

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059041.D
 Acq On : 31 Oct 2019 15:59
 Operator : JC/SP
 Sample : K5626-02DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003EW296-191029DL

Quant Time: Nov 04 12:06:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

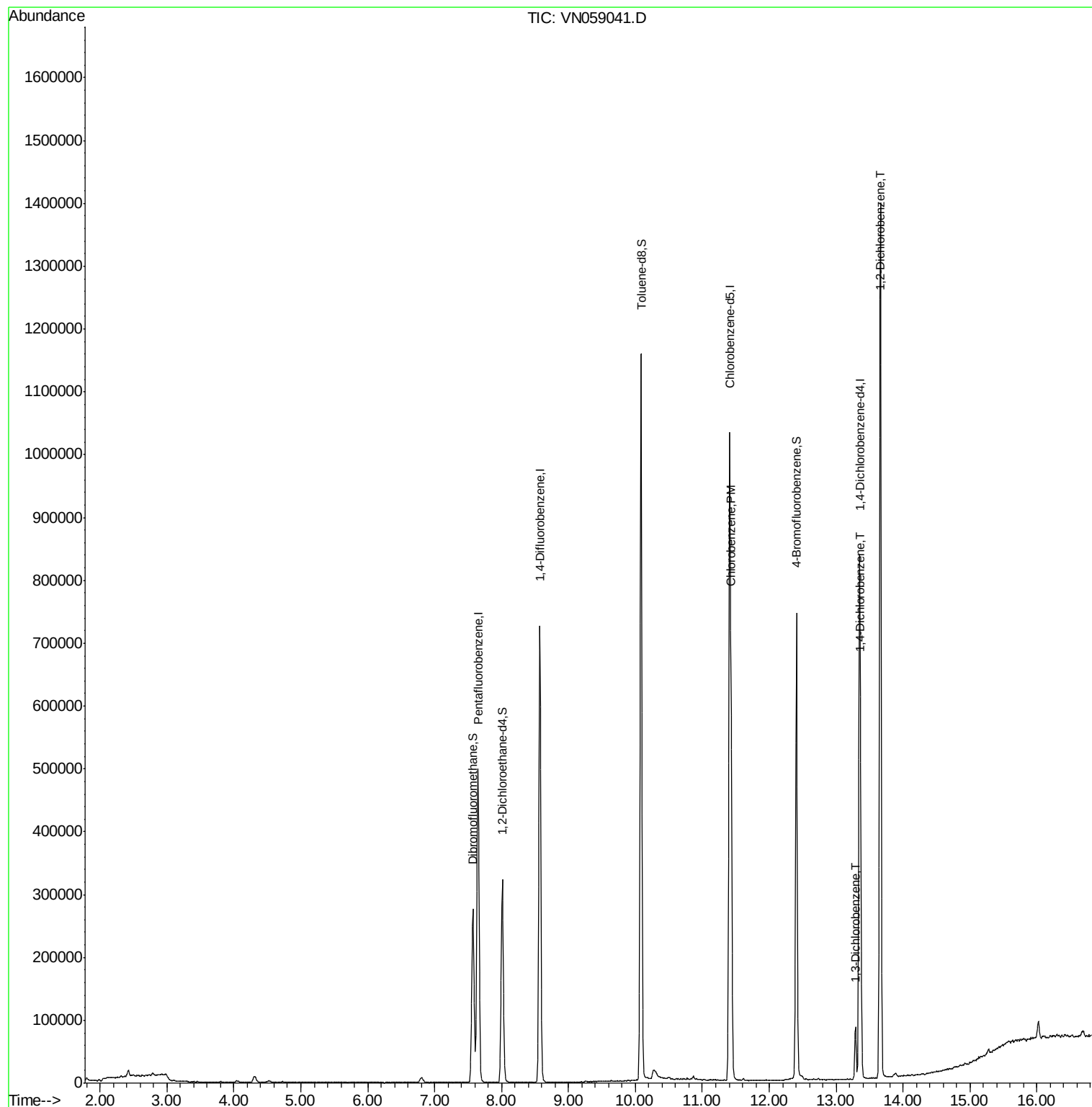
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	398916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	623436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	553577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	285655	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
35) Dibromofluoromethane	7.57	113	211935	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
50) Toluene-d8	10.08	98	804069	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.41	95	254538	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	
Target Compounds						
65) Chlorobenzene	11.43	112	268665	23.839	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	34163	5.074	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	88305	13.099	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	575638	86.980	ug/l	100

