

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049447.D
 Acq On : 20 Jun 2018 20:04
 Operator : MD\SY
 Sample : J3245-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-061918-B

Quant Time: Jun 21 02:20:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1166761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1868419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1550707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	517590	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	790028	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
35) Dibromofluoromethane	7.59	113	694414	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	
50) Toluene-d8	10.09	98	2543481	44.19	ug/l	0.00
Spiked Amount			Recovery	=	88.38%	
62) 4-Bromofluorobenzene	12.41	95	691613	36.34	ug/l	0.00
Spiked Amount			Recovery	=	72.68%	

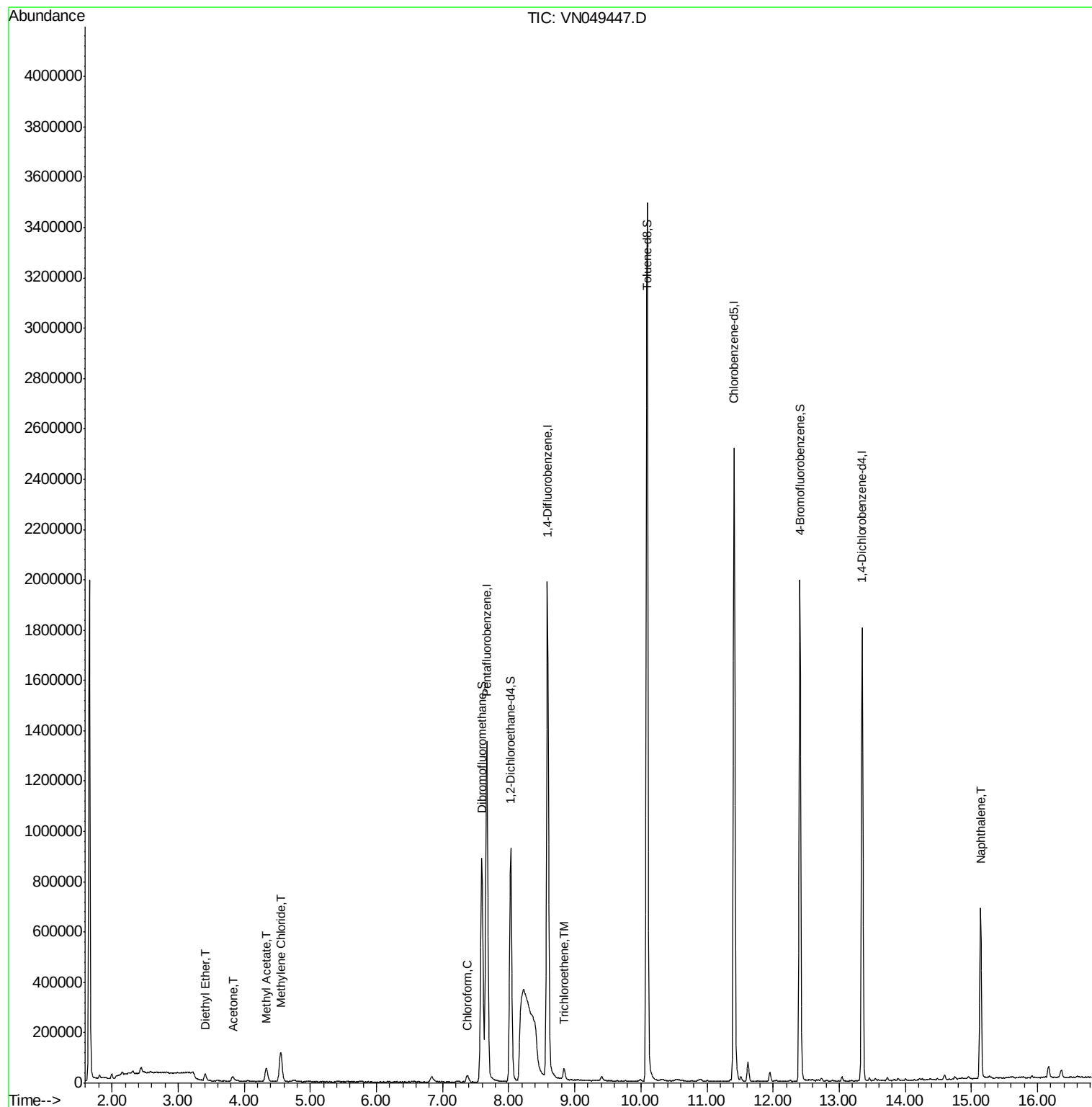
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	13173	1.64	ug/l	94
16) Acetone	3.83	43	35665	9.49	ug/l	97
18) Methyl Acetate	4.33	43	104092	9.09	ug/l	93
20) Methylene Chloride	4.55	84	89579	5.71	ug/l	90
30) Chloroform	7.38	83	27290	1.02	ug/l	87
44) Trichloroethene	8.84	130	17364	1.00	ug/l	88
95) Naphthalene	15.14	128	595244	39.37	ug/l	99

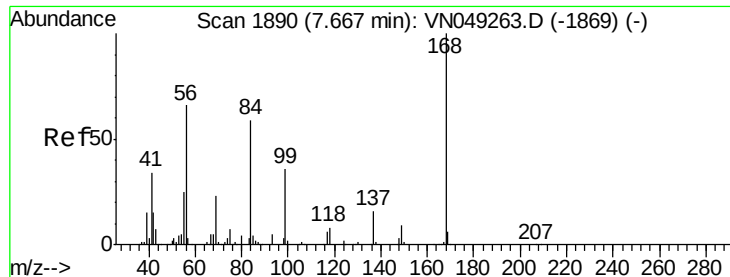
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062018\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

