

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101619\
 Data File : VN058795.D
 Acq On : 16 Oct 2019 12:52
 Operator : JC/SP
 Sample : K5152-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-101519

Quant Time: Oct 17 08:04:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

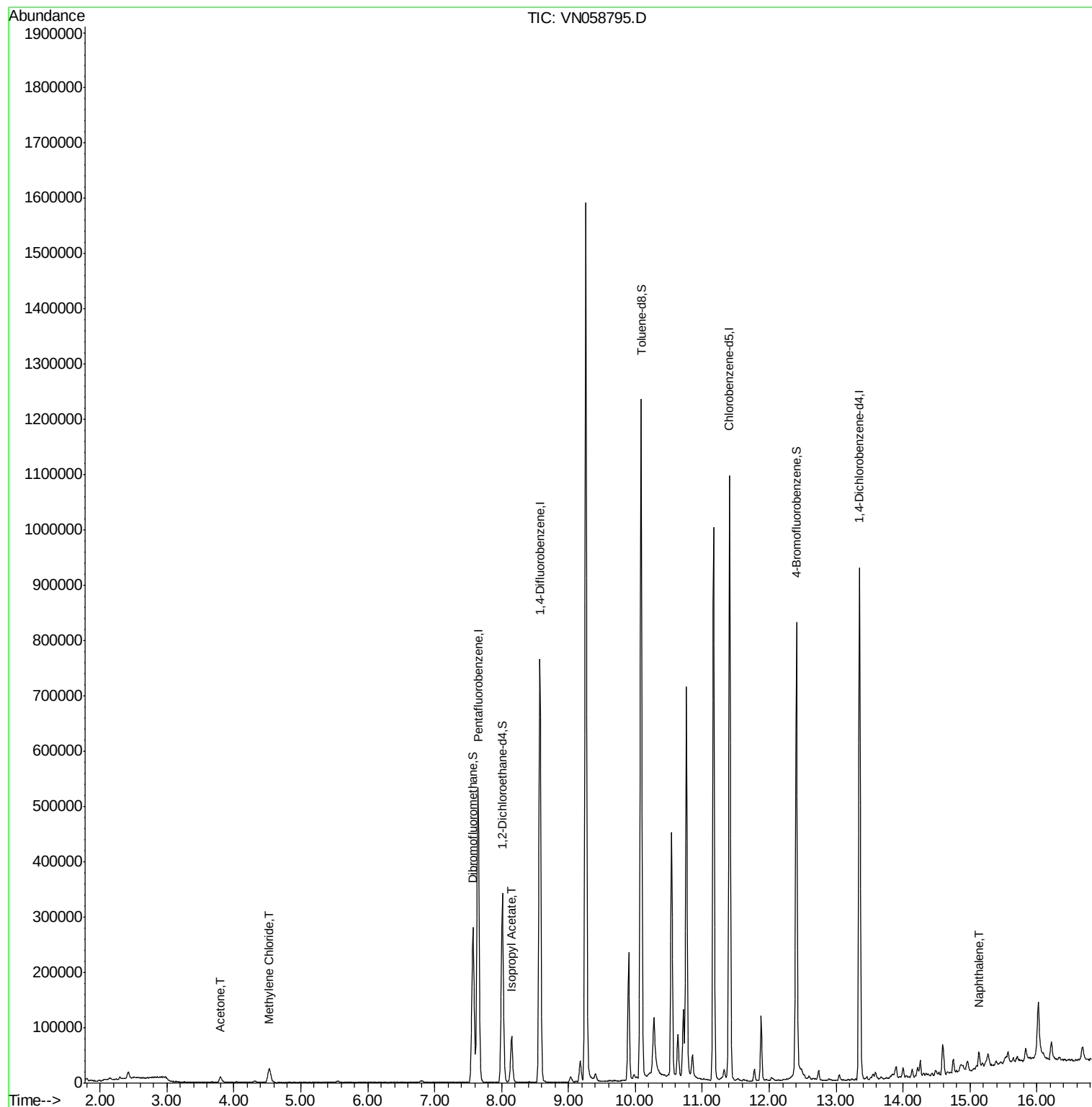
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	417599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	653528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	601238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	236696	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	300551	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
35) Dibromofluoromethane	7.57	113	214106	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
50) Toluene-d8	10.08	98	838597	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.40	95	276154	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
Target Compounds						
16) Acetone	3.80	43	17926	7.406	ug/l	98
20) Methylene Chloride	4.53	84	19589	3.873	ug/l	98
43) Isopropyl Acetate	8.15	43	96286	8.458	ug/l #	89
95) Naphthalene	15.13	128	21165	1.611	ug/l	98

