

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056462.D
 Acq On : 24 Jun 2019 17:43
 Operator : JC/SP
 Sample : K3482-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Jun 25 02:27:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	385364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	653442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	643299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	206623	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	213089	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
35) Dibromofluoromethane	7.59	113	187890	46.09	ug/l	0.00
Spiked Amount			Recovery	=	92.18%	
50) Toluene-d8	10.09	98	807900	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.40	95	270836	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	

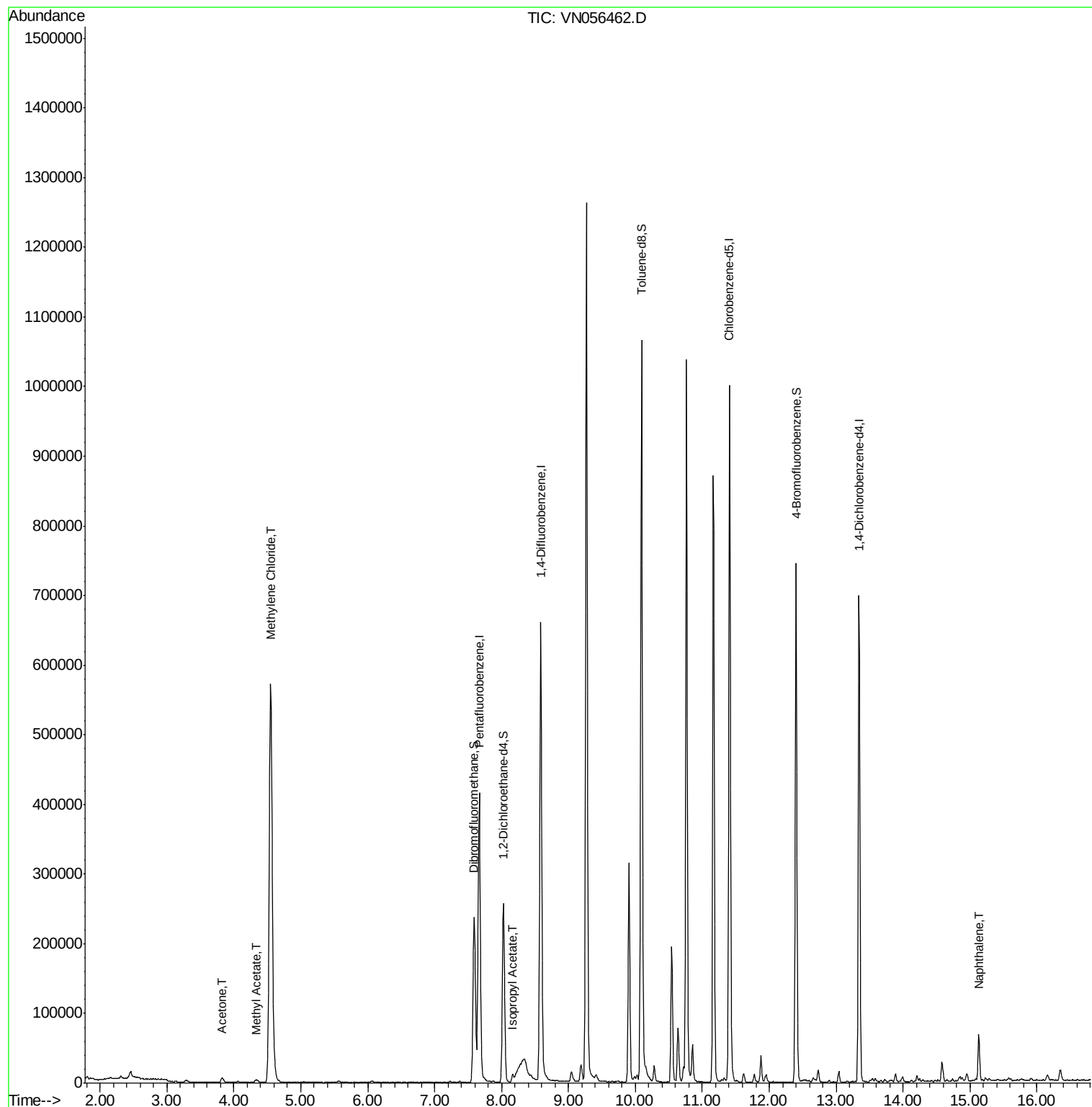
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	12631	5.903	ug/l #	87
18) Methyl Acetate	4.34	43	9189	1.348	ug/l #	90
20) Methylene Chloride	4.55	84	469000	117.466	ug/l	99
43) Isopropyl Acetate	8.17	43	13814	1.585	ug/l	92
95) Naphthalene	15.13	128	61568	11.074	ug/l	99