Instrument :

MSVOA_N

ClientSampleId :

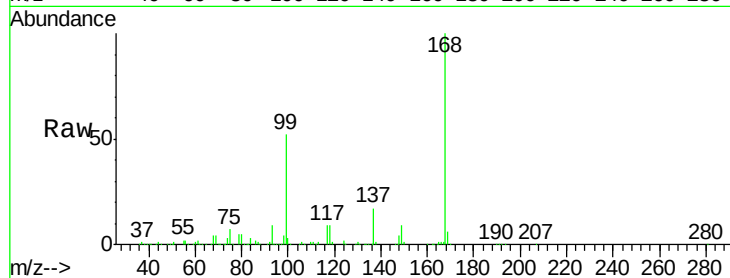
CL-02-061918-B

Tot Ion:168 Resp: 1166761

Ion Ratio Lower Upper

168 100

99 52.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

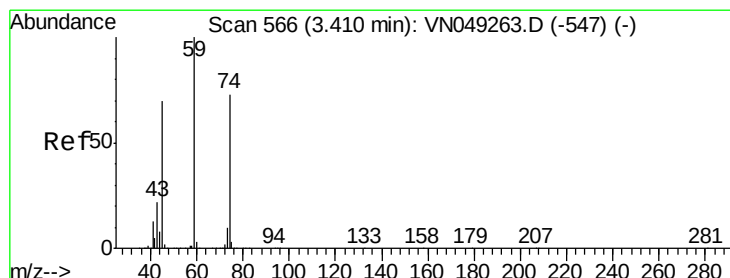
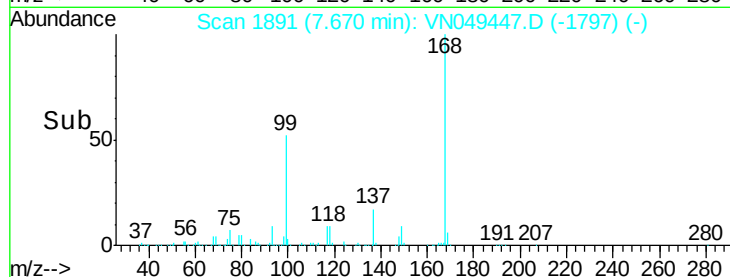
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.64 ug/l

RT: 3.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: VN049447.D

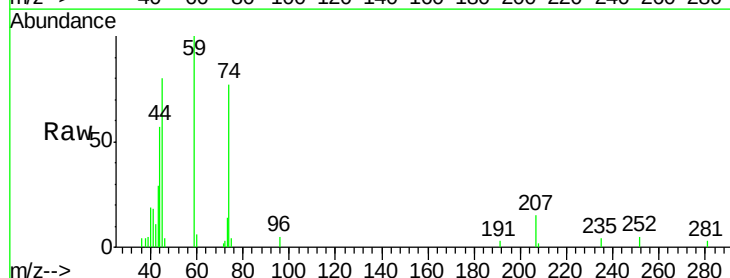
Acq: 20 Jun 2018 20:04

Tgt Ion: 74 Resp: 13173

Ion Ratio Lower Upper

74 100

45 110.2 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.41

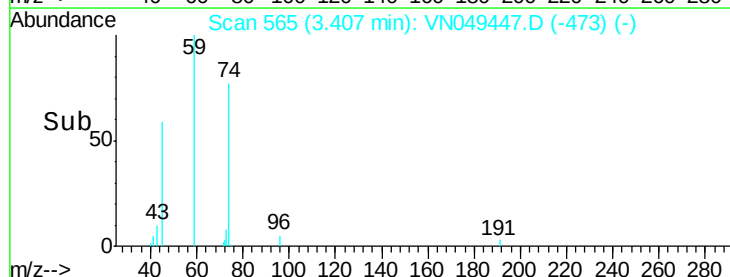
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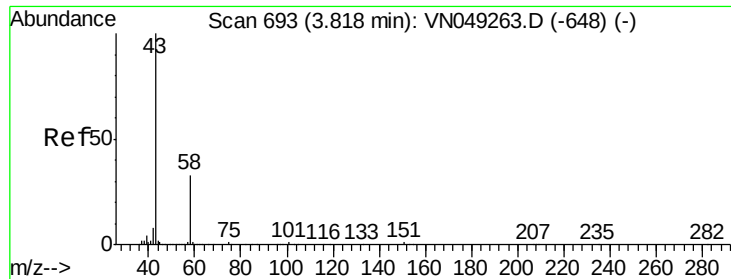
4000

2000

0

Time-->





#16

Acetone

Concen: 9.49 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

Instrument :

MSVOA_N

ClientSampleId :

