

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058716.D
 Acq On : 11 Oct 2019 20:46
 Operator : JC/SP
 Sample : K5336-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-USMW025-9001

Quant Time: Oct 12 01:02:27 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

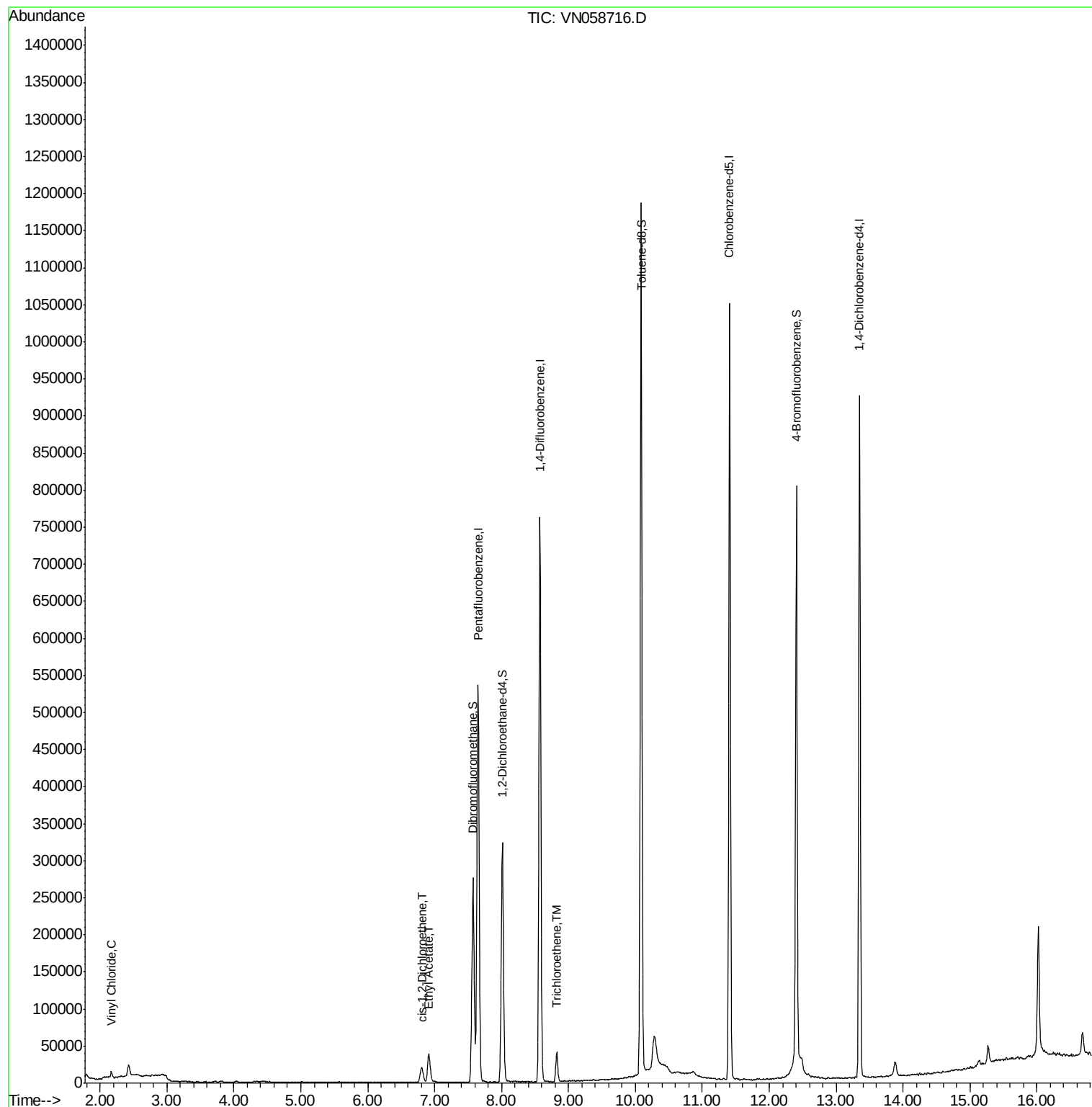
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	426166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	656742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	579984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	234617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	287416	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
35) Dibromofluoromethane	7.57	113	204944	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	10.08	98	789435	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.41	95	263837	42.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.94%	
Target Compounds						
4) Vinyl Chloride	2.17	62	7517	1.196	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	6397	1.198	ug/l	82
37) Ethyl Acetate	6.91	43	66029	9.833	ug/l	99
44) Trichloroethene	8.82	130	13713	2.896	ug/l	100

