

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049456.D
 Acq On : 20 Jun 2018 23:56
 Operator : MD\SY
 Sample : J3584-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-S

Quant Time: Jun 21 03:21:36 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	1220855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1949734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1579177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	495443	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	821027	50.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.40%	
35) Dibromofluoromethane	7.59	113	729310	46.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.46%	
50) Toluene-d8	10.09	98	2640259	43.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.92%	
62) 4-Bromofluorobenzene	12.40	95	679519	34.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	68.44%	

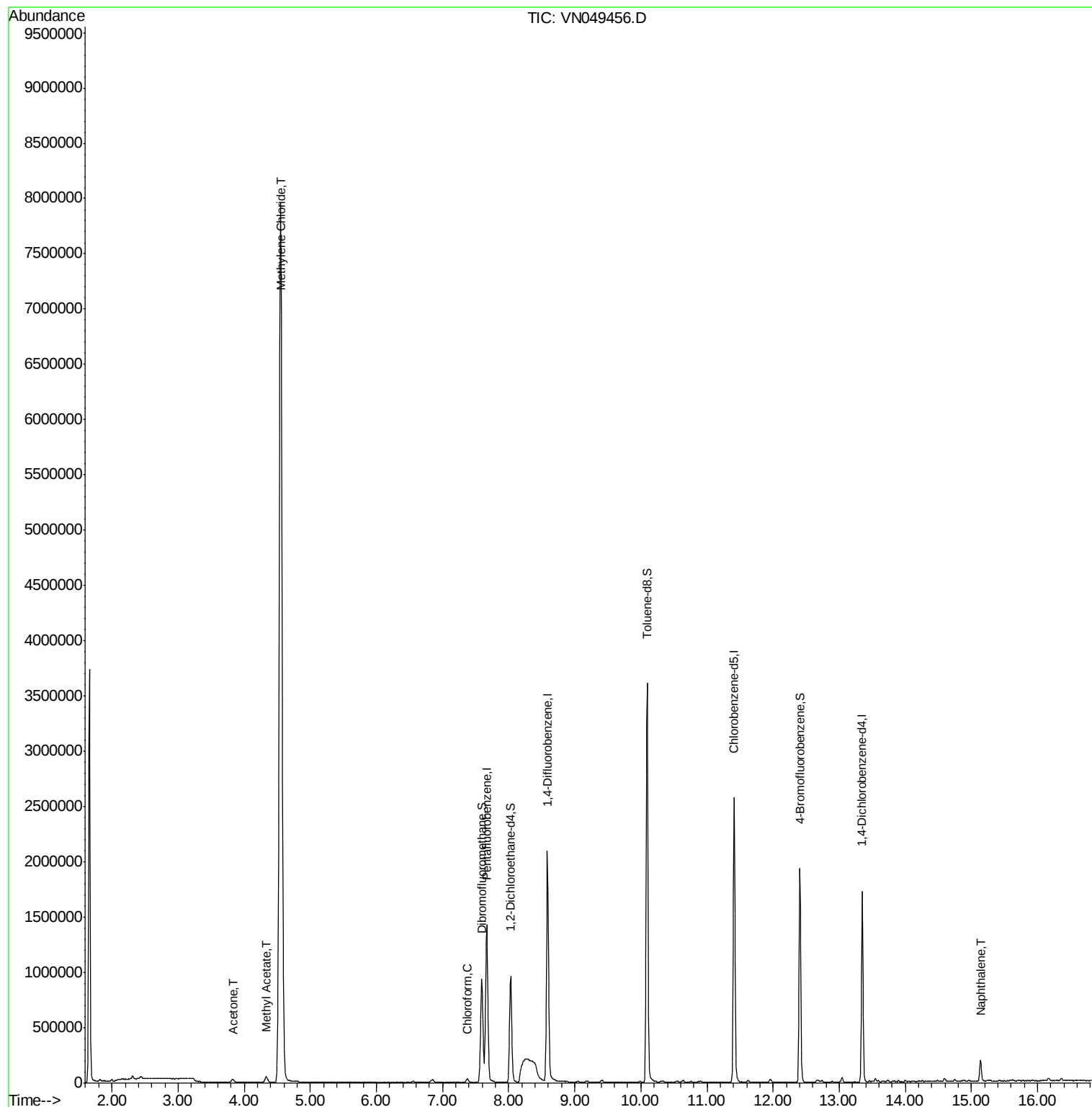
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	50654	12.88	ug/l	92
18) Methyl Acetate	4.33	43	104762	8.74	ug/l	95
20) Methylene Chloride	4.55	84	6095914	371.24	ug/l	91
30) Chloroform	7.37	83	35322	1.26	ug/l	100
95) Naphthalene	15.14	128	168511	13.94	ug/l	99