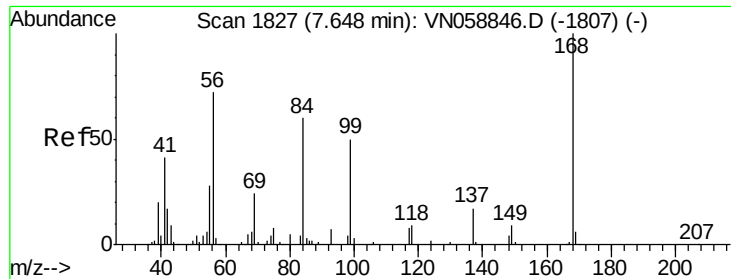
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
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QLast Update : Sat Oct 19 00:16:20 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: VN059041.D

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Instrument :

MSVOA_N

ClientSampleId :

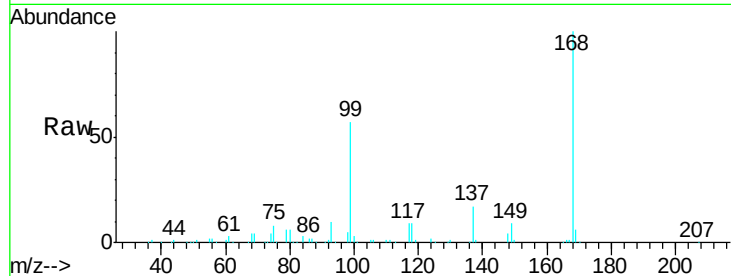
SS003EW296-191029DL

Tgt Ion:168 Resp: 398916

Ion Ratio Lower Upper

168 100

99 57.2 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

150000

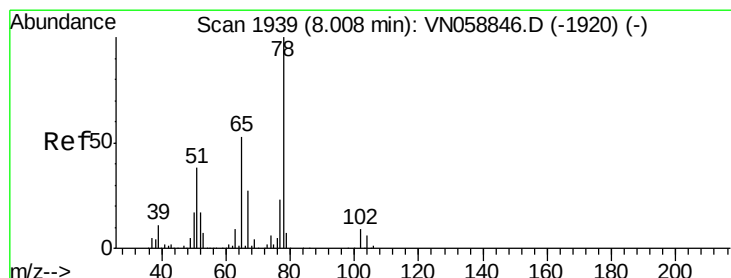
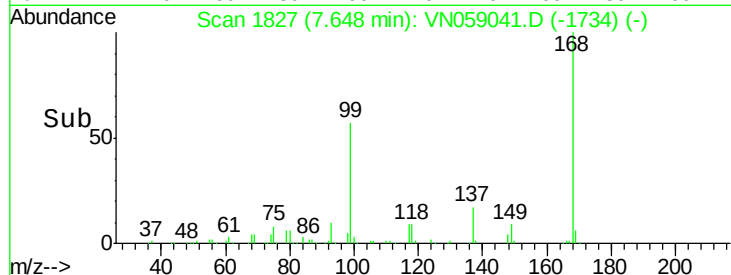
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.824 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059041.D