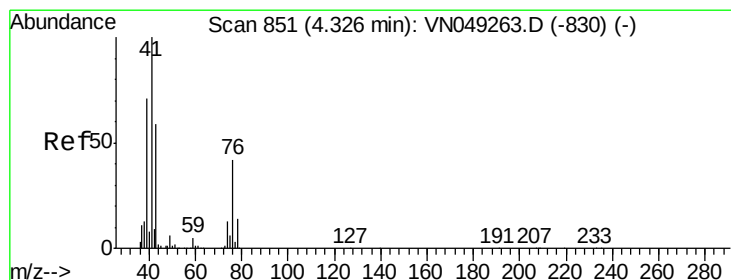
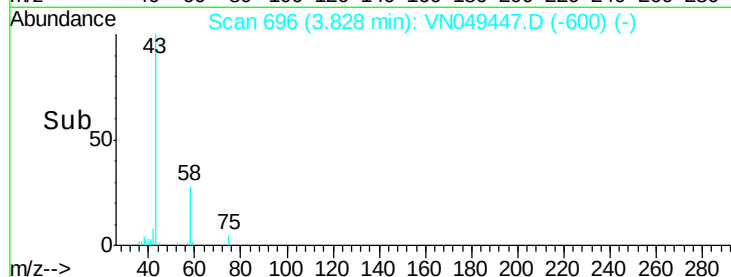
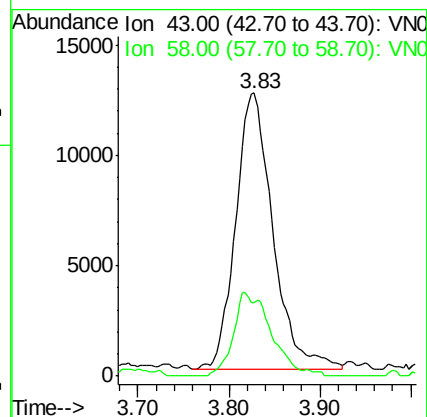
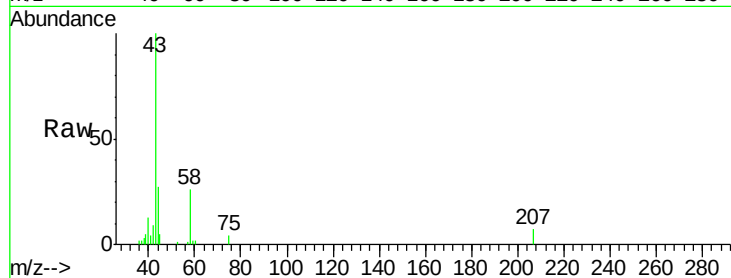
CL-02-061918-B

Tot Ion: 43 Resp: 35665

Ion Ratio Lower Upper

43 100

58 26.6 22.4 33.6



#18

Methyl Acetate

Concen: 9.09 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049447.D

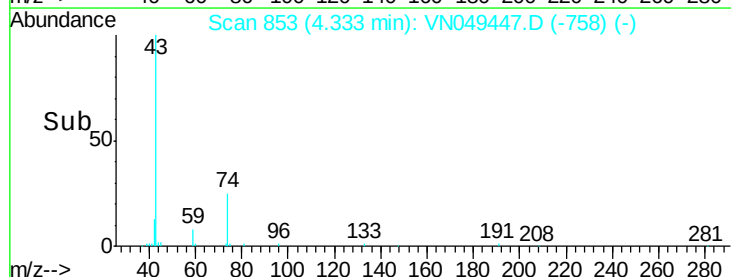
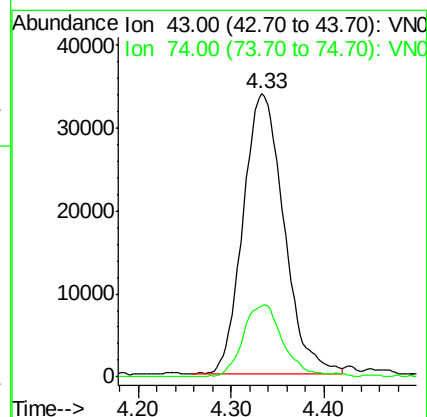
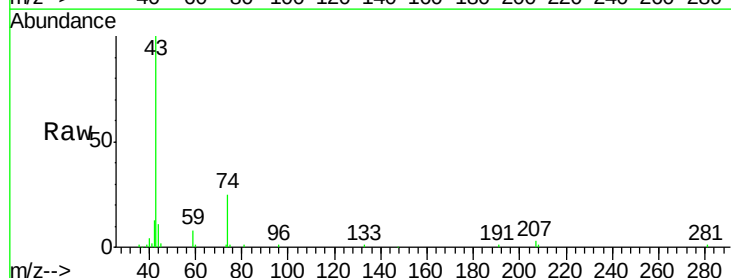
Acq: 20 Jun 2018 20:04

