

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049497.D
 Acq On : 22 Jun 2018 17:40
 Operator : MD\SY
 Sample : PB116445ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116445ZHE#10

Quant Time: Jun 22 23:10:55 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	1141344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1776560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1485235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	382776	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	779386	51.49	ug/l	0.00
Spiked Amount						
			Recovery	=	102.98%	
35) Dibromofluoromethane	7.59	113	685322	47.68	ug/l	0.00
Spiked Amount						
			Recovery	=	95.36%	
50) Toluene-d8	10.09	98	2464563	45.03	ug/l	0.00
Spiked Amount						
			Recovery	=	90.06%	
62) 4-Bromofluorobenzene	12.40	95	591456	32.68	ug/l	0.00
Spiked Amount						
			Recovery	=	65.36%	

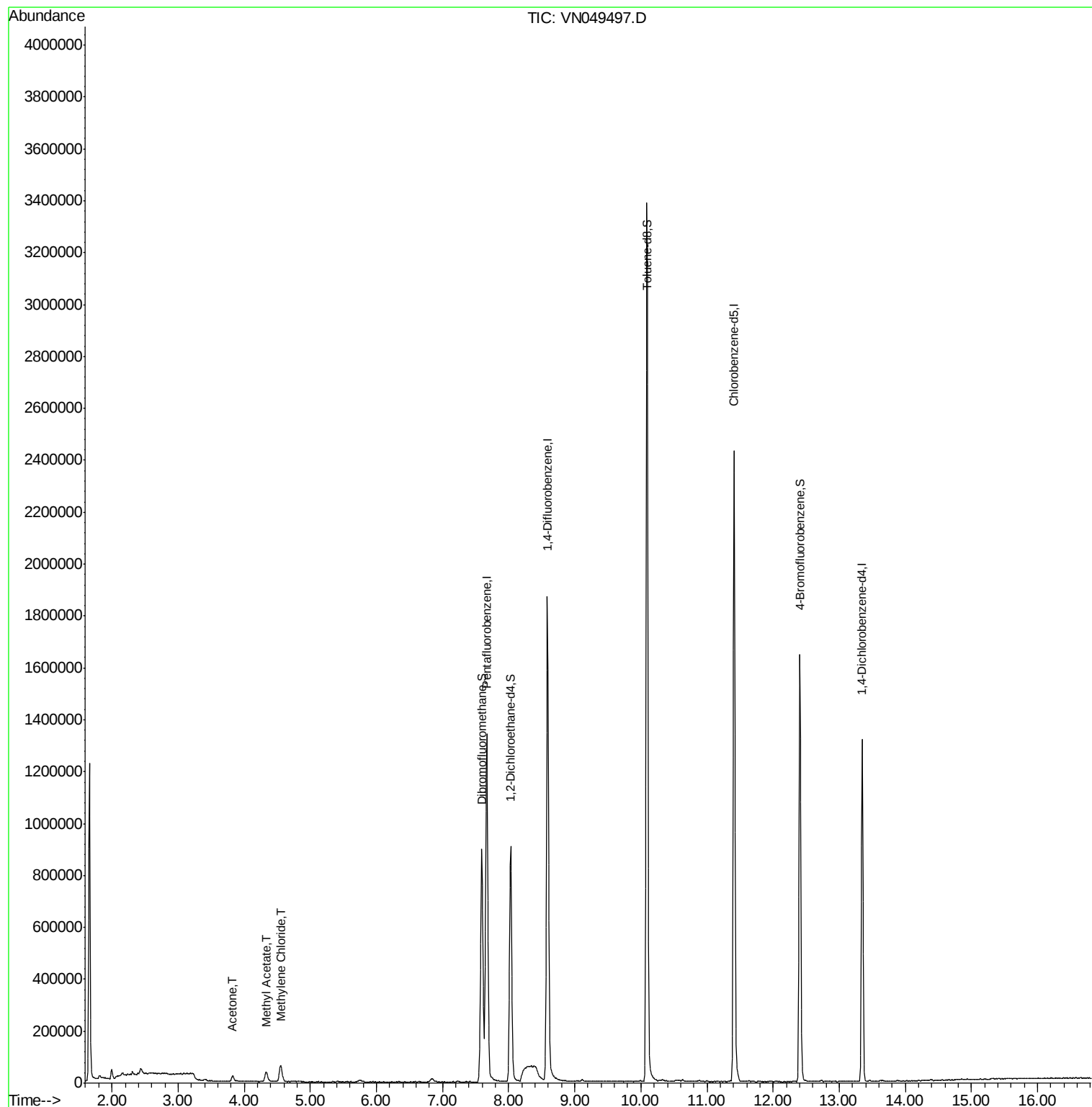
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	33352	9.07	ug/l	91
18) Methyl Acetate	4.33	43	74983	6.69	ug/l	94
20) Methylene Chloride	4.55	84	47664	3.10	ug/l	90