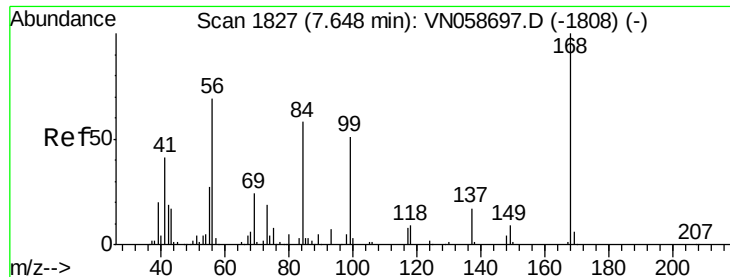
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

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MSVOA_N

ClientSampleId :

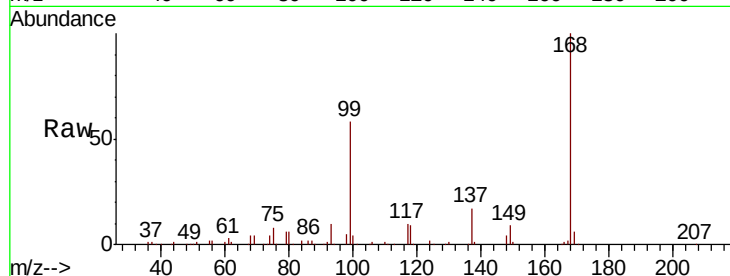
FA19-USMW025-9001

Tot Ion:168 Resp: 426166

Ion Ratio Lower Upper

168 100

99 58.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

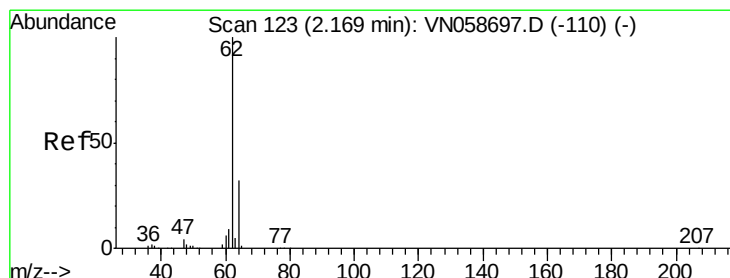
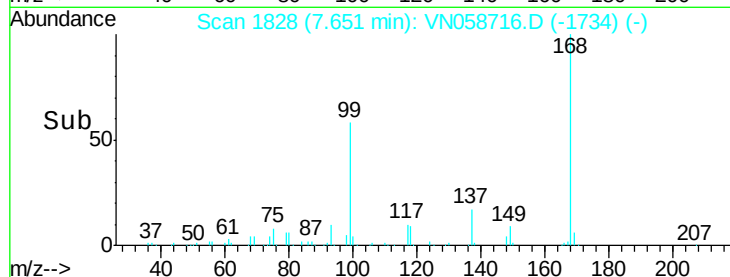
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 1.196 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058716.D

