

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059040.D
 Acq On : 31 Oct 2019 15:36
 Operator : JC/SP
 Sample : K5626-10DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003RW114R-191030DL

Quant Time: Nov 01 02:50:02 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

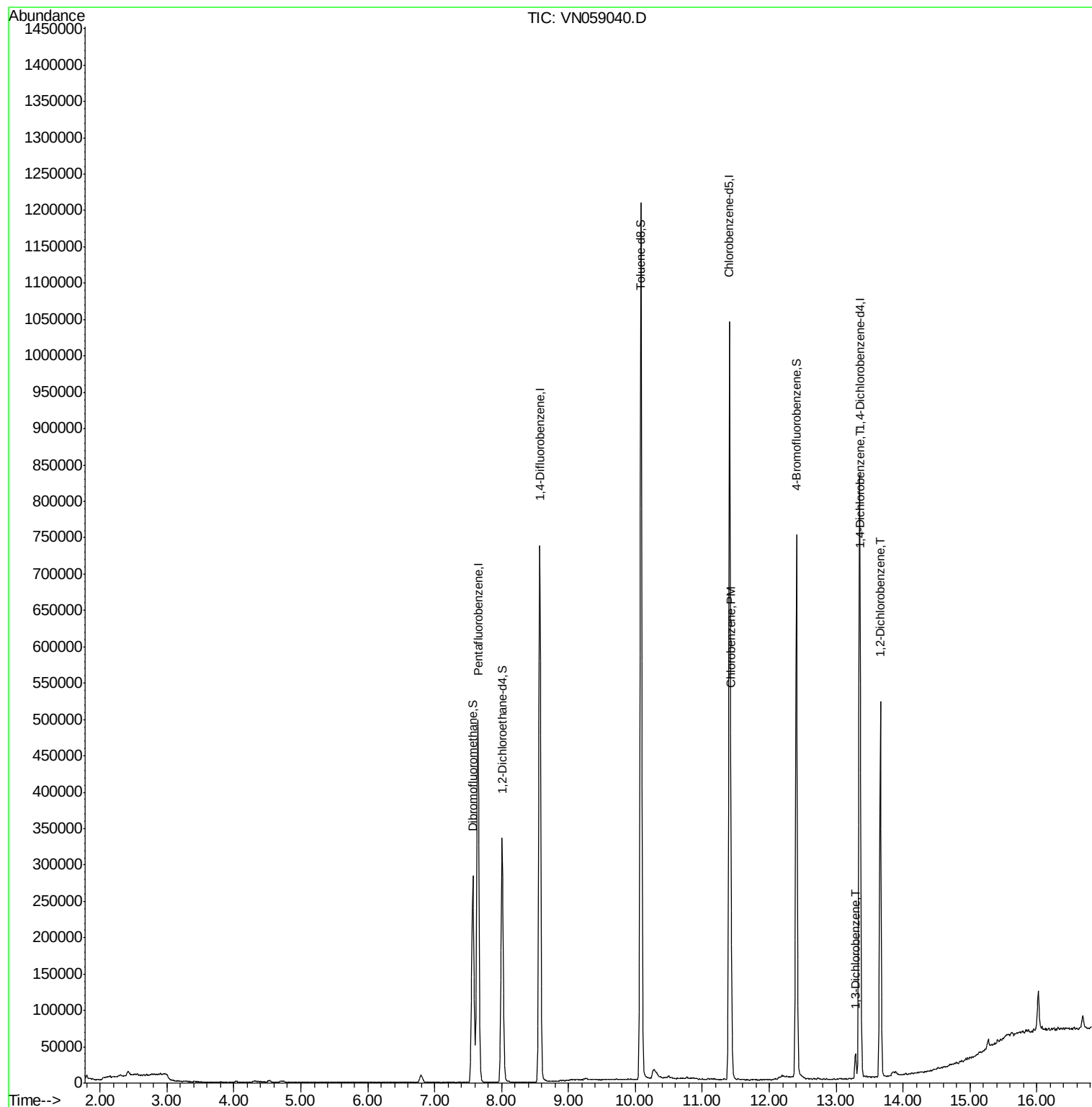
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	402347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	645735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	579007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	212595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	293624	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
35) Dibromofluoromethane	7.57	113	218417	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
50) Toluene-d8	10.08	98	835358	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.41	95	263487	43.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.08%	
Target Compounds						
65) Chlorobenzene	11.43	112	72331	6.136	ug/l	96
87) 1,3-Dichlorobenzene	13.29	146	13978	2.041	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	39465	5.757	ug/l	93
91) 1,2-Dichlorobenzene	13.66	146	209415	31.116	ug/l	100