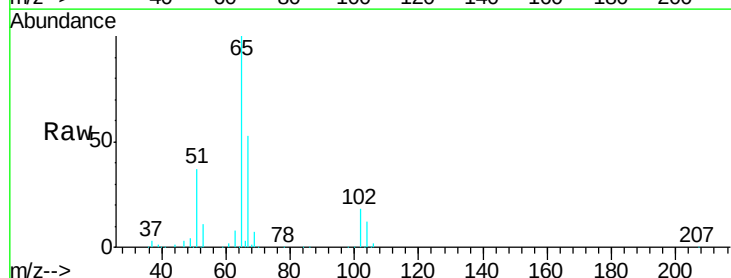
Acq: 31 Oct 2019 15:59

Tgt Ion: 65 Resp: 285655

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

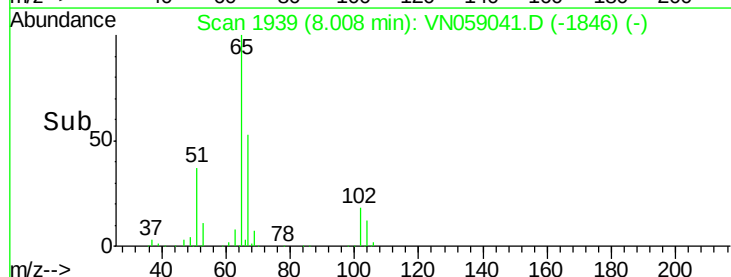
100000

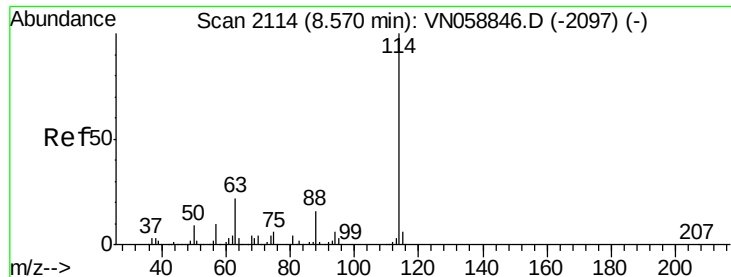
50000

0

7.90 8.00 8.10

Time-->

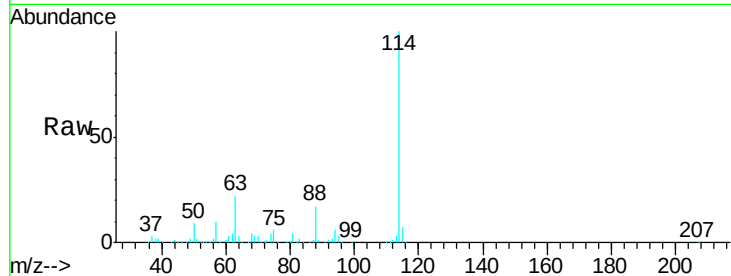




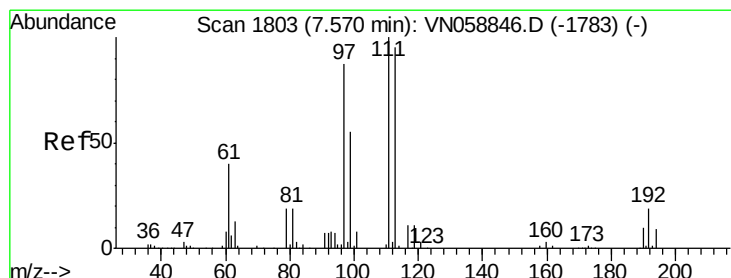
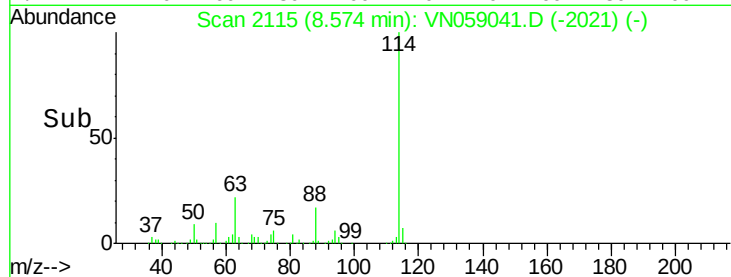
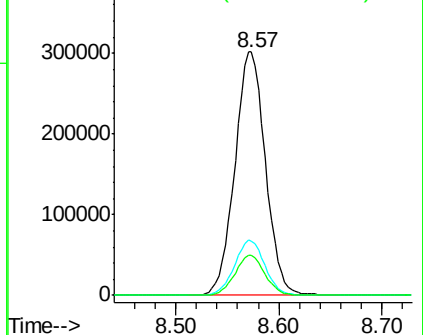
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN059041.D
 Acq: 31 Oct 2019 15:59