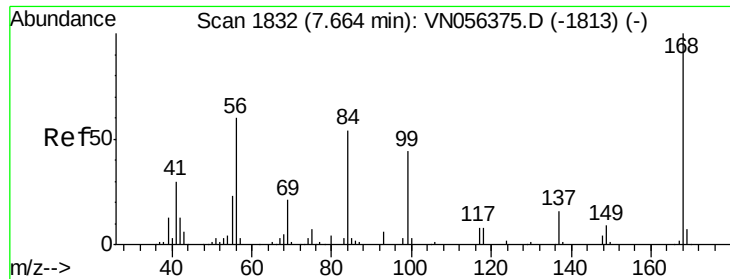
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062419\
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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: VN056462.D

Acq: 24 Jun 2019 17:43

Instrument :

MSVOA_N

ClientSampled :

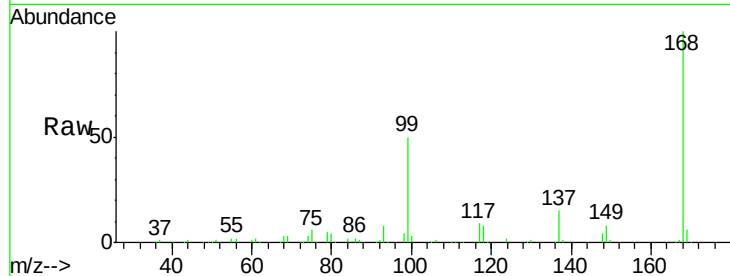
TP-4

Tot Ion:168 Resp: 385364

Ion Ratio Lower Upper

168 100

99 49.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056375.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056375.D (-1813) (-)

7.67

150000

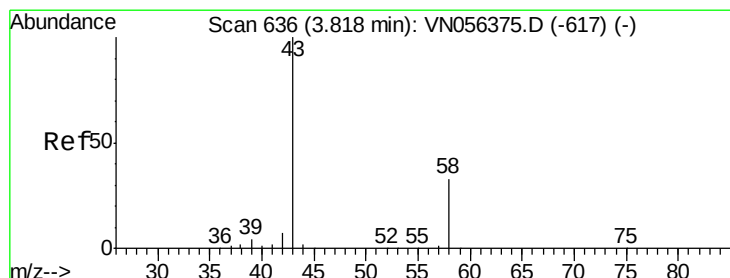
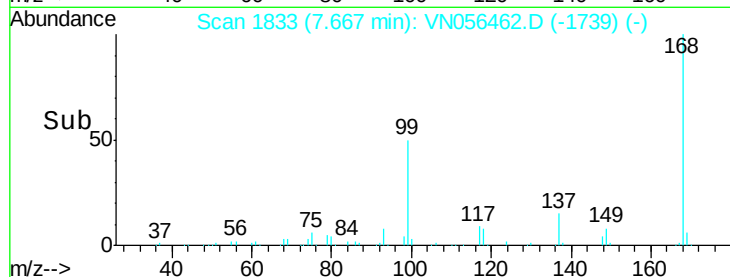
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 5.903 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056462.D

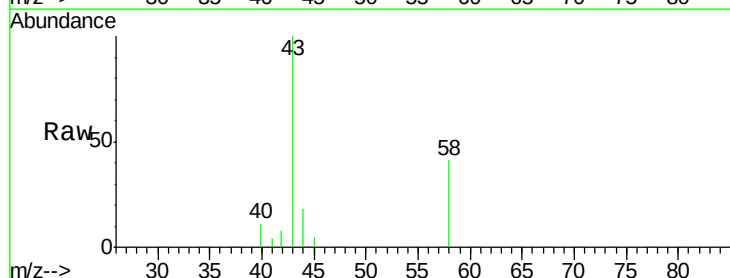
Acq: 24 Jun 2019 17:43

Tgt Ion: 43 Resp: 12631

Ion Ratio Lower Upper

43 100

58 40.5 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN056375.D (-617) (-)