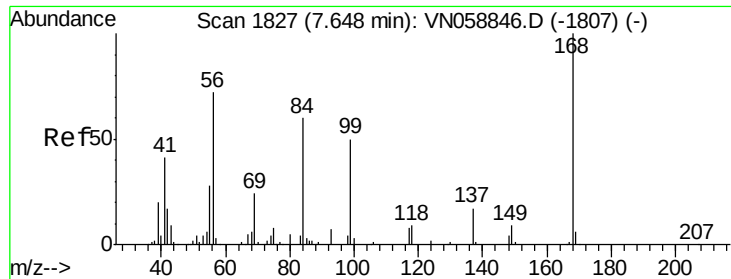
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
Data File : VN059040.D
Acq On : 31 Oct 2019 15:36
Operator : JC/SP
Sample : K5626-10DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS003RW114R-191030DL

Quant Time: Nov 01 02:50:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 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: VN059040.D

Acq: 31 Oct 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

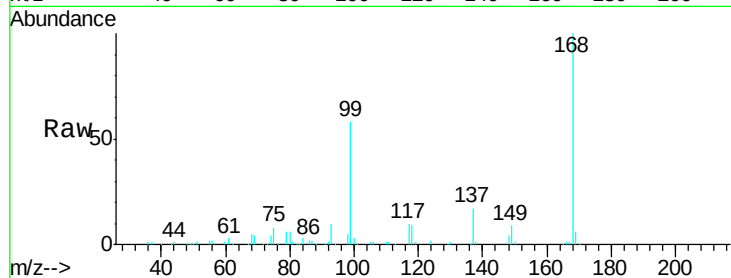
SS003RW114R-191030DL

Tgt Ion:168 Resp: 402347

Ion Ratio Lower Upper

168 100

99 57.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VN058846.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN058846.D (-1807) (-)

7.65

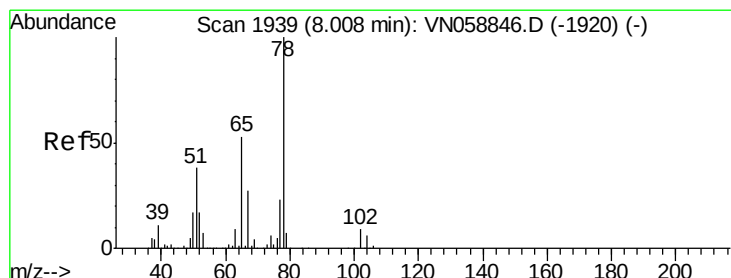
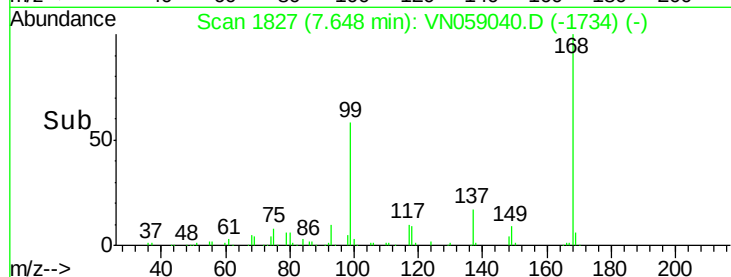
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 49.758 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059040.D

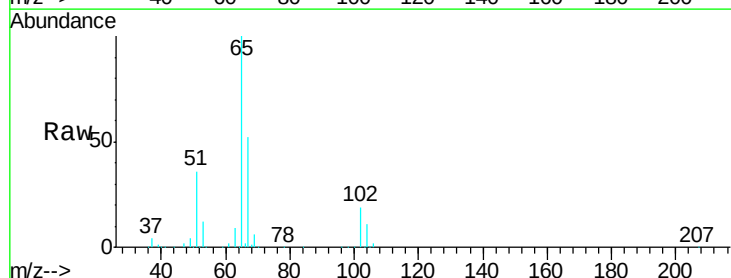
Acq: 31 Oct 2019 15:36

Tgt Ion: 65 Resp: 293624

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VN058846.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN058846.D (-1920) (-)

