

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101619\
 Data File : VN058796.D
 Acq On : 16 Oct 2019 13:14
 Operator : JC/SP
 Sample : K5358-04RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190897-AMENDED-COMP-KM-CA

Quant Time: Oct 17 02:21:03 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

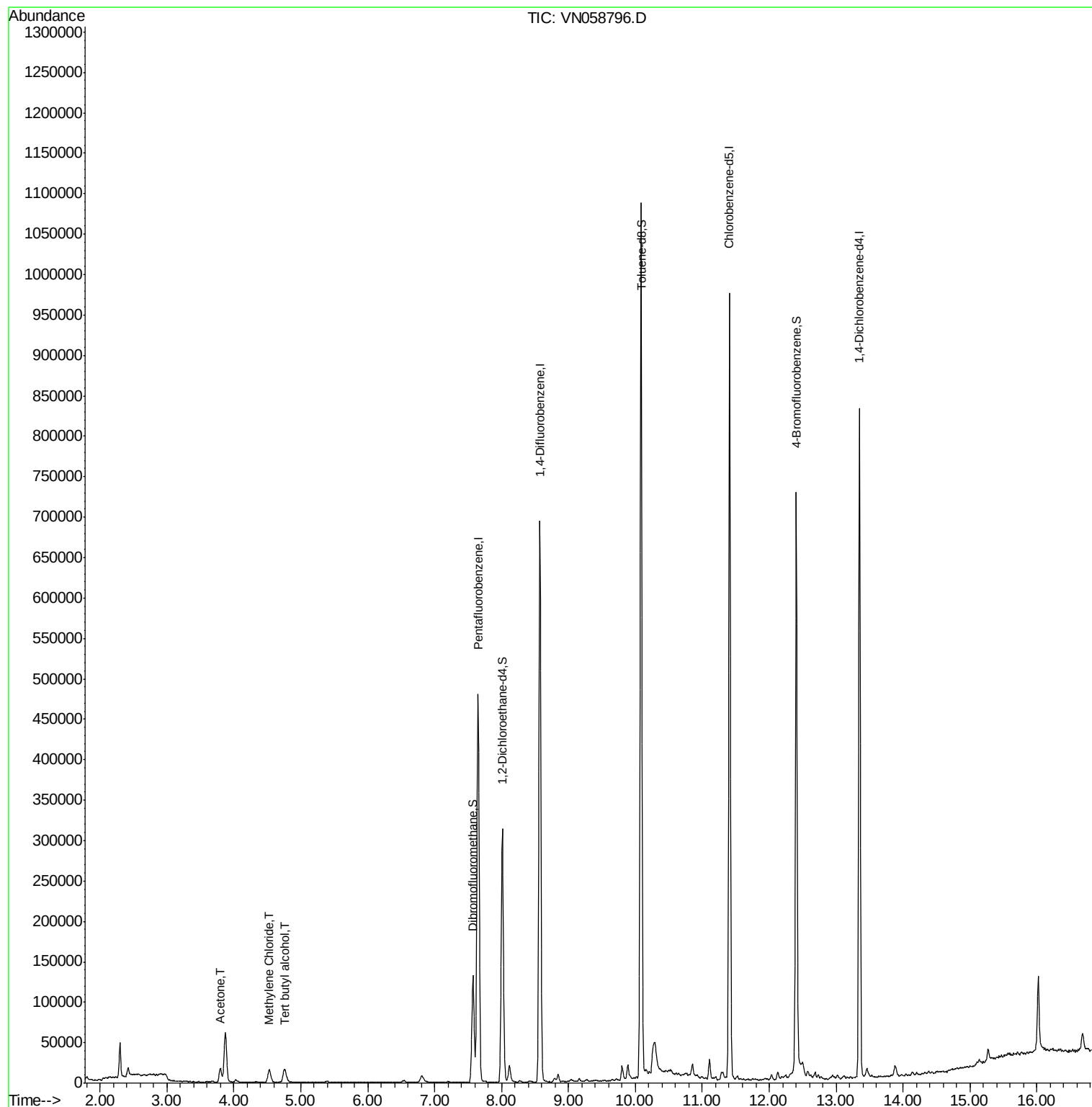
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	379145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	595196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	532035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	207267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	277361	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
35) Dibromofluoromethane	7.57	113	99128	26.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.92%	
50) Toluene-d8	10.09	98	736377	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	239881	43.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.22%	
Target Compounds						
11) Tert butyl alcohol	4.76	59	29323	34.111	ug/l #	87
16) Acetone	3.80	43	31447	14.311	ug/l	97
20) Methylene Chloride	4.53	84	11673	2.542	ug/l	88