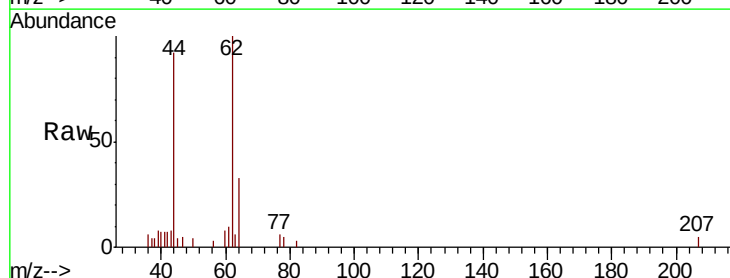
Acq: 11 Oct 2019 20:46

Tgt Ion: 62 Resp: 7517

Ion Ratio Lower Upper

62 100

64 32.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

5000

4000

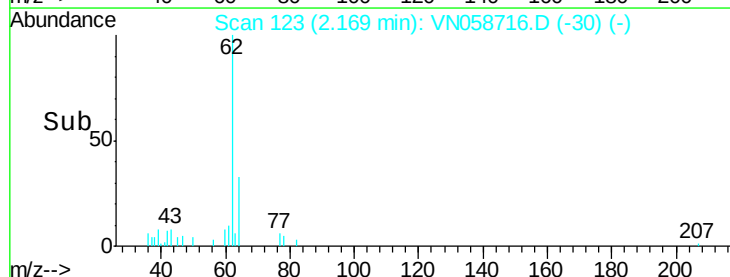
3000

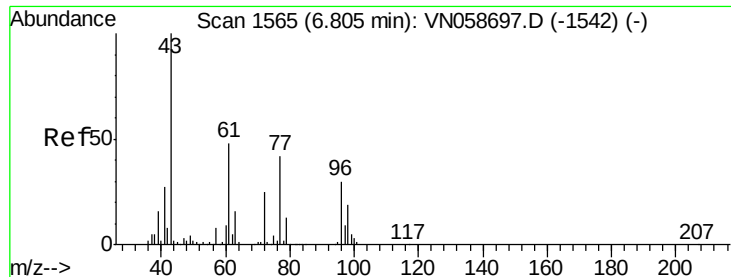
2000

1000

0

Time--> 2.15 2.20





#27

cis-1,2-Dichloroethene

Concen: 1.198 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN058716.D

Acq: 11 Oct 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

FA19-USMW025-9001

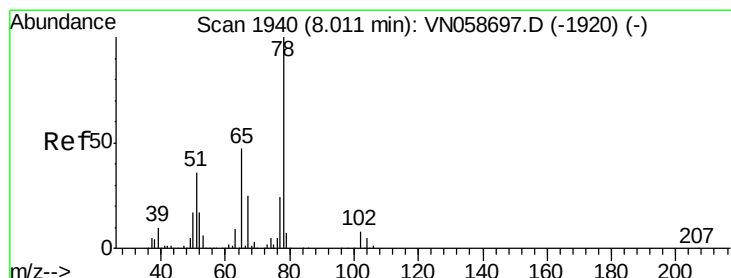
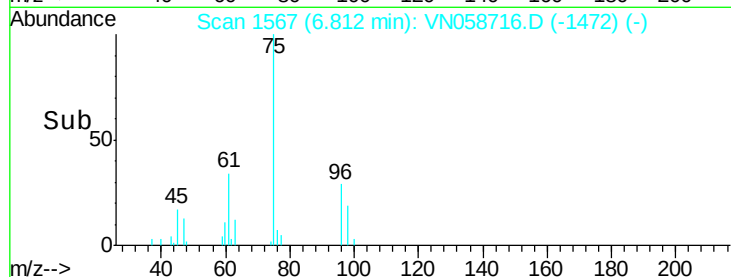
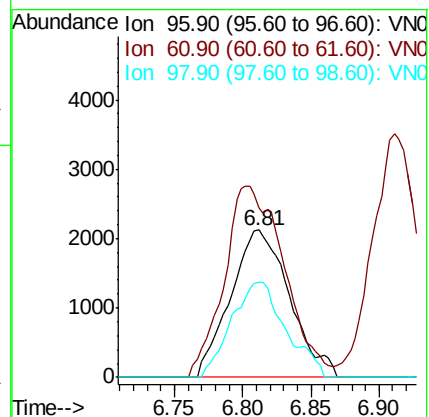
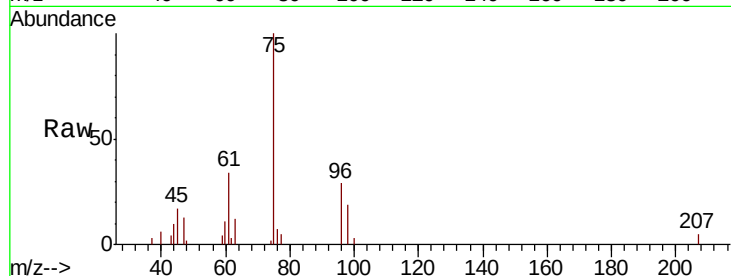
Tot Ion: 96 Resp: 6397