8.01

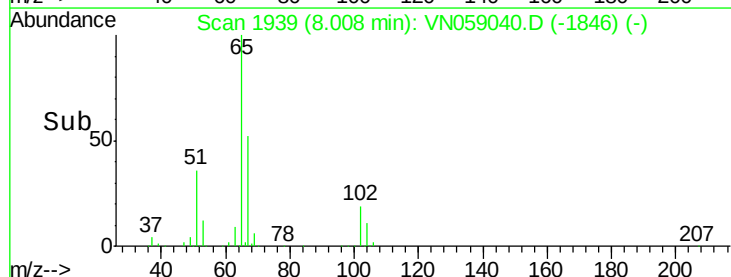
150000

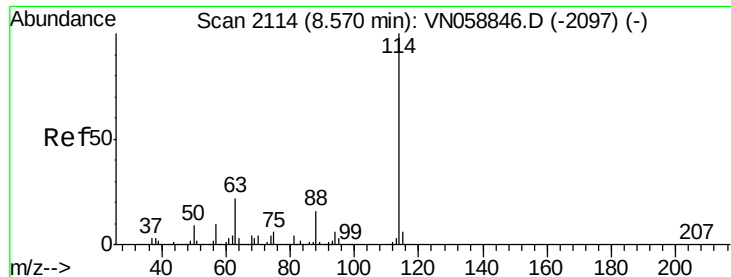
100000

50000

0

Time--> 7.90 8.00 8.10

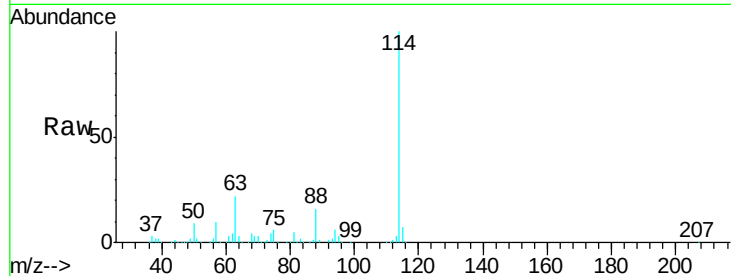




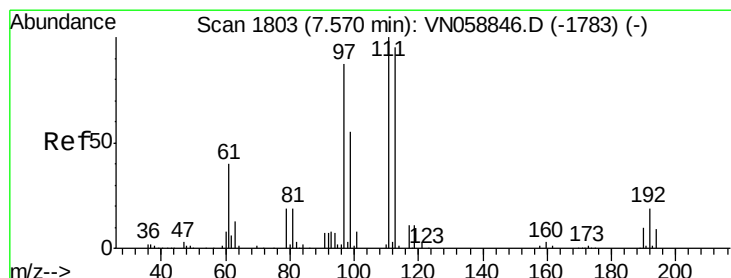
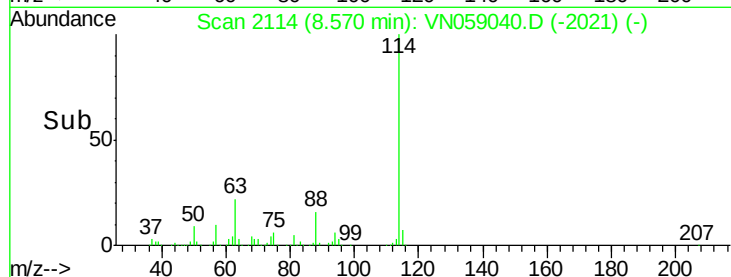
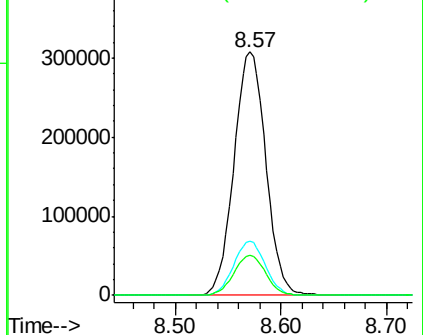
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059040.D
 Acq: 31 Oct 2019 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003RW114R-191030DL