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003EW296-191029DL

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.4
88	16.6	0.0	31.4

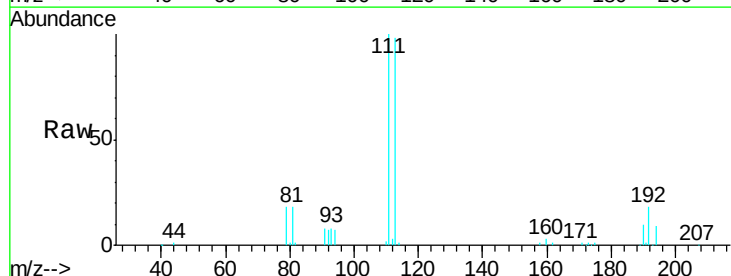


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

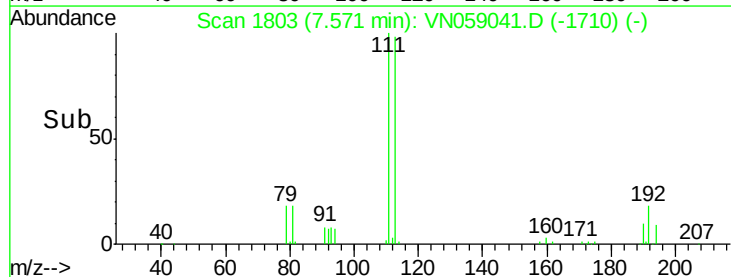
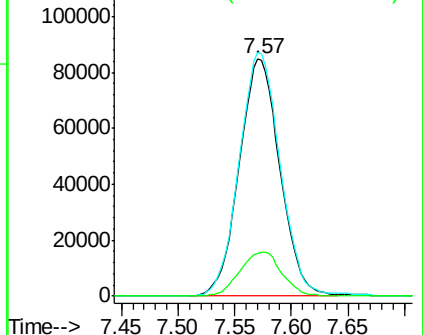


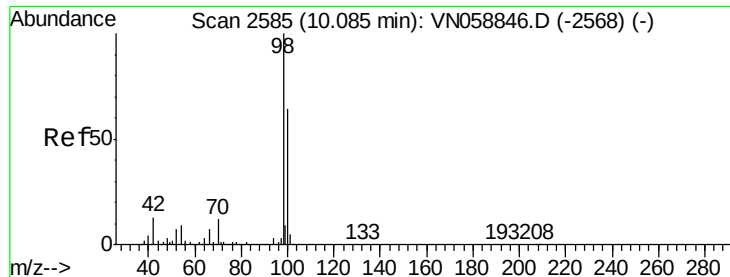
#35
 Dibromofluoromethane
 Concen: 51.705 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059041.D
 Acq: 31 Oct 2019 15:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.0	123.0
192	19.1	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

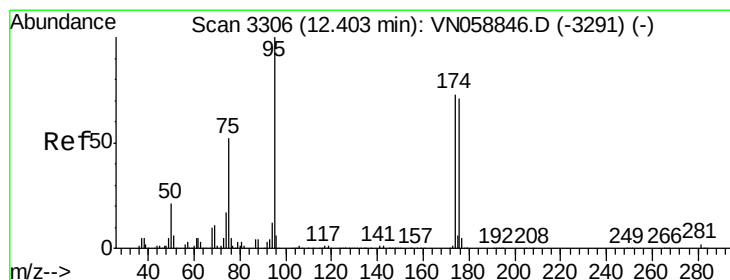
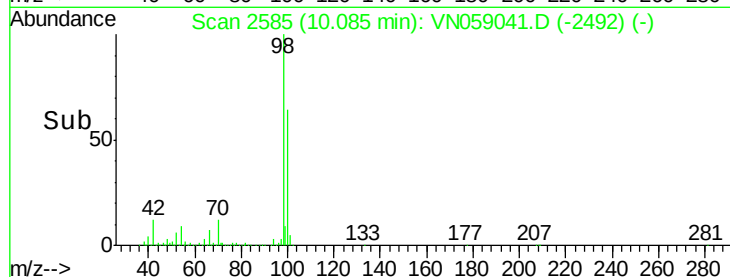
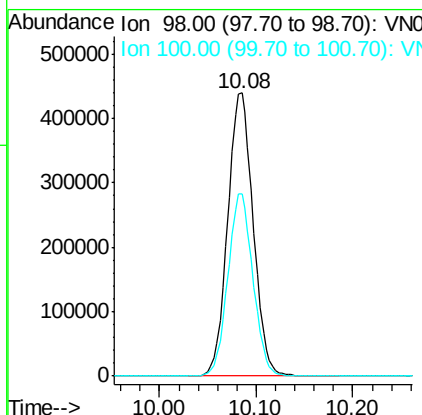
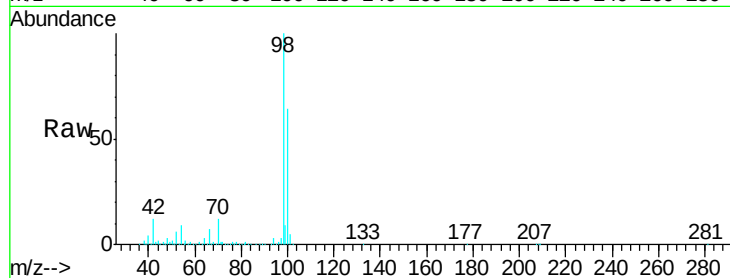




