

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056486.D
 Acq On : 25 Jun 2019 15:05
 Operator : JC/SP
 Sample : K3511-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Quant Time: Jun 26 04:51:01 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

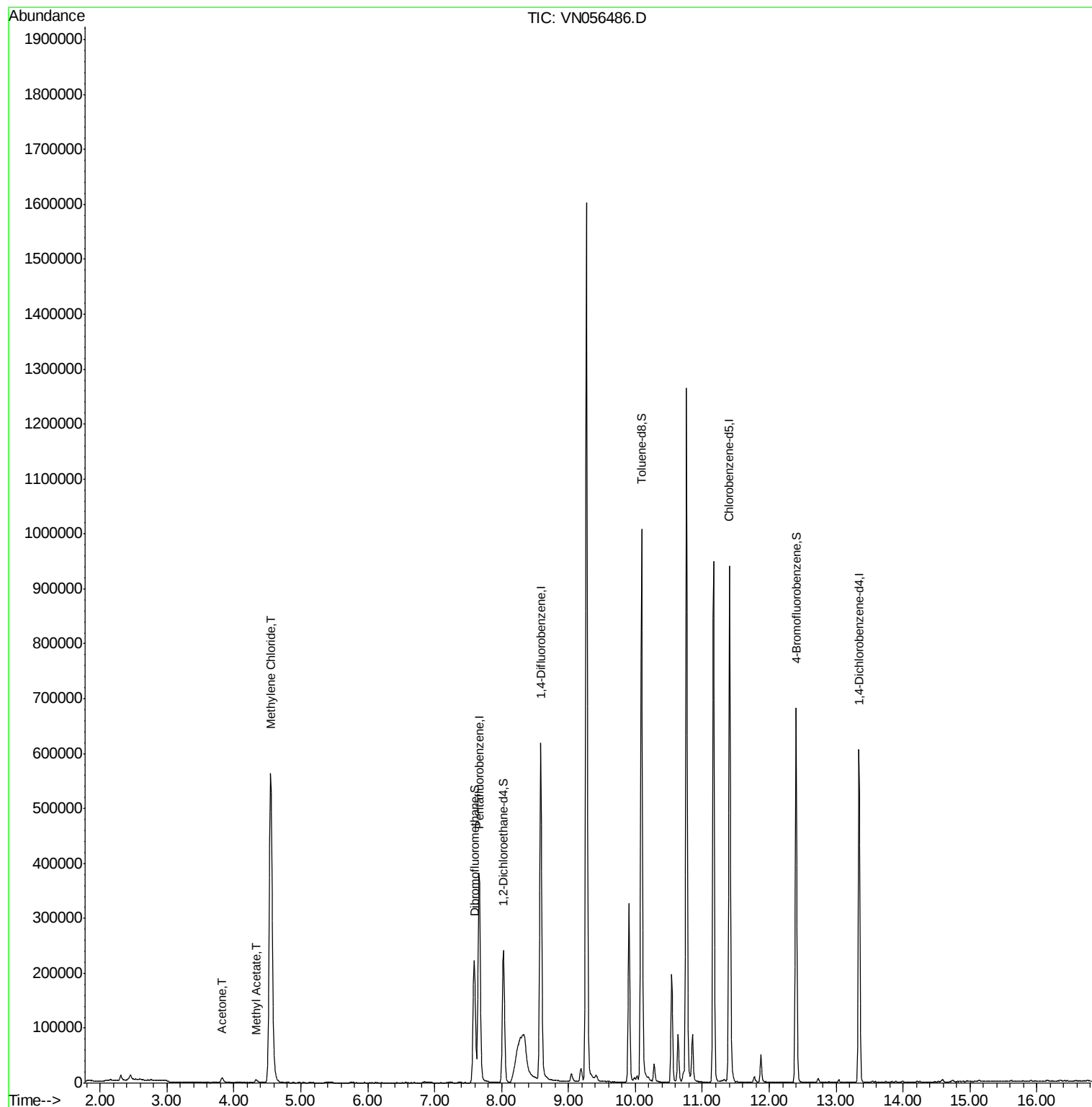
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	349652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	597396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	599679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	203820	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	7.59	113	174021	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
50) Toluene-d8	10.09	98	753720	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.40	95	242971	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
Target Compounds						
16) Acetone	3.82	43	15342	7.902	ug/l	94
18) Methyl Acetate	4.33	43	10832	2.016	ug/l #	88
20) Methylene Chloride	4.55	84	457053	126.232	ug/l	98