Ion Ratio Lower Upper

96 100

61 132.0 0.0 324.8

98 59.2 0.0 129.2



#33

1,2-Dichloroethane-d4

Concen: 48.174 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058716.D

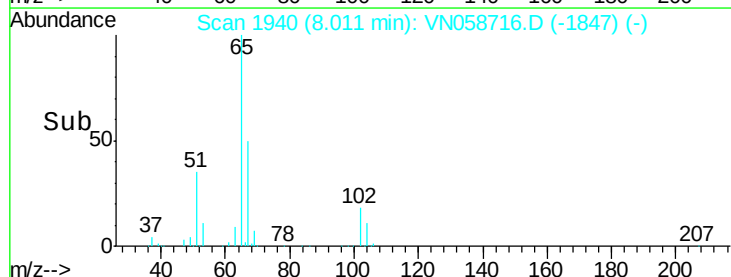
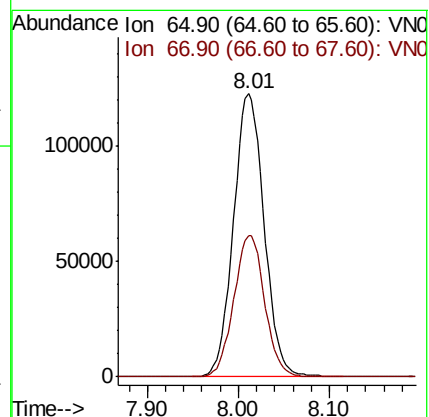
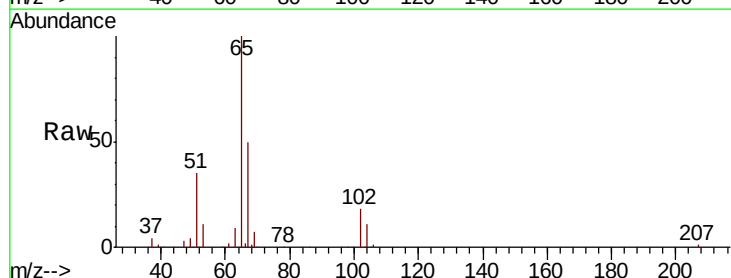
Acq: 11 Oct 2019 20:46

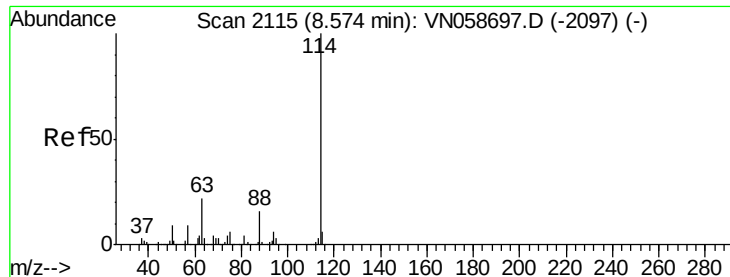
Tgt Ion: 65 Resp: 287416

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.8

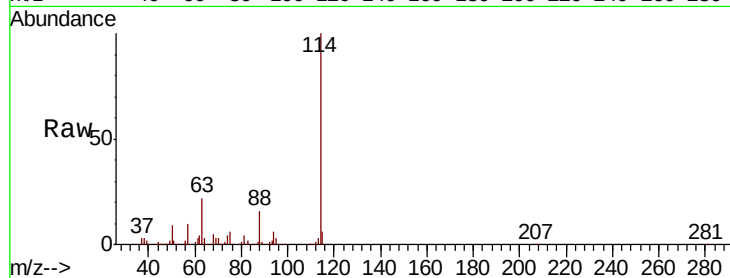




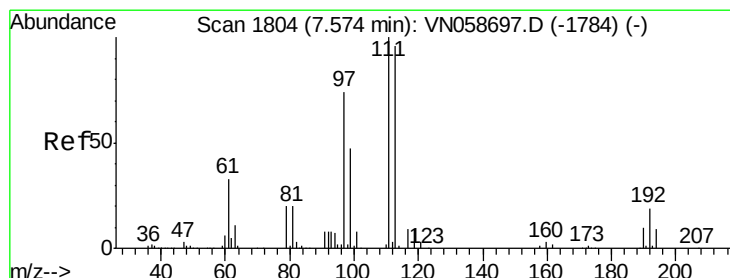
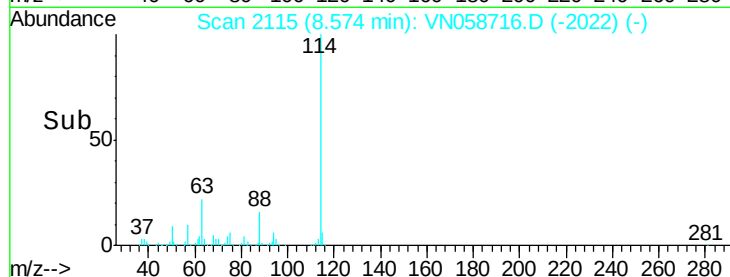
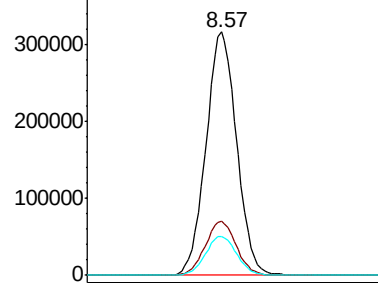
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058716.D
Acq: 11 Oct 2019 20:46