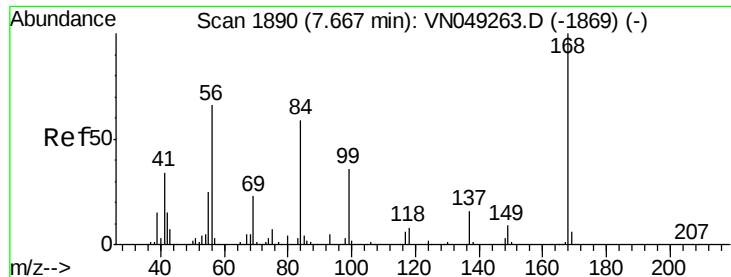
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062018\
Data File : VN049456.D
Acq On : 20 Jun 2018 23:56
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Quant Time: Jun 21 03:21:36 2018
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QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

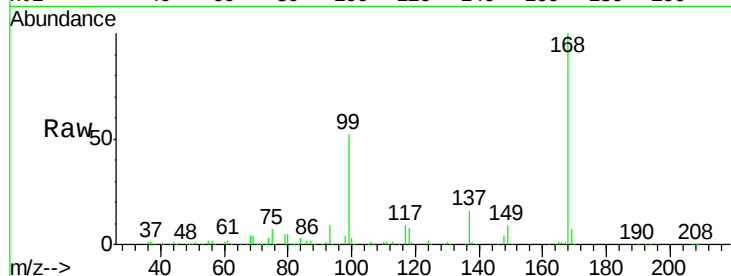
TP-2-S

Tot Ion:168 Resp: 1220855

Ion Ratio Lower Upper

168 100

99 51.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

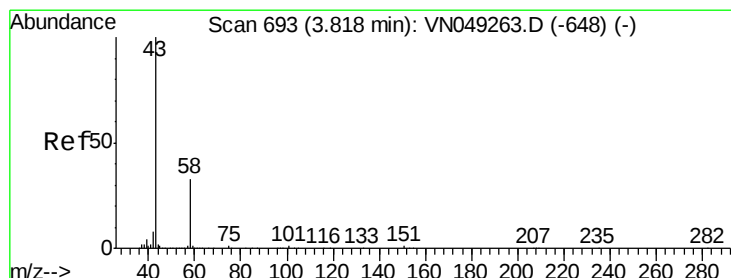
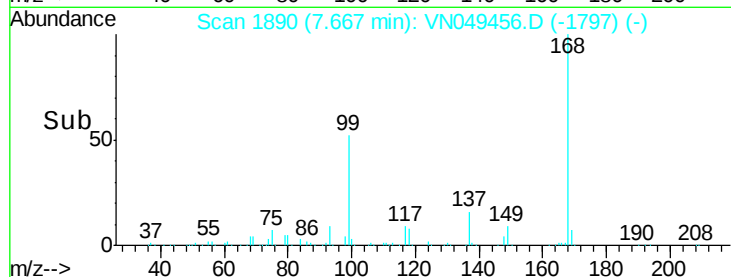
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 12.88 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049456.D