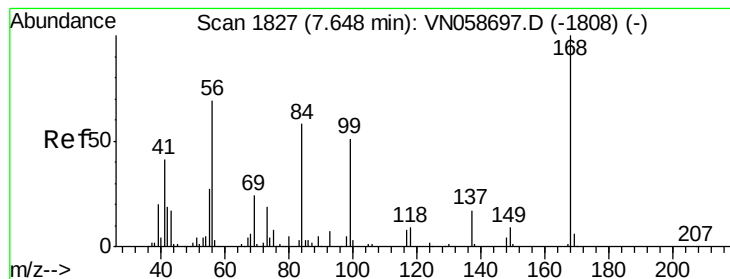
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058796.D

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Instrument :

MSVOA_N

ClientSampleId :

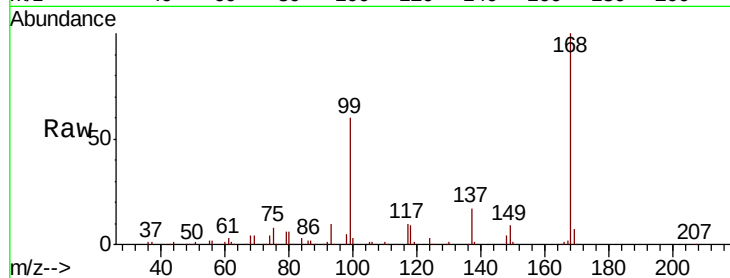
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Tot Ion:168 Resp: 379145

Ion Ratio Lower Upper

168 100

99 59.7 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

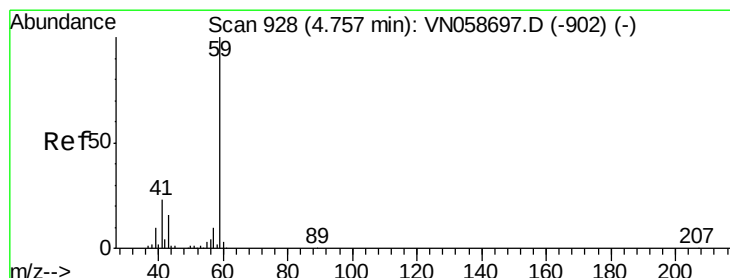
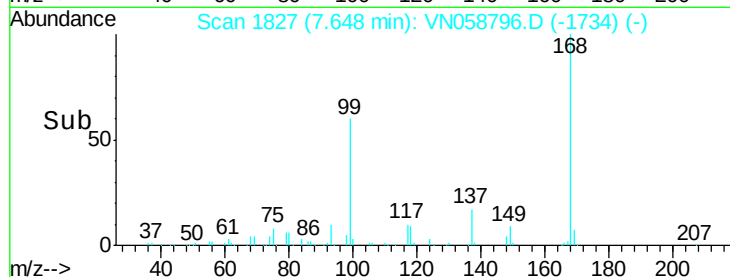
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 34.111 ug/l

