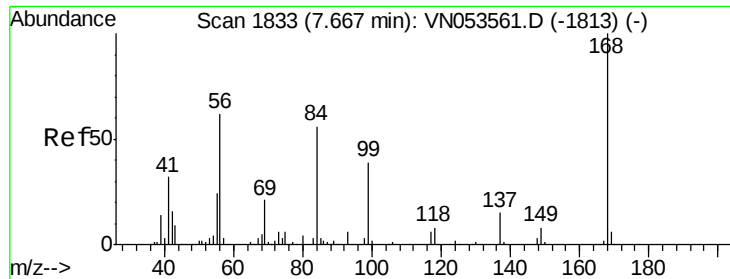
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053615.D

Acq: 5 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

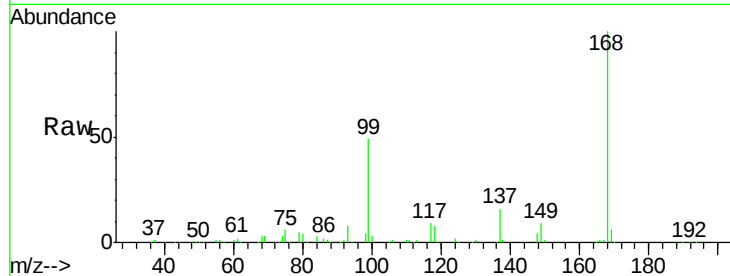
CL-02-020419-C

Tot Ion:168 Resp: 806982

Ion Ratio Lower Upper

168 100

99 48.8 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

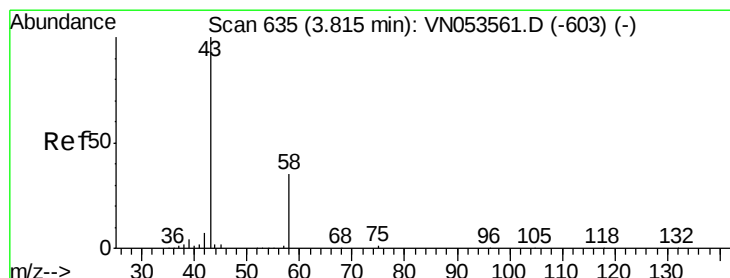
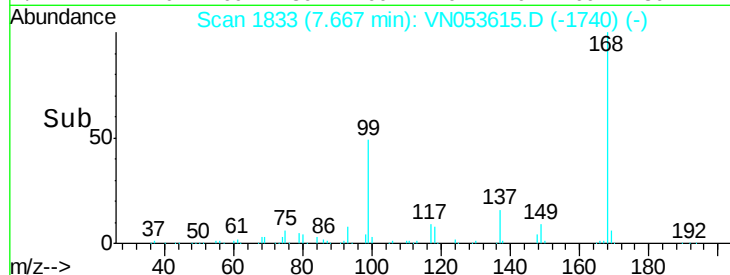
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 38.908 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053615.D