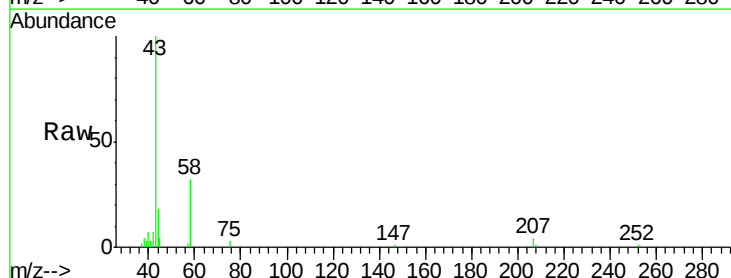
Acq: 20 Jun 2018 23:56

Tgt Ion: 43 Resp: 50654

Ion Ratio Lower Upper

43 100

58 32.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

20000

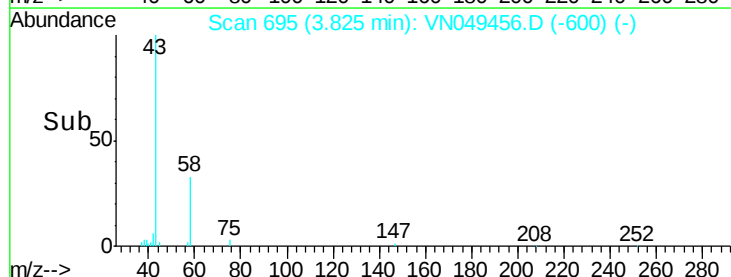
15000

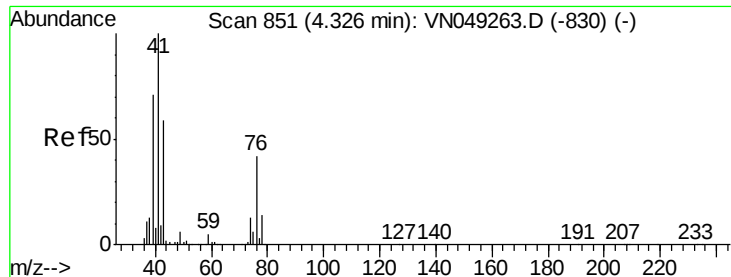
10000

5000

0

Time-->

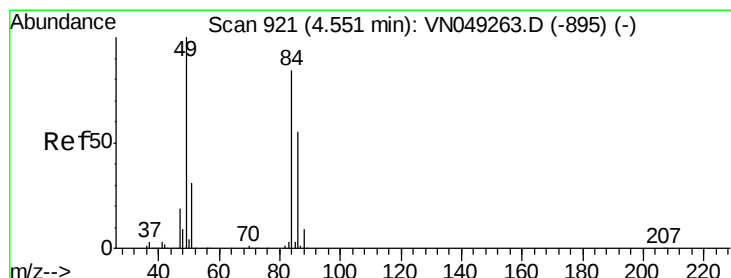
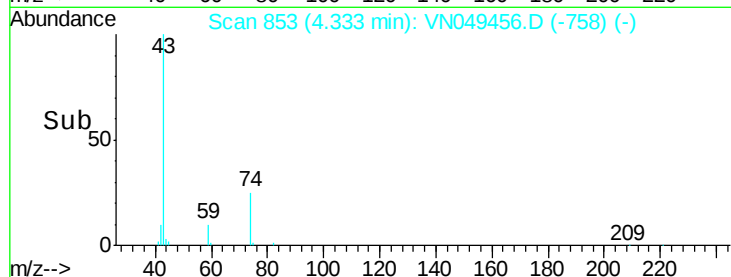
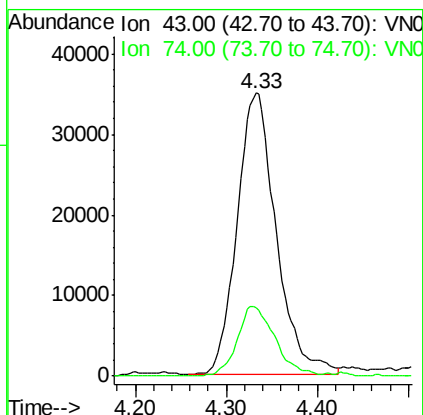
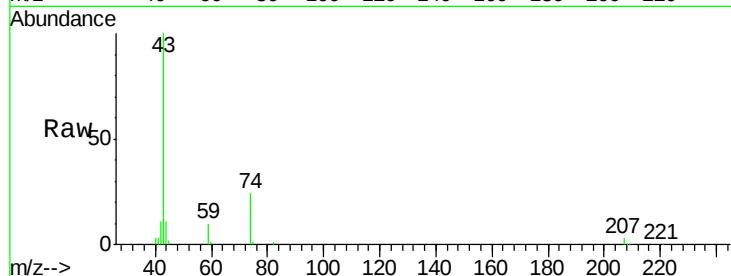




#18
Methvl Acetate
Concen: 8.74 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049456.D
Acq: 20 Jun 2018 23:56

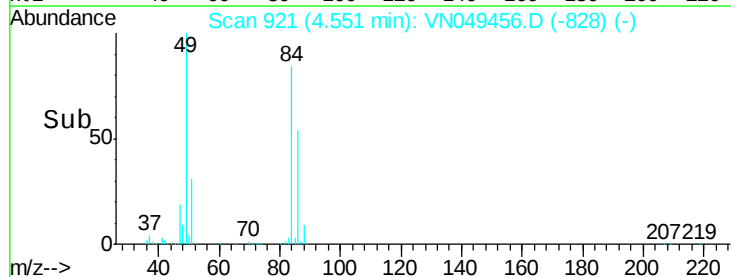
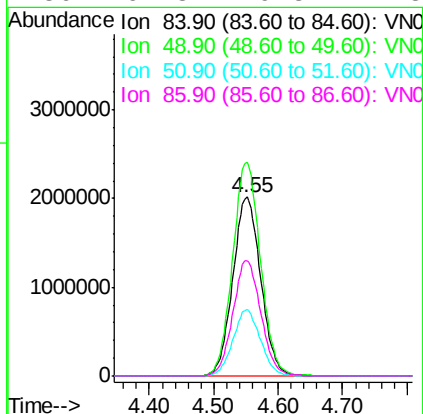
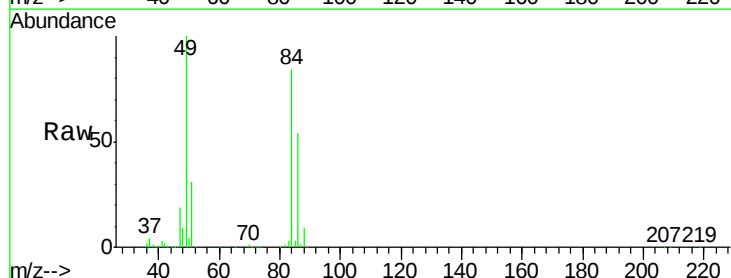
Instrument :
MSVOA_N
ClientSampled :
TP-2-S

