

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049449.D
 Acq On : 20 Jun 2018 20:55
 Operator : MD\SY
 Sample : J3245-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 21 02:26:57 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	1231326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1992795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1655663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	520202	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	834982	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
35) Dibromofluoromethane	7.59	113	731509	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
50) Toluene-d8	10.09	98	2712661	44.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.38%	
62) 4-Bromofluorobenzene	12.41	95	726144	35.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.54%	

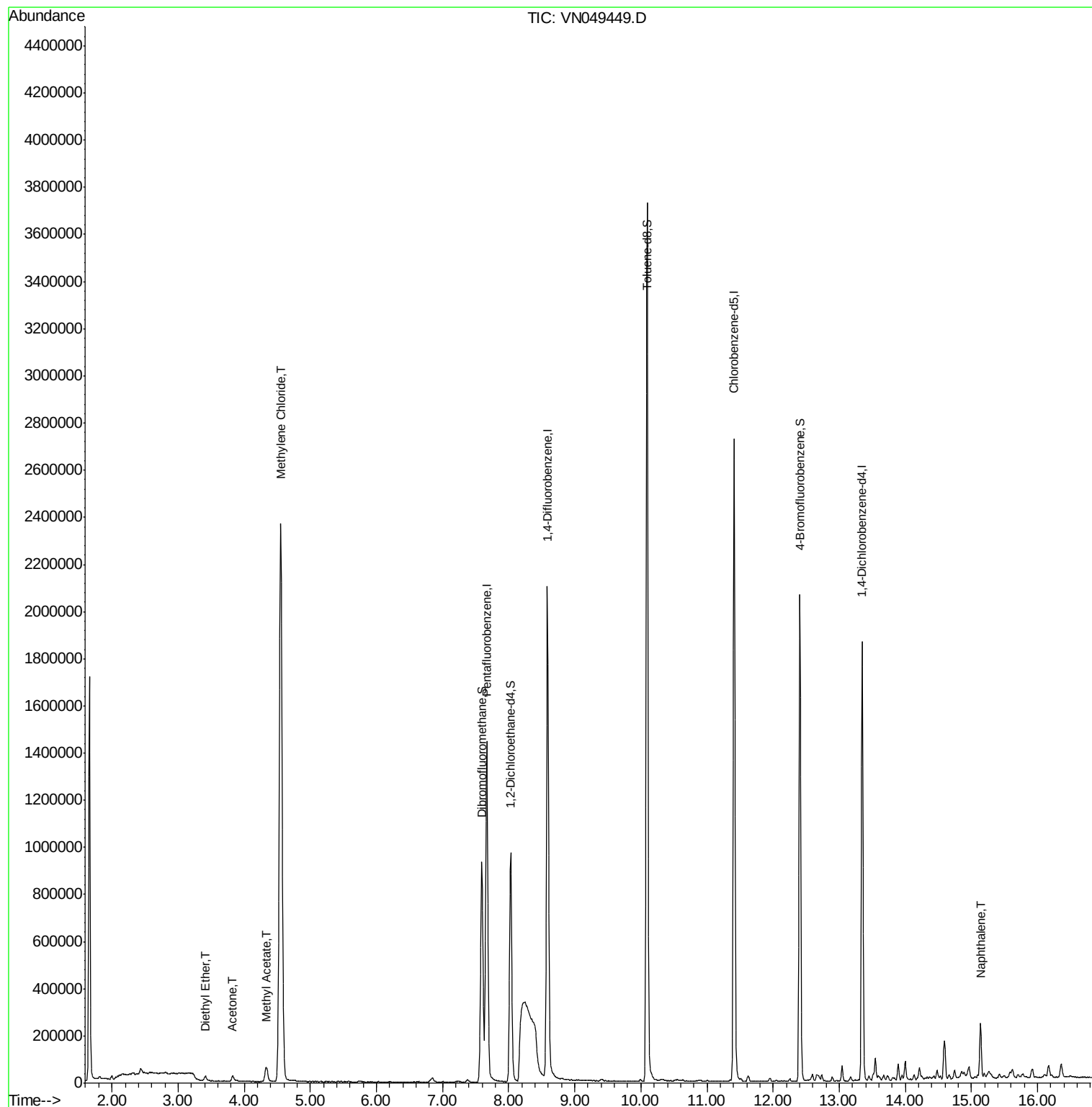
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	11025	1.30	ug/l	87
16) Acetone	3.82	43	37076	9.35	ug/l	95
18) Methyl Acetate	4.33	43	125562	10.38	ug/l	94
20) Methylene Chloride	4.55	84	1819997	109.89	ug/l	90
95) Naphthalene	15.14	128	204533	15.72	ug/l	99