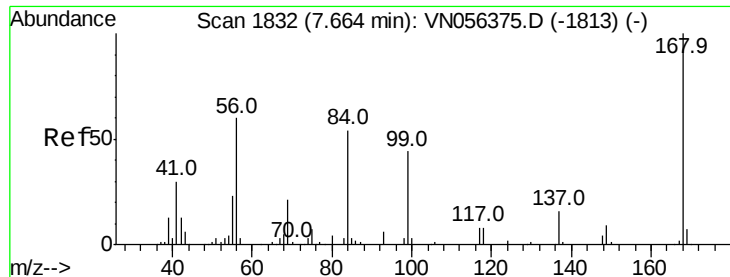
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062519\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056486.D

Acq: 25 Jun 2019 15:05

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MSVOA_N

ClientSampleId :

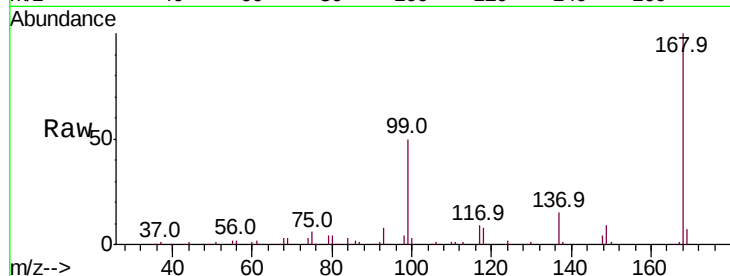
COMP-2

Tot Ion:168 Resp: 349652

Ion Ratio Lower Upper

168 100

99 50.2 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

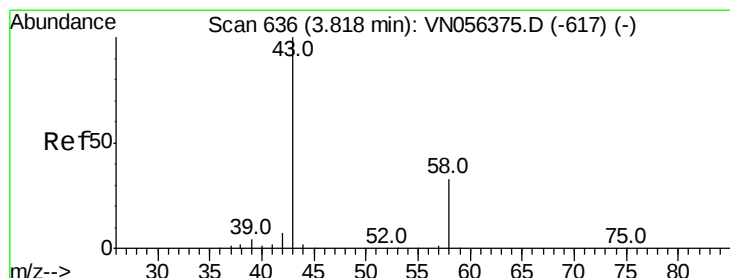
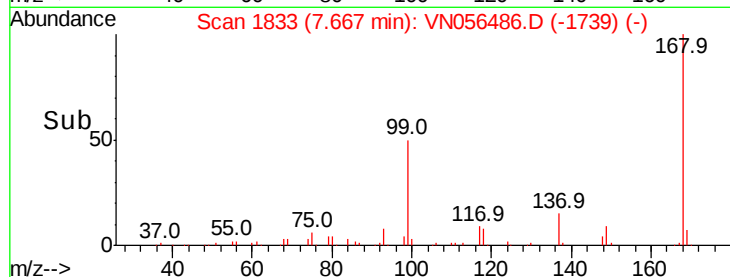
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.902 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056486.D