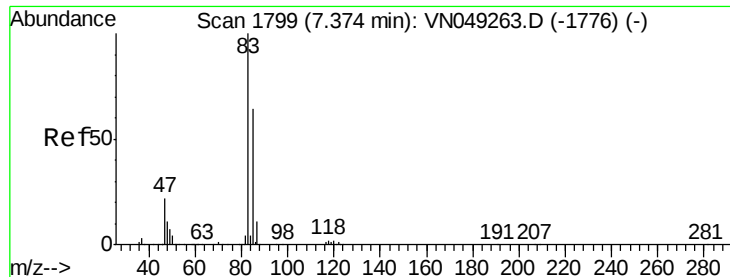
Tot Ion: 43 Resp: 104762
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0



#20
Methylene Chloride
Concen: 371.24 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049456.D
Acq: 20 Jun 2018 23:56

Tgt Ion: 84 Resp: 6095914
Ion Ratio Lower Upper
84 100
49 119.4 106.9 160.3
51 37.1 32.7 49.1
86 64.8 49.8 74.8

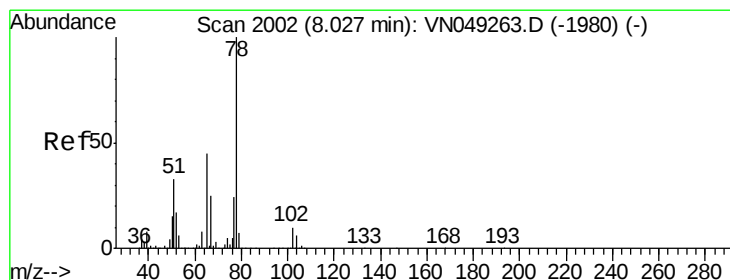
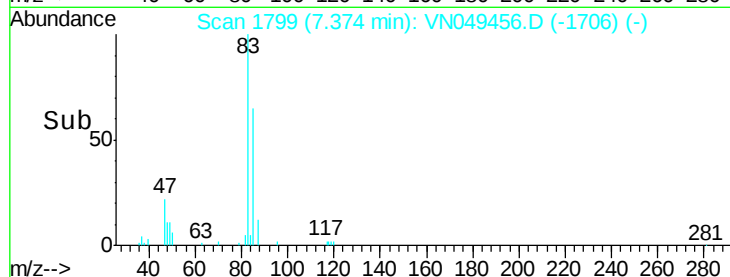
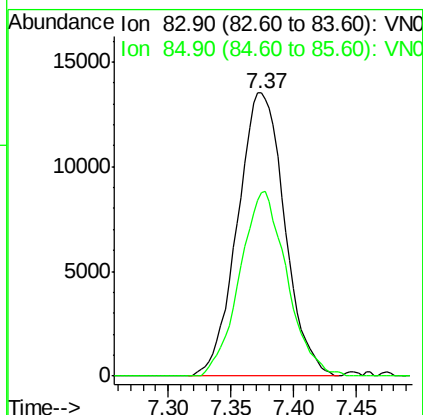
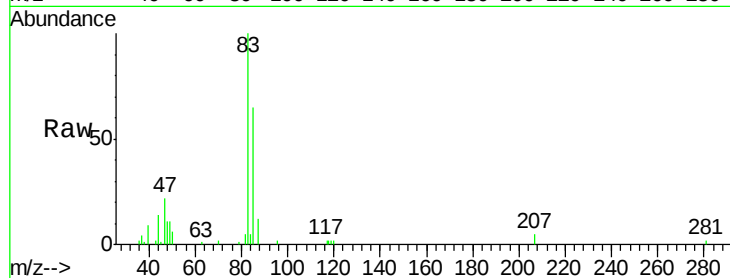




#30
Chloroform
Concen: 1.26 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049456.D
Acq: 20 Jun 2018 23:56