RT: 4.76 min Scan# 928

Delta R.T. 0.00 min

Lab File: VN058796.D

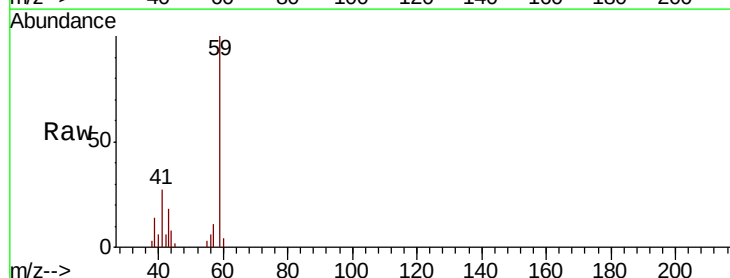
Acq: 16 Oct 2019 13:14

Tgt Ion: 59 Resp: 29323

Ion Ratio Lower Upper

59 100

57 5.6 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.76

8000

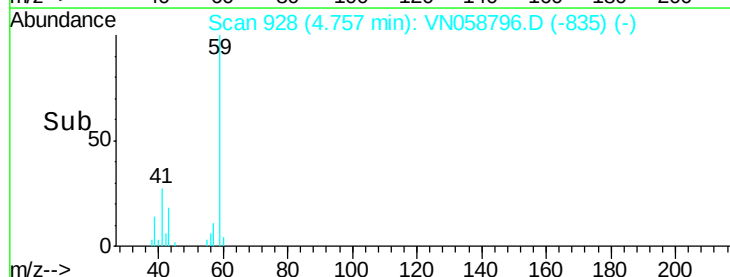
6000

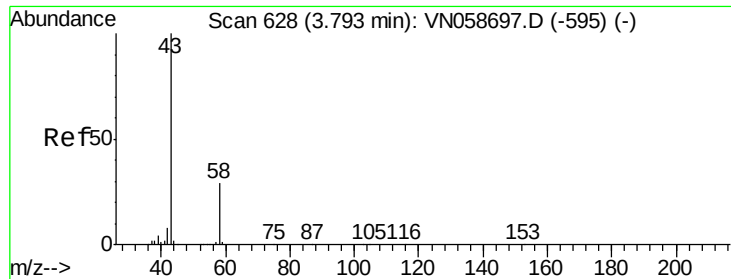
4000

2000

0

Time--> 4.70 4.80

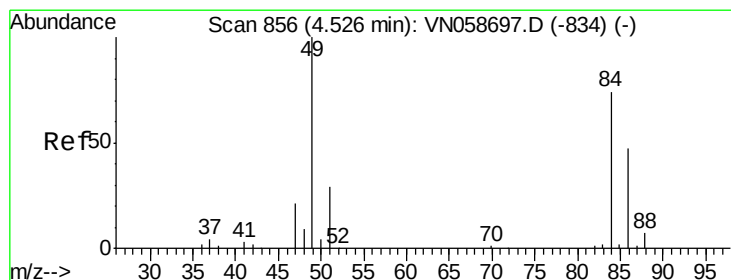
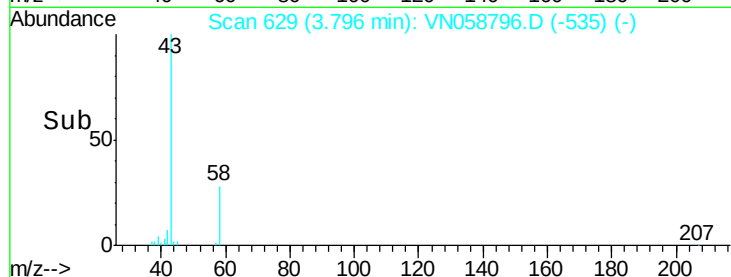
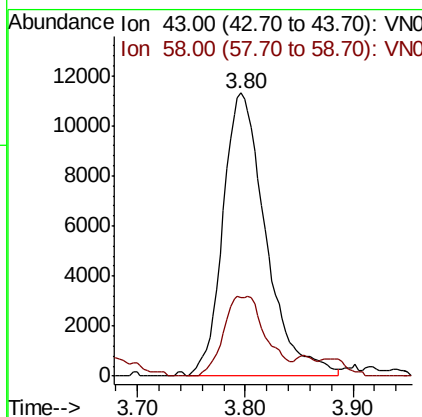
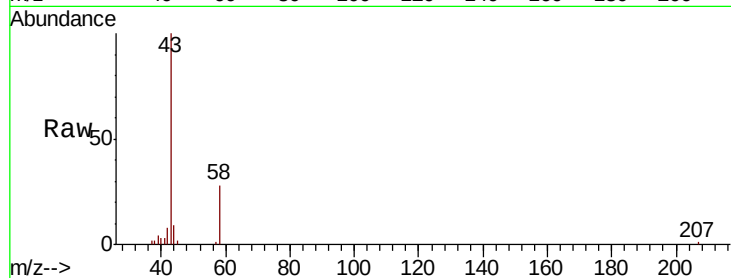