3.82

4000

3000

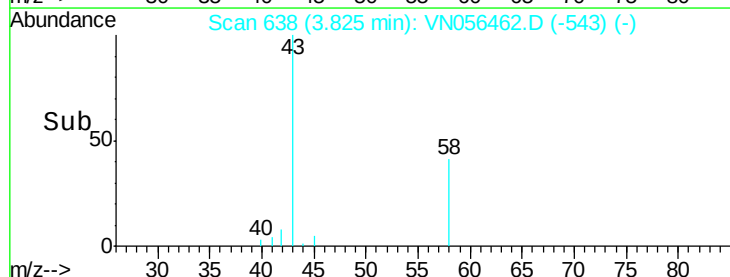
2000

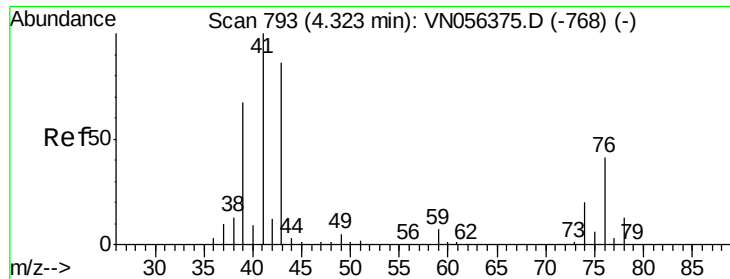
1000

0

Time-->

3.70 3.80 3.90

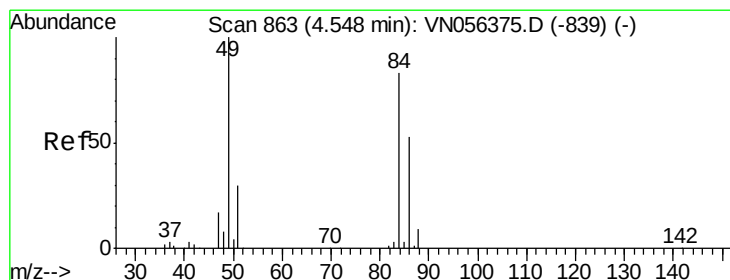
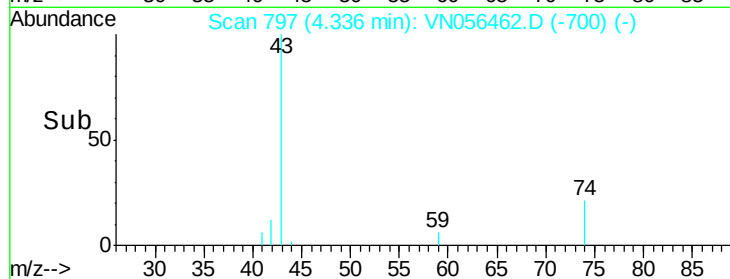
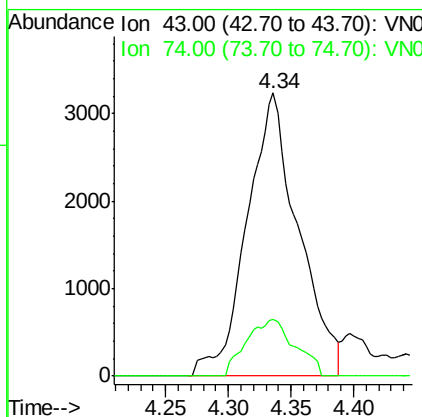
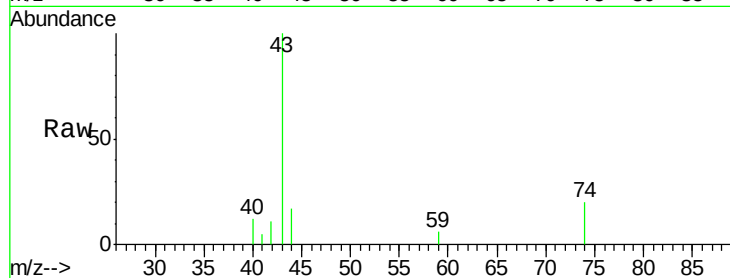




#18
Methyl Acetate
Concen: 1.348 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056462.D
Acq: 24 Jun 2019 17:43

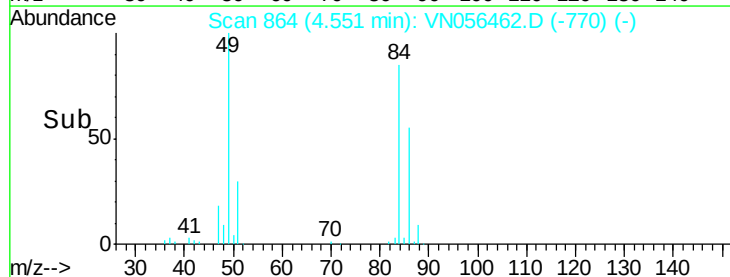
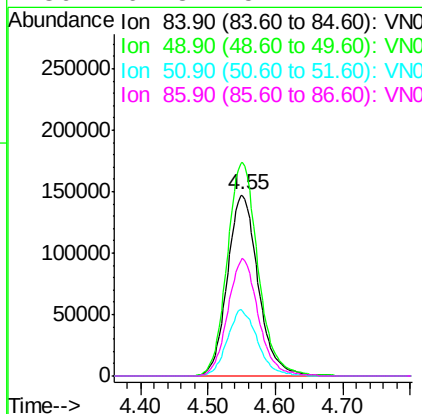
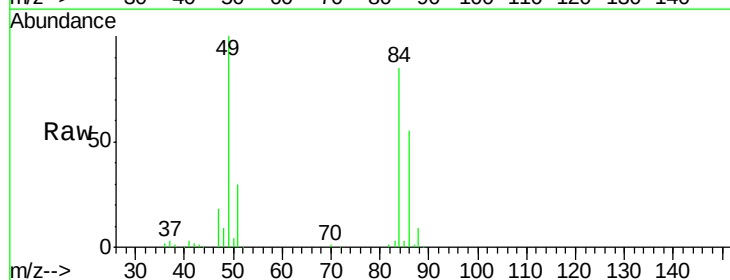
Instrument :
MSVOA_N
ClientSampled :
TP-4