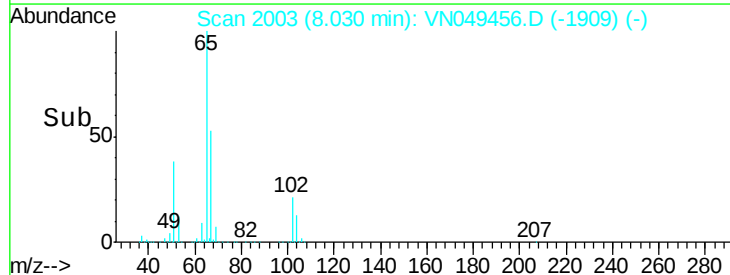
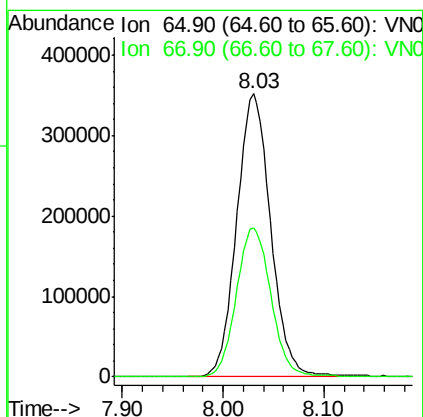
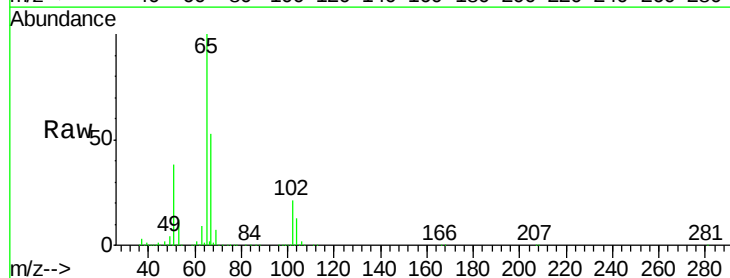
Instrument :
MSVOA_N
ClientSampled :
TP-2-S

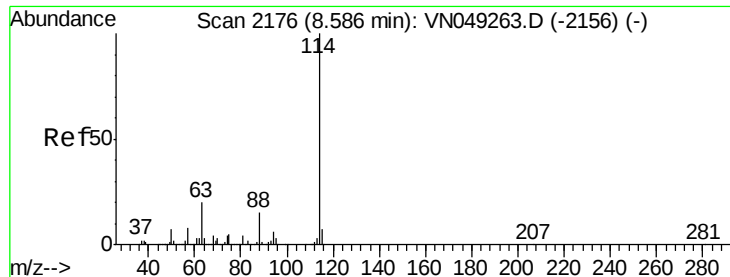
Tot Ion: 83 Resp: 35322
Ion Ratio Lower Upper
83 100
85 64.7 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 50.70 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049456.D
Acq: 20 Jun 2018 23:56

Tgt Ion: 65 Resp: 821027
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

TP-2-S

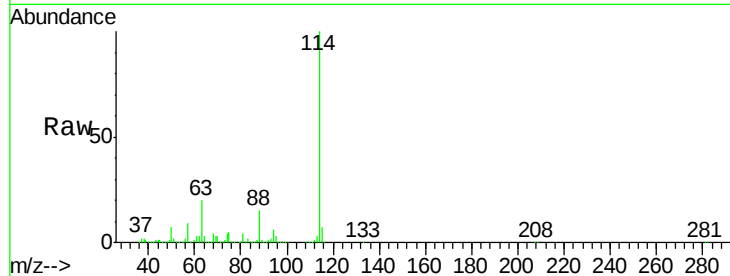
Tot Ion:114 Resp: 1949734

Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.4

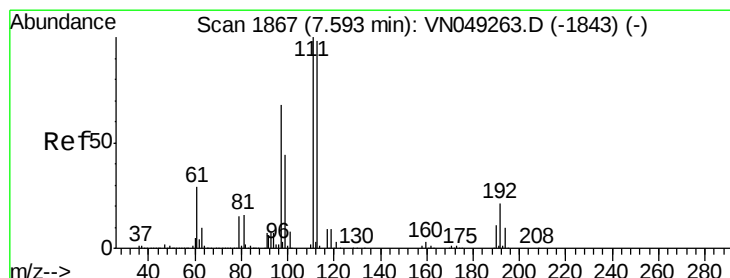
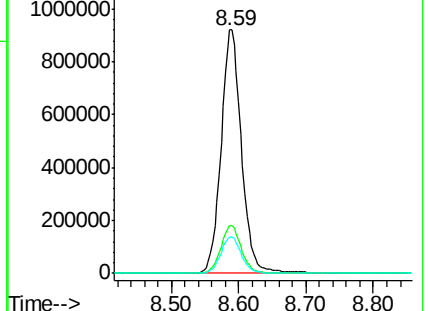
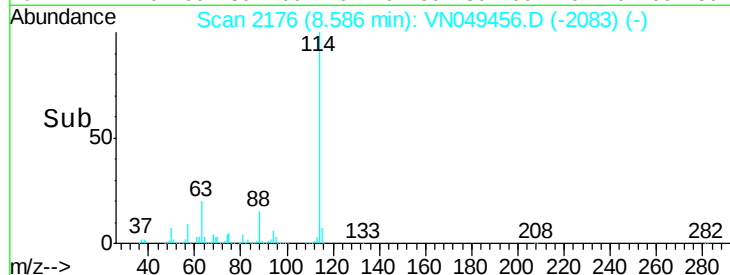
88 15.0 0.0 31.4



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: 46.23 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