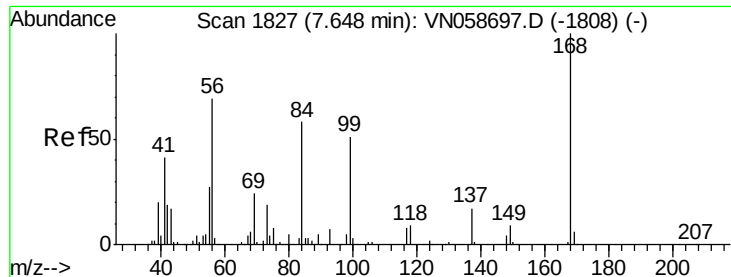
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058795.D

Acq: 16 Oct 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

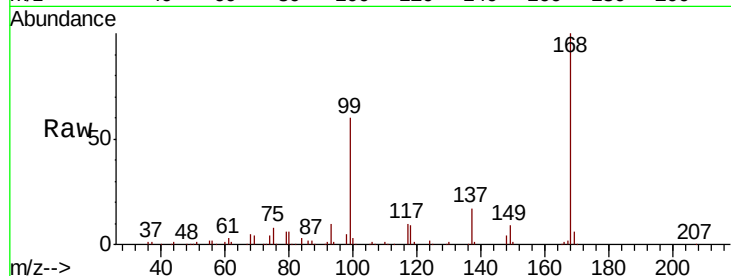
SU-01-101519

Tot Ion:168 Resp: 417599

Ion Ratio Lower Upper

168 100

99 60.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

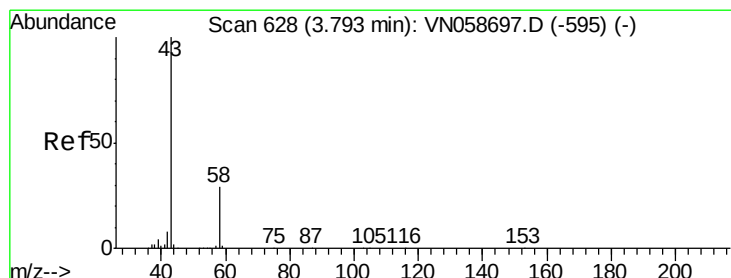
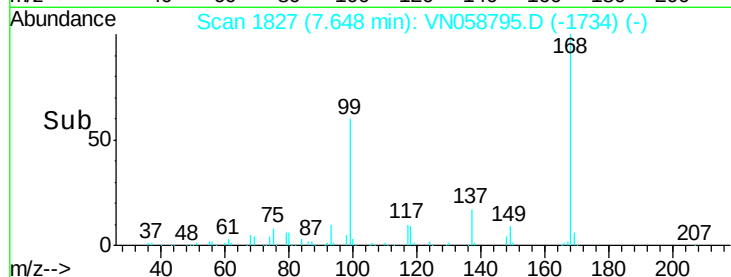
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.406 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058795.D