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

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Quant Title : SW846 8260
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# 1891

Delta R.T. 0.00 min

Lab File: VN049497.D

Acq: 22 Jun 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

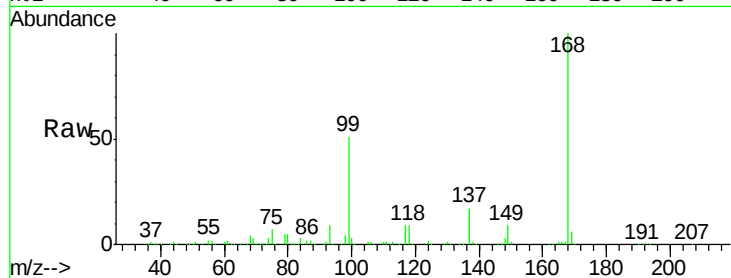
PB116445ZHE#10

Tot Ion:168 Resp: 1141344

Ion Ratio Lower Upper

168 100

99 51.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049497.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN049497.D (-1797) (-)

7.67

500000

400000

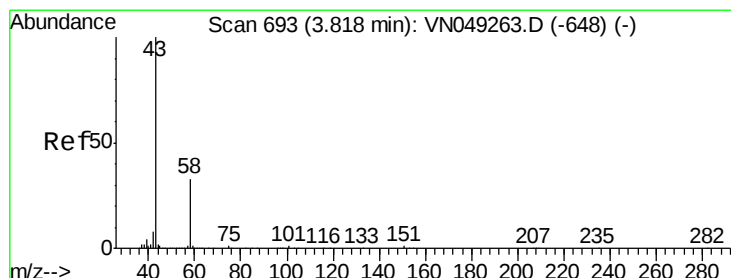
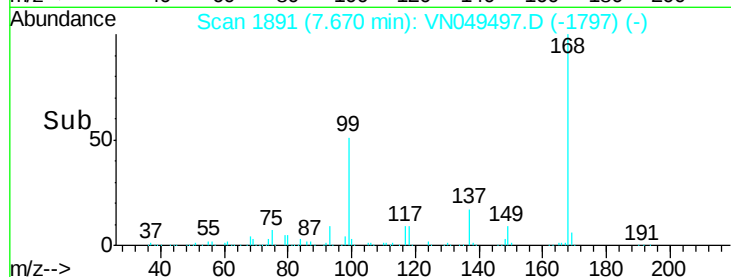
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 9.07 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049497.D

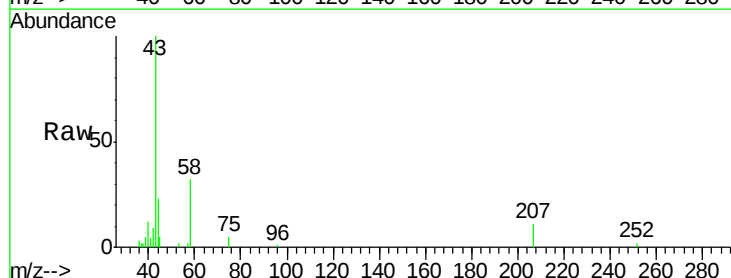
Acq: 22 Jun 2018 17:40

Tgt Ion: 43 Resp: 33352

Ion Ratio Lower Upper

43 100

58 33.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN049497.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN049497.D (-600) (-)