#50
Toluene-d8
Concen: 50.534 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN059041.D
Acq: 31 Oct 2019 15:59

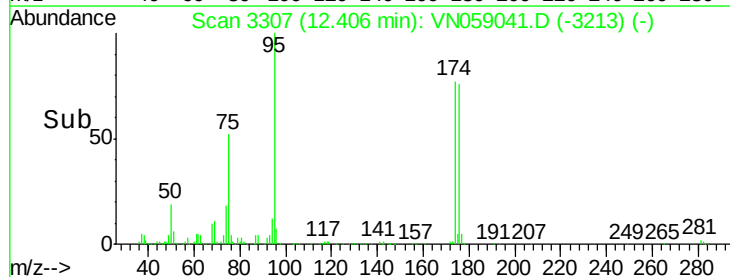
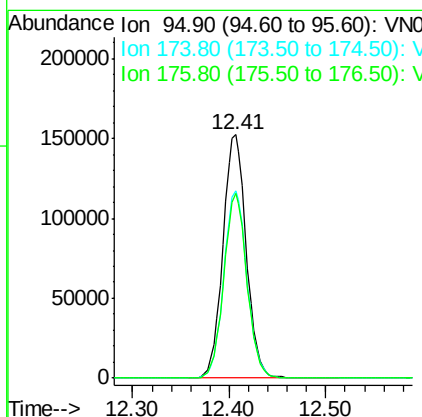
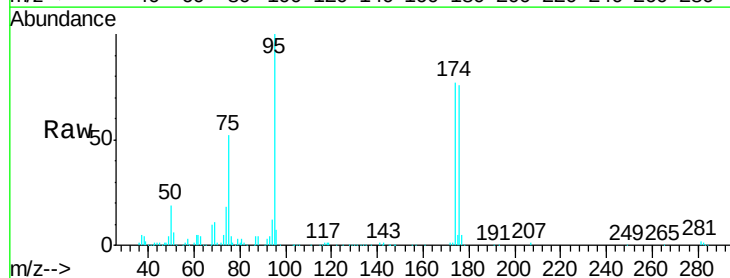
Instrument :
MSVOA_N
ClientSampleId :
SS003EW296-191029DL

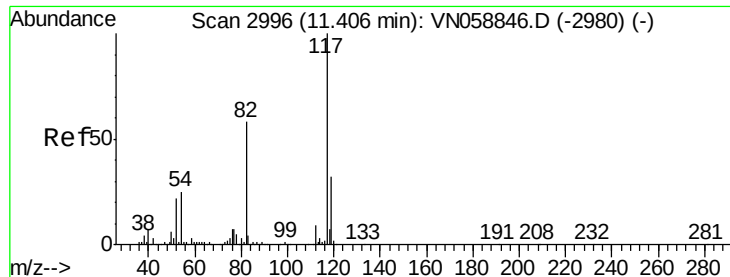
Tgt Ion: 98 Resp: 804069
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 43.562 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN059041.D
Acq: 31 Oct 2019 15:59

Tgt Ion: 95 Resp: 254538
Ion Ratio Lower Upper
95 100
174 76.7 0.0 147.6
176 75.1 0.0 143.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059041.D