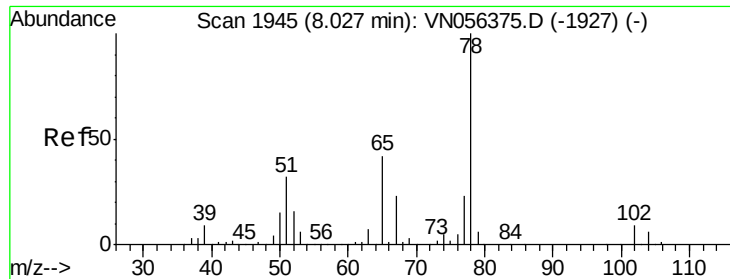
Tot Ion: 43 Resp: 9189
Ion Ratio Lower Upper
43 100
74 19.0 19.2 28.8#



#20
Methylene Chloride
Concen: 117.466 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056462.D
Acq: 24 Jun 2019 17:43

Tgt Ion: 84 Resp: 469000
Ion Ratio Lower Upper
84 100
49 117.9 96.4 144.6
51 35.8 28.6 43.0
86 64.8 51.4 77.2

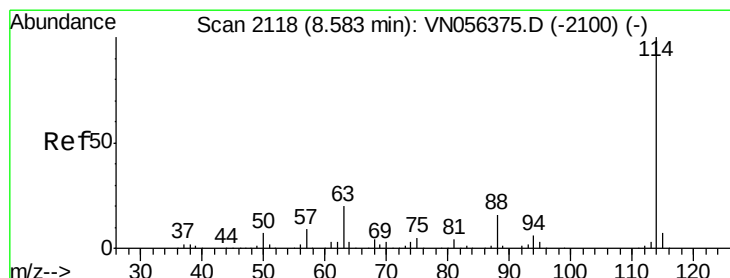
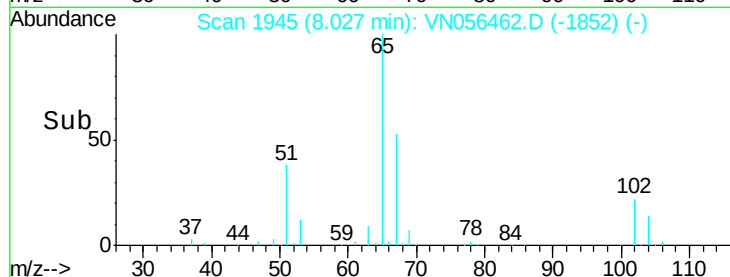
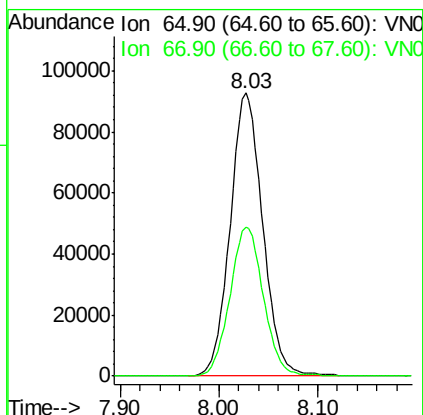
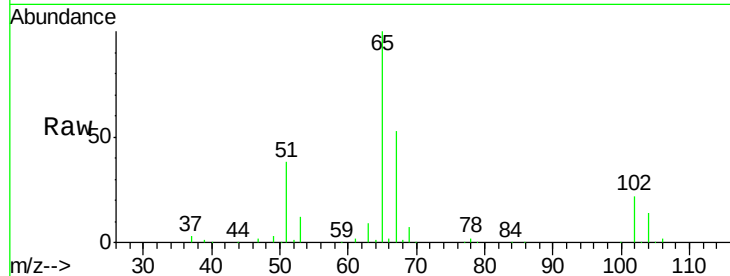




#33
 1,2-Dichloroethane-d4
 Concen: 49.892 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056462.D
 Acq: 24 Jun 2019 17:43