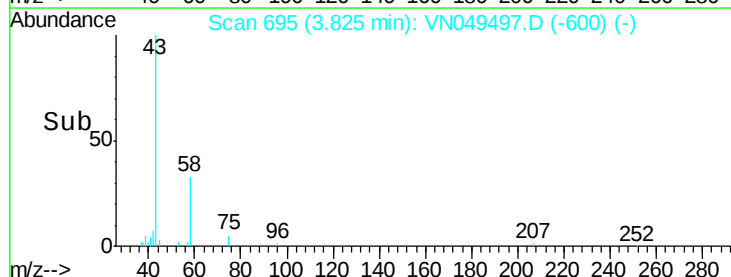
3.82

10000

5000

0

Time-->

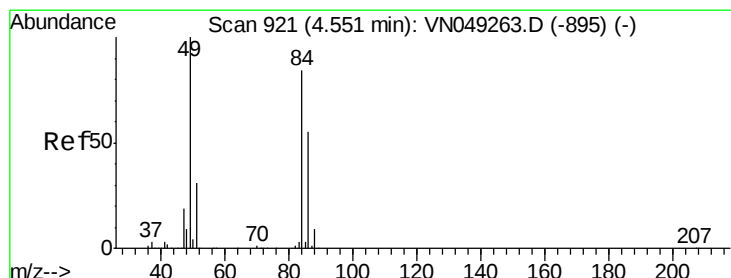
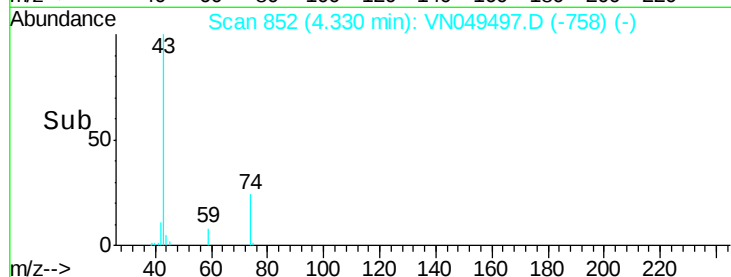
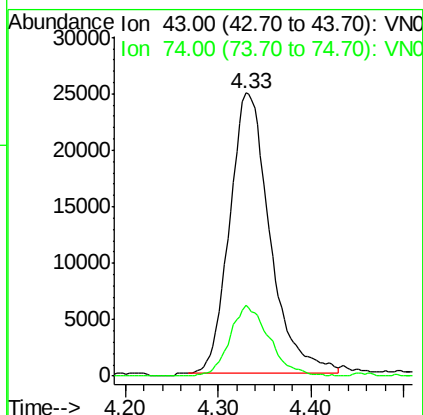
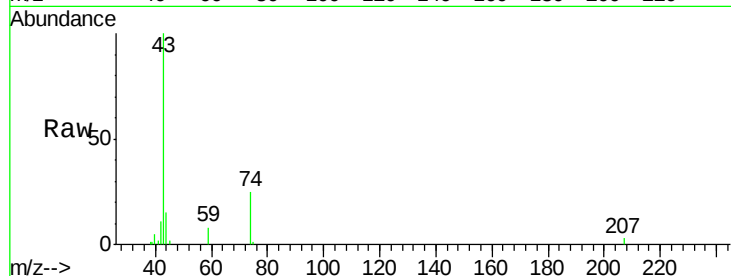




#18
Methvl Acetate
Concen: 6.69 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049497.D
Acq: 22 Jun 2018 17:40