#16
Acetone
Concen: 14.311 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN058796.D
Acq: 16 Oct 2019 13:14

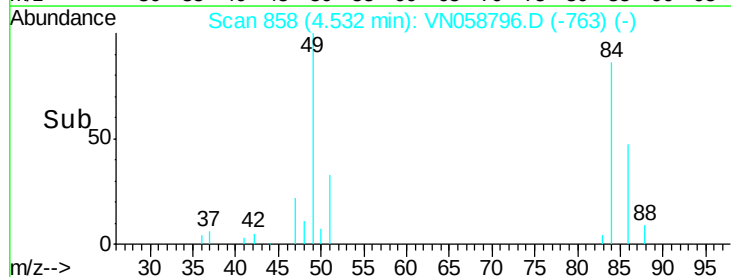
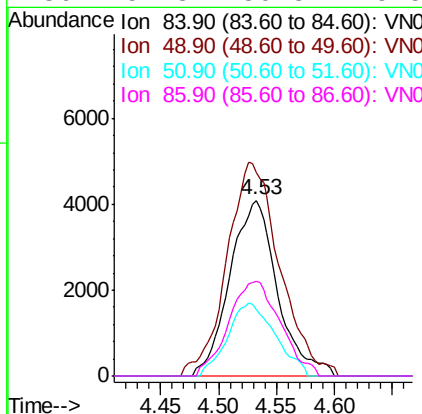
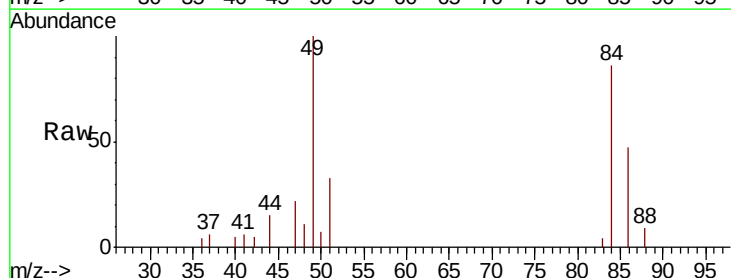
Instrument :
MSVOA_N
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

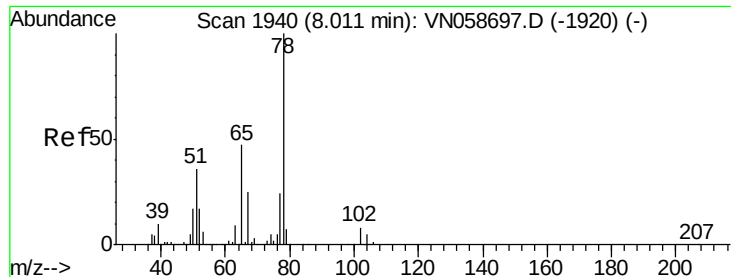
Tot Ion: 43 Resp: 31447
Ion Ratio Lower Upper
43 100
58 27.6 23.3 34.9



#20
Methylene Chloride
Concen: 2.542 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058796.D
Acq: 16 Oct 2019 13:14

Tgt Ion: 84 Resp: 11673
Ion Ratio Lower Upper
84 100
49 115.8 107.6 161.4
51 38.1 31.4 47.0
86 54.3 50.3 75.5