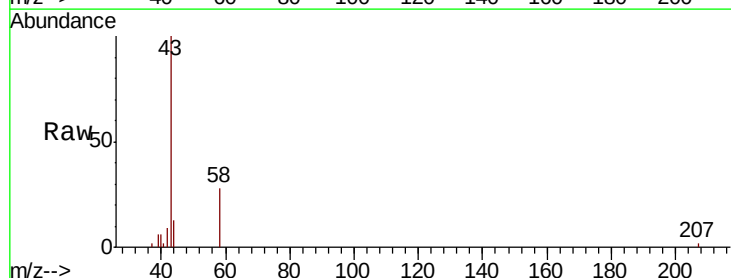
Acq: 16 Oct 2019 12:52

Tgt Ion: 43 Resp: 17926

Ion Ratio Lower Upper

43 100

58 28.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

8000

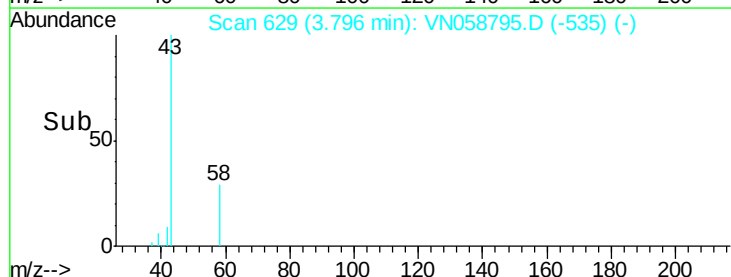
6000

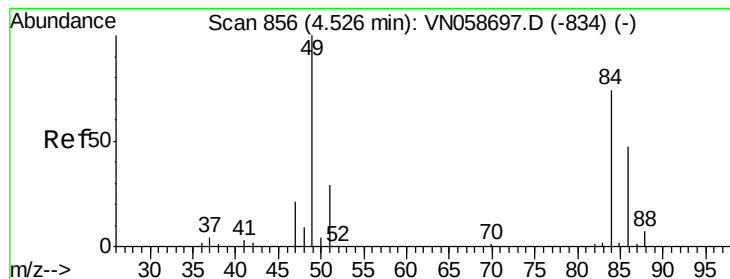
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 3.873 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN058795.D

Acq: 16 Oct 2019 12:52

Instrument :

MSVOA_N

ClientSampled :

SU-01-101519

Tot Ion: 84 Resp: 19589

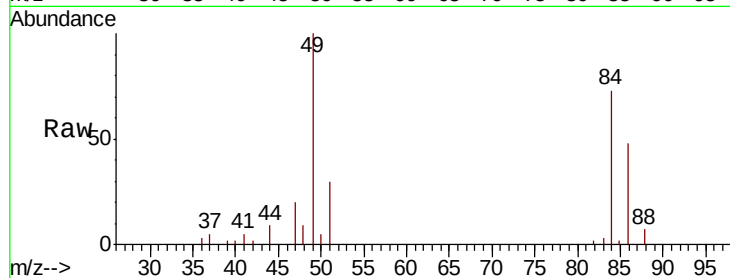
Ion Ratio Lower Upper

84 100

49 136.6 107.6 161.4

51 40.4 31.4 47.0

86 65.9 50.3 75.5

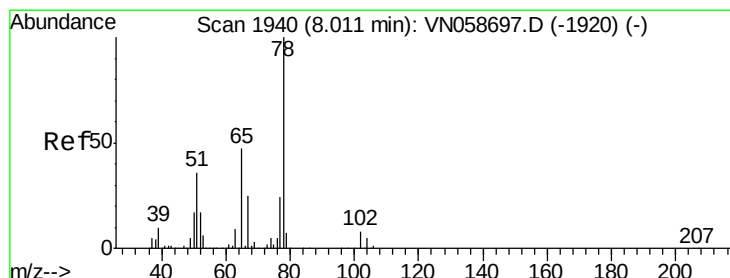
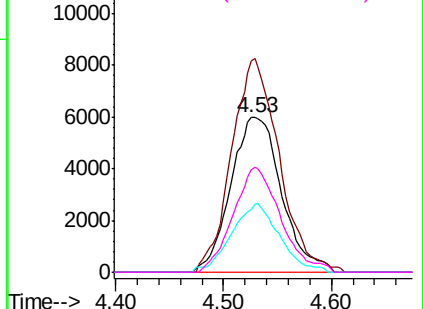
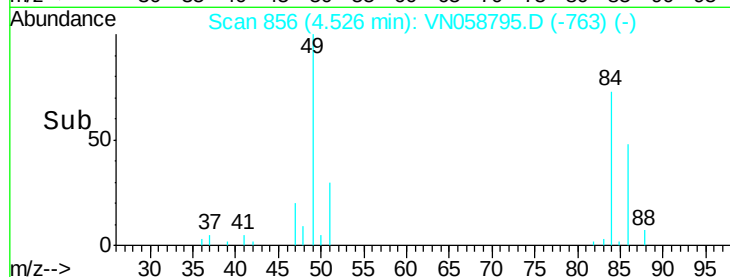