Instrument :
MSVOA_N
ClientSampleId :
FA19-USMW025-9001

Tot Ion:114 Resp: 656742
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.8
88 16.2 0.0 32.0

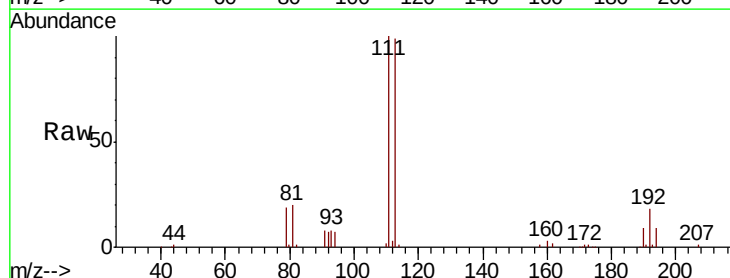


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

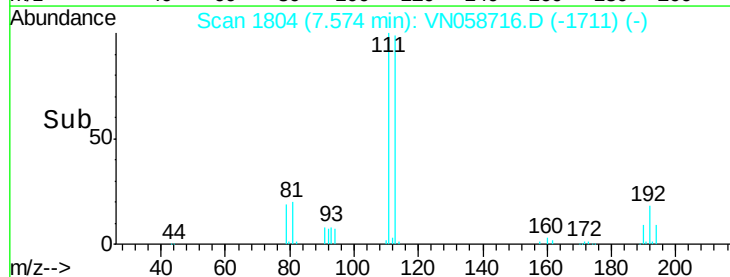
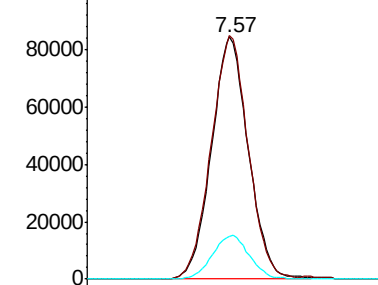


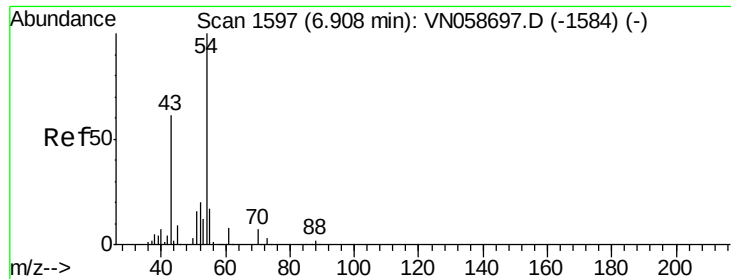
#35
Dibromofluoromethane
Concen: 50.522 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058716.D
Acq: 11 Oct 2019 20:46

Tgt Ion:113 Resp: 204944
Ion Ratio Lower Upper
113 100
111 101.3 82.3 123.5
192 18.2 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