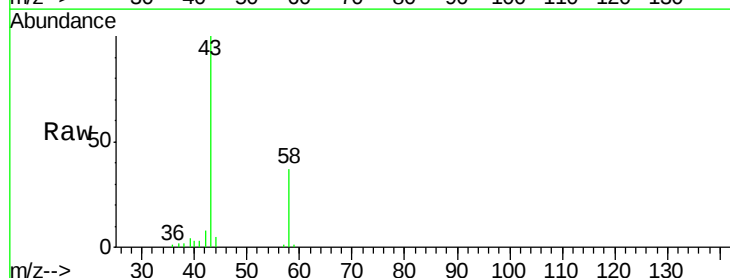
Acq: 5 Feb 2019 13:09

Tgt Ion: 43 Resp: 80794

Ion Ratio Lower Upper

43 100

58 36.7 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

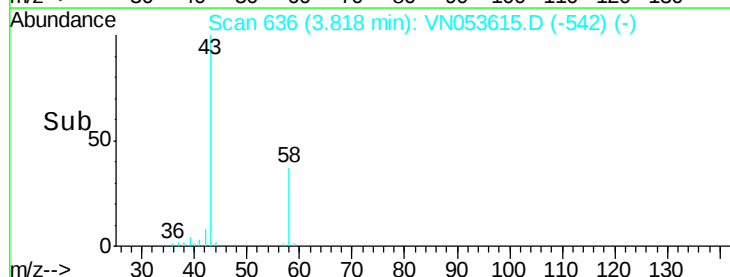
30000

20000

10000

0

Time--> 3.70 3.80 3.90

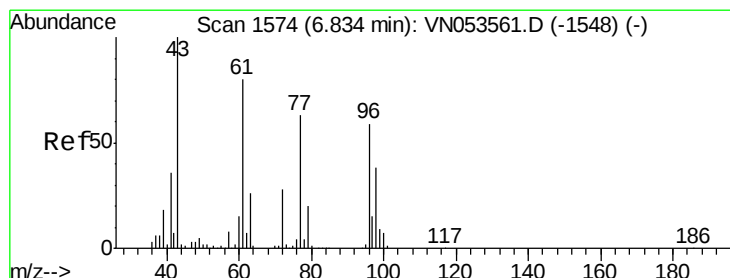
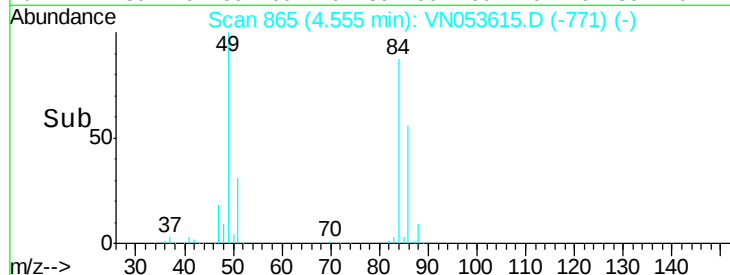
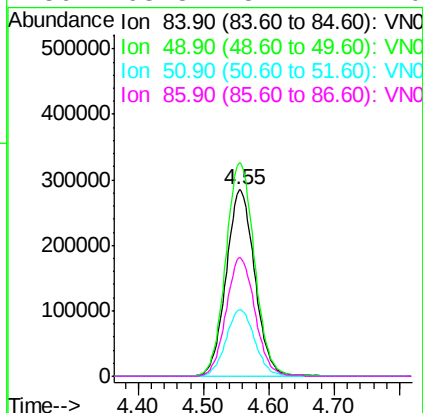
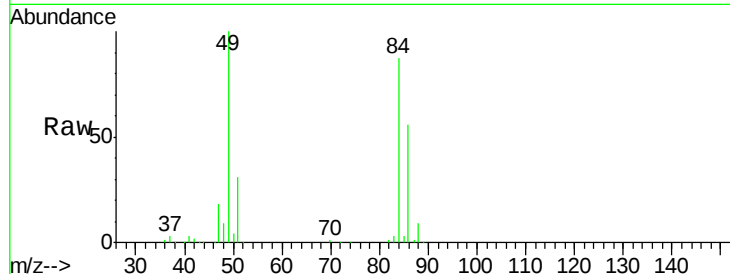




#20
Methvlene Chloride
Concen: 99.716 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

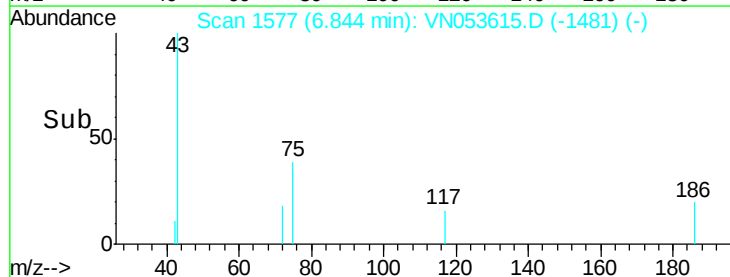
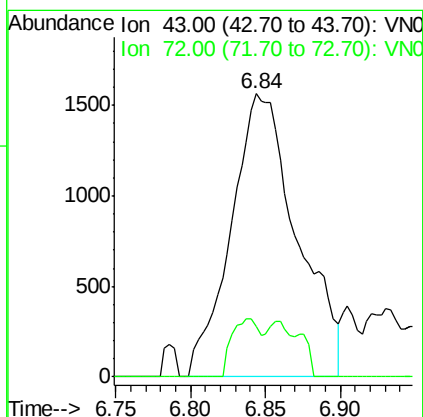
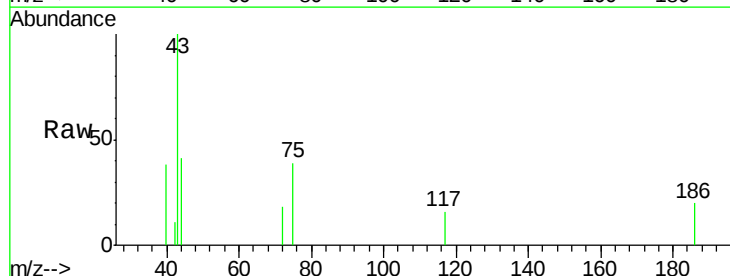
Instrument :
MSVOA_N
ClientSampleId :
CL-02-020419-C

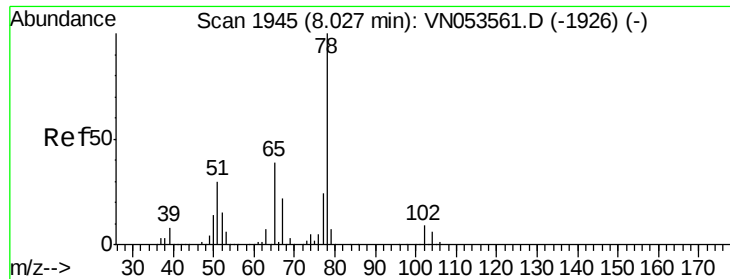
Tot Ion: 84 Resp: 868714
Ion Ratio Lower Upper
84 100
49 114.3 94.3 141.5
51 35.8 29.4 44.2
86 63.8 51.4 77.0



#25
2-Butanone
Concen: 1.623 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