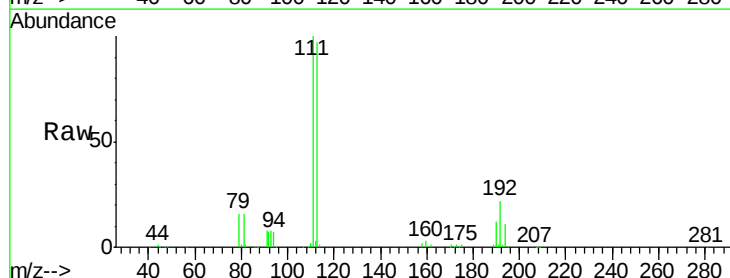
Tgt Ion:113 Resp: 729310

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

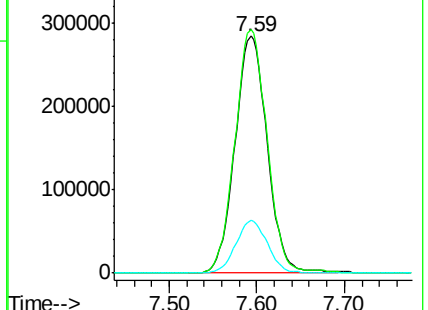
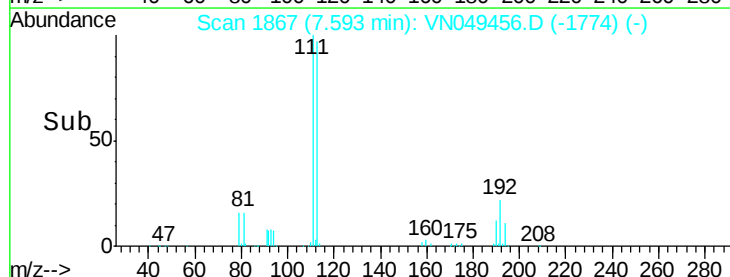
192 21.8 15.0 22.6

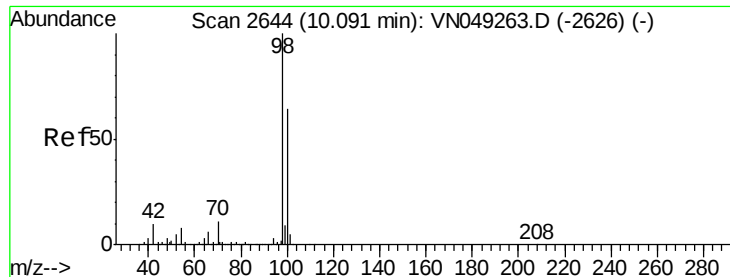


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.96 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

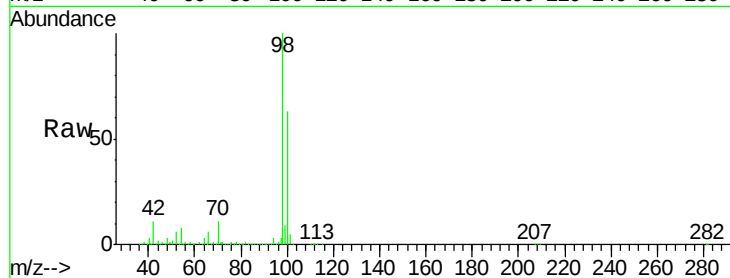
TP-2-S

Tot Ion: 98 Resp: 2640259

Ion Ratio Lower Upper

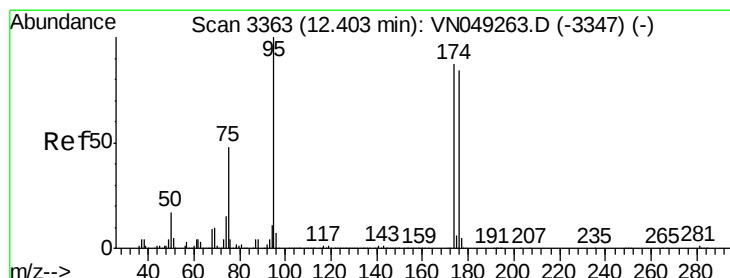
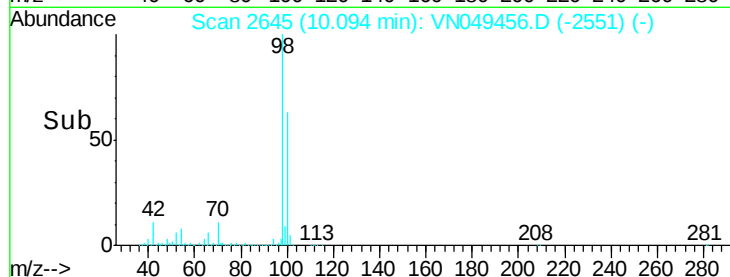
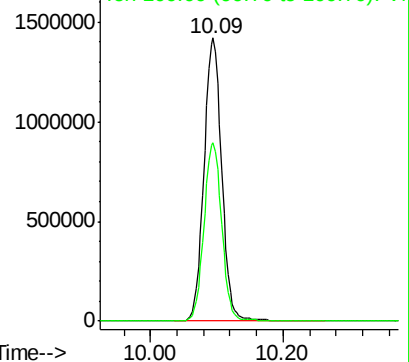
98 100