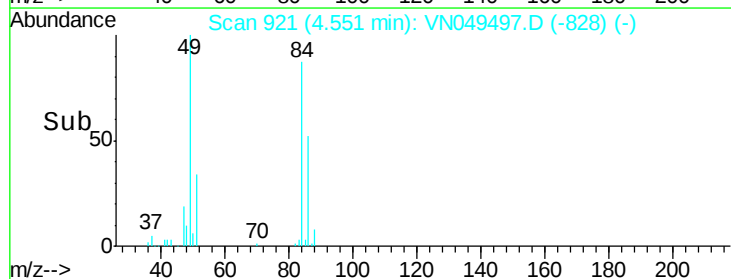
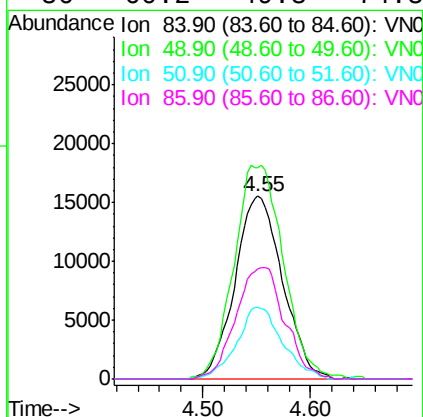
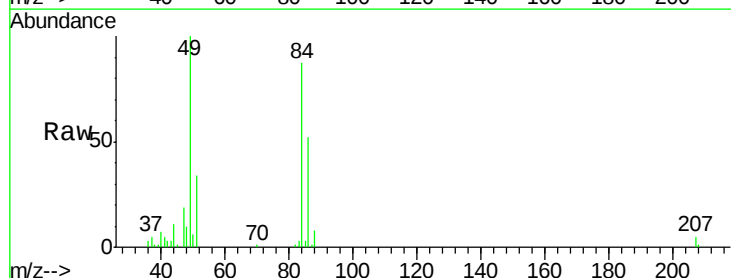
Instrument :
MSVOA_N
ClientSampleId :
PB116445ZHE#10

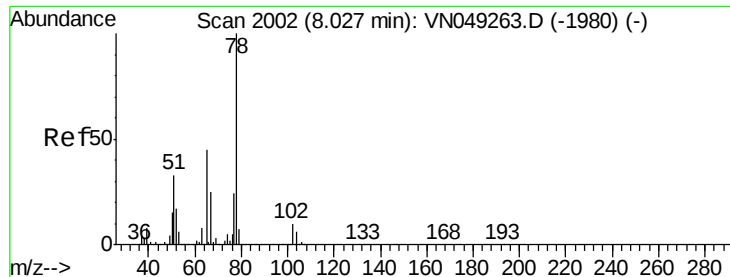
Tot Ion: 43 Resp: 74983
Ion Ratio Lower Upper
43 100
74 24.5 17.4 26.0



#20
Methylene Chloride
Concen: 3.10 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049497.D
Acq: 22 Jun 2018 17:40

Tgt Ion: 84 Resp: 47664
Ion Ratio Lower Upper
84 100
49 115.3 106.9 160.3
51 39.0 32.7 49.1
86 60.2 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 51.49 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049497.D

Acq: 22 Jun 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

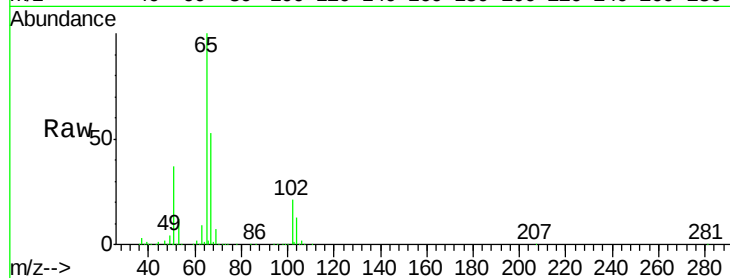
PB116445ZHE#10

Tot Ion: 65 Resp: 779386

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049497.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049497.D (-1909) (-)