Tgt Ion: 43 Resp: 4808
Ion Ratio Lower Upper
43 100
72 17.7 22.0 33.0#

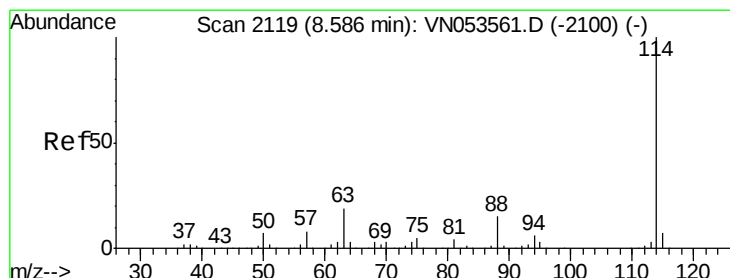
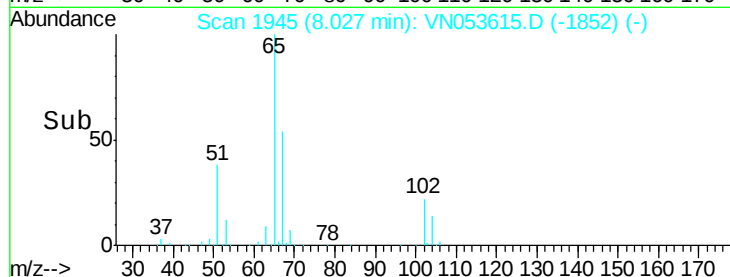
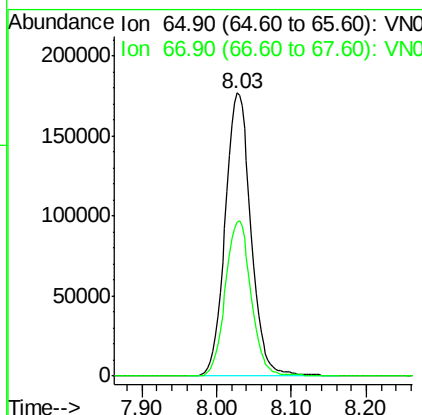
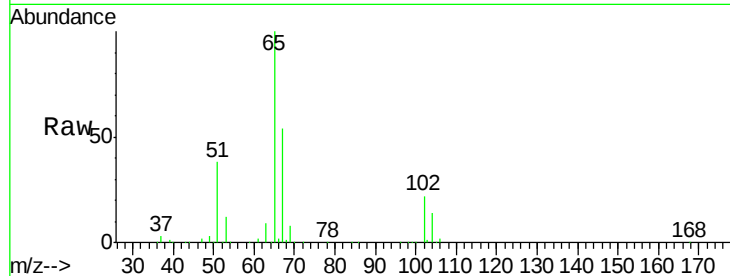




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053615.D
 Acq: 5 Feb 2019 13:09

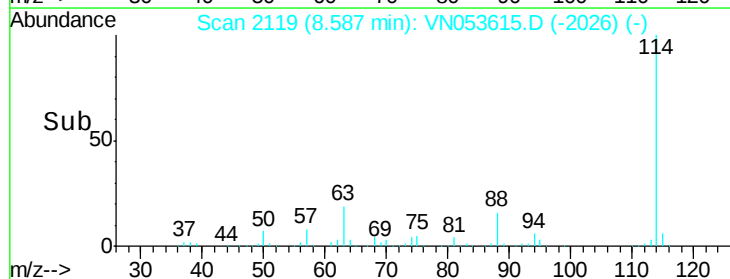
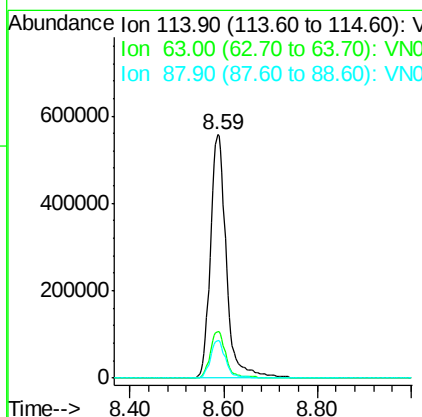
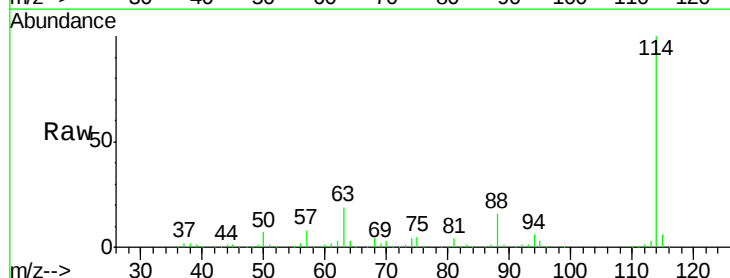
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-C

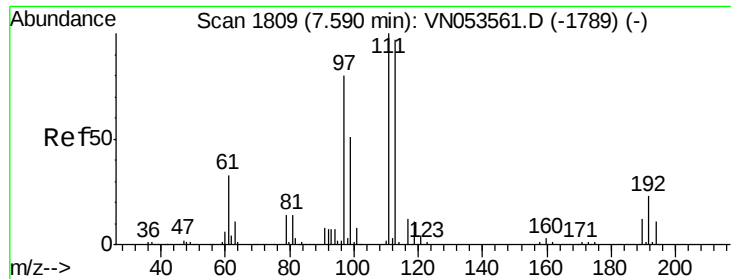
Tot Ion: 65 Resp: 422881
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053615.D
 Acq: 5 Feb 2019 13:09

Tgt Ion: 114 Resp: 1311547
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.6 0.0 30.4