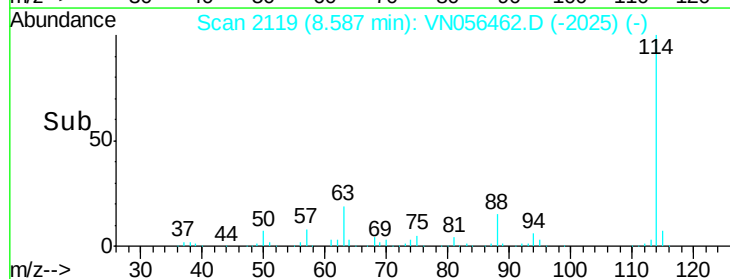
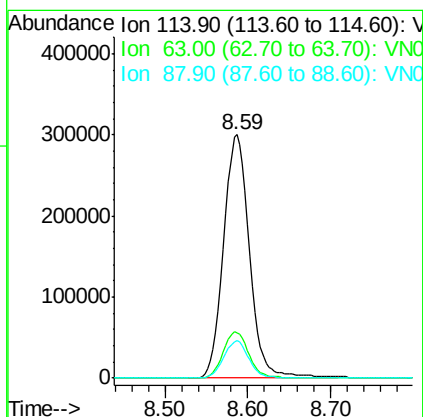
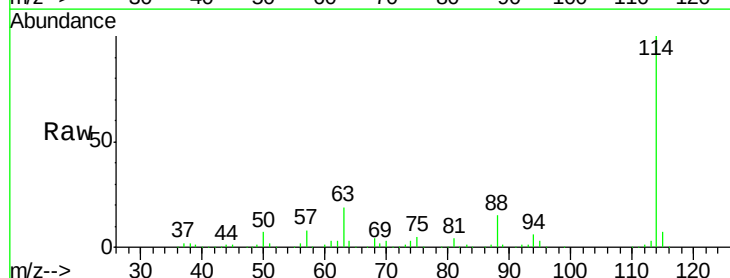
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

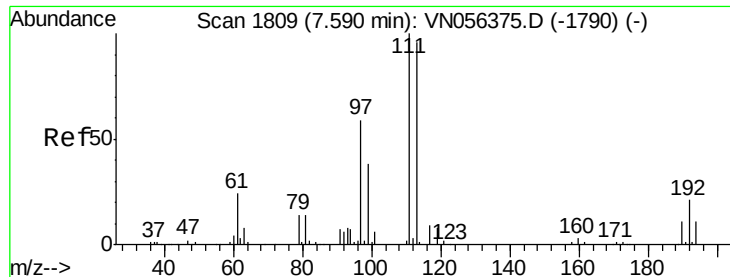
Tot Ion: 65 Resp: 213089
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056462.D
 Acq: 24 Jun 2019 17:43

Tgt Ion: 114 Resp: 653442
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.092 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056462.D

Acq: 24 Jun 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

TP-4

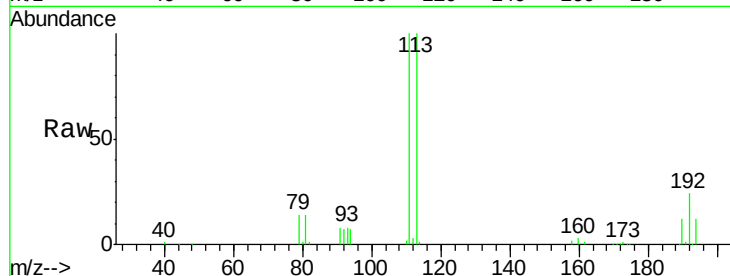
Tot Ion:113 Resp: 187890

Ion Ratio Lower Upper

113 100

111 101.1 82.9 124.3

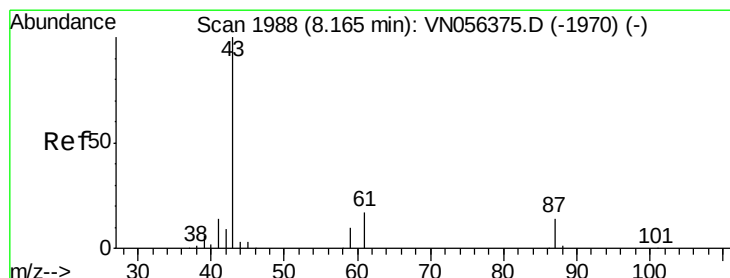
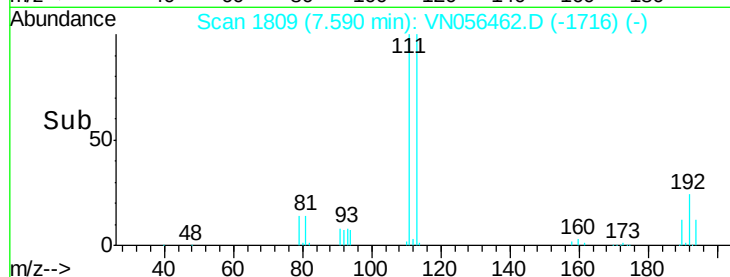
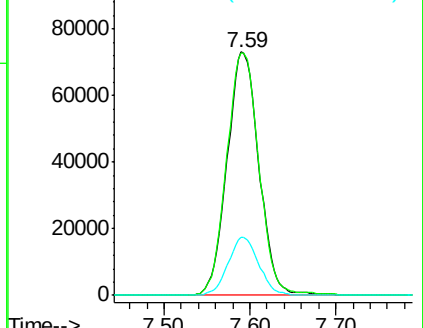
192 22.8 17.7 26.5