100 63.0 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 34.22 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

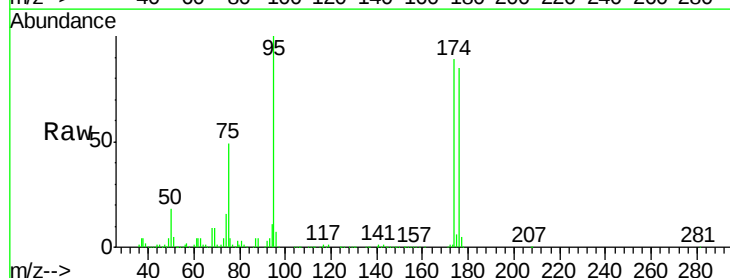
Tgt Ion: 95 Resp: 679519

Ion Ratio Lower Upper

95 100

174 90.8 0.0 165.6

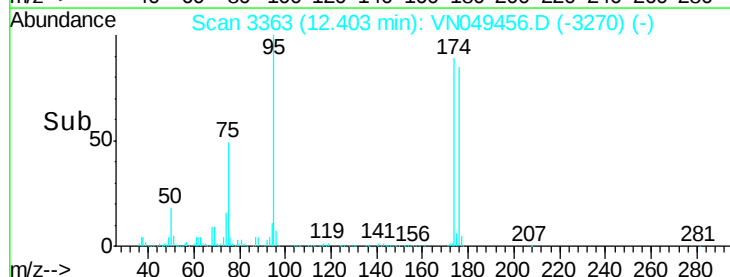
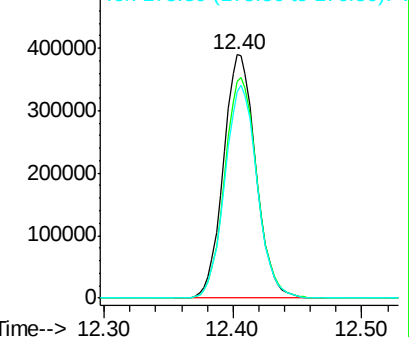
176 87.4 0.0 157.4

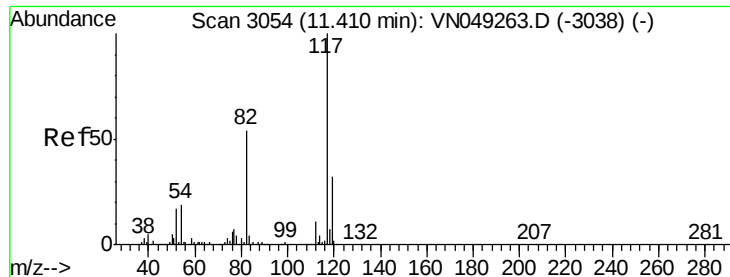


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

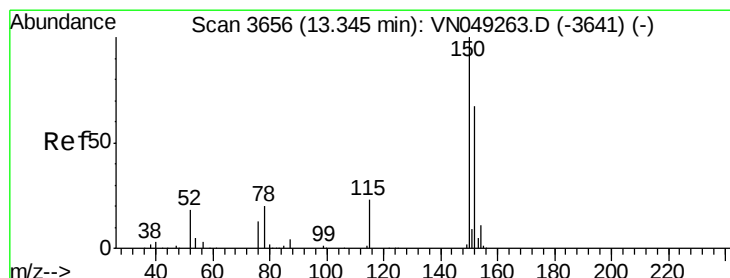
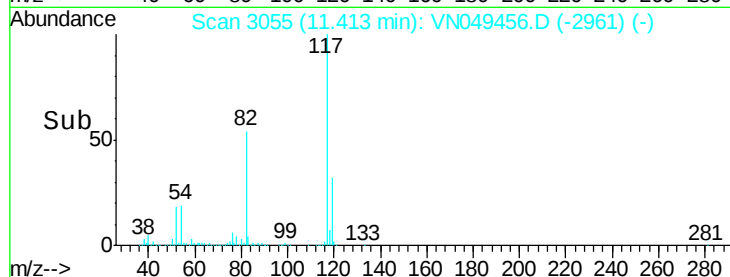
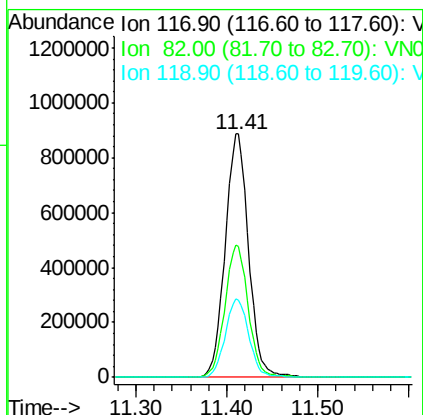
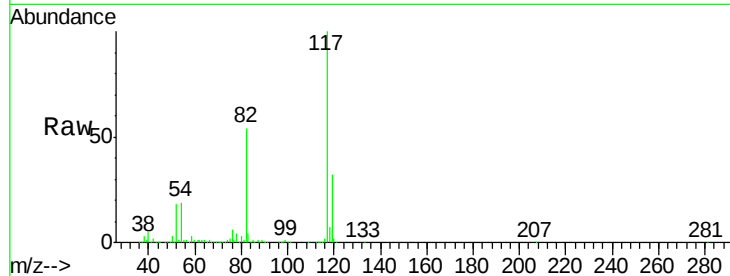