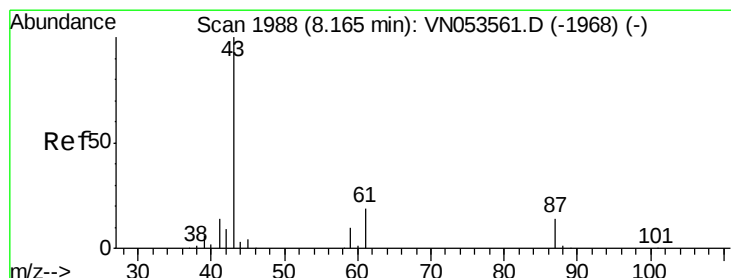
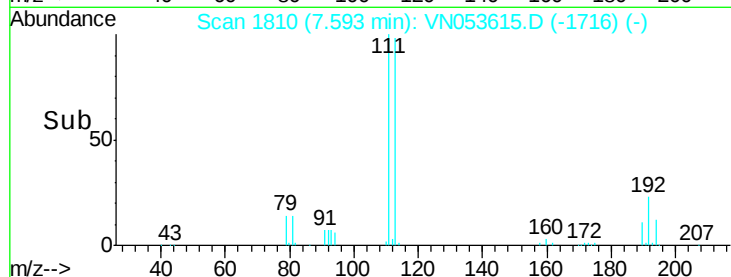
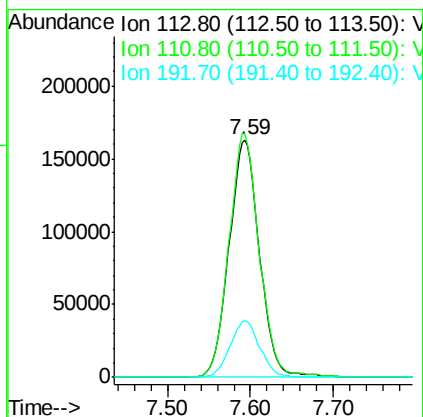
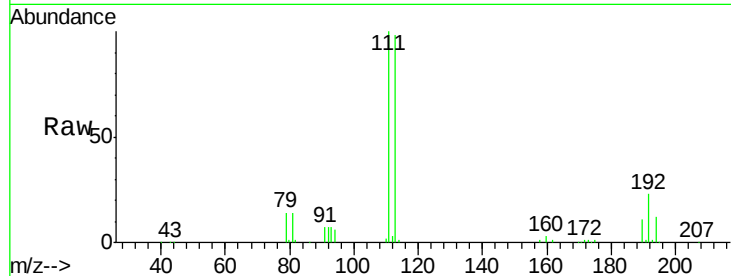




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053615.D
 Acq: 5 Feb 2019 13:09

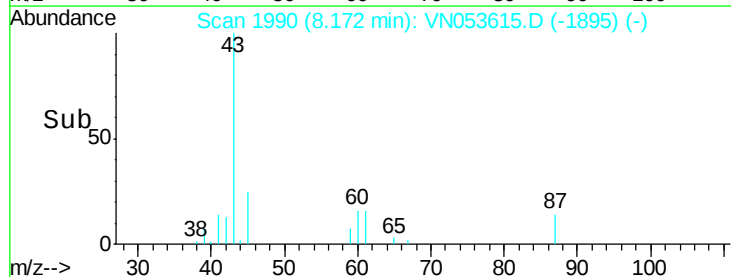
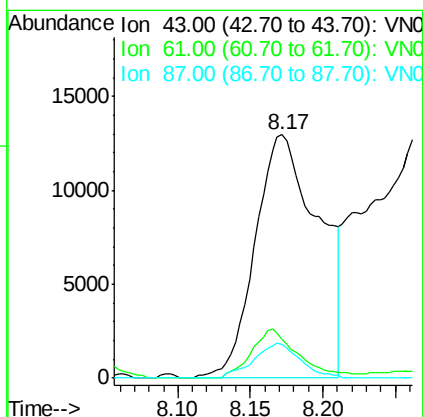
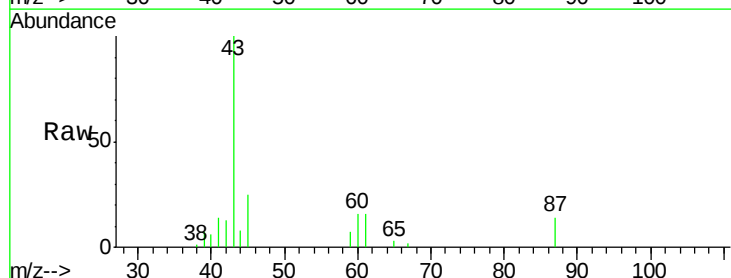
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-C

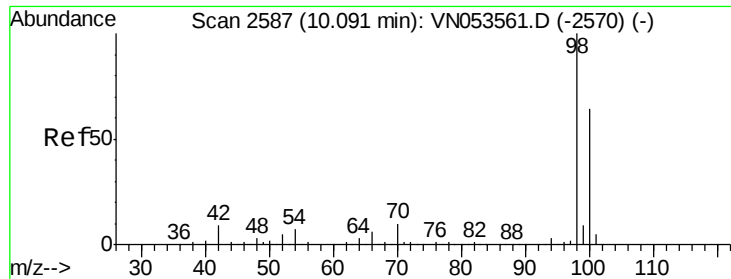
Tot Ion:113 Resp: 416383
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 23.4 18.2 27.2



#43
 Isopropyl Acetate
 Concen: 3.103 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN053615.D
 Acq: 5 Feb 2019 13:09

Tgt Ion: 43 Resp: 39570
 Ion Ratio Lower Upper
 43 100
 61 15.0 23.9 35.9#
 87 10.4 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: VN053615.D