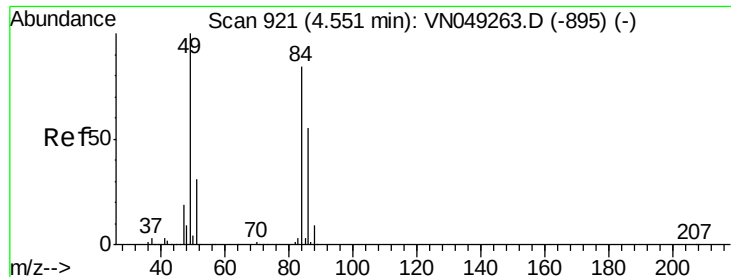
Tgt Ion: 43 Resp: 104092

Ion Ratio Lower Upper

43 100

74 24.9 17.4 26.0

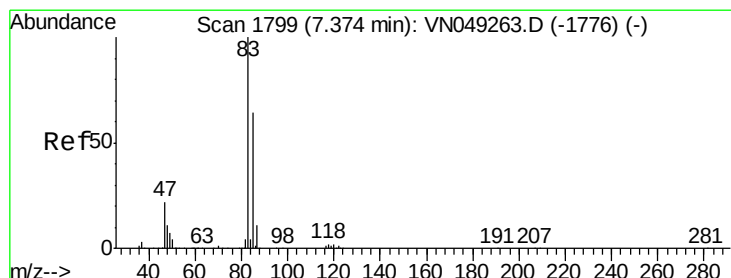
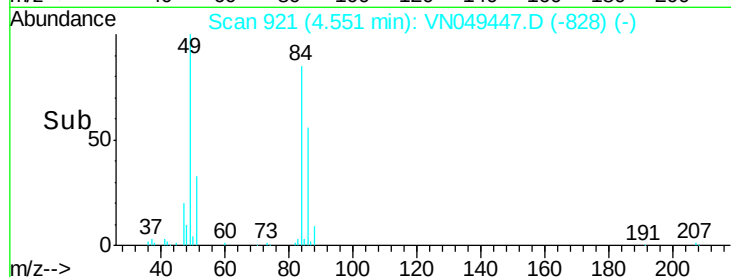
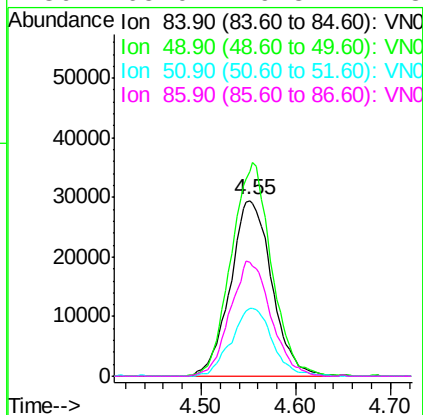
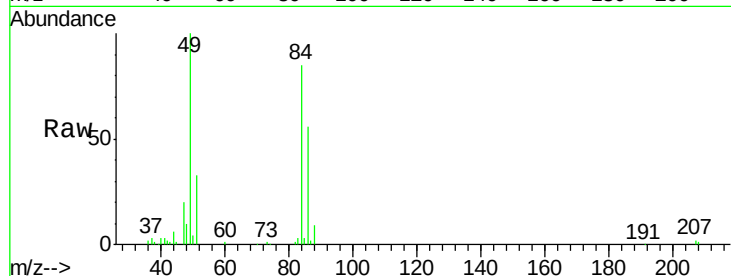




#20
Methylene Chloride
Concen: 5.71 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

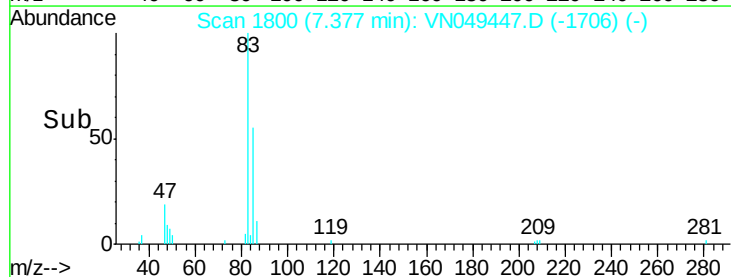
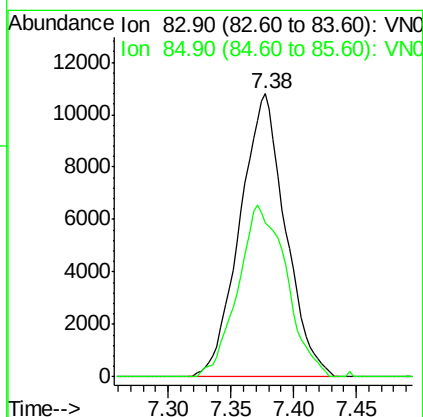
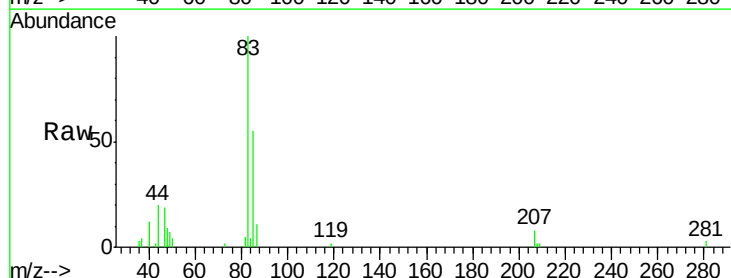
Instrument :
MSVOA_N
ClientSampleId :
CL-02-061918-B

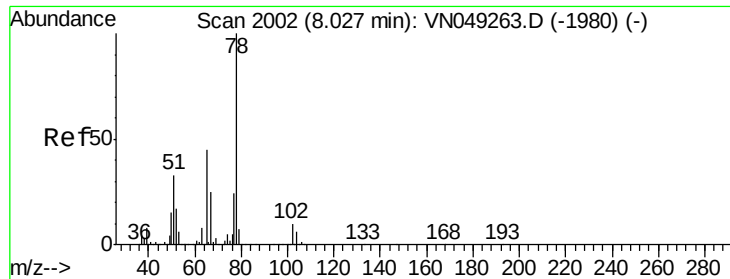
Tot Ion: 84 Resp: 89579
Ion Ratio Lower Upper
84 100
49 116.2 106.9 160.3
51 38.8 32.7 49.1
86 65.0 49.8 74.8



#30
Chloroform
Concen: 1.02 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