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



#43

Isopropyl Acetate

Concen: 1.585 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056462.D

Acq: 24 Jun 2019 17:43

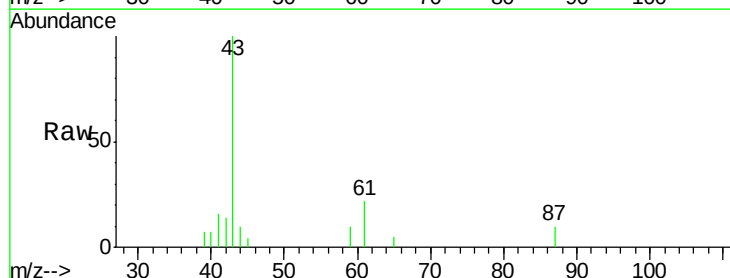
Tgt Ion: 43 Resp: 13814

Ion Ratio Lower Upper

43 100

61 22.8 22.0 33.0

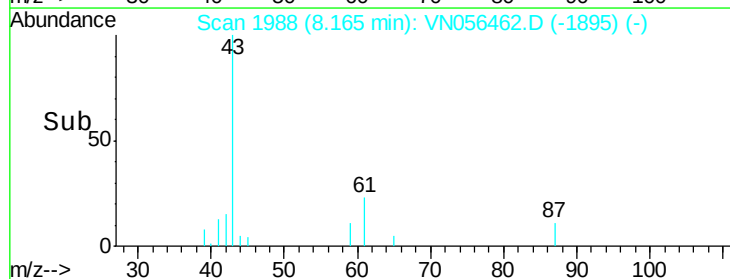
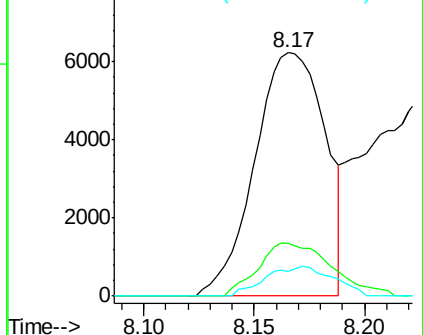
87 11.7 11.0 16.4

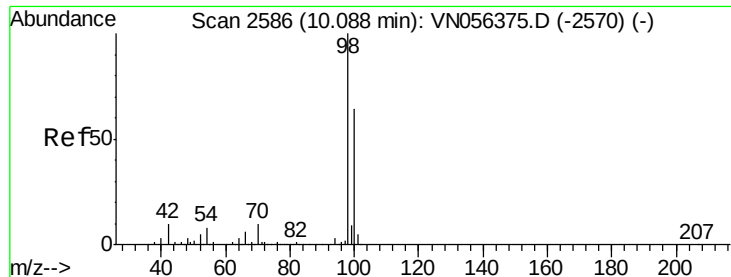


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.934 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056462.D

Acq: 24 Jun 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

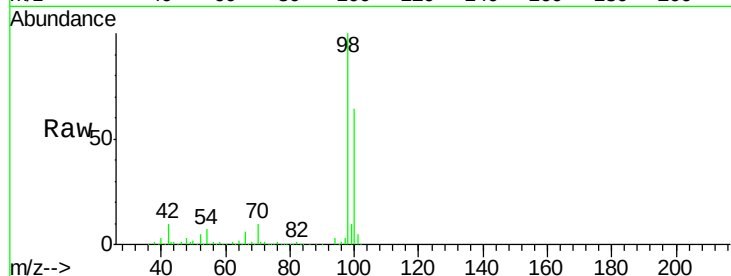
TP-4

Tot Ion: 98 Resp: 807900

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN056375.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056375.D (-2570) (-)

10.09

400000

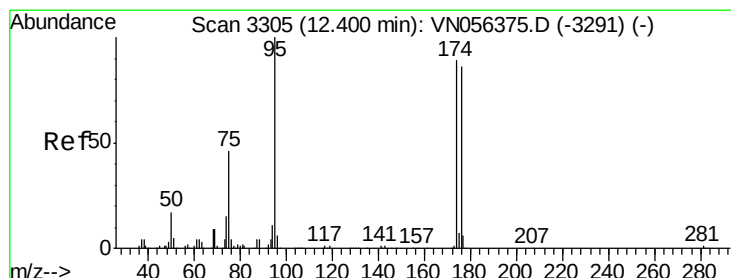
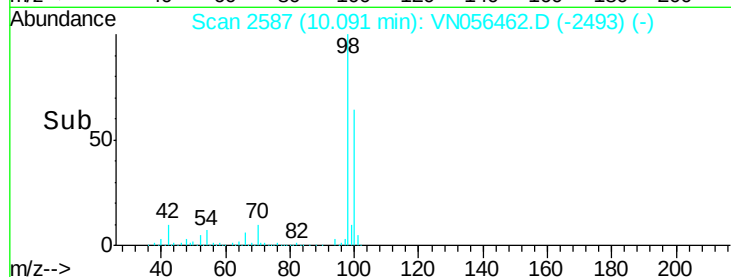
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.221 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056462.D