Acq: 5 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

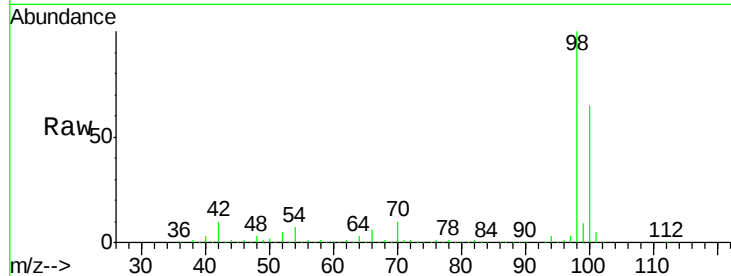
CL-02-020419-C

Tot Ion: 98 Resp: 1581397

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053615.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053615.D (-2570) (-)

10.09

800000

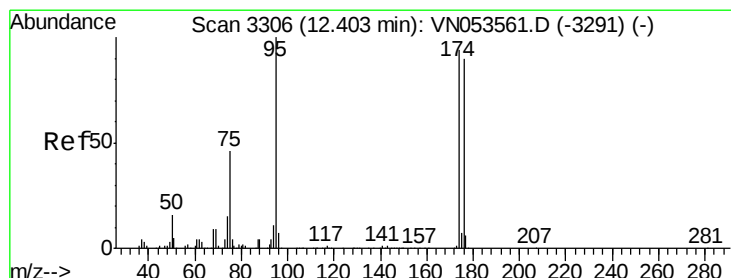
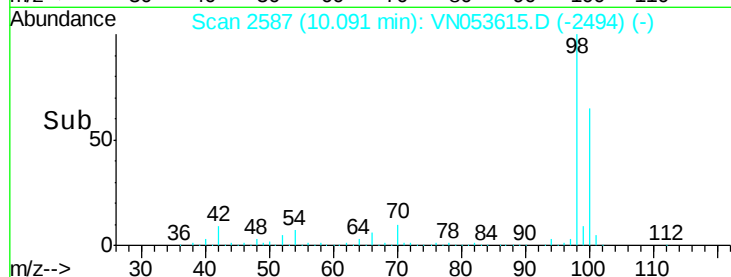
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

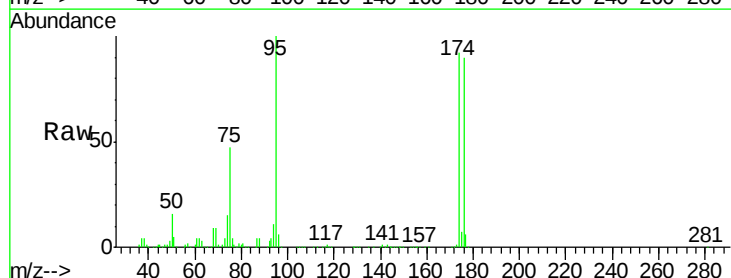
Tgt Ion: 95 Resp: 529671

Ion Ratio Lower Upper

95 100

174 92.3 0.0 183.2

176 90.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053615.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053615.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053615.D (-3291) (-)

12.40

400000

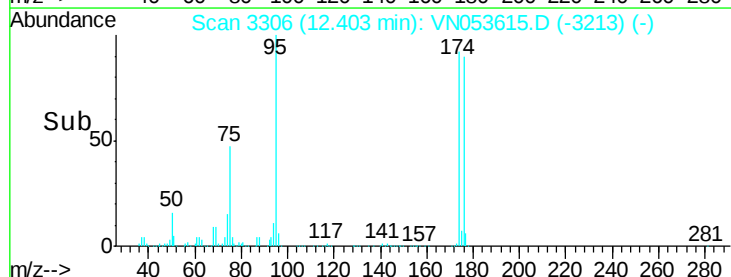
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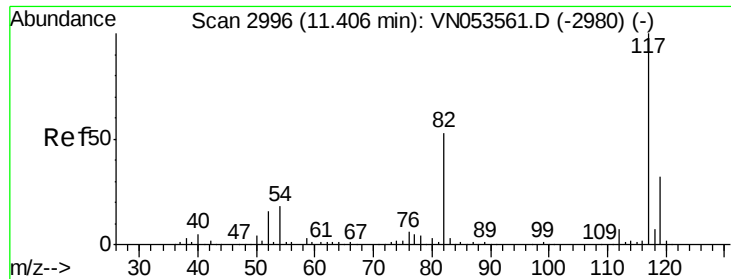
200000