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.4
88	16.4	0.0	31.4

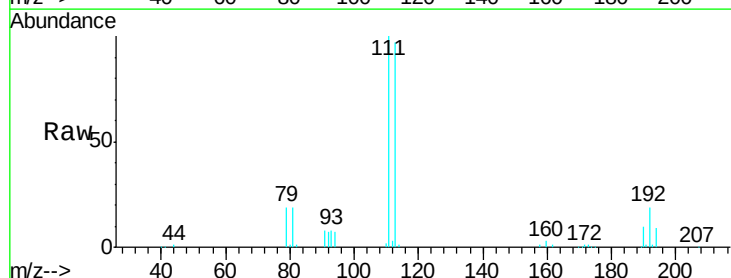


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

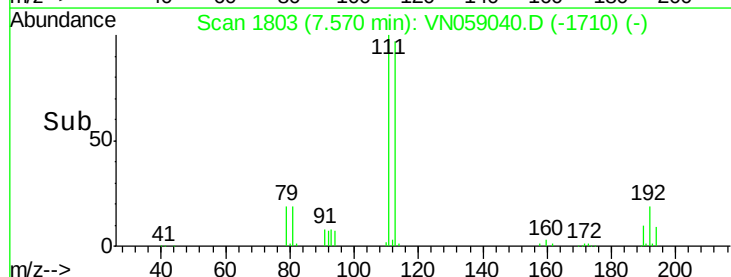
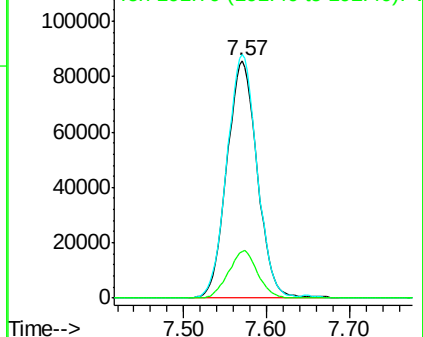


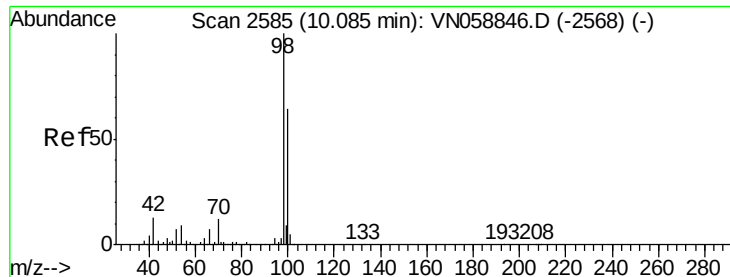
#35
 Dibromofluoromethane
 Concen: 51.446 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059040.D
 Acq: 31 Oct 2019 15:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.0	123.0
192	19.3	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: 50.687 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059040.D

Acq: 31 Oct 2019 15:36

Instrument :

MSVOA_N

ClientSampleId :