Tgt Ion: 83 Resp: 27290
Ion Ratio Lower Upper
83 100
85 54.5 51.7 77.5

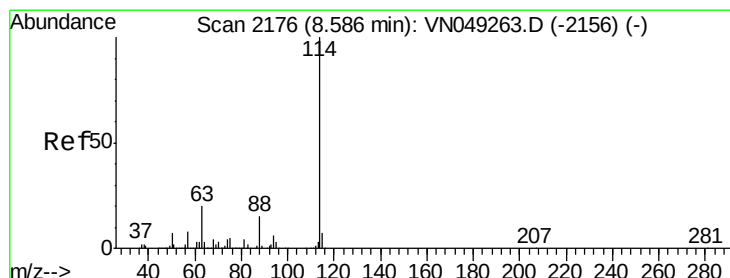
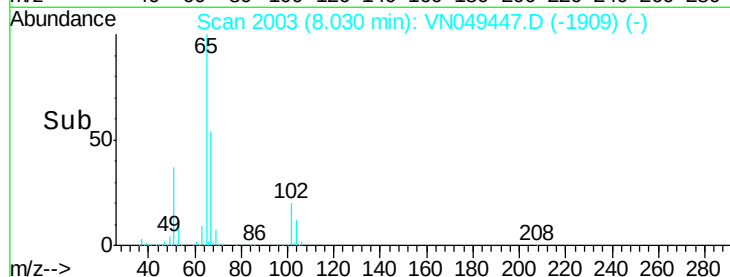
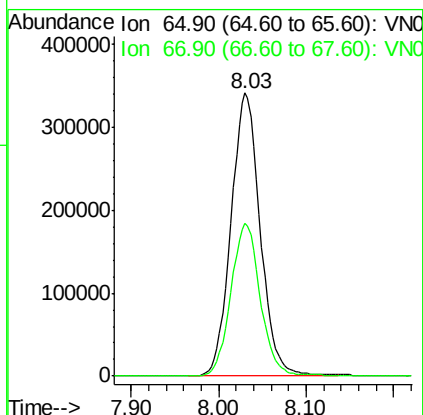
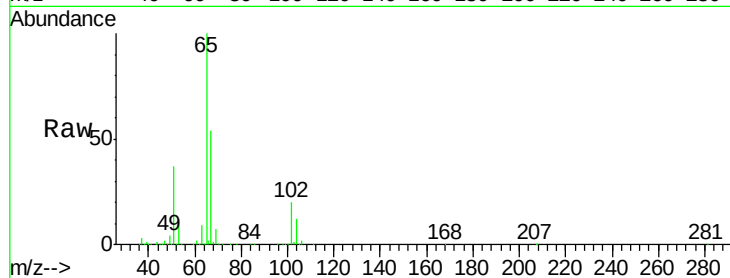




#33
 1,2-Dichloroethane-d4
 Concen: 51.05 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049447.D
 Acq: 20 Jun 2018 20:04

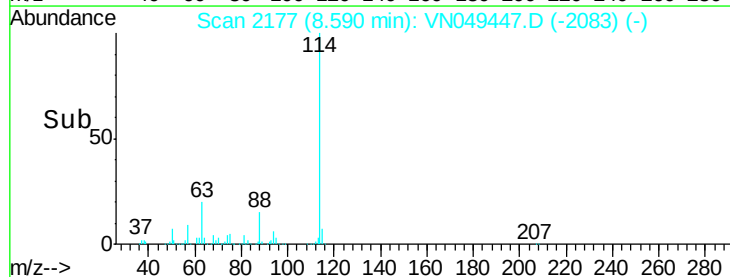
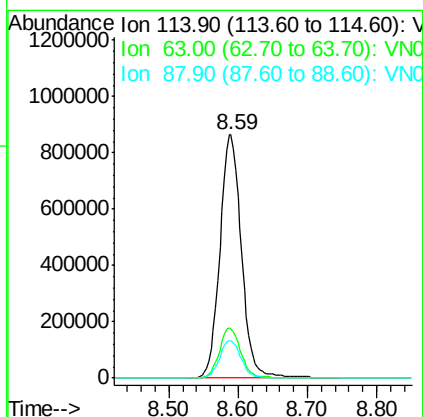
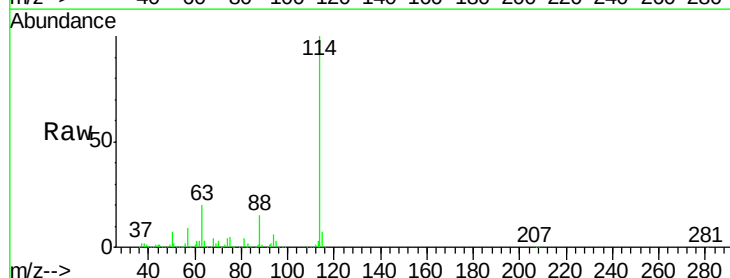
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-061918-B

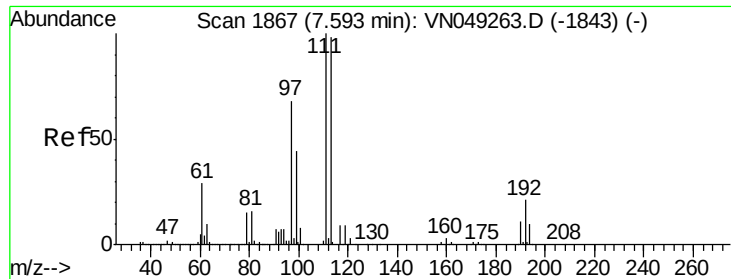
Tot Ion: 65 Resp: 790028
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049447.D
 Acq: 20 Jun 2018 20:04

Tgt Ion: 114 Resp: 1868419
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 15.4 0.0 31.4