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.409 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058795.D

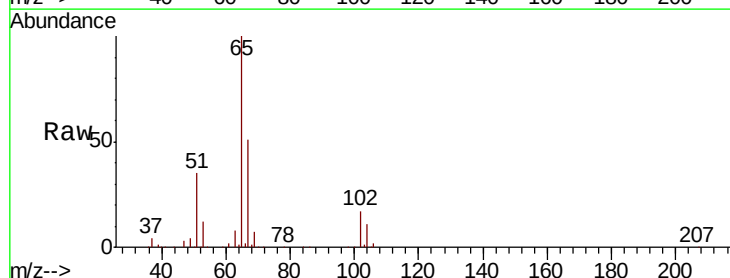
Acq: 16 Oct 2019 12:52

Tgt Ion: 65 Resp: 300551

Ion Ratio Lower Upper

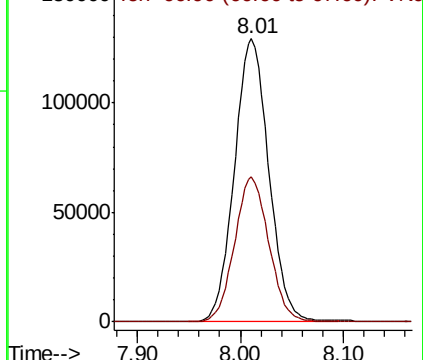
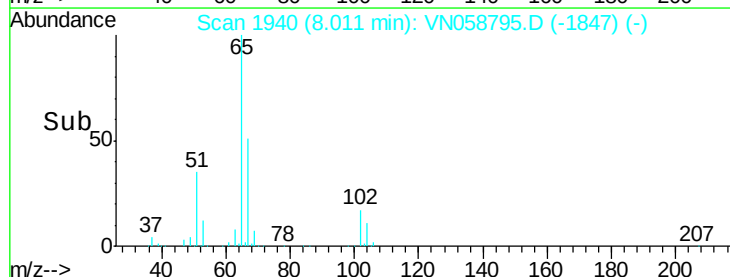
65 100

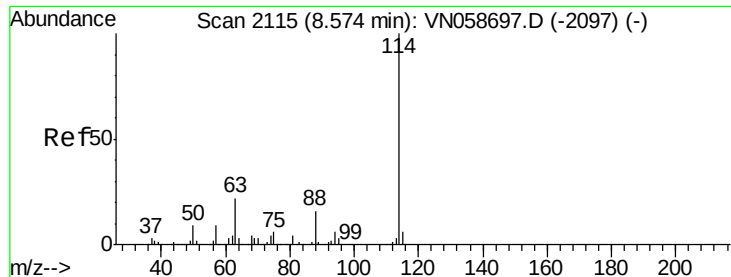
67 50.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