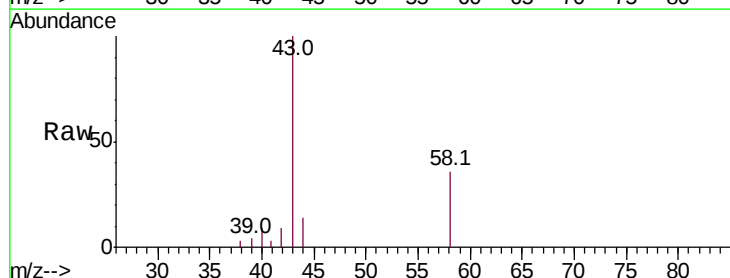
Acq: 25 Jun 2019 15:05

Tgt Ion: 43 Resp: 15342

Ion Ratio Lower Upper

43 100

58 36.4 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

6000

5000

4000

3000

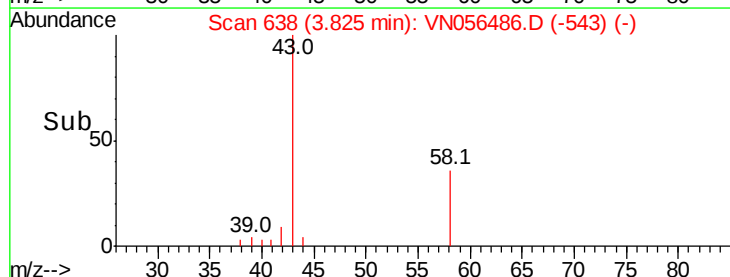
2000

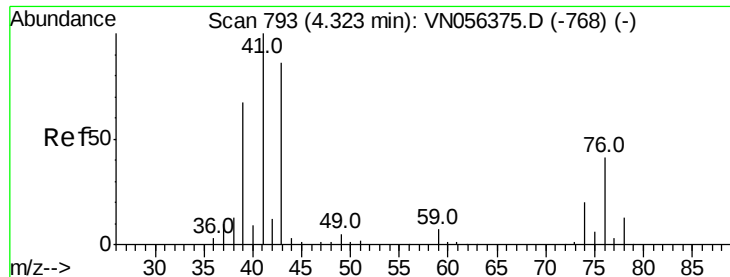
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

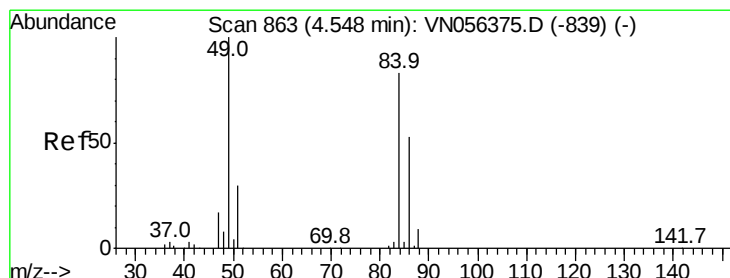
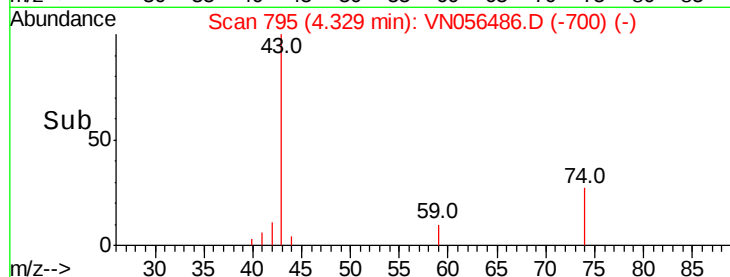
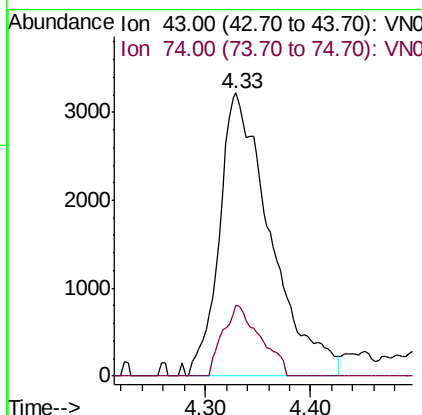
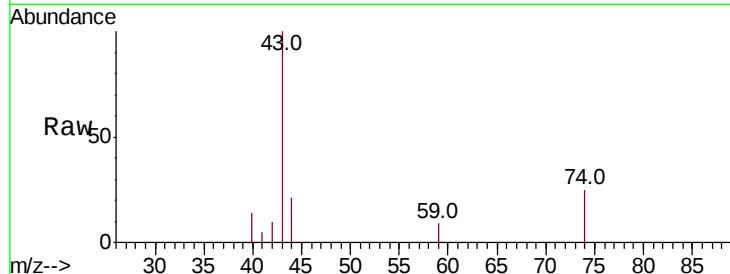