8.03

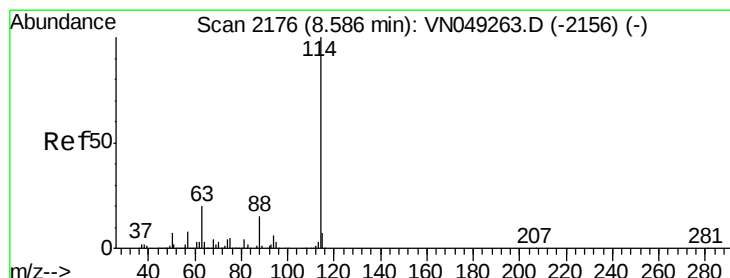
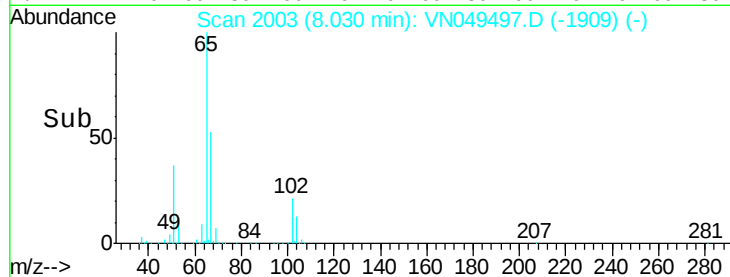
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049497.D

Acq: 22 Jun 2018 17:40

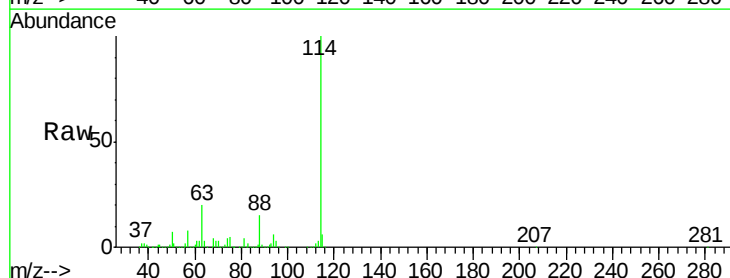
Tgt Ion: 114 Resp: 1776560

Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.4

88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049497.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049497.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049497.D (-2083) (-)