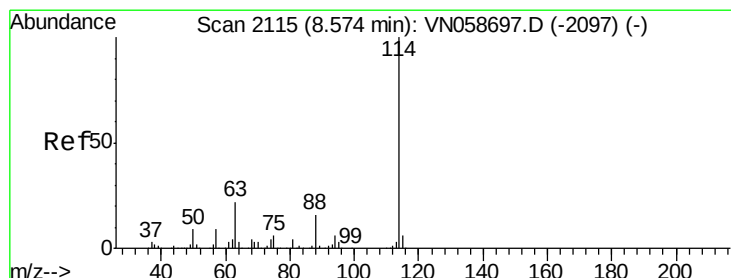
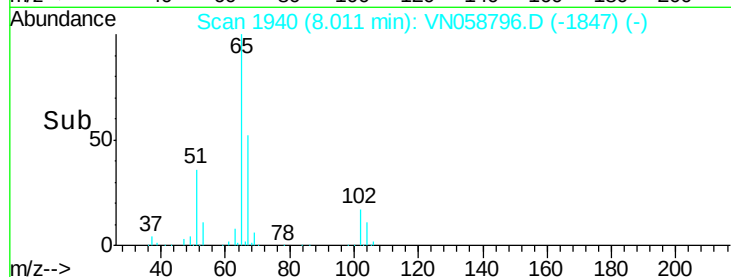
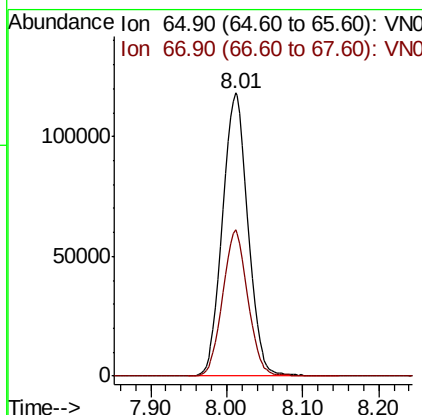
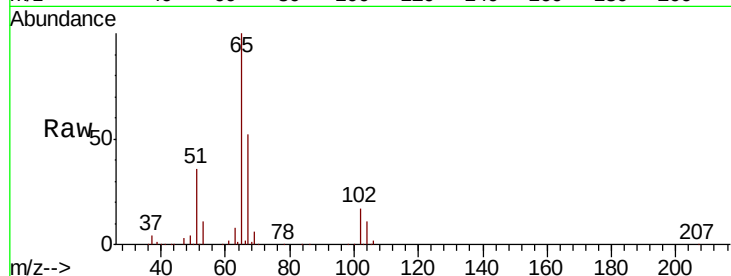




#33
 1,2-Dichloroethane-d4
 Concen: 52.254 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058796.D
 Acq: 16 Oct 2019 13:14

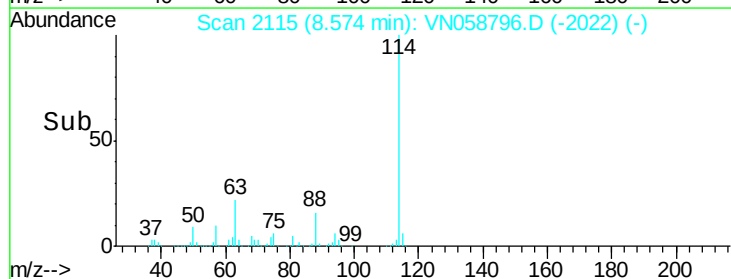
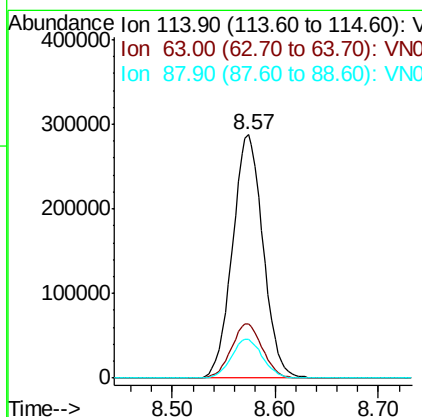
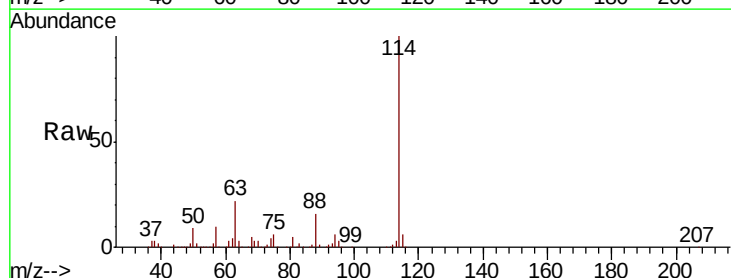
Instrument :
 MSVOA_N
 ClientSampleId :
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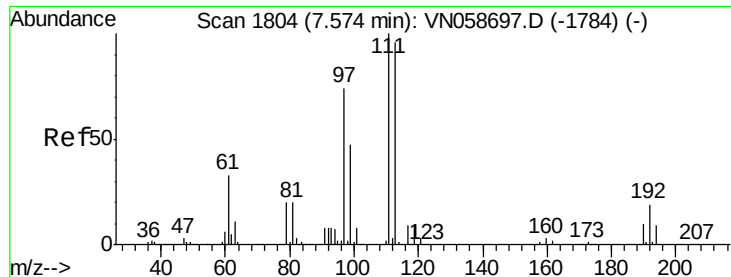
Tot Ion: 65 Resp: 277361
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058796.D
 Acq: 16 Oct 2019 13:14