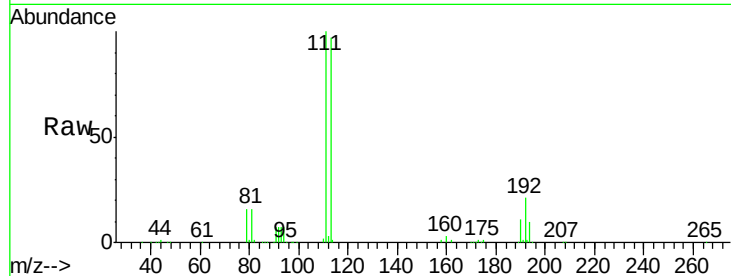




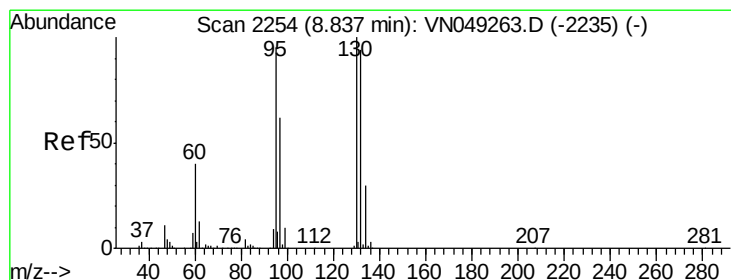
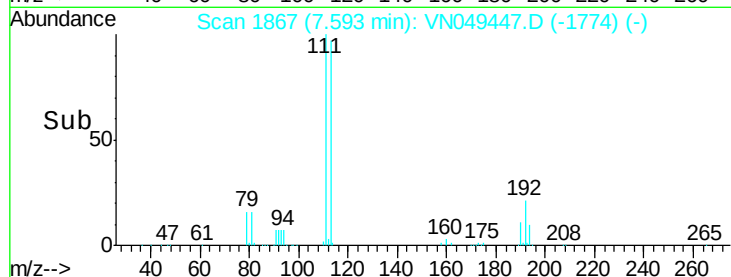
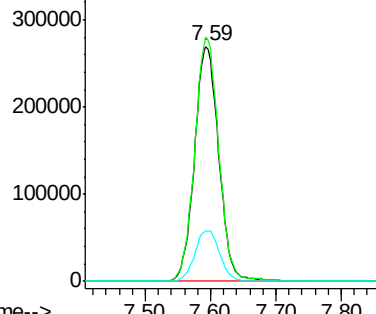
#35
 Dibromofluoromethane
 Concen: 45.94 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049447.D
 Acq: 20 Jun 2018 20:04

Instrument :
 MSVOA_N
 ClientSampled :
 CL-02-061918-B

Tot Ion:113 Resp: 694414
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 22.1 15.0 22.6

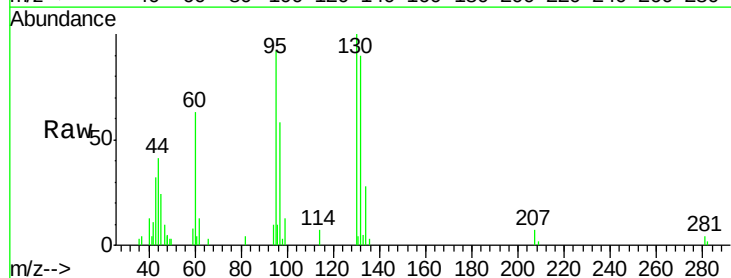


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

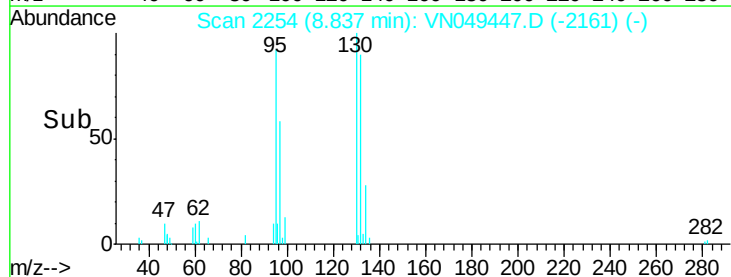
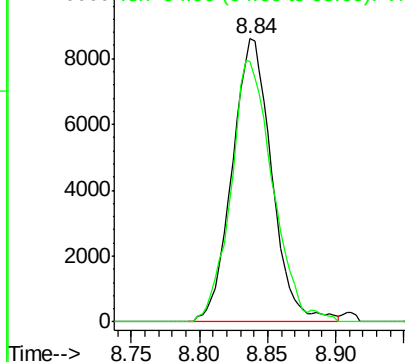


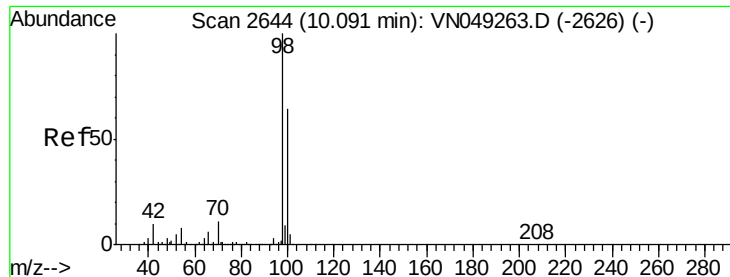
#44
 Trichloroethene
 Concen: 1.00 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VN049447.D
 Acq: 20 Jun 2018 20:04

Tgt Ion:130 Resp: 17364
 Ion Ratio Lower Upper
 130 100
 95 91.9 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 44.19 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

Instrument :

MSVOA_N

ClientSampleId :

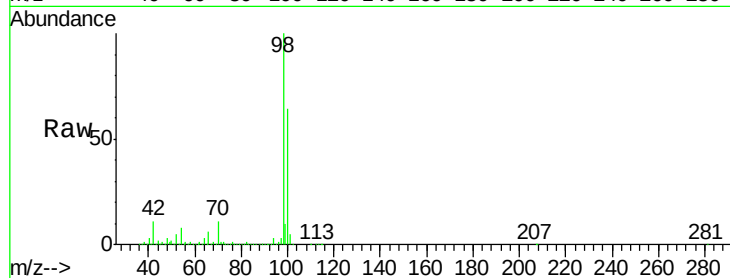
CL-02-061918-B

Tot Ion: 98 Resp: 2543481

Ion Ratio Lower Upper

98 100

100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)