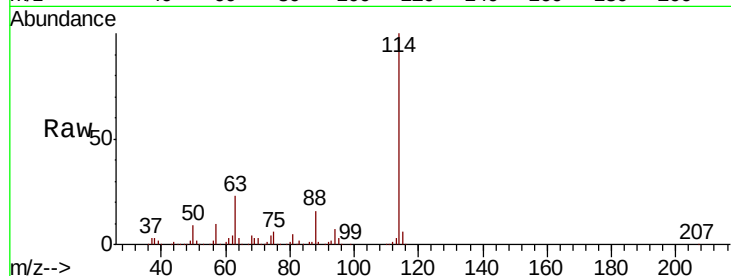




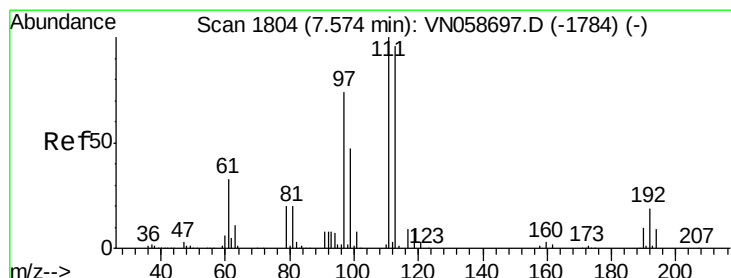
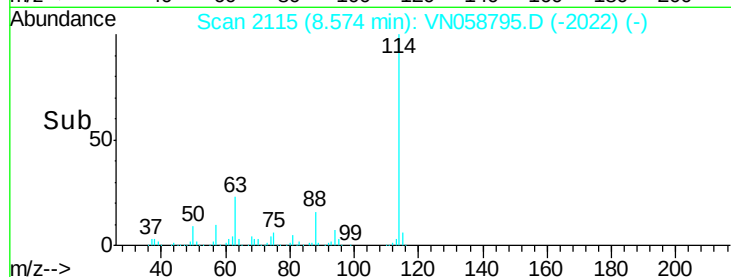
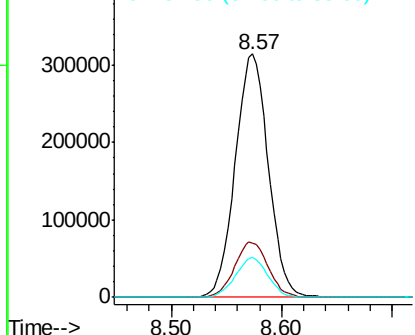
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058795.D
 Acq: 16 Oct 2019 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-101519

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.8
88	16.3	0.0	32.0

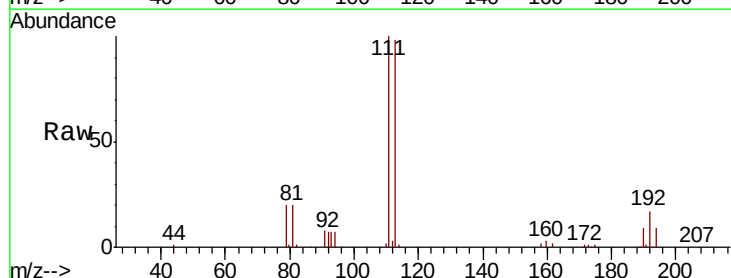


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

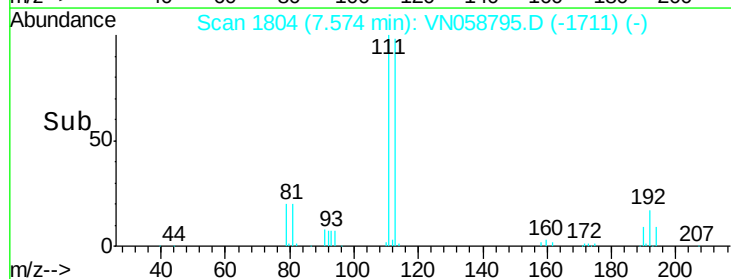
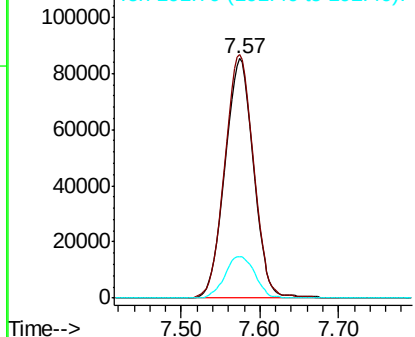


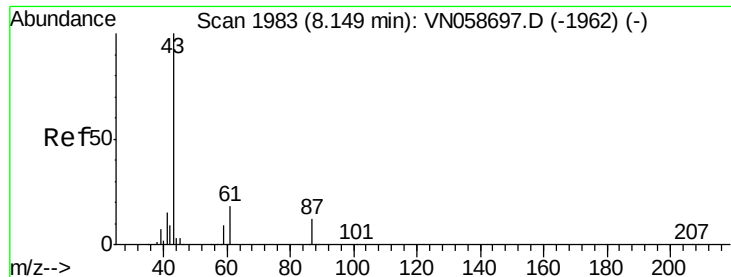
#35
 Dibromofluoromethane
 Concen: 53.040 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058795.D
 Acq: 16 Oct 2019 12:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.3	123.5
192	18.4	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