Acq: 31 Oct 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

SS003EW296-191029DL

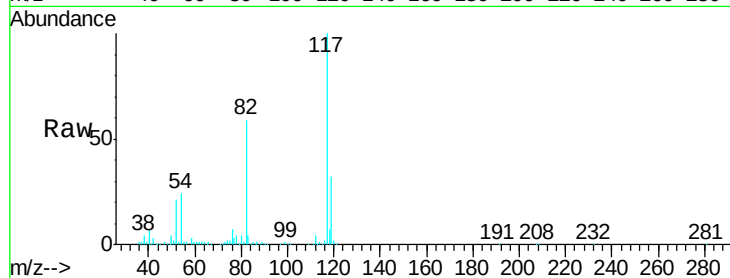
Tgt Ion:117 Resp: 553577

Ion Ratio Lower Upper

117 100

82 58.5 46.6 69.8

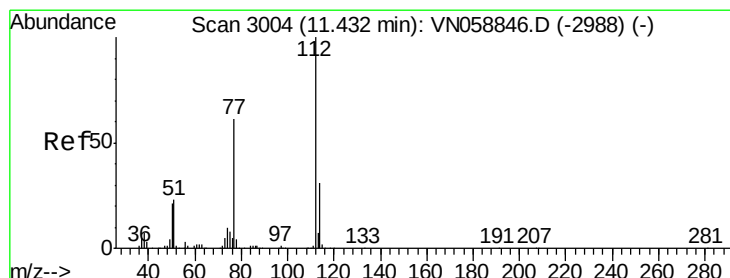
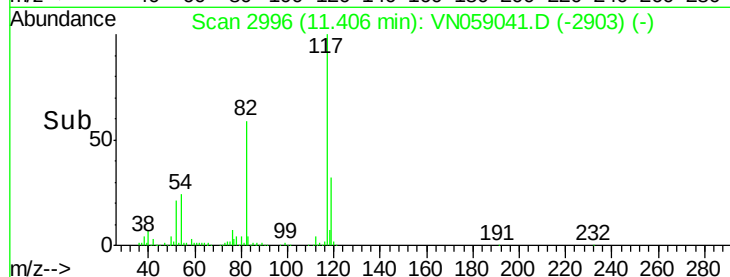
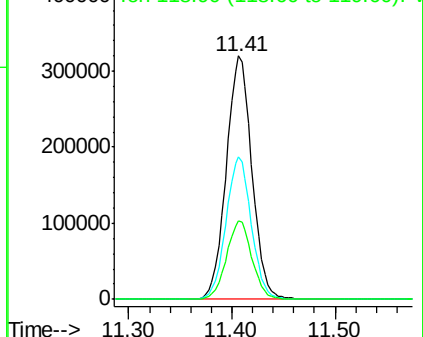
119 32.1 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 23.839 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN059041.D

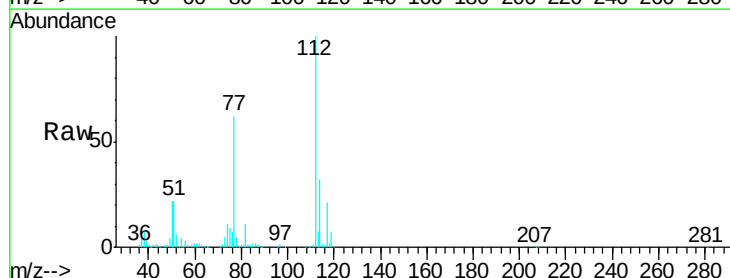
Acq: 31 Oct 2019 15:59

Tgt Ion:112 Resp: 268665

Ion Ratio Lower Upper

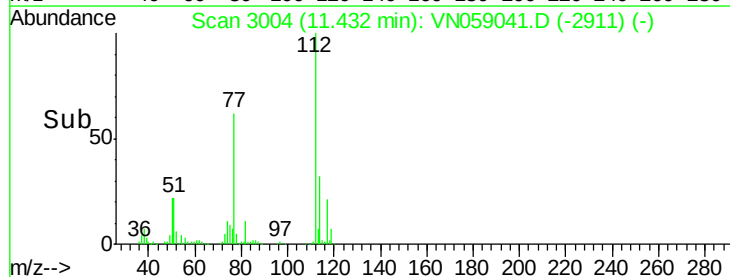
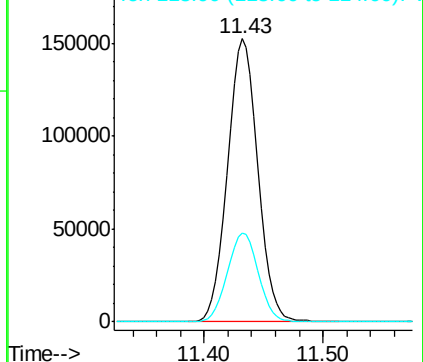
112 100

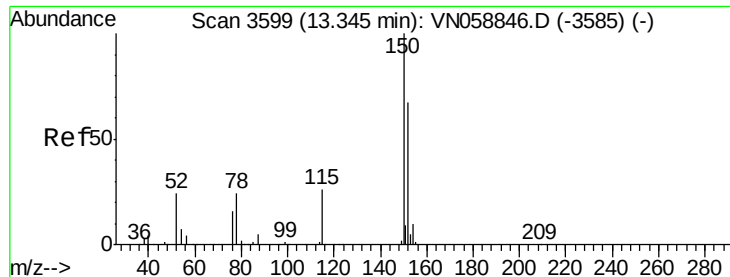
114 31.6 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