10.09

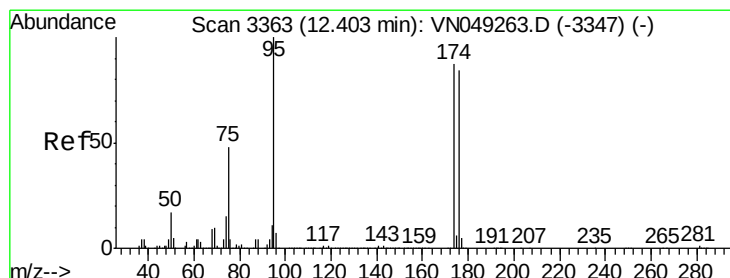
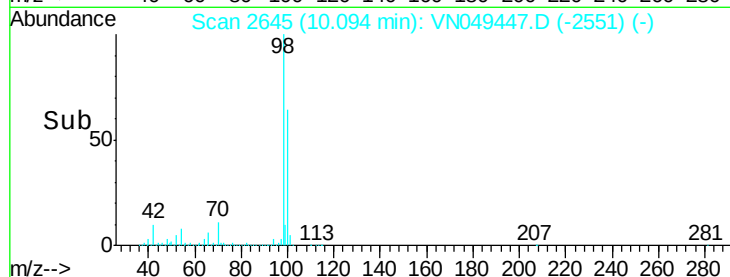
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 36.34 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

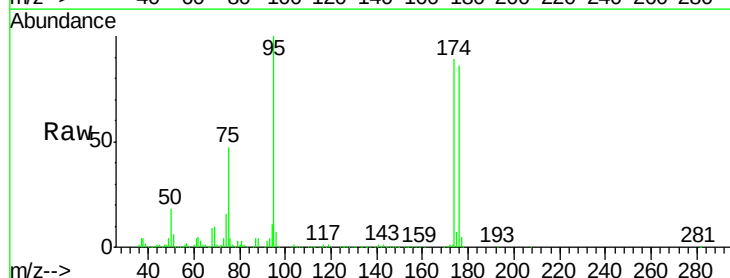
Tgt Ion: 95 Resp: 691613

Ion Ratio Lower Upper

95 100

174 89.5 0.0 165.6

176 85.9 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)

12.41

500000

400000

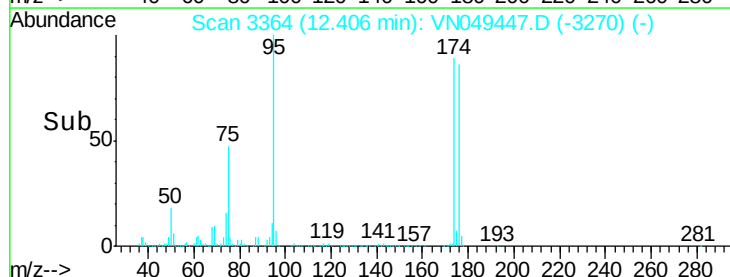
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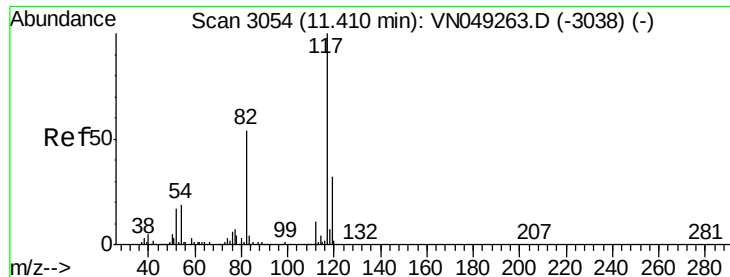
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Time-->

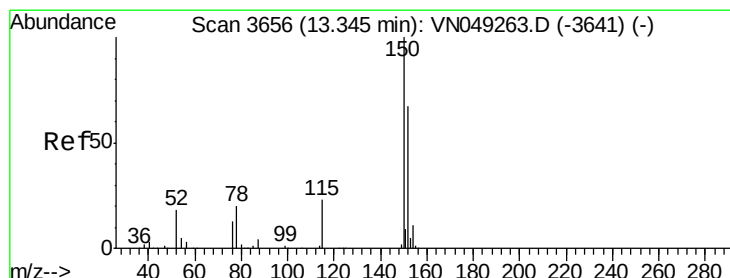
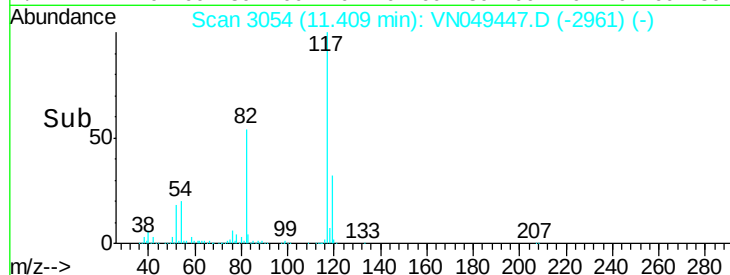
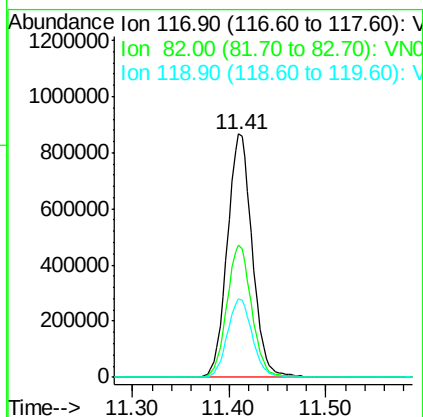
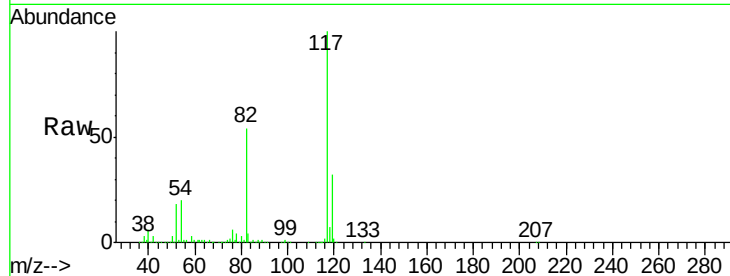