Tgt Ion: 114 Resp: 595196
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.8
 88 15.9 0.0 32.0

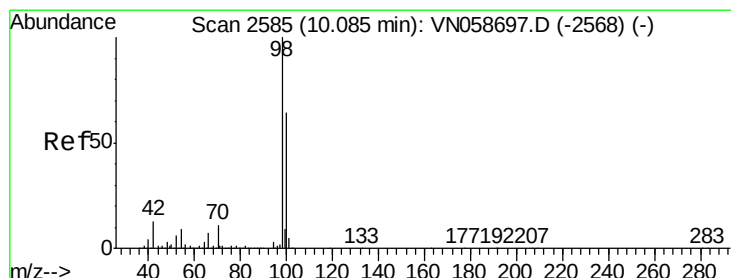
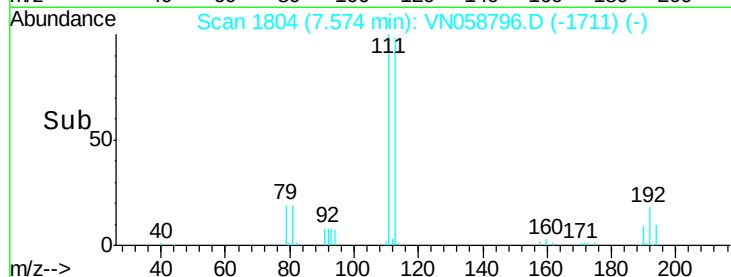
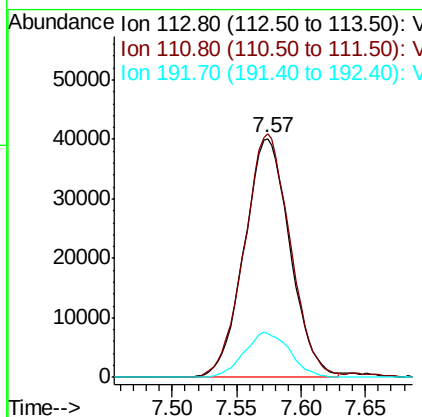
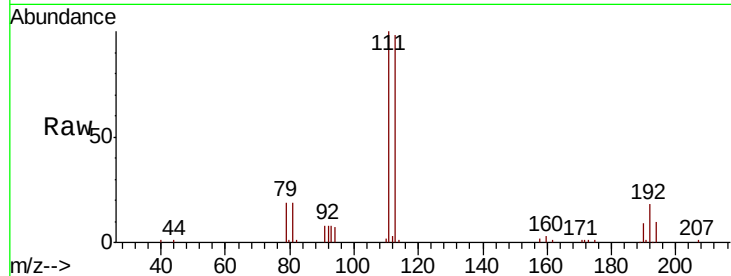




#35
Dibromofluoromethane
Concen: 26.963 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058796.D
Acq: 16 Oct 2019 13:14