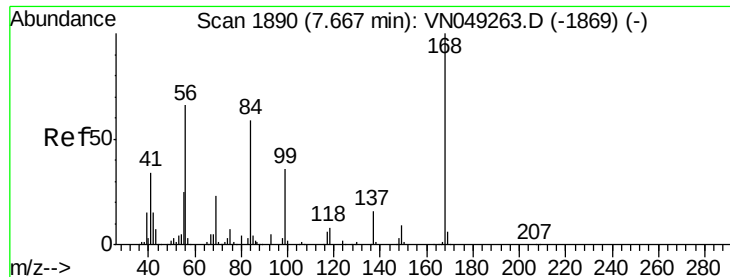
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062018\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049449.D

Acq: 20 Jun 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

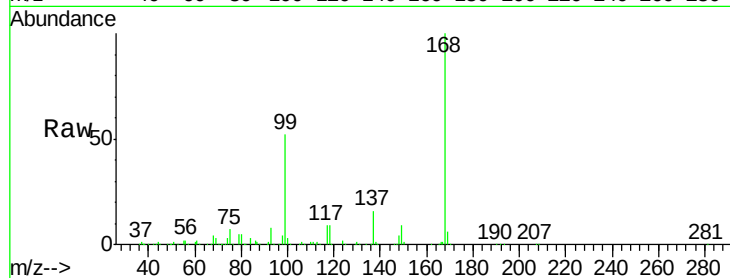
CL-02-061918-D

Tot Ion:168 Resp: 1231326

Ion Ratio Lower Upper

168 100

99 51.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

600000

500000

400000

300000

200000

100000

0

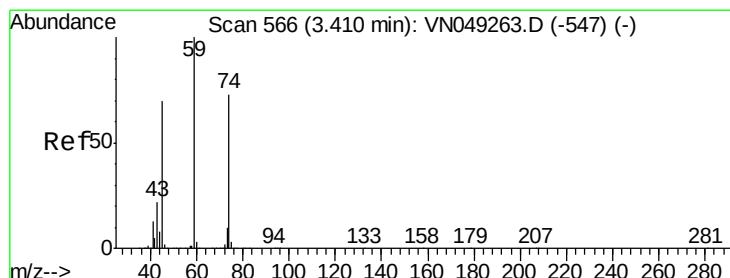
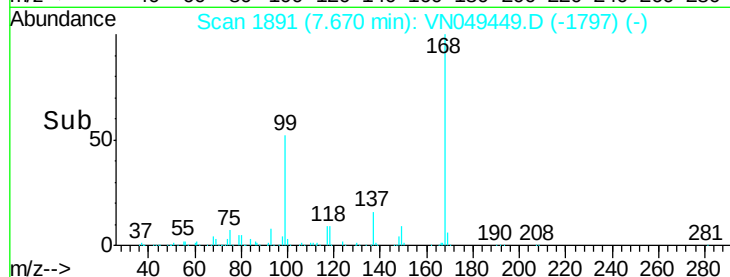
7.67

7.60

7.70

7.80

Time-->



#8

Diethyl Ether

Concen: 1.30 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049449.D

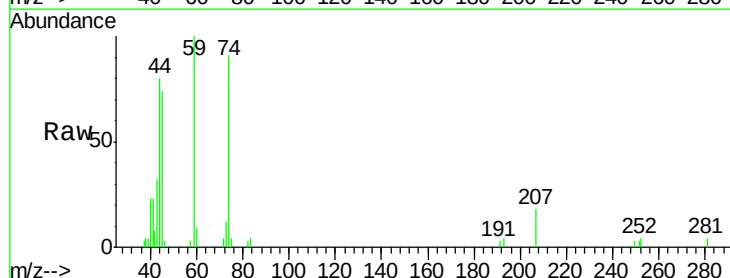
Acq: 20 Jun 2018 20:55

Tgt Ion: 74 Resp: 11025

Ion Ratio Lower Upper

74 100

45 90.5 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

6000

5000

4000

3000

2000

1000

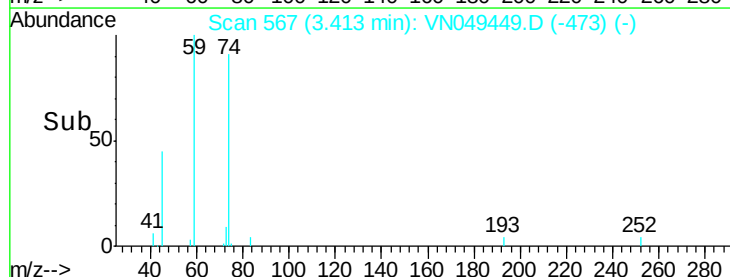
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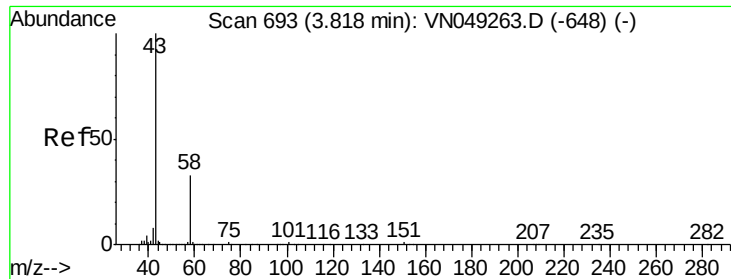
3.41