#18
Methyl Acetate
Concen: 2.016 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056486.D
Acq: 25 Jun 2019 15:05

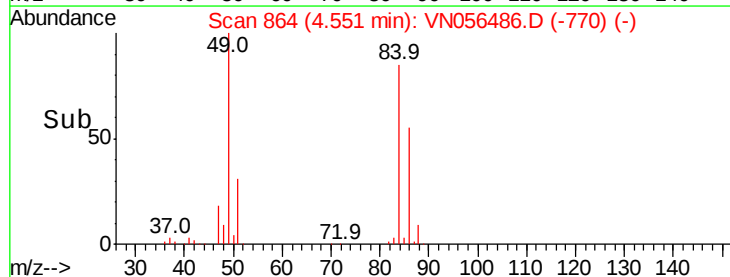
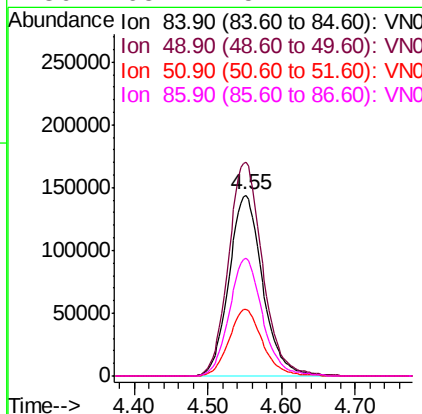
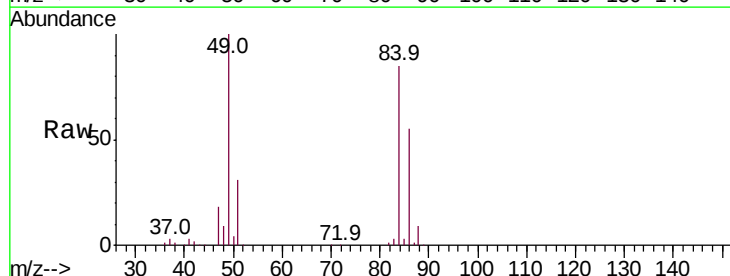
Instrument :
MSVOA_N
ClientSampleId :
COMP-2

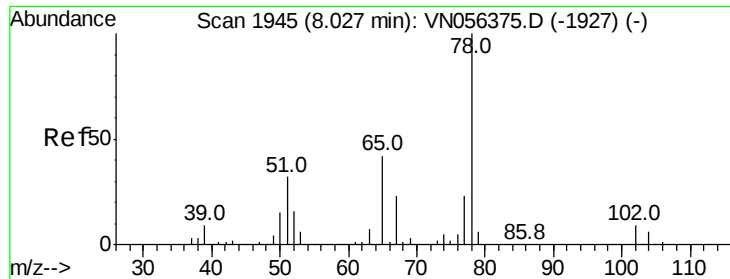
Tot Ion: 43 Resp: 10832
Ion Ratio Lower Upper
43 100
74 18.3 19.2 28.8#



#20
Methylene Chloride
Concen: 126.232 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056486.D
Acq: 25 Jun 2019 15:05

Tgt Ion: 84 Resp: 457053
Ion Ratio Lower Upper
84 100
49 118.2 96.4 144.6
51 37.1 28.6 43.0
86 65.2 51.4 77.2