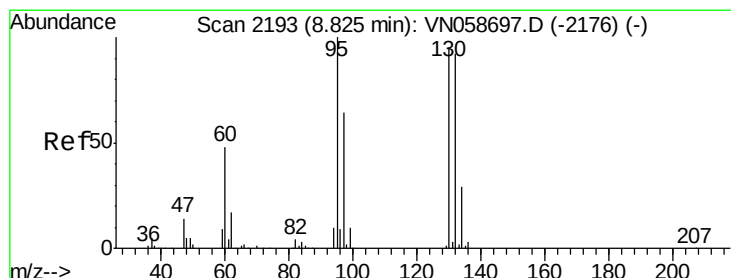
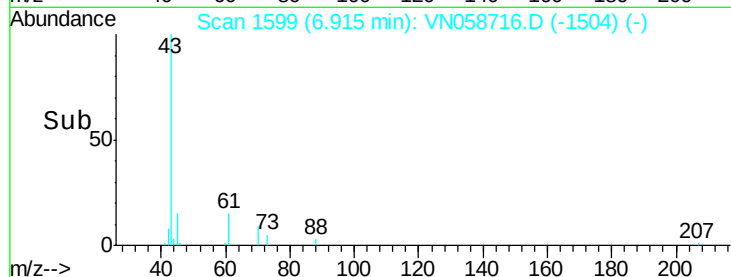
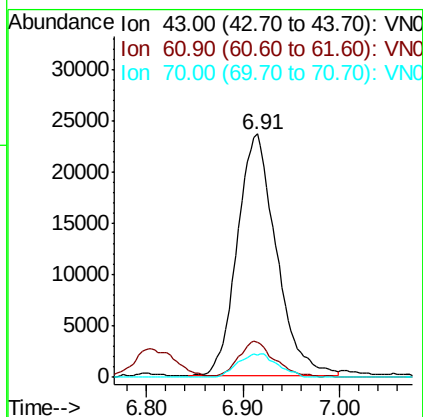
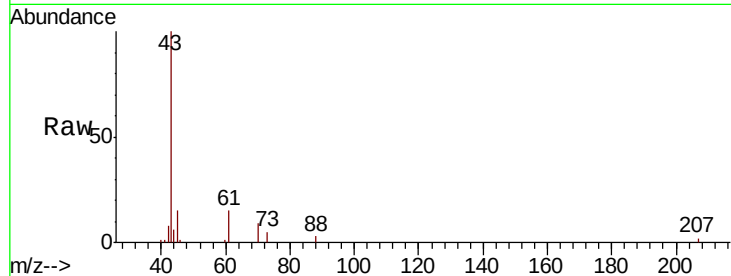




#37
Ethyl Acetate
Concen: 9.833 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VN058716.D
Acq: 11 Oct 2019 20:46

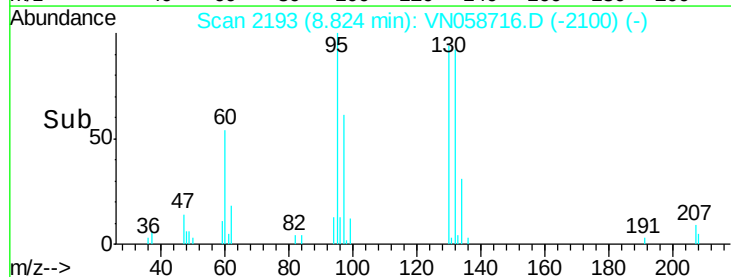
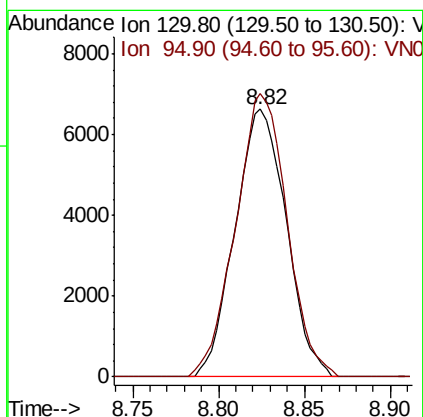
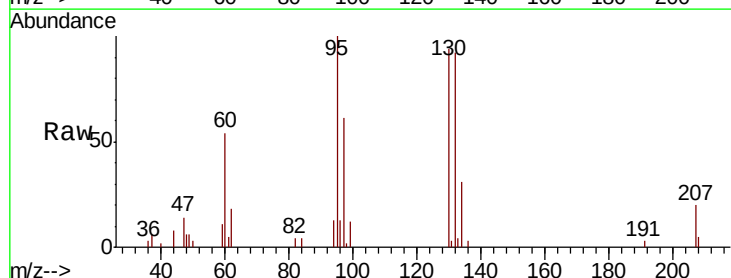
Instrument :
MSVOA_N
ClientSampleId :
FA19-USMW025-9001