100000

0

Time-->

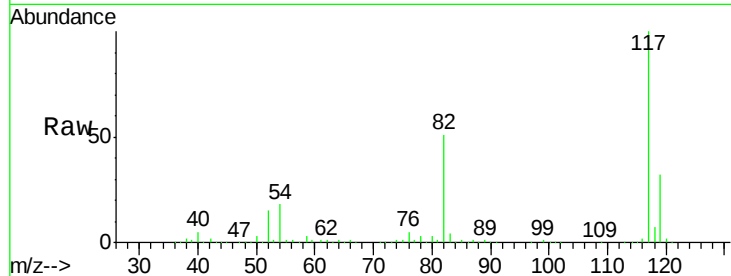




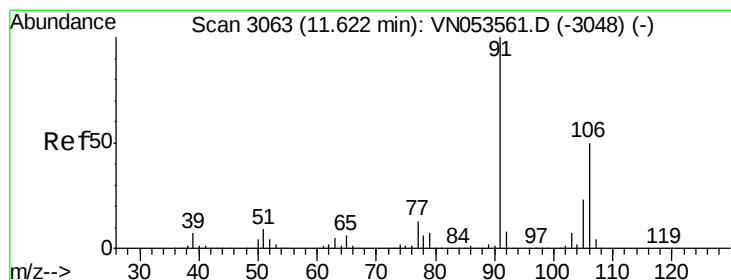
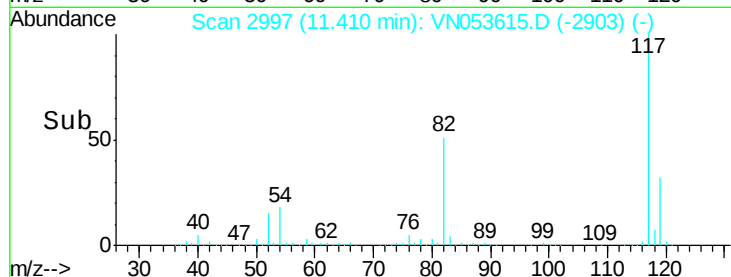
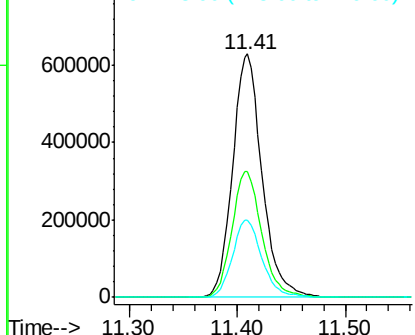
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

Instrument :
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ClientSampleId :
CL-02-020419-C

Tot Ion:117 Resp: 1193065
Ion Ratio Lower Upper
117 100
82 51.5 42.9 64.3
119 31.6 26.0 39.0

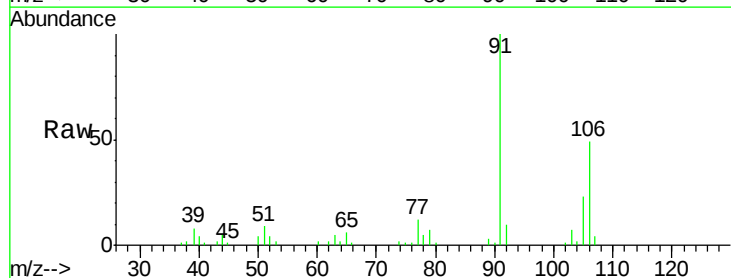


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

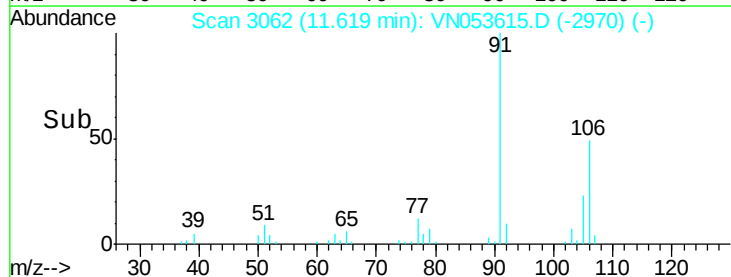
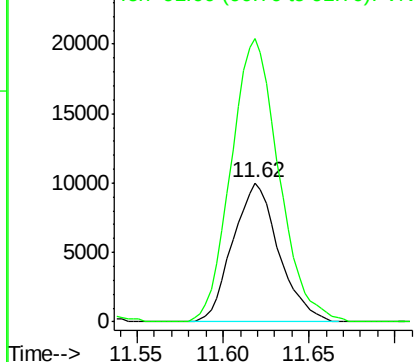


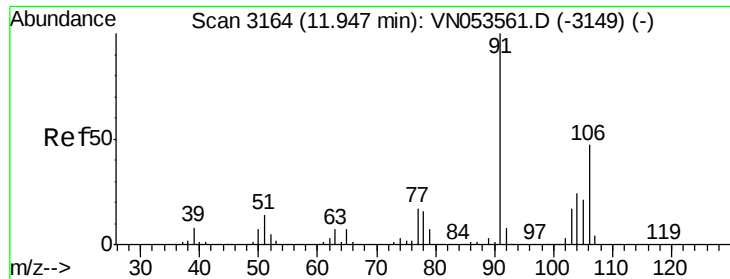
#68
m/p-Xylenes
Concen: 1.169 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

Tgt Ion:106 Resp: 18569
Ion Ratio Lower Upper
106 100
91 211.8 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