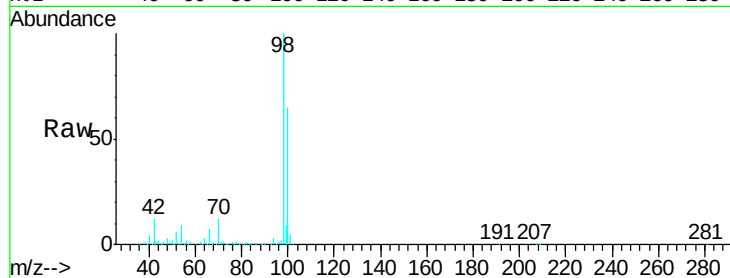
SS003RW114R-191030DL

Tgt Ion: 98 Resp: 835358

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

500000

400000

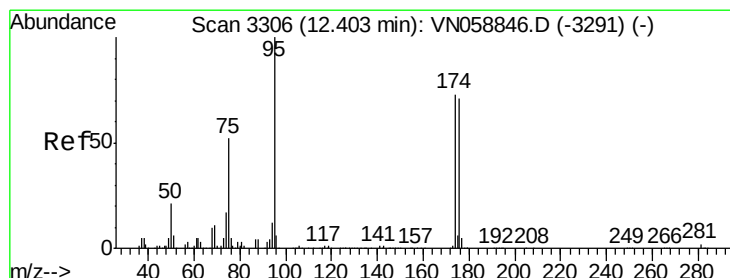
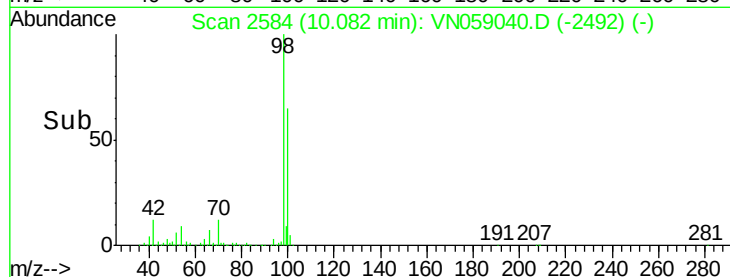
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.536 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN059040.D