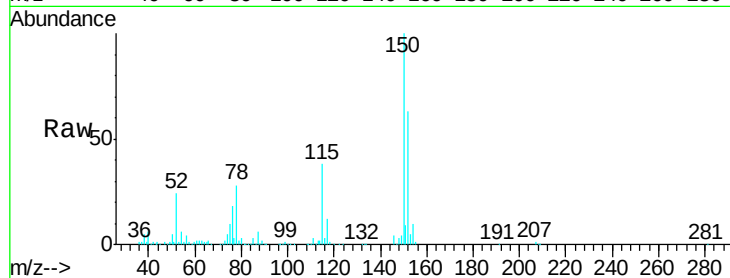




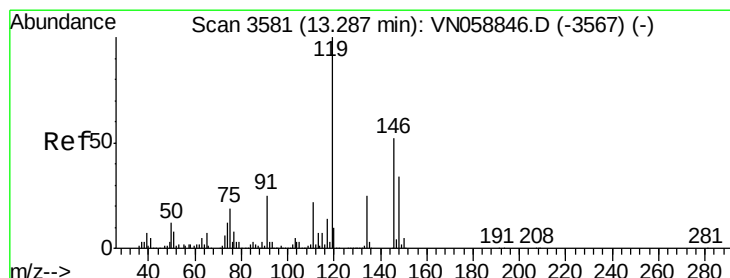
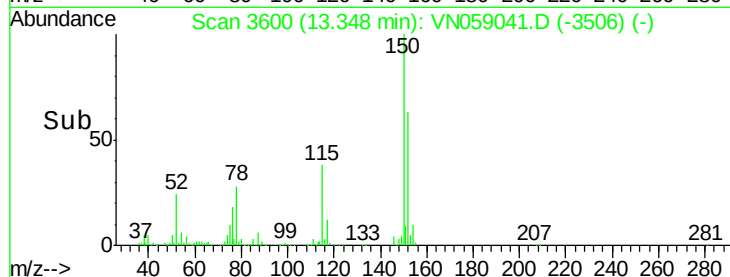
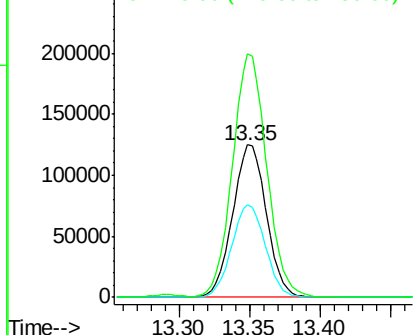
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN059041.D
 Acq: 31 Oct 2019 15:59

Instrument :
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 SS003EW296-191029DL

Tgt Ion:152 Resp: 209052
 Ion Ratio Lower Upper
 152 100
 115 60.7 30.5 91.5
 150 161.7 0.0 344.4

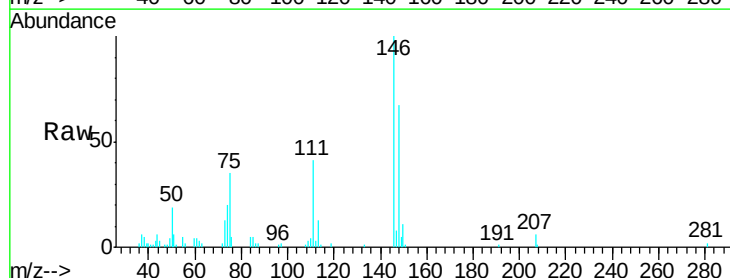


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

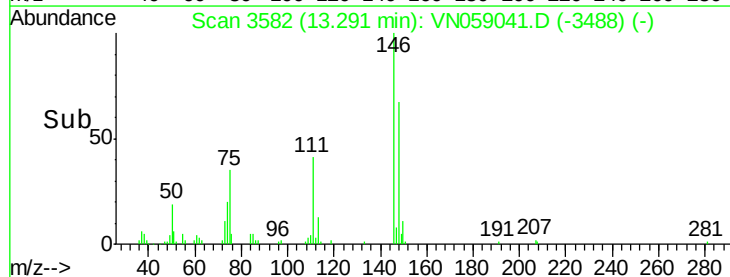
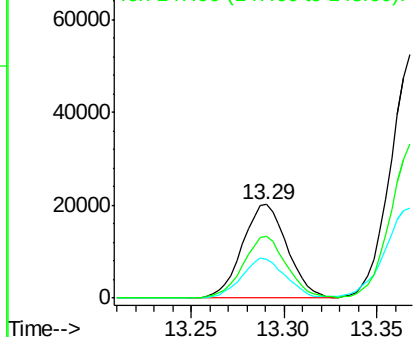