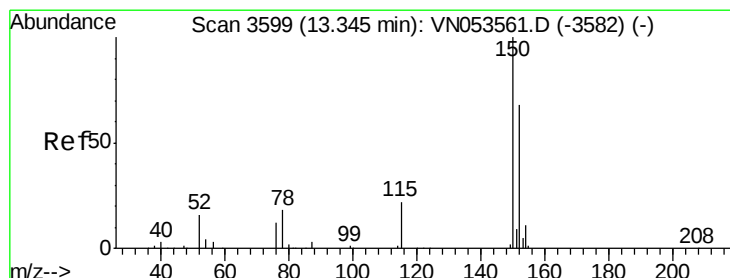
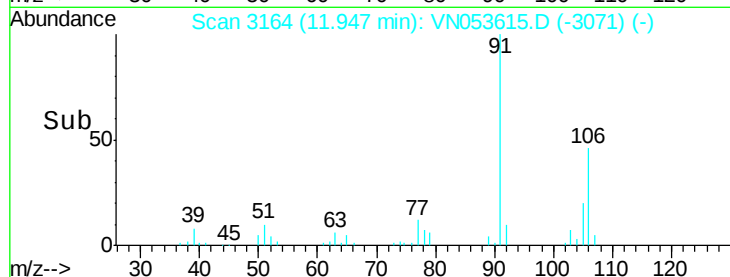
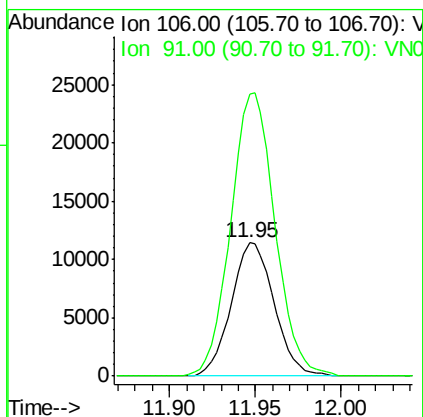
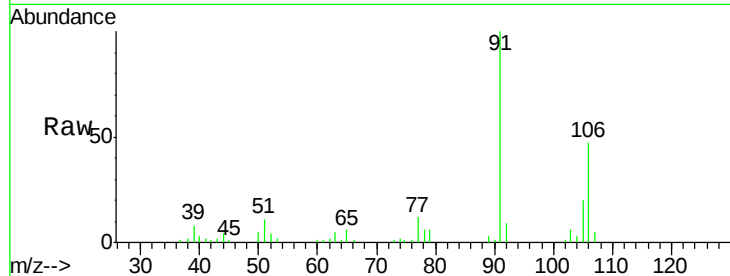




#69
o-Xylene
Concen: 1.298 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

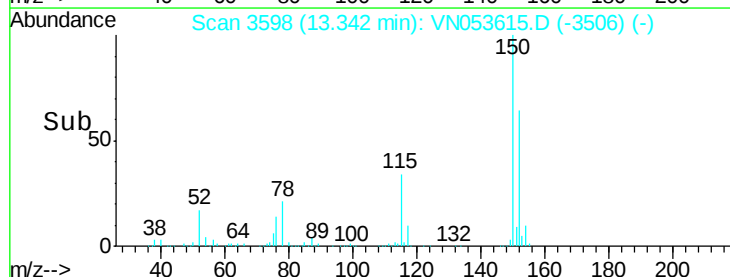
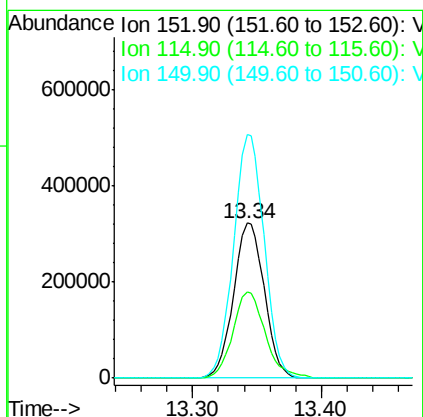
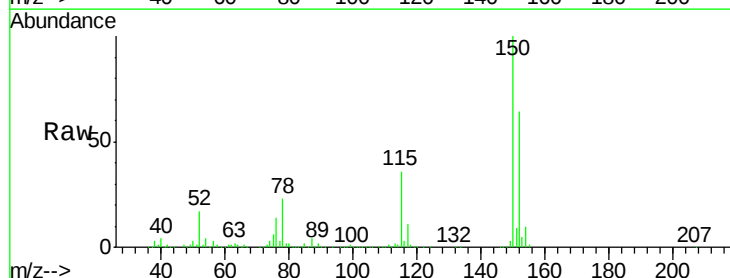
Instrument :
MSVOA_N
ClientSampleId :
CL-02-020419-C

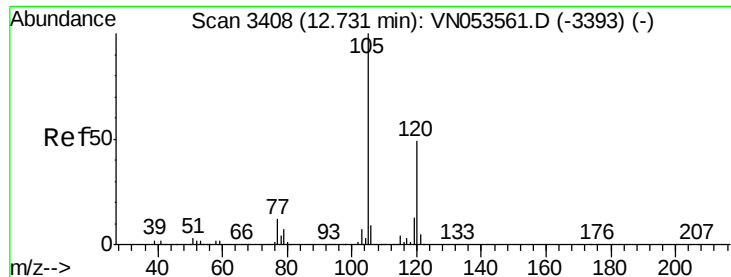
Tot Ion:106 Resp: 19918
Ion Ratio Lower Upper
106 100
91 218.3 106.9 320.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

Tgt Ion:152 Resp: 533022
Ion Ratio Lower Upper
152 100
115 58.6 27.8 83.4
150 156.4 0.0 349.0





#80

1,3,5-Trimethylbenzene

Concen: 3.066 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampled :