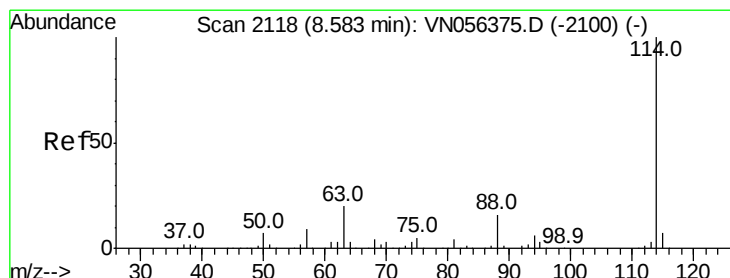
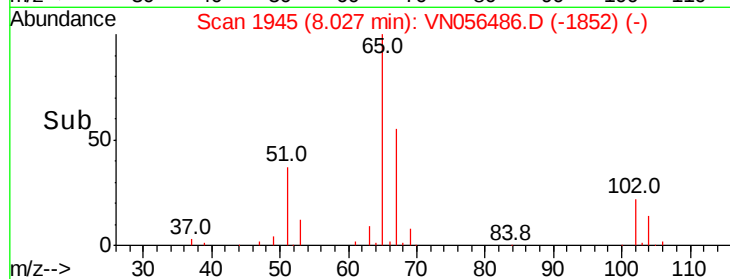
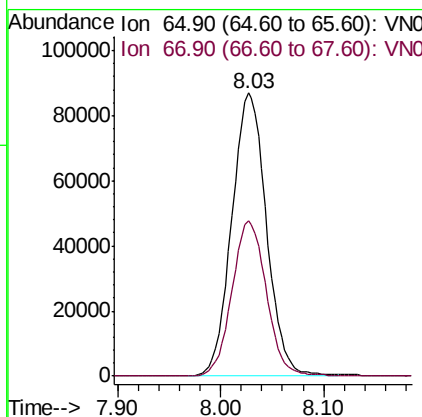
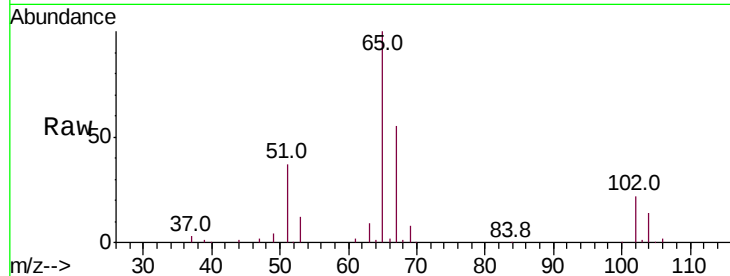




#33
 1,2-Dichloroethane-d4
 Concen: 52.596 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056486.D
 Acq: 25 Jun 2019 15:05

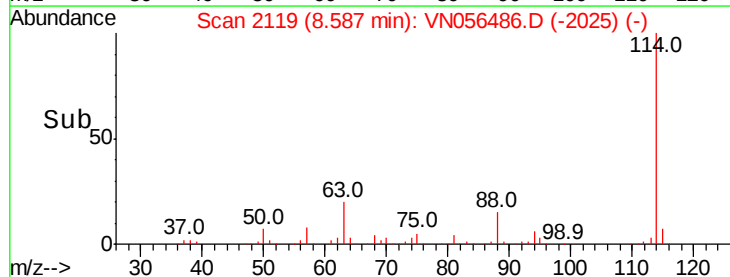
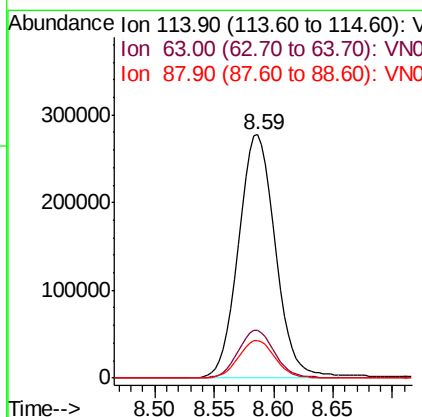
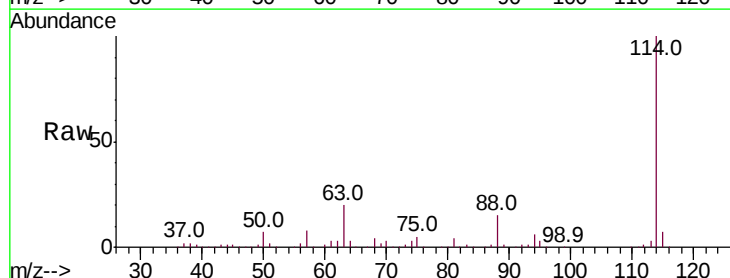
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