3.35

3.45

Time-->

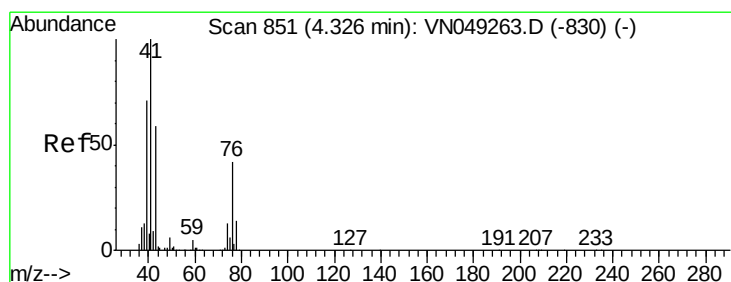
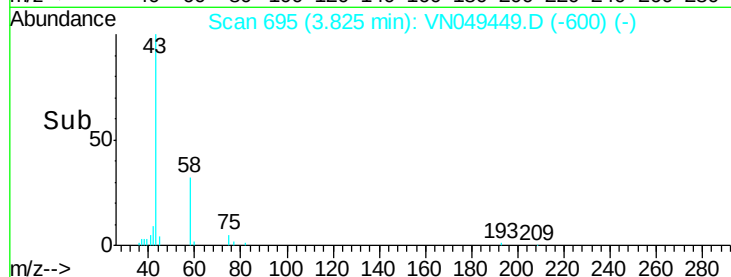
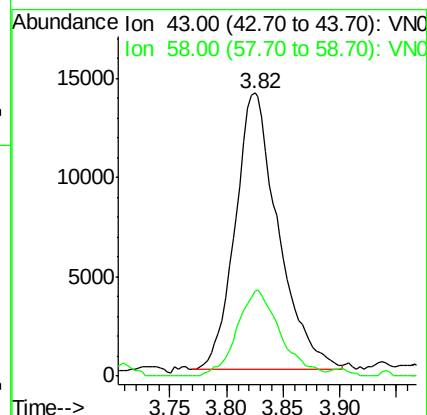
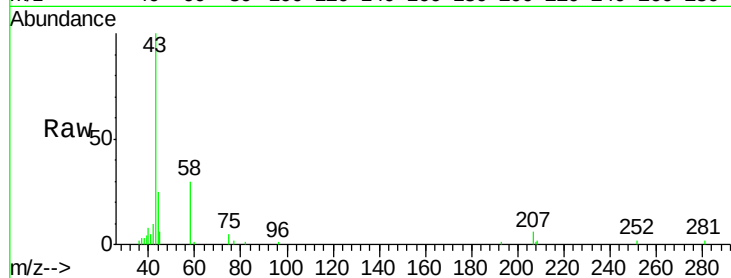




#16
Acetone
Concen: 9.35 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN049449.D
Acq: 20 Jun 2018 20:55

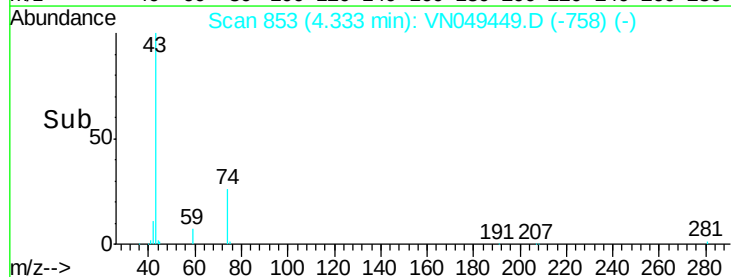
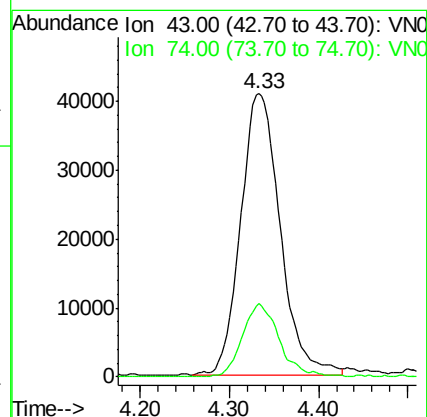
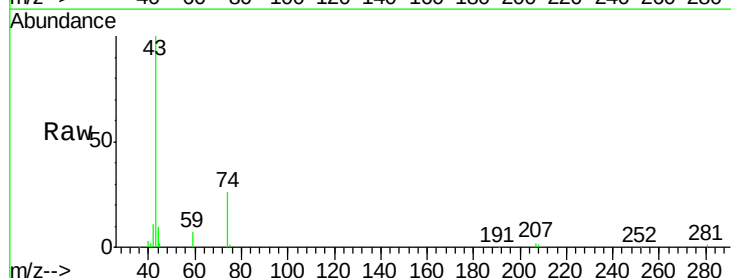
Instrument :
MSVOA_N
ClientSampleId :
CL-02-061918-D