#43

Isopropyl Acetate

Concen: 8.458 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058795.D

Acq: 16 Oct 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

SU-01-101519

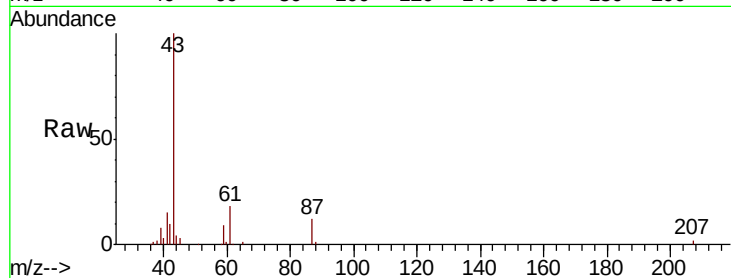
Tot Ion: 43 Resp: 96286

Ion Ratio Lower Upper

43 100

61 18.0 20.3 30.5#

87 11.2 9.8 14.6



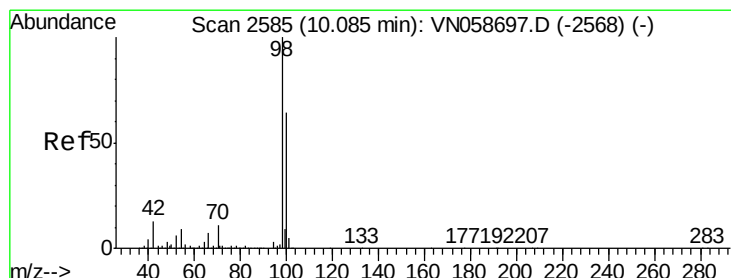
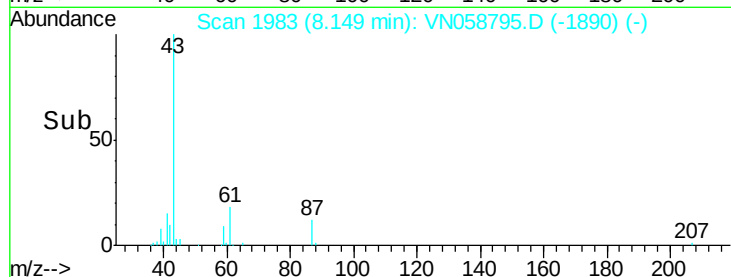
Abundance Ion 43.00 (42.70 to 43.70): VN058795.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN058795.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN058795.D (-1890) (-)

8.15

Time-->



#50

Toluene-d8

Concen: 51.951 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058795.D

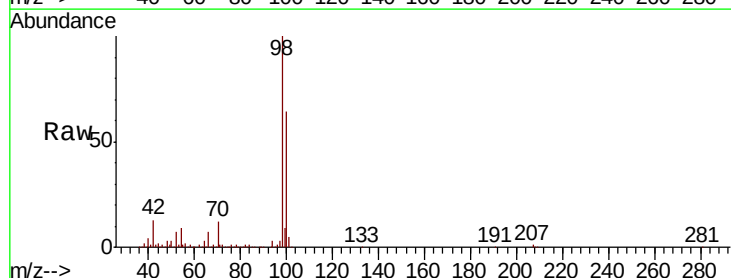
Acq: 16 Oct 2019 12:52

Tgt Ion: 98 Resp: 838597

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7

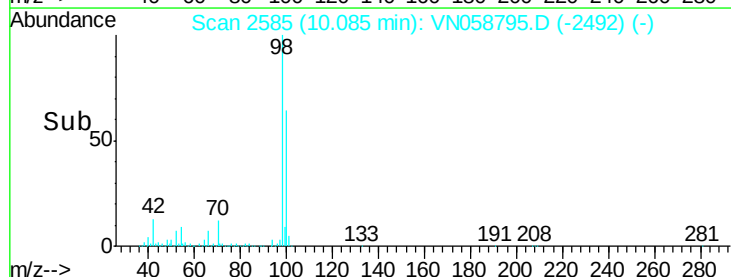


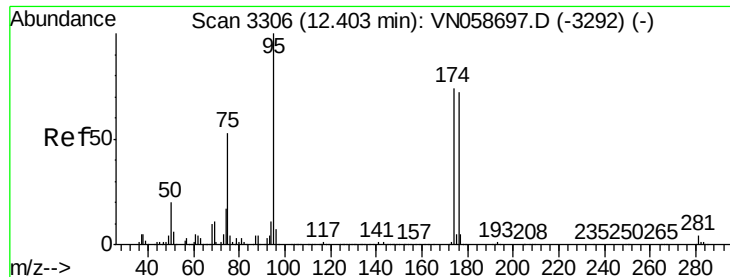
Abundance Ion 98.00 (97.70 to 98.70): VN058795.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058795.D (-2492) (-)