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

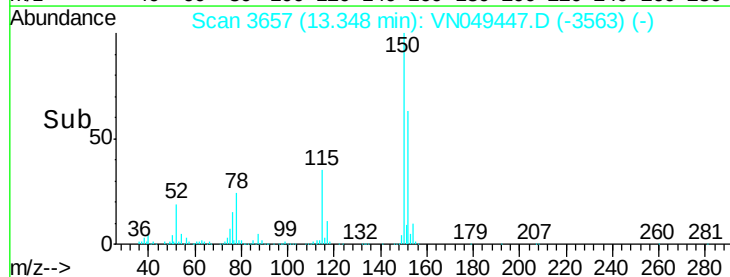
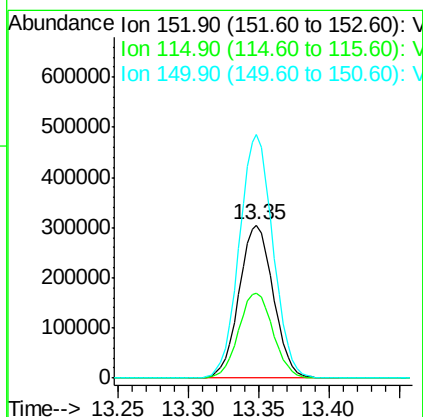
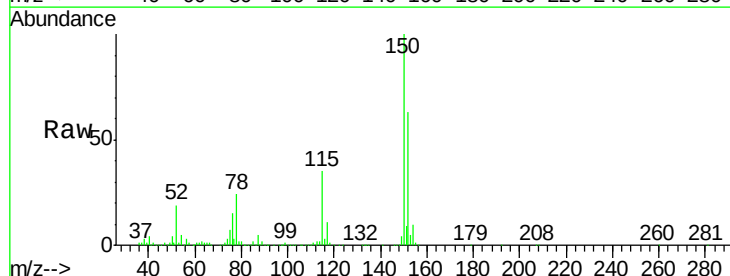
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CL-02-061918-B

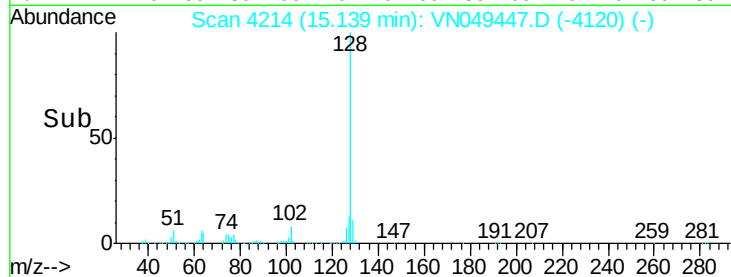
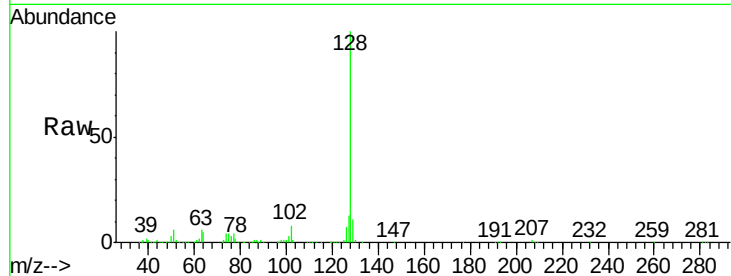
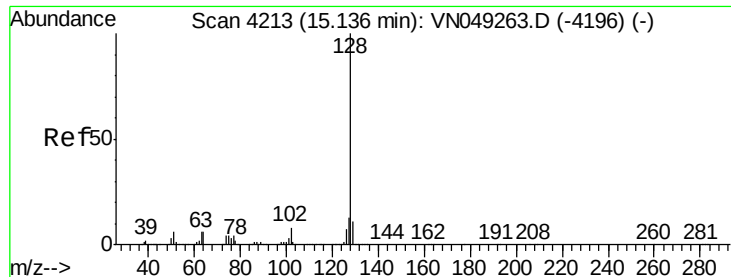
Tot Ion:117 Resp: 1550707
Ion Ratio Lower Upper
117 100
82 54.4 45.9 68.9
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

Tgt Ion:152 Resp: 517590
Ion Ratio Lower Upper
152 100
115 56.2 28.7 86.1
150 157.2 0.0 351.0





#95

Naphthalene

Concen: 39.37 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

Instrument :

MSVOA_N

ClientSampleId :

CL-02-061918-B

Tot Ion:128 Resp: 595244

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.5 12.7