Acq: 24 Jun 2019 17:43

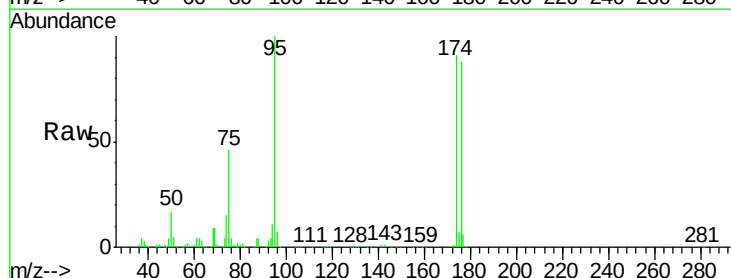
Tgt Ion: 95 Resp: 270836

Ion Ratio Lower Upper

95 100

174 91.2 0.0 179.4

176 87.8 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)

12.40

200000

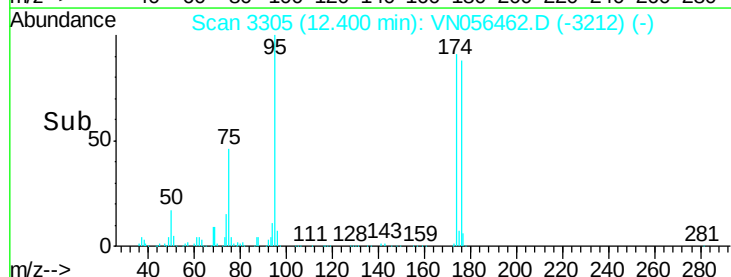
150000

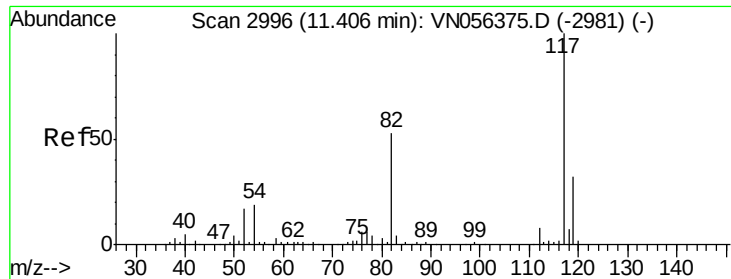
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50000

0

Time-->

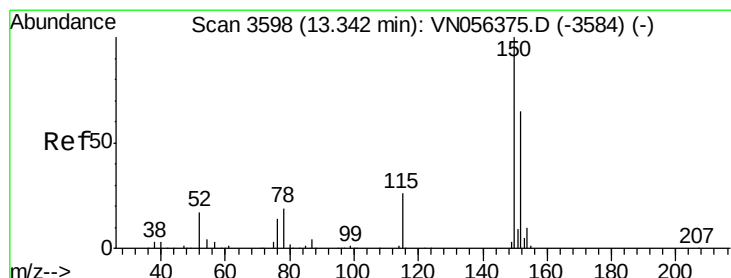
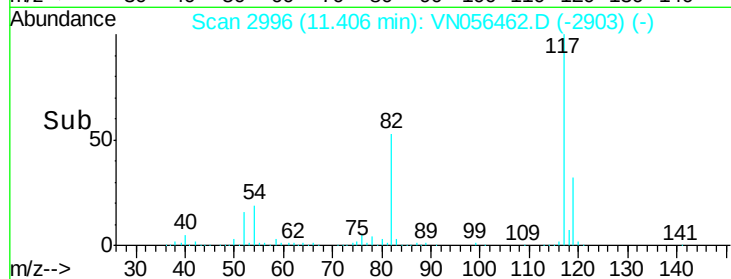
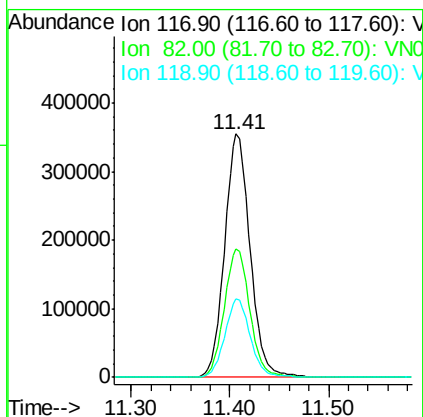
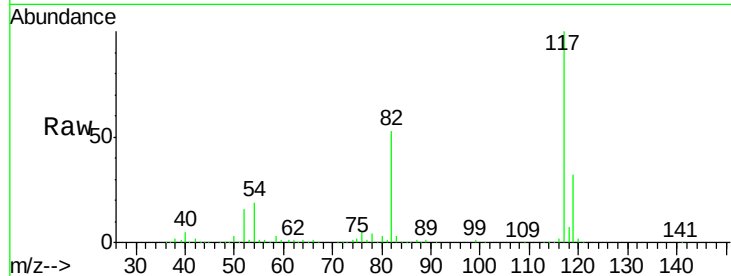