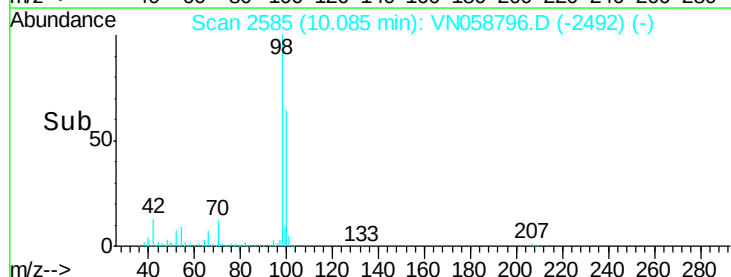
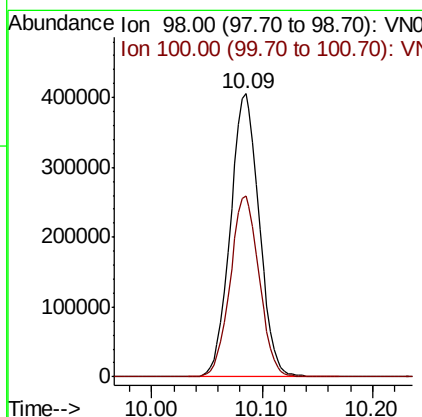
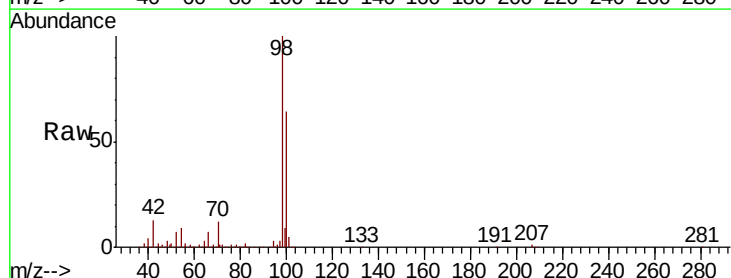
Instrument :
MSVOA_N
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20190897-AMENDED-COMP-KM-CA

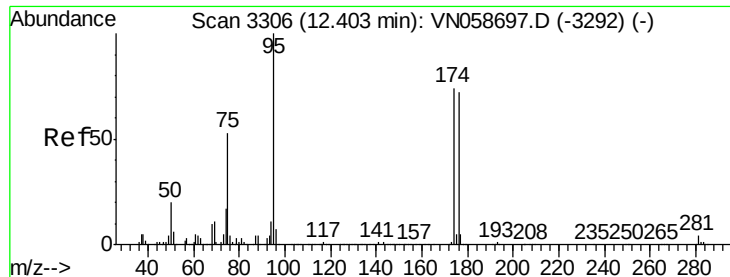
Tot Ion:113 Resp: 99128
Ion Ratio Lower Upper
113 100
111 102.2 82.3 123.5
192 18.7 15.0 22.6



#50
Toluene-d8
Concen: 50.089 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058796.D
Acq: 16 Oct 2019 13:14

Tgt Ion: 98 Resp: 736377
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 43.106 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058796.D

Acq: 16 Oct 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

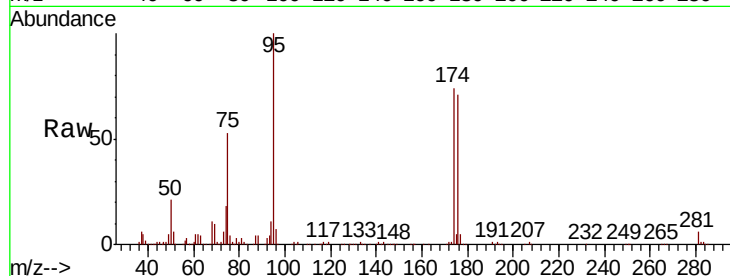
Tot Ion: 95 Resp: 239881

Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.4

176 73.8 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN058697.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058697.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058697.D (-3292) (-)