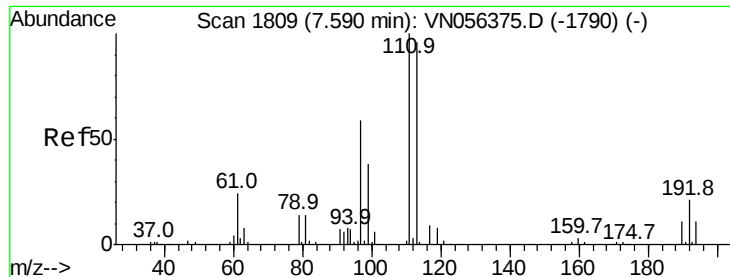
Tot Ion: 65 Resp: 203820
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056486.D
 Acq: 25 Jun 2019 15:05

Tgt Ion: 114 Resp: 597396
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.695 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056486.D

Acq: 25 Jun 2019 15:05

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

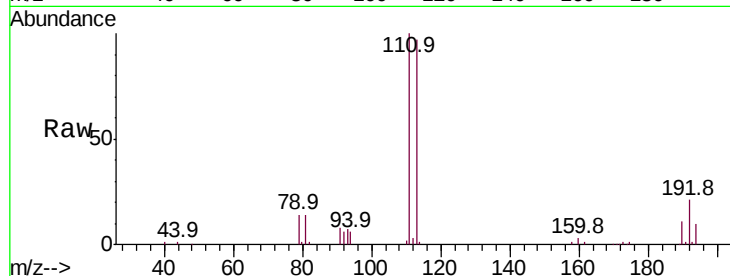
Tot Ion:113 Resp: 174021

Ion Ratio Lower Upper

113 100

111 103.9 82.9 124.3

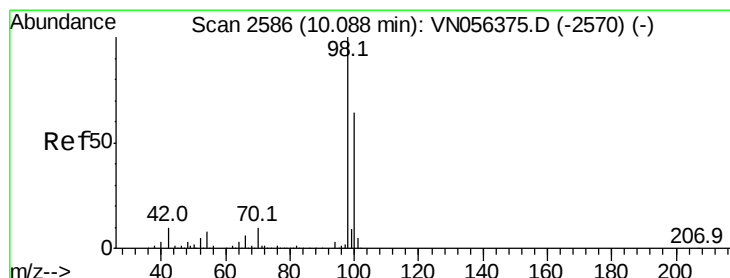
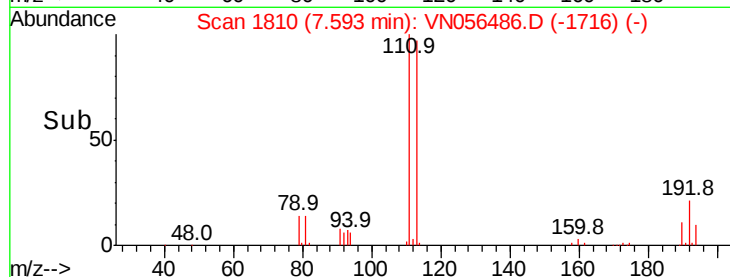
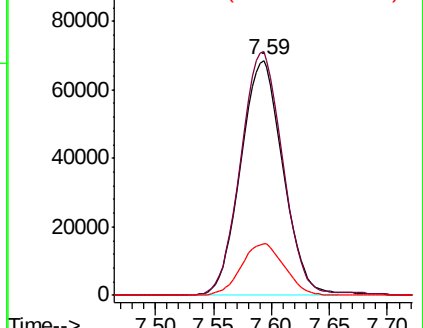
192 22.4 17.7 26.5