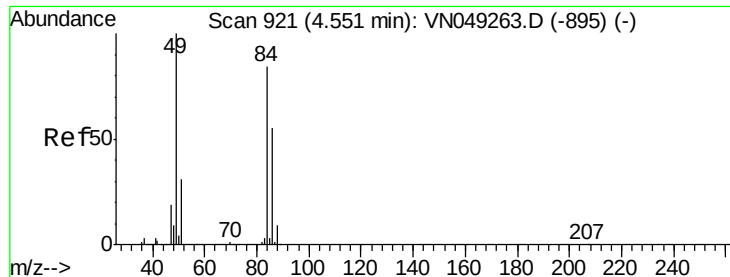
Tot Ion: 43 Resp: 37076
Ion Ratio Lower Upper
43 100
58 30.8 22.4 33.6



#18
Methyl Acetate
Concen: 10.38 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049449.D
Acq: 20 Jun 2018 20:55

Tgt Ion: 43 Resp: 125562
Ion Ratio Lower Upper
43 100
74 24.5 17.4 26.0



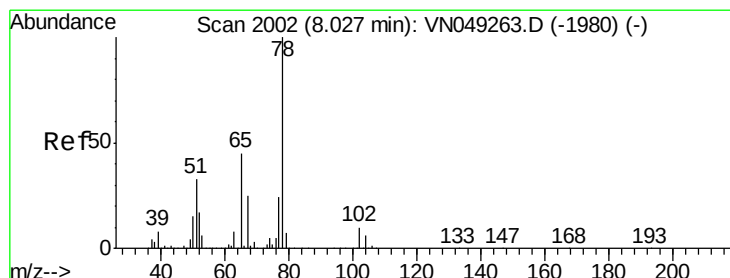
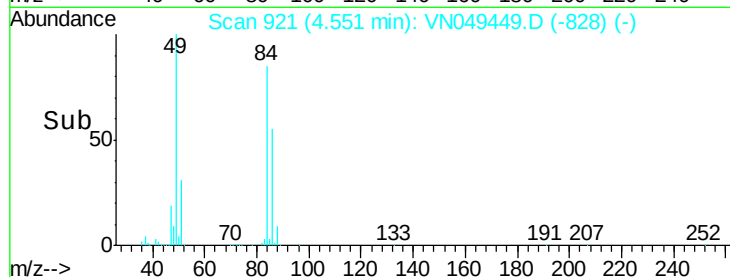
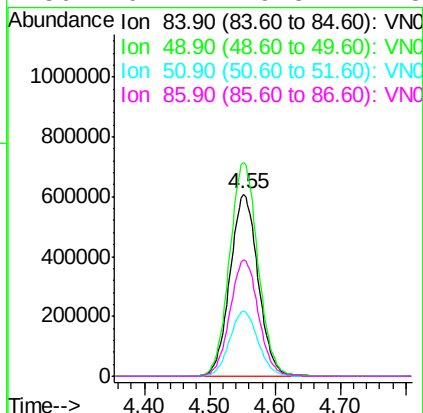
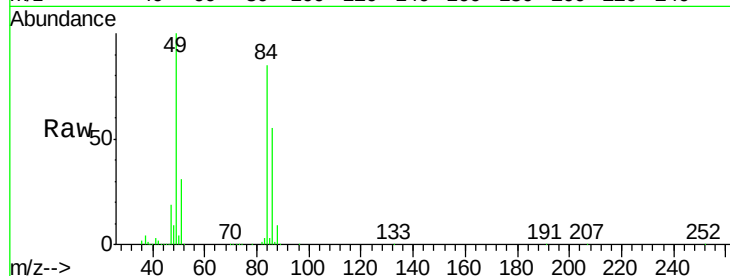


#20
Methylene Chloride
Concen: 109.89 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049449.D
Acq: 20 Jun 2018 20:55