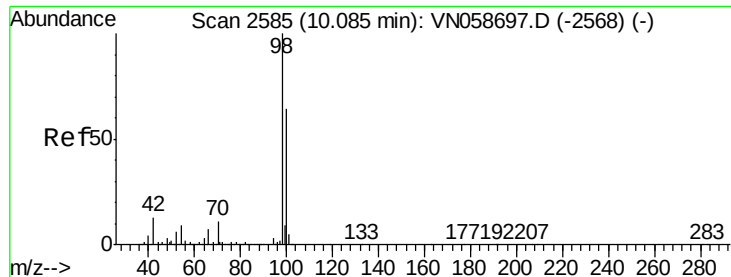
Tot Ion: 43 Resp: 66029
Ion Ratio Lower Upper
43 100
61 13.9 11.3 16.9
70 10.0 7.2 10.8



#44
Trichloroethene
Concen: 2.896 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN058716.D
Acq: 11 Oct 2019 20:46

Tgt Ion: 130 Resp: 13713
Ion Ratio Lower Upper
130 100
95 105.8 0.0 211.2





#50

Toluene-d8

Concen: 48.666 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058716.D

Acq: 11 Oct 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

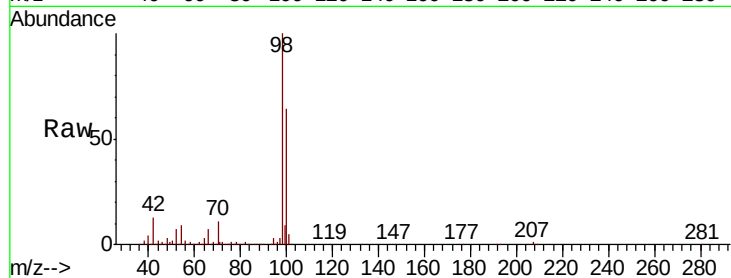
FA19-USMW025-9001

Tot Ion: 98 Resp: 789435

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

400000

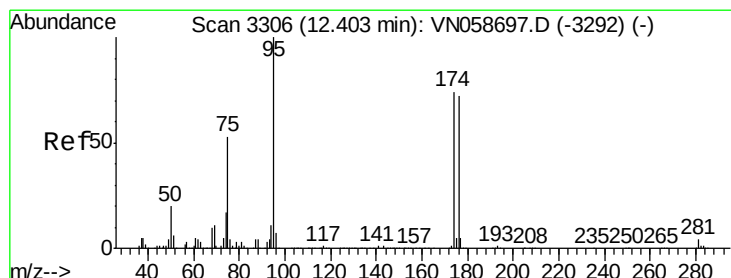
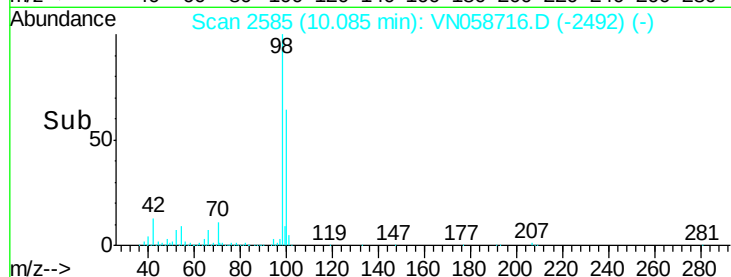
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.968 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058716.D