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



#50

Toluene-d8

Concen: 51.977 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056486.D

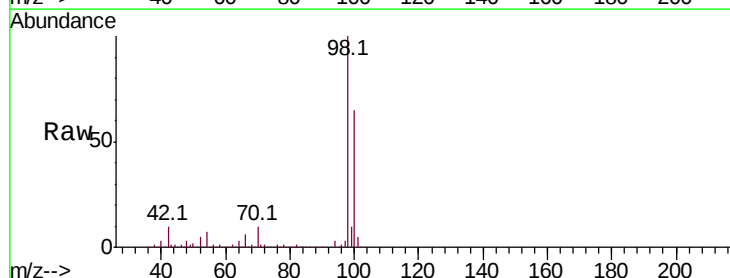
Acq: 25 Jun 2019 15:05

Tgt Ion: 98 Resp: 753720

Ion Ratio Lower Upper

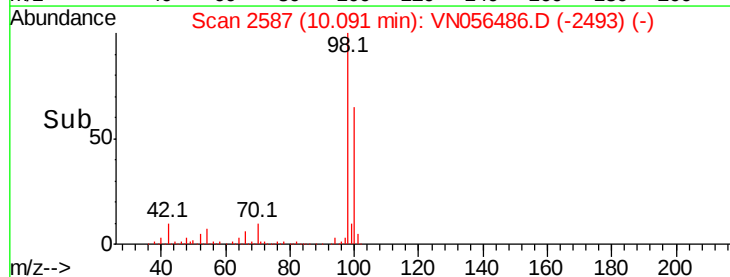
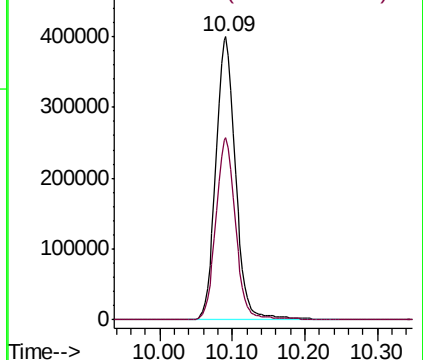
98 100

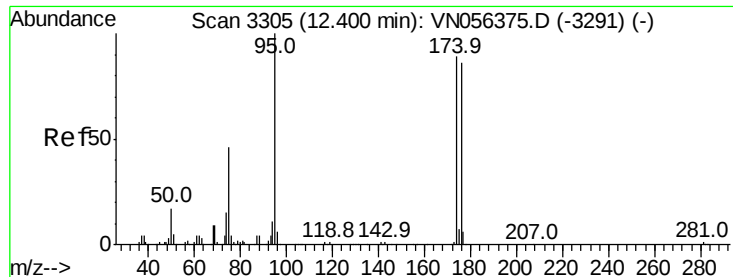
100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.262 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056486.D