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

Tot Ion: 84 Resp: 1819997

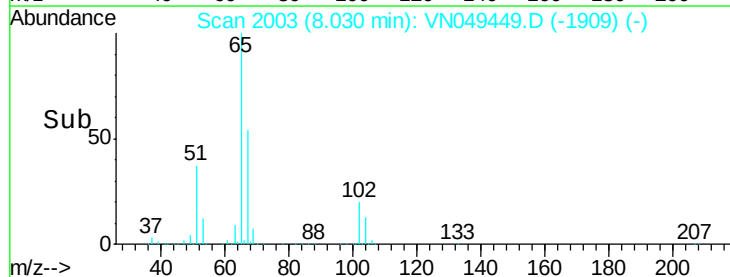
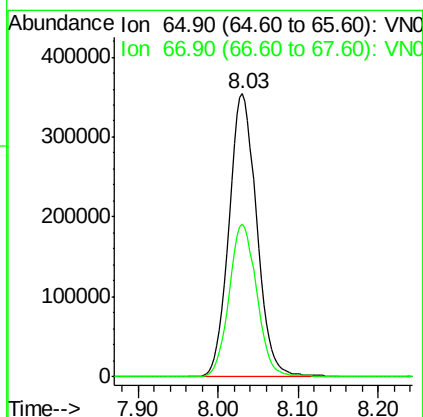
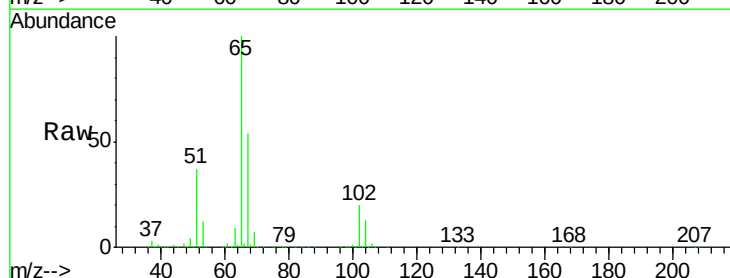
Ion	Ratio	Lower	Upper
84	100		
49	117.3	106.9	160.3
51	35.9	32.7	49.1
86	64.1	49.8	74.8

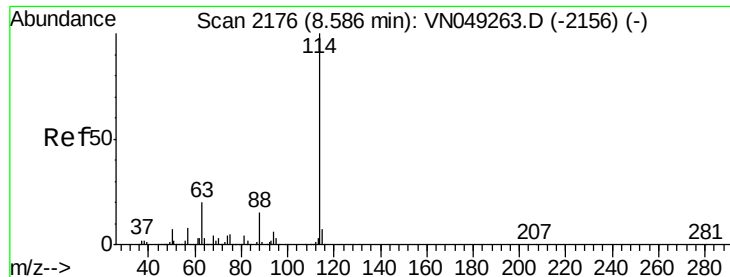


#33
1,2-Dichloroethane-d4
Concen: 51.13 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049449.D
Acq: 20 Jun 2018 20:55

Tgt Ion: 65 Resp: 834982

Ion	Ratio	Lower	Upper
65	100		
67	53.9	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: VN049449.D

Acq: 20 Jun 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

CL-02-061918-D

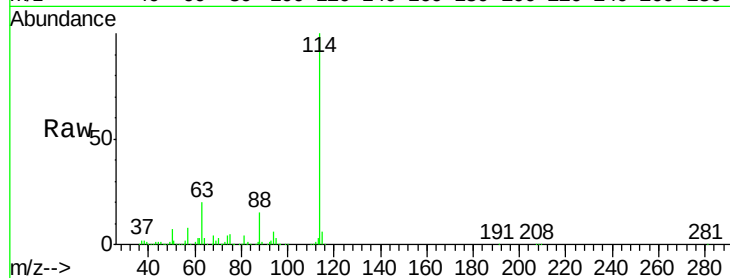
Tot Ion:114 Resp: 1992795

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

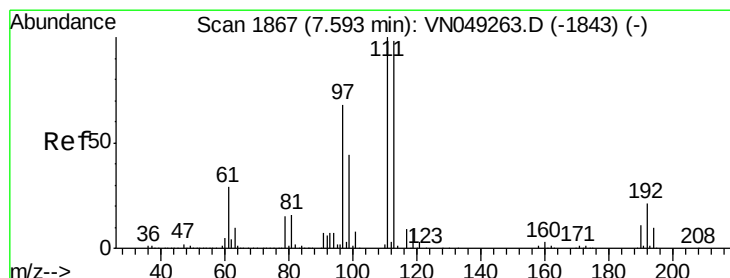
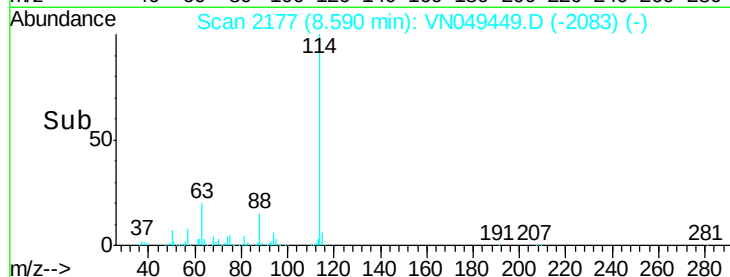
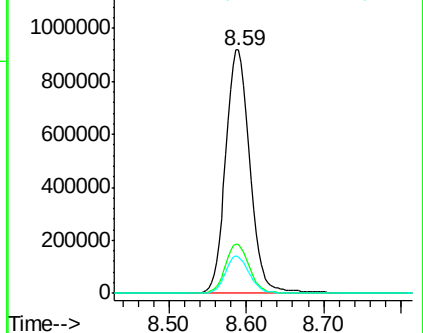
88 15.0 0.0 31.4