8.59

1000000

800000

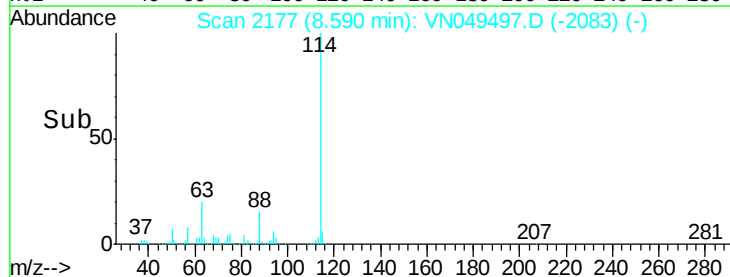
600000

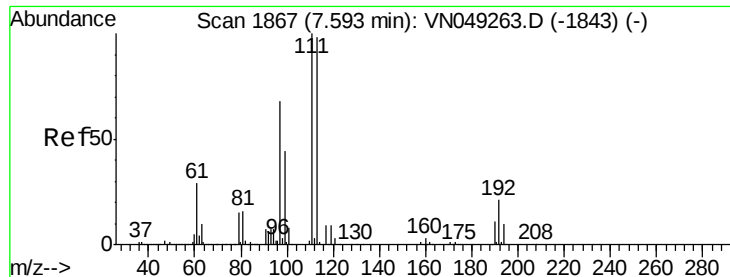
400000

200000

0

Time-->

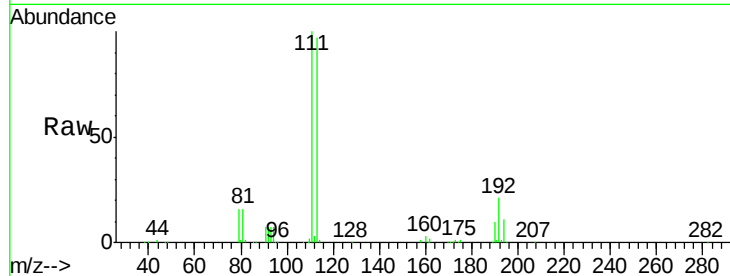




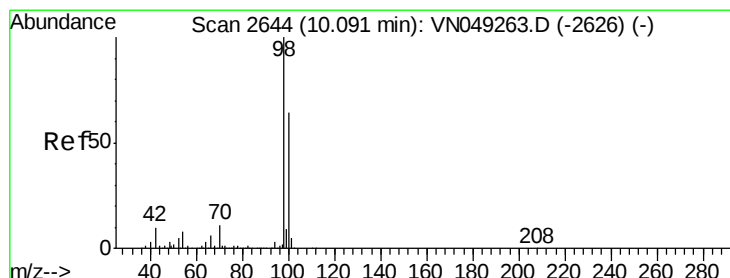
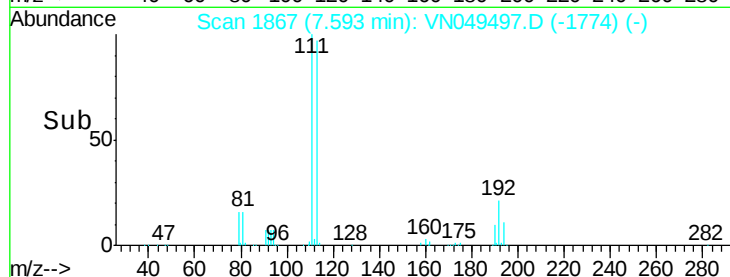
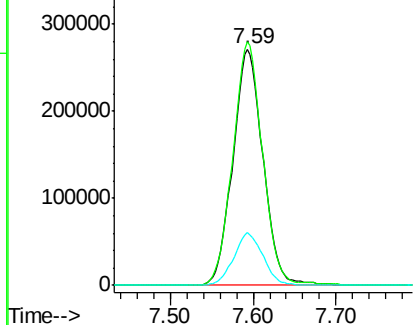
#35
 Dibromofluoromethane
 Concen: 47.68 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049497.D
 Acq: 22 Jun 2018 17:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116445ZHE#10

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	21.7	15.0	22.6

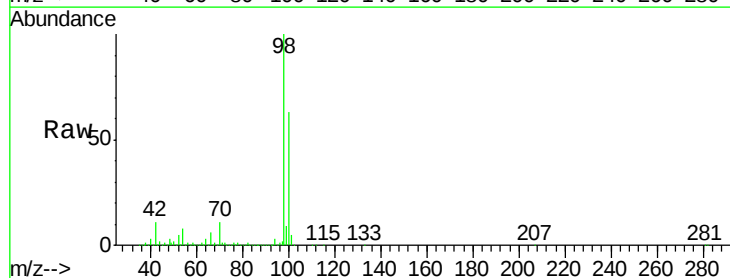


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

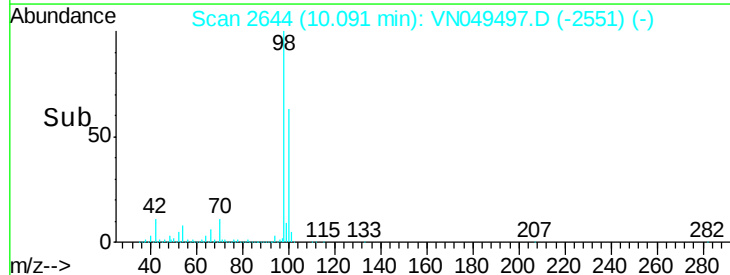
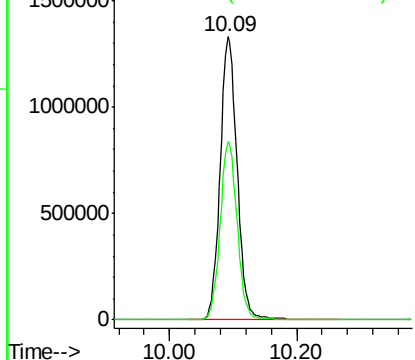