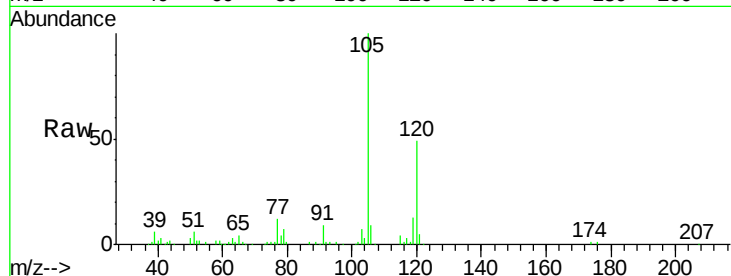
CL-02-020419-C

Tot Ion:105 Resp: 95278

Ion Ratio Lower Upper

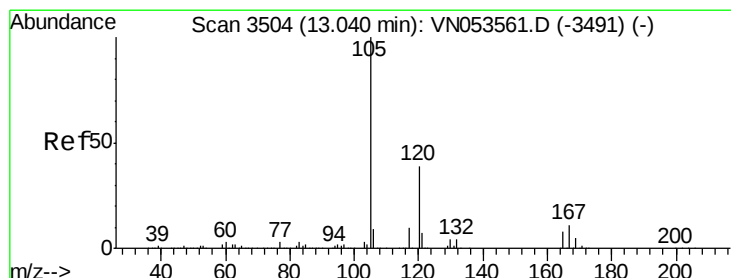
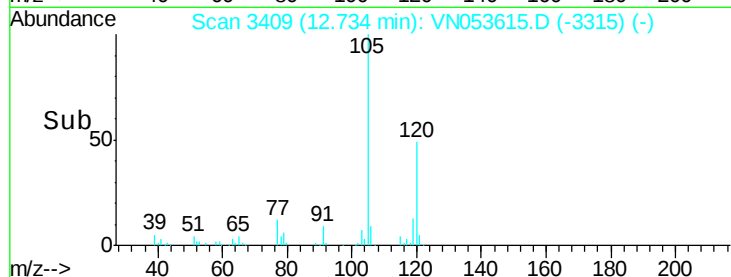
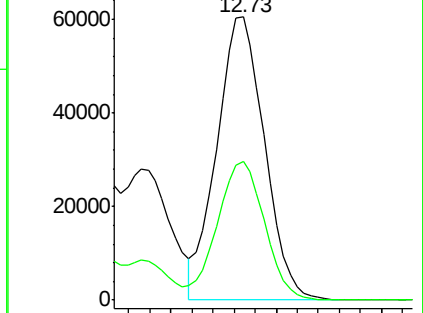
105 100

120 48.8 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: 13.614 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053615.D

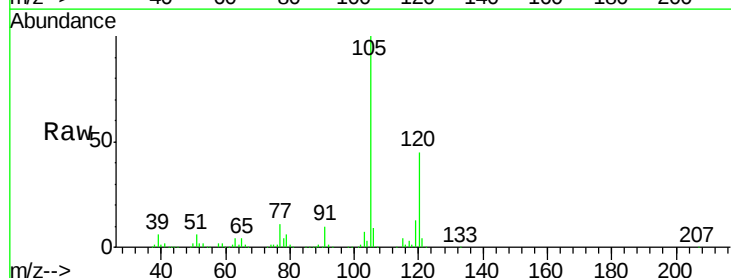
Acq: 5 Feb 2019 13:09

Tgt Ion:105 Resp: 430993

Ion Ratio Lower Upper

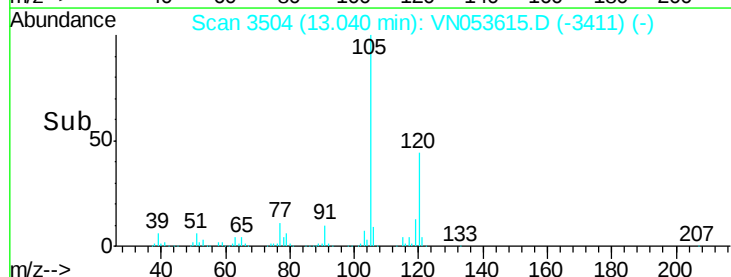
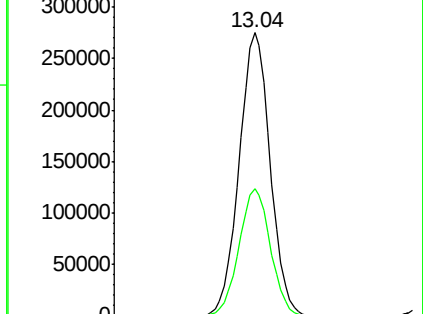
105 100

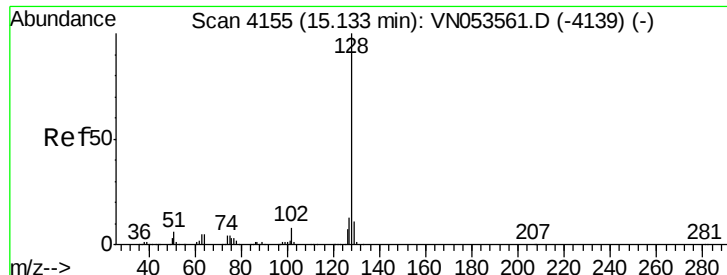
120 45.6 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 13.867 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

CL-02-020419-C

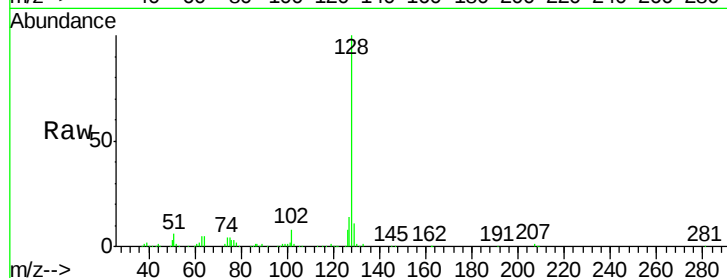
Tot Ion:128 Resp: 294258

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 10.6 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