10.08

Time-->





#62

4-Bromofluorobenzene

Concen: 45.195 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058795.D

Acq: 16 Oct 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

SU-01-101519

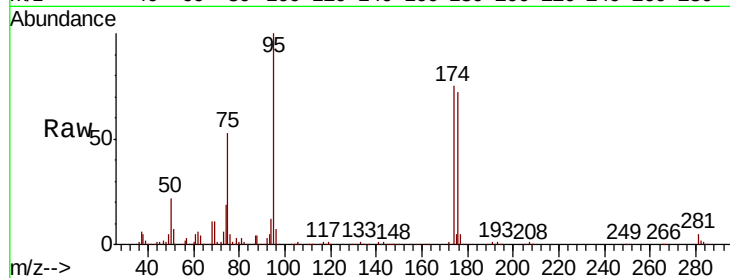
Tot Ion: 95 Resp: 276154

Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.4

176 72.8 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

12.40

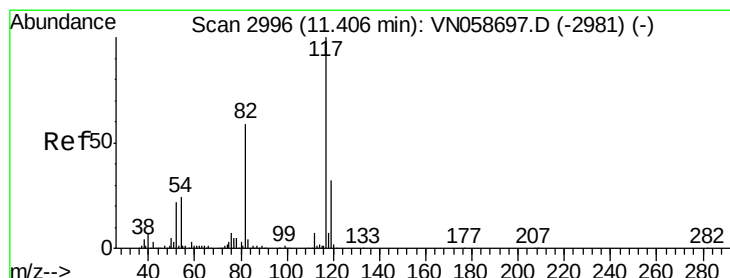
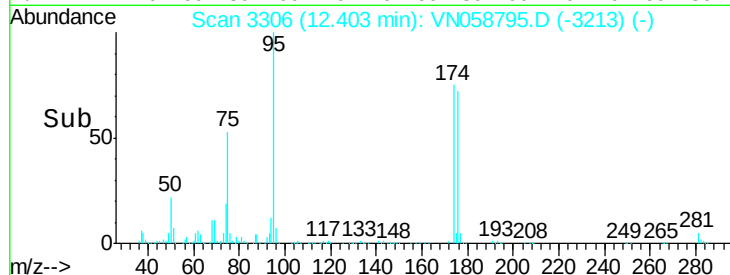
150000