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: 45.37 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049449.D

Acq: 20 Jun 2018 20:55

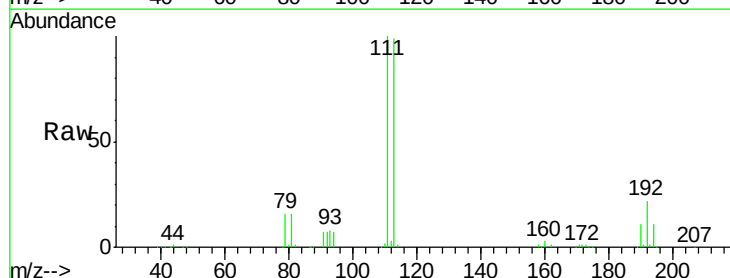
Tgt Ion:113 Resp: 731509

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

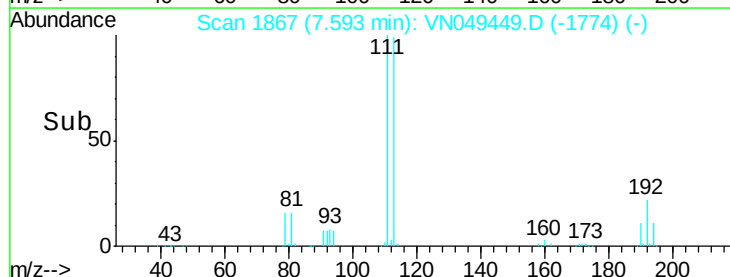
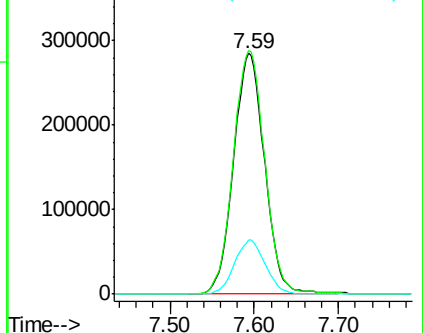
192 22.2 15.0 22.6

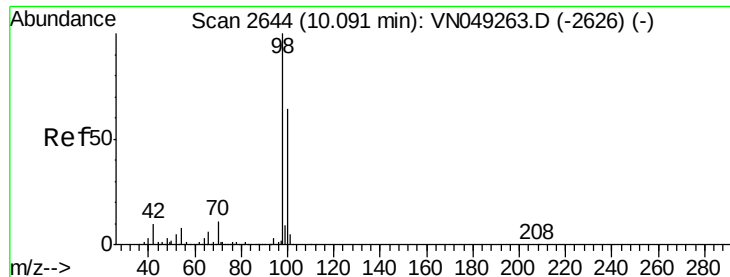


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.19 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049449.D

Acq: 20 Jun 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

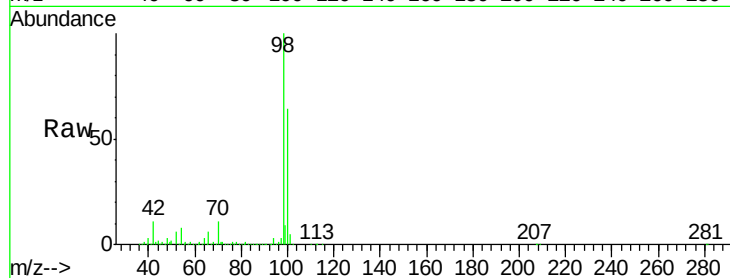
CL-02-061918-D

Tot Ion: 98 Resp: 2712661

Ion Ratio Lower Upper

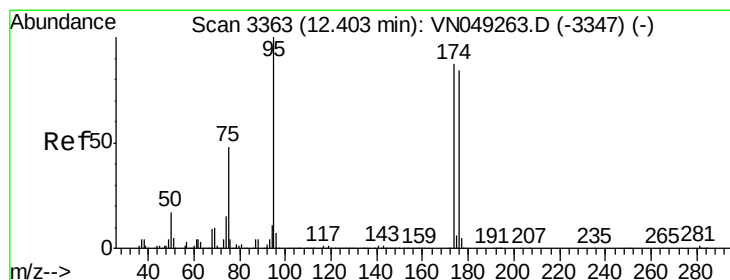
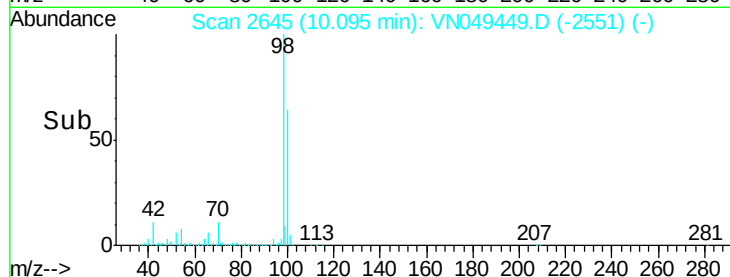
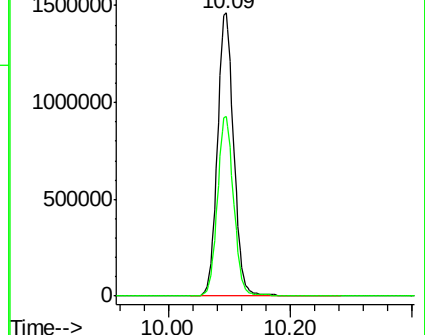
98 100