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN049456.D
Acq: 20 Jun 2018 23:56

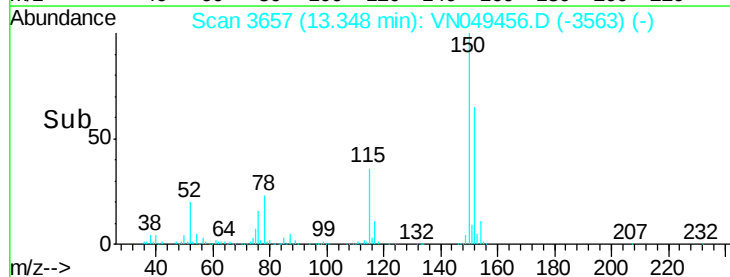
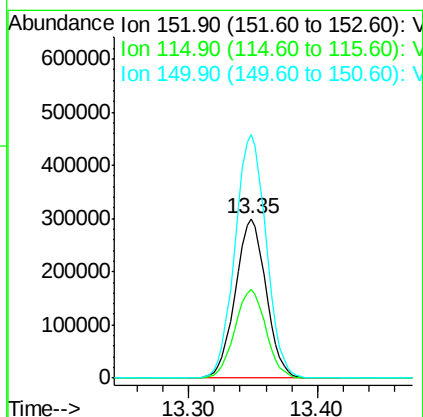
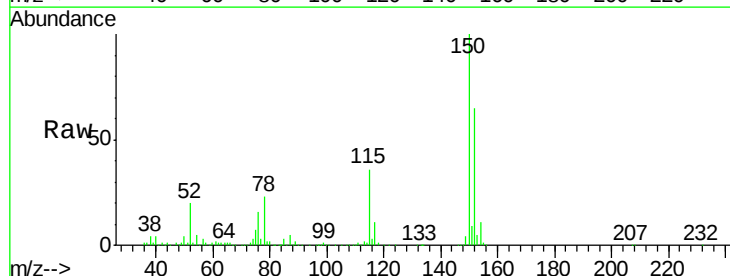
Instrument :
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TP-2-S

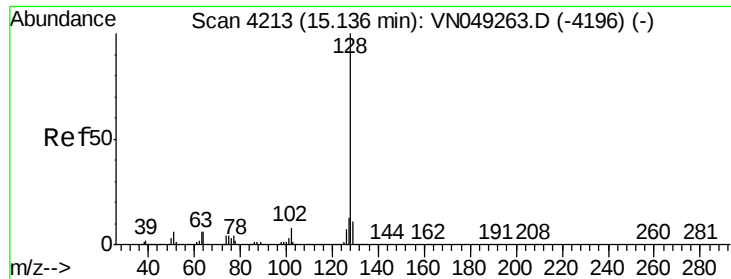
Tot Ion:117 Resp: 1579177
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049456.D
Acq: 20 Jun 2018 23:56

Tgt Ion:152 Resp: 495443
Ion Ratio Lower Upper
152 100
115 56.6 28.7 86.1
150 155.3 0.0 351.0





#95

Naphthalene

Concen: 13.94 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

TP-2-S

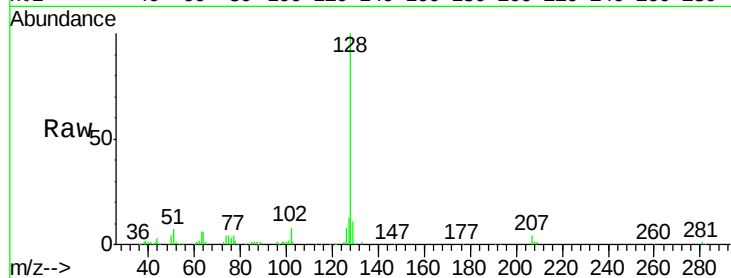
Tot Ion:128 Resp: 168511

Ion Ratio Lower Upper

128 100

127 13.0 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