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: VN058795.D

Acq: 16 Oct 2019 12:52

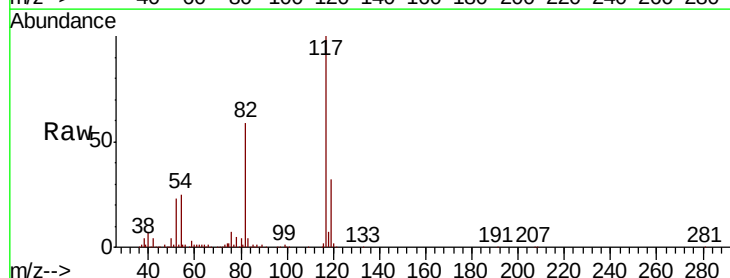
Tgt Ion: 117 Resp: 601238

Ion Ratio Lower Upper

117 100

82 59.1 47.0 70.4

119 32.4 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

11.41

400000

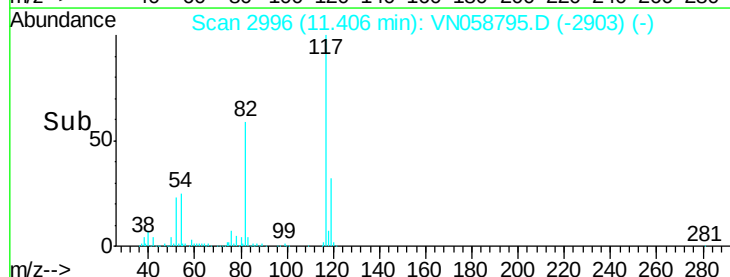
300000

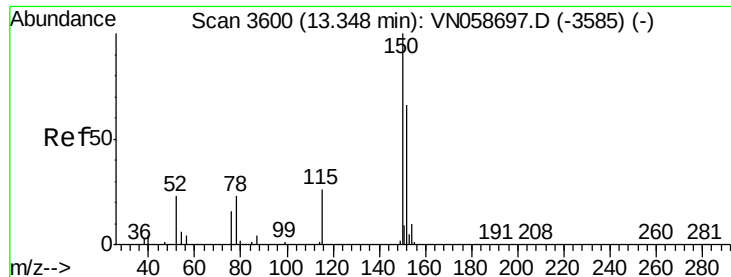
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058795.D

Acq: 16 Oct 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

SU-01-101519

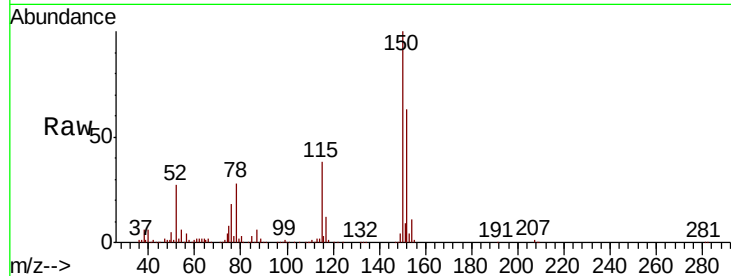
Tot Ion:152 Resp: 236696

Ion Ratio Lower Upper

152 100

115 61.2 30.4 91.2

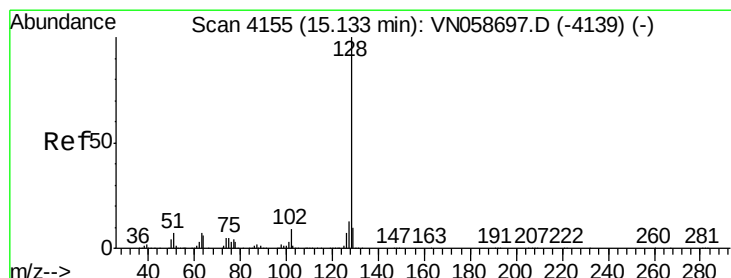
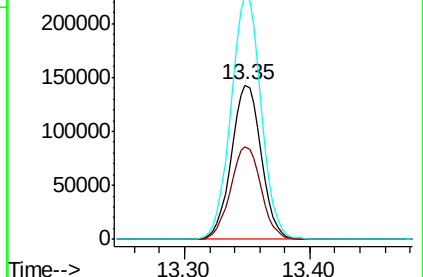
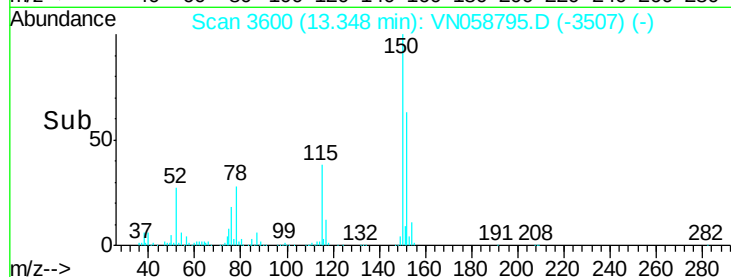
150 159.0 0.0 345.4



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



#95

Naphthalene

Concen: 1.611 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058795.D

Acq: 16 Oct 2019 12:52

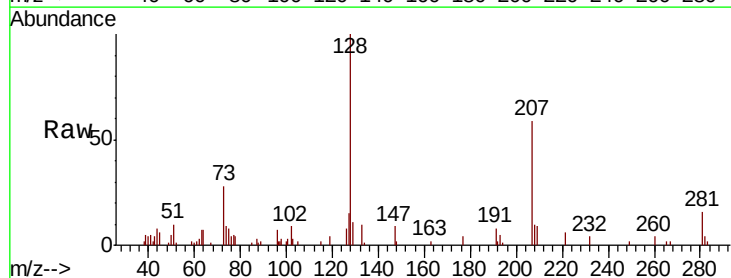
Tgt Ion:128 Resp: 21165

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 12.3 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