12.40

150000

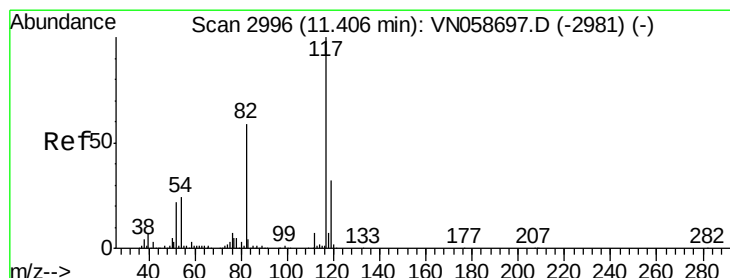
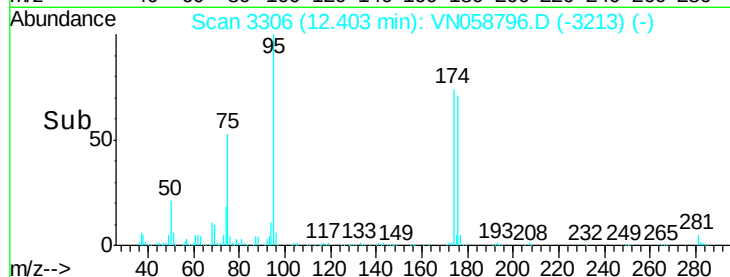
100000

50000

0

Time-->

12.35 12.40 12.45 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058796.D

Acq: 16 Oct 2019 13:14

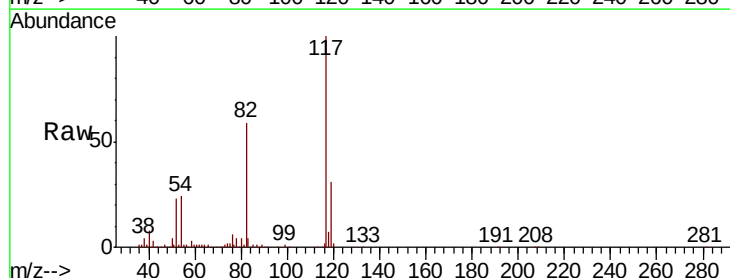
Tgt Ion: 117 Resp: 532035

Ion Ratio Lower Upper

117 100

82 58.9 47.0 70.4

119 31.3 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN058697.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058697.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058697.D (-2981) (-)

11.41

400000

300000

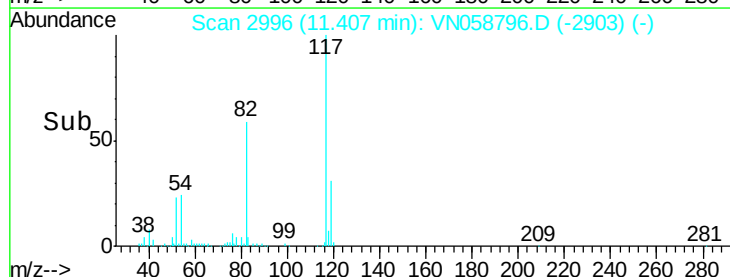
200000

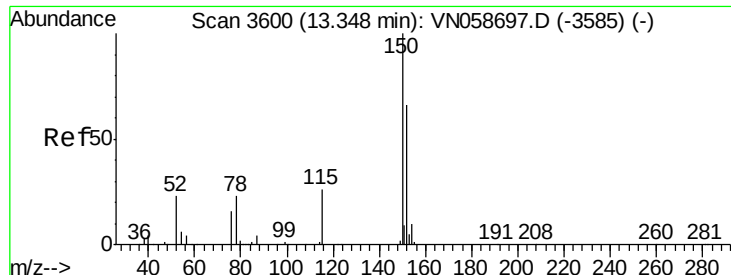
100000

0

Time-->

11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058796.D

Acq: 16 Oct 2019 13:14

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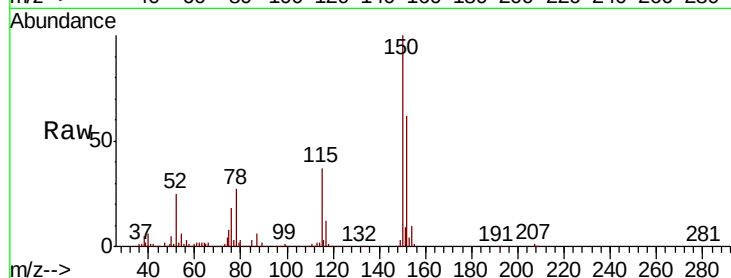
Tot Ion:152 Resp: 207267

Ion Ratio Lower Upper

152 100

115 60.8 30.4 91.2

150 159.2 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