#50
 Toluene-d8
 Concen: 45.03 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049497.D
 Acq: 22 Jun 2018 17:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	49.8	74.8



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 32.68 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049497.D

Acq: 22 Jun 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

PB116445ZHE#10

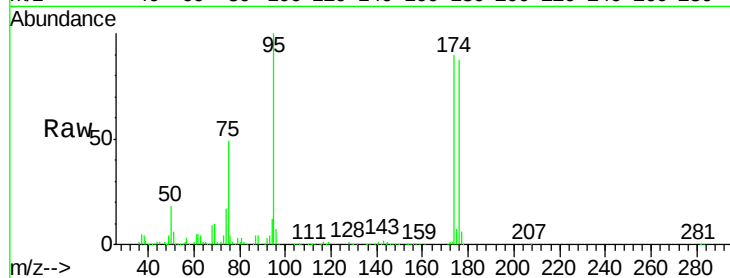
Tot Ion: 95 Resp: 591456

Ion Ratio Lower Upper

95 100

174 90.7 0.0 165.6

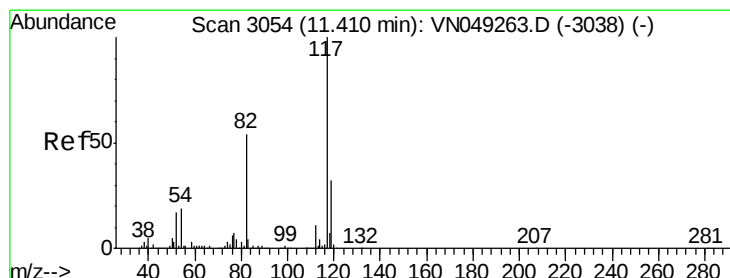
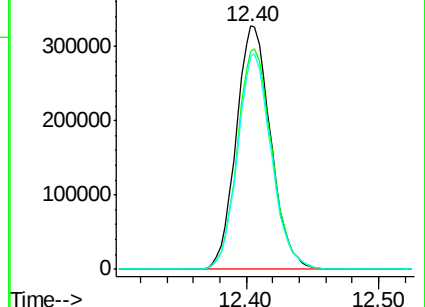
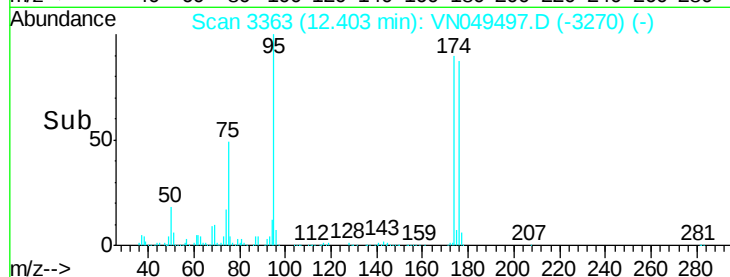
176 86.8 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049497.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049497.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049497.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049497.D