100 63.2 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) (-)



#62

4-Bromofluorobenzene

Concen: 35.77 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049449.D

Acq: 20 Jun 2018 20:55

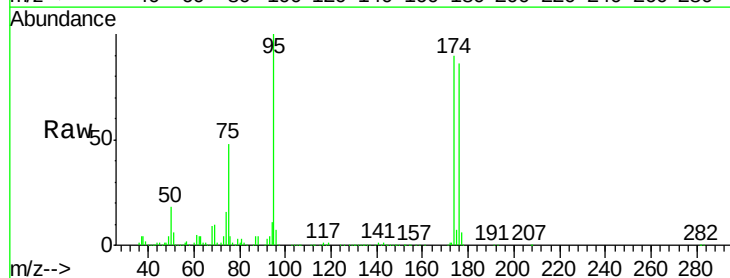
Tgt Ion: 95 Resp: 726144

Ion Ratio Lower Upper

95 100

174 89.1 0.0 165.6

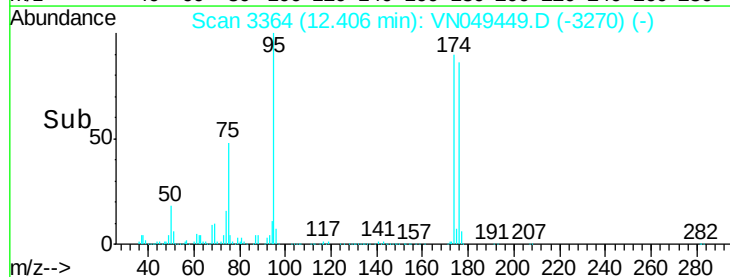
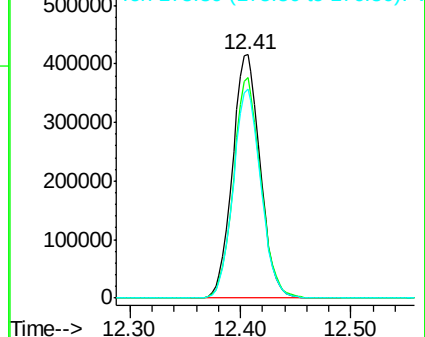
176 85.2 0.0 157.4