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056462.D
Acq: 24 Jun 2019 17:43

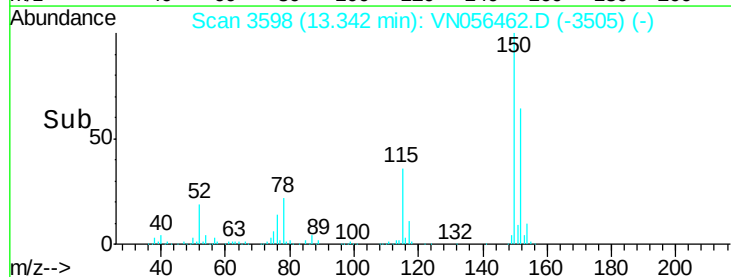
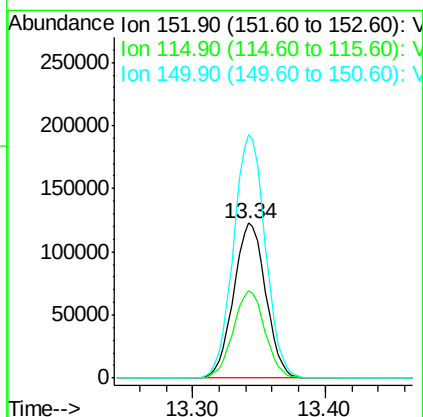
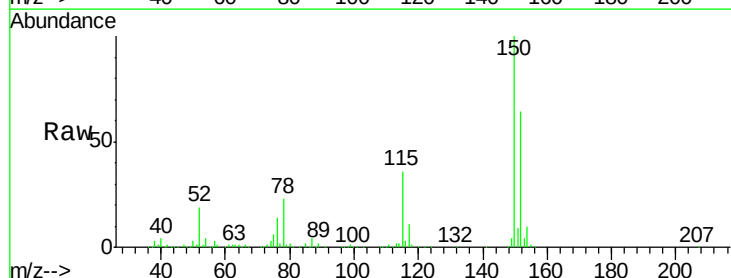
Instrument :
MSVOA_N
ClientSampled :
TP-4

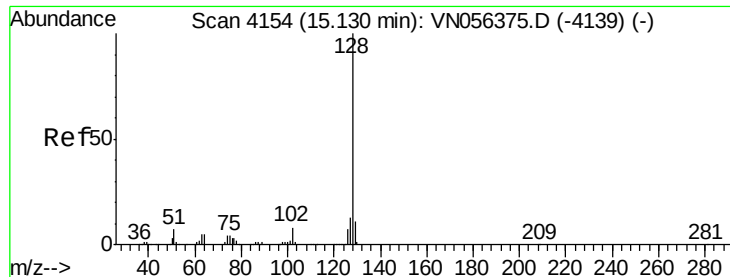
Tot Ion:117 Resp: 643299
Ion Ratio Lower Upper
117 100
82 52.8 42.0 63.0
119 32.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056462.D
Acq: 24 Jun 2019 17:43

Tgt Ion:152 Resp: 206623
Ion Ratio Lower Upper
152 100
115 55.6 28.1 84.4
150 156.1 0.0 348.4





#95

Naphthalene

Concen: 11.074 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056462.D

Acq: 24 Jun 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

TP-4

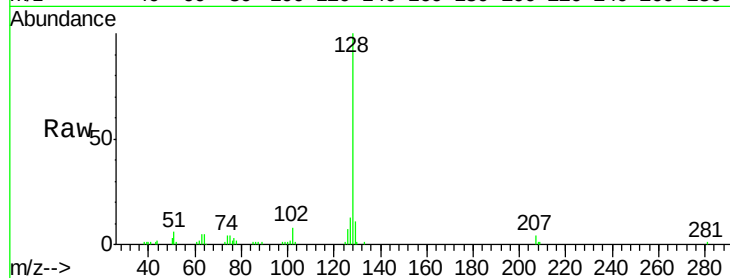
Tot Ion:128 Resp: 61568

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

129 10.8 8.6 12.8



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