Acq: 22 Jun 2018 17:40

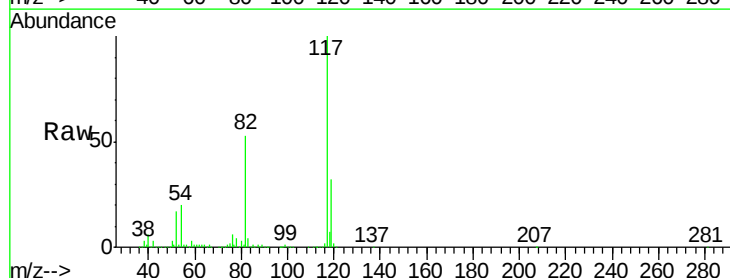
Tgt Ion: 117 Resp: 1485235

Ion Ratio Lower Upper

117 100

82 53.1 45.9 68.9

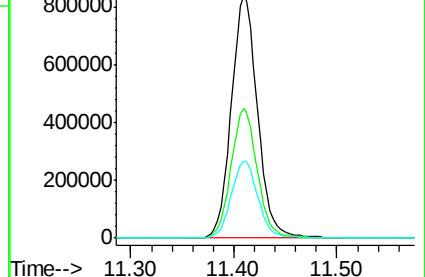
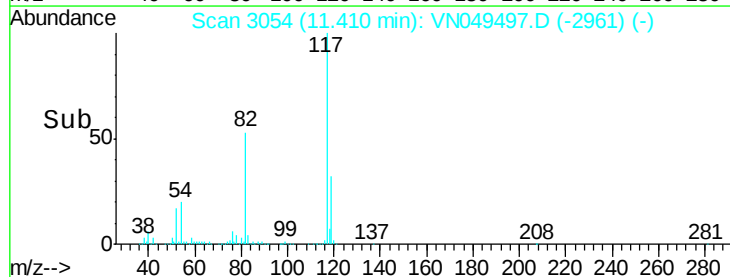
119 31.8 25.5 38.3

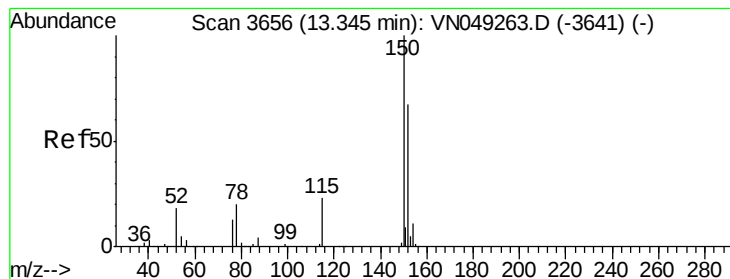


Abundance Ion 116.90 (116.60 to 117.60): VN049497.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049497.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049497.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049497.D

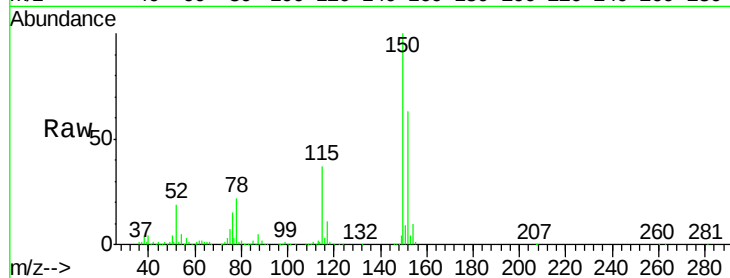
Acq: 22 Jun 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

PB116445ZHE#10



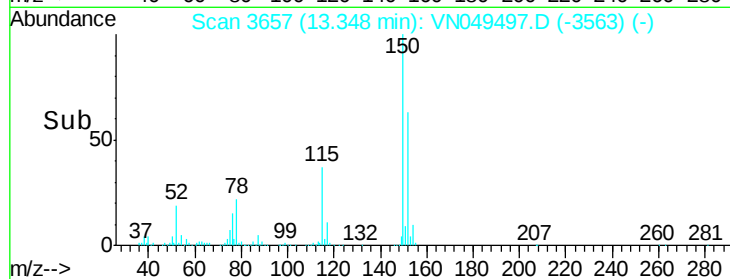
Tot Ion:152 Resp: 382776

Ion Ratio Lower Upper

152 100

115 57.6 28.7 86.1

150 157.1 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