Acq: 11 Oct 2019 20:46

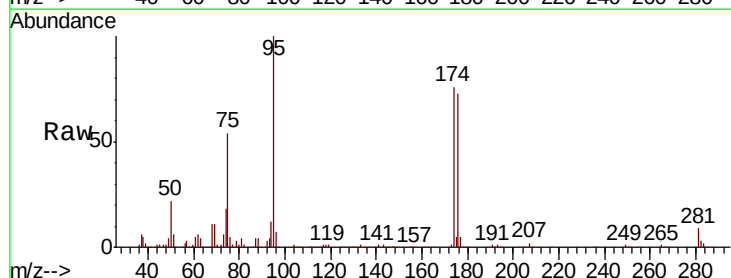
Tgt Ion: 95 Resp: 263837

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.4

176 73.0 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

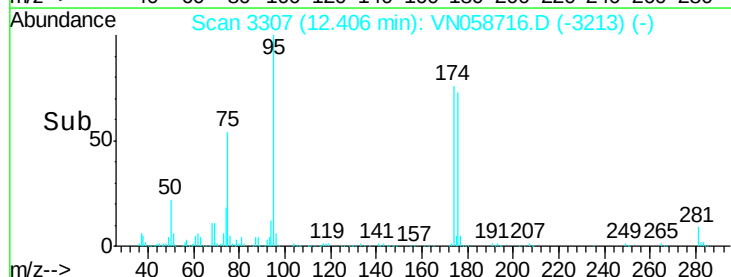
150000

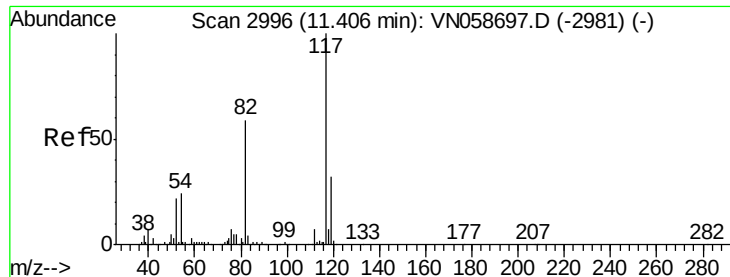
100000

50000

0

Time-->

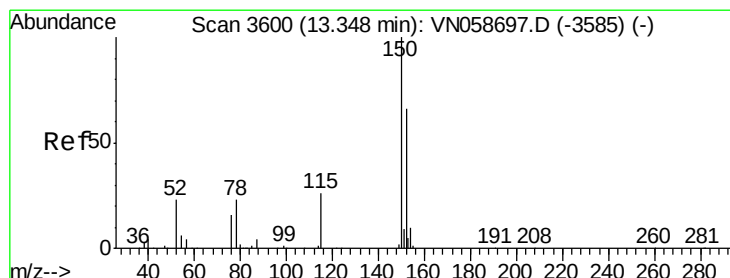
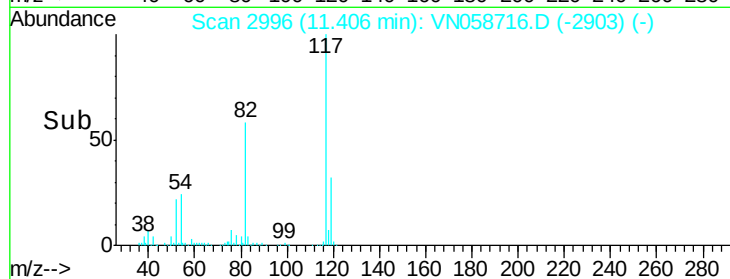
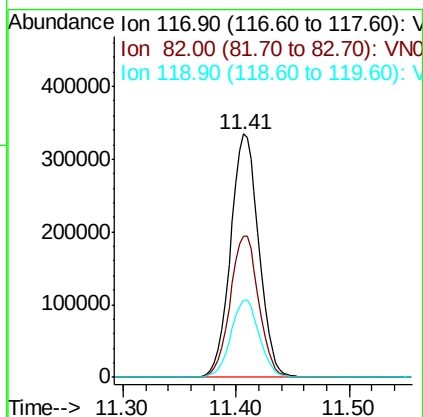
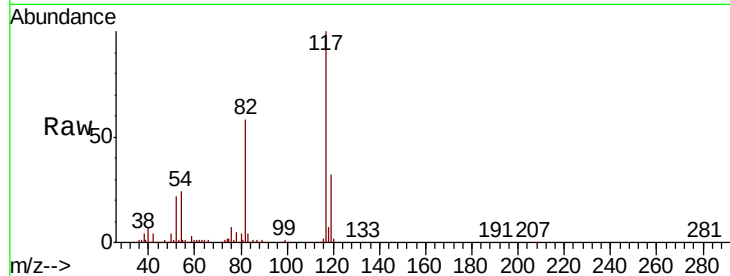




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058716.D
Acq: 11 Oct 2019 20:46

Instrument :
MSVOA_N
ClientSampleId :
FA19-USMW025-9001

Tot Ion:117 Resp: 579984
Ion Ratio Lower Upper
117 100
82 58.1 47.0 70.4
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058716.D
Acq: 11 Oct 2019 20:46

Tgt Ion:152 Resp: 234617
Ion Ratio Lower Upper
152 100
115 61.9 30.4 91.2
150 157.4 0.0 345.4