Acq: 25 Jun 2019 15:05

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

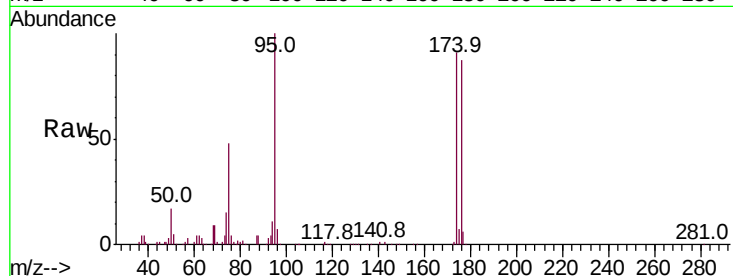
Tot Ion: 95 Resp: 242971

Ion Ratio Lower Upper

95 100

174 91.4 0.0 179.4

176 87.2 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

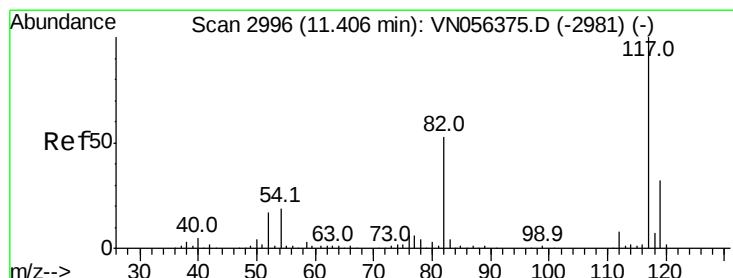
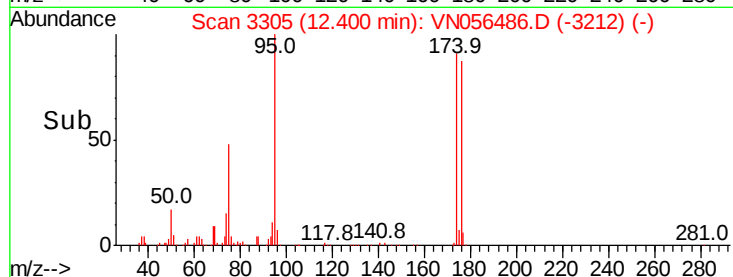
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056486.D

Acq: 25 Jun 2019 15:05

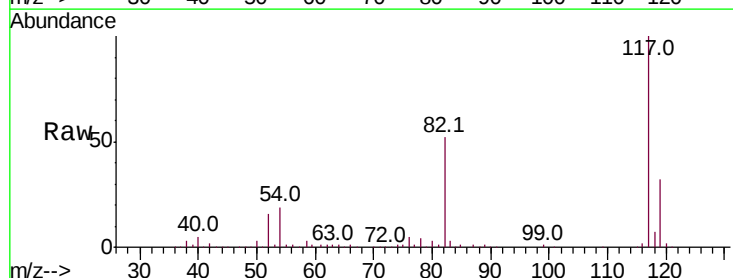
Tgt Ion: 117 Resp: 599679

Ion Ratio Lower Upper

117 100

82 52.0 42.0 63.0

119 32.0 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN056375.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056375.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056375.D (-2981) (-)

11.41

400000

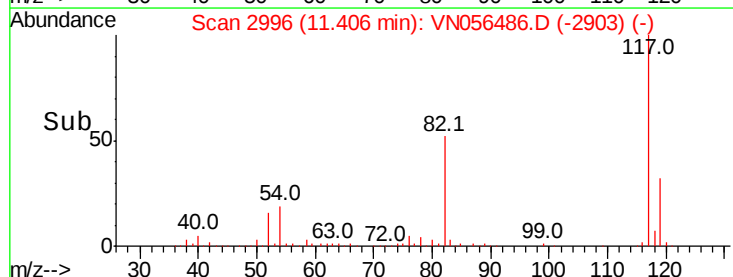
300000

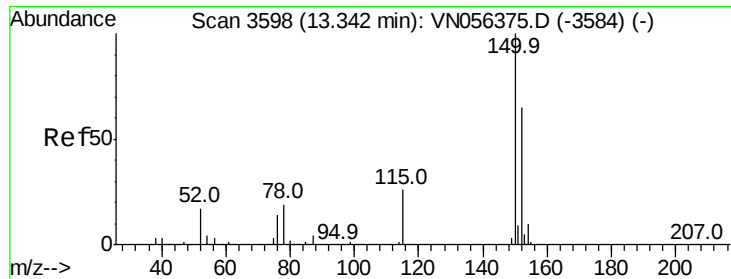
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056486.D

Acq: 25 Jun 2019 15:05

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

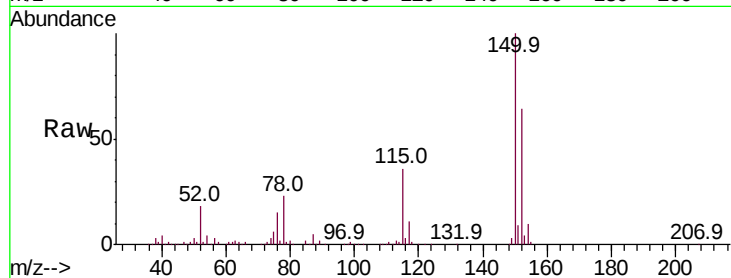
Tot Ion:152 Resp: 176428

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.4

150 157.7 0.0 348.4



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