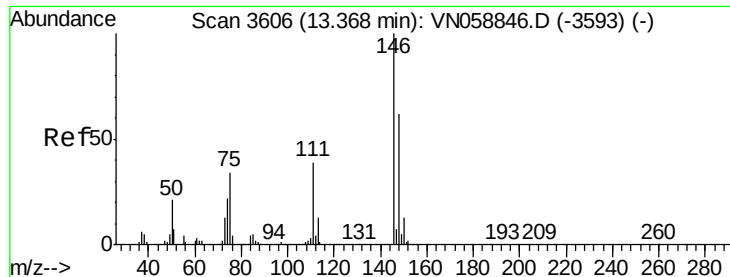
#87
 1,3-Dichlorobenzene
 Concen: 5.074 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN059041.D
 Acq: 31 Oct 2019 15:59

Tgt Ion:146 Resp: 34163
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.0 63.0
 148 63.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

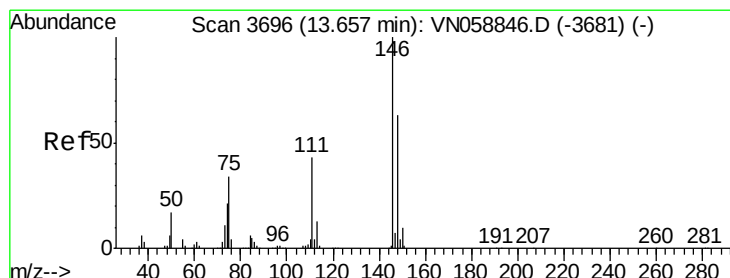
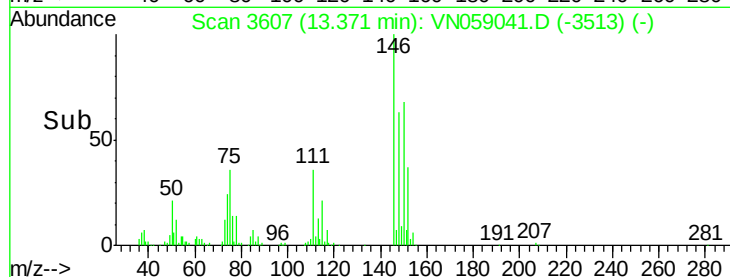
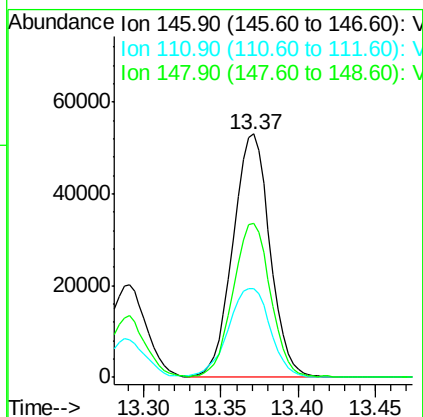
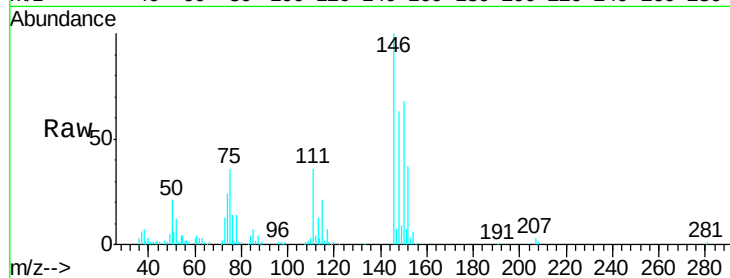




#88
 1,4-Dichlorobenzene
 Concen: 13.099 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN059041.D
 Acq: 31 Oct 2019 15:59

Instrument :
 MSVOA_N
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 SS003EW296-191029DL

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.2	60.6
148	64.5	31.6	94.7



#91
 1,2-Dichlorobenzene
 Concen: 86.980 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN059041.D
 Acq: 31 Oct 2019 15:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.6	64.8
148	64.2	31.9	95.9