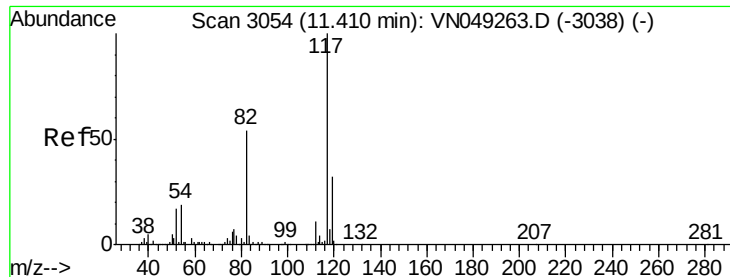


Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

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

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

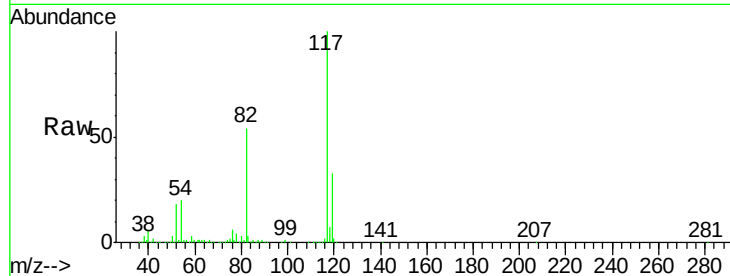




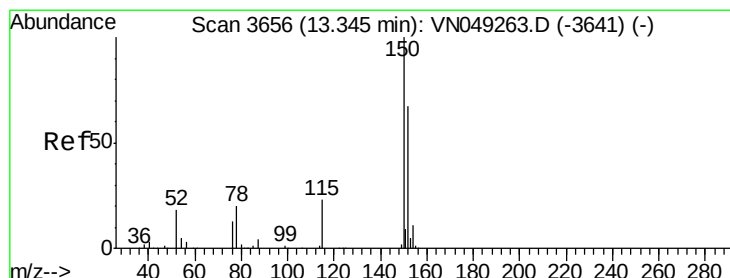
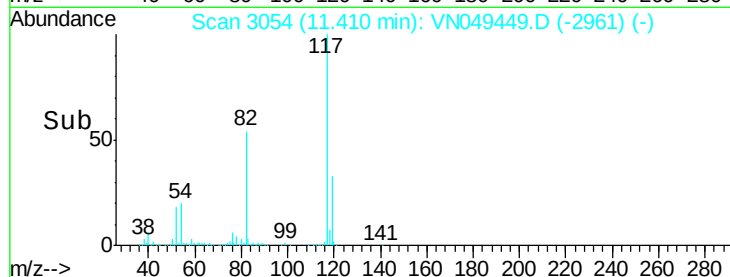
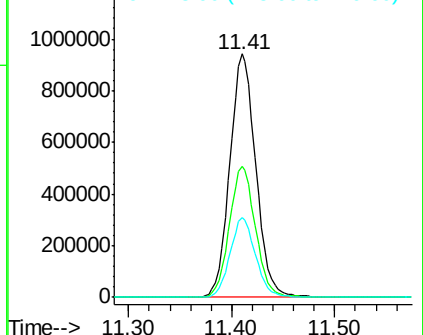
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049449.D
Acq: 20 Jun 2018 20:55

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

Tot Ion:117 Resp: 1655663
Ion Ratio Lower Upper
117 100
82 54.0 45.9 68.9
119 32.7 25.5 38.3

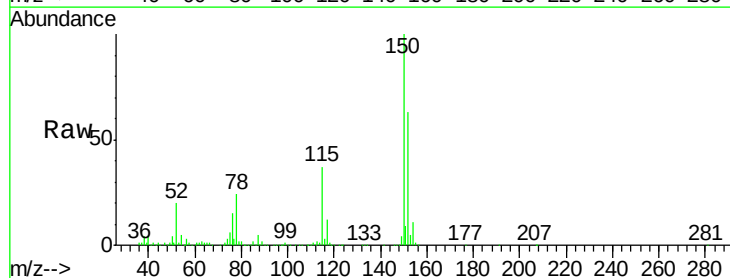


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

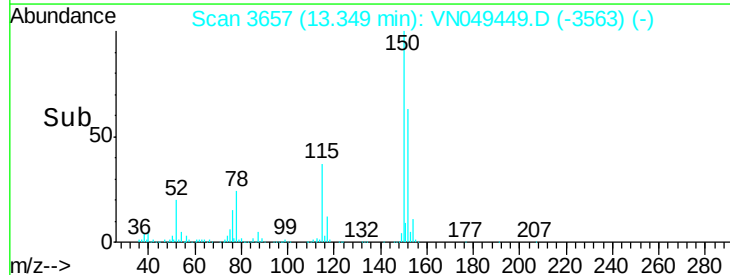
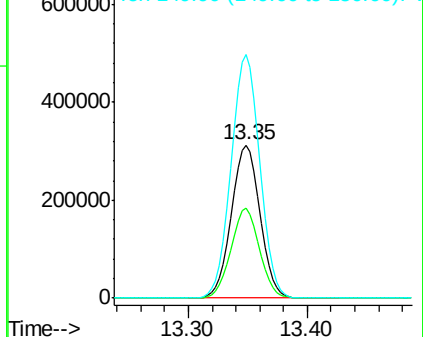


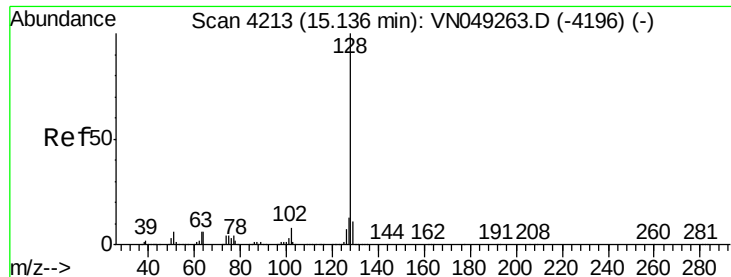
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049449.D
Acq: 20 Jun 2018 20:55

Tgt Ion:152 Resp: 520202
Ion Ratio Lower Upper
152 100
115 58.2 28.7 86.1
150 159.5 0.0 351.0



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

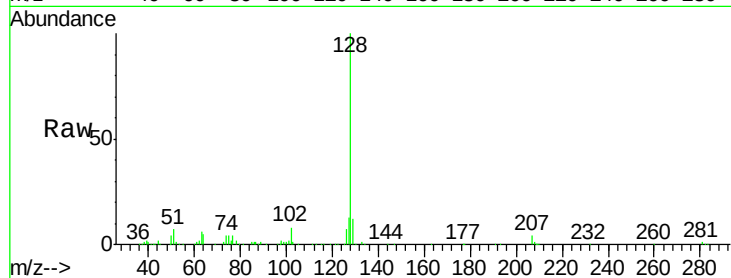




#95
Naphthalene
Concen: 15.72 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049449.D
Acq: 20 Jun 2018 20:55

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	16.0
129	10.8	8.5	12.7



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