Acq: 31 Oct 2019 15:36

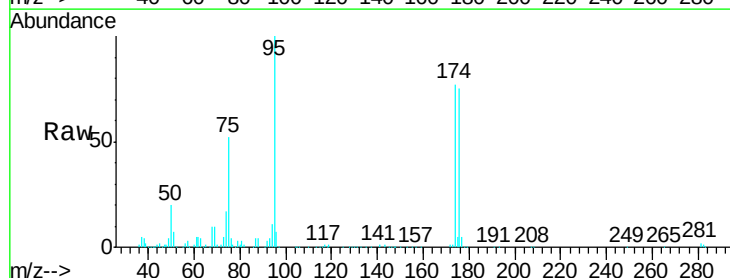
Tgt Ion: 95 Resp: 263487

Ion Ratio Lower Upper

95 100

174 78.5 0.0 147.6

176 74.8 0.0 143.2



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

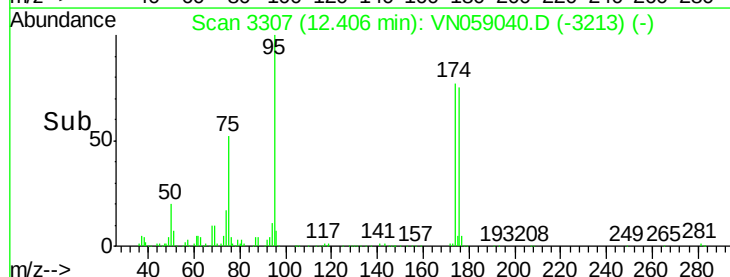
150000

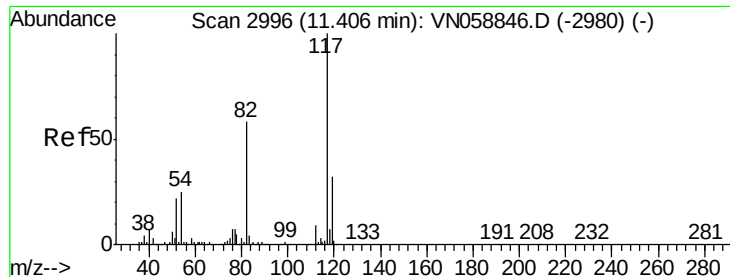
100000

50000

0

Time-->

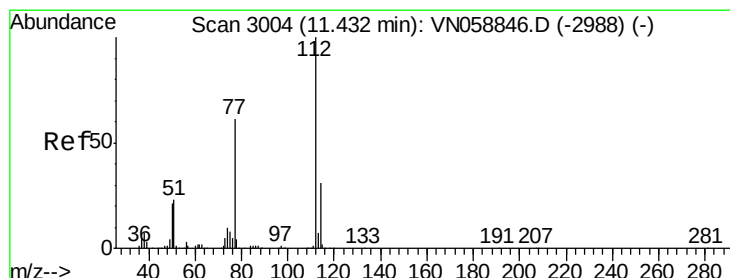
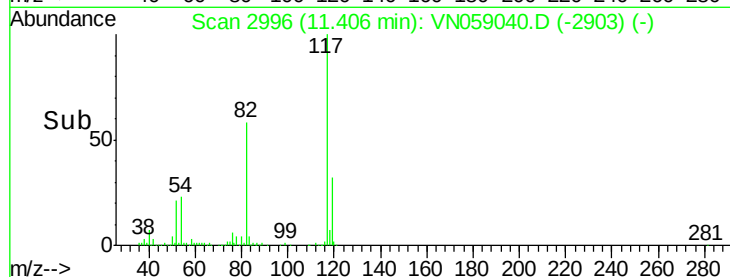
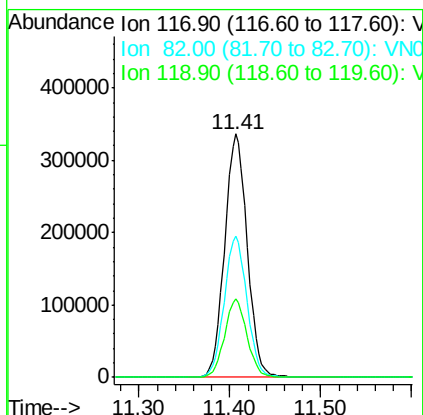
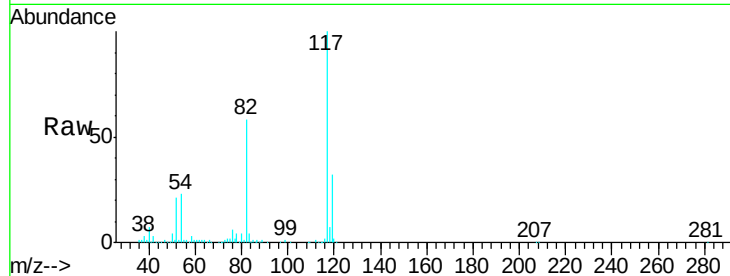




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059040.D
Acq: 31 Oct 2019 15:36

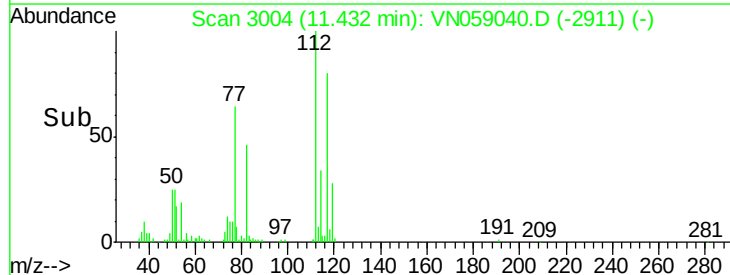
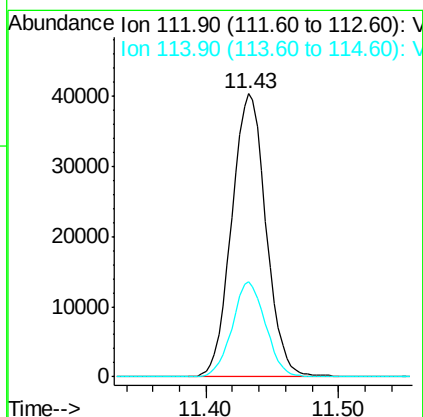
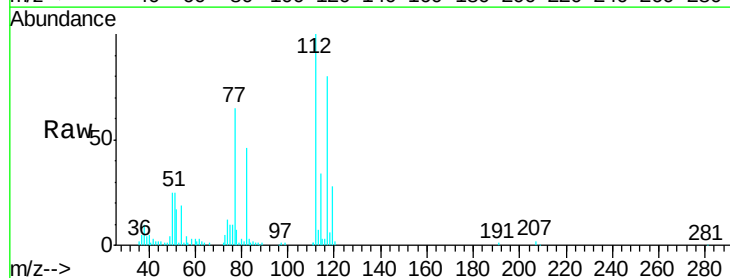
Instrument :
MSVOA_N
ClientSampleId :
SS003RW114R-191030DL

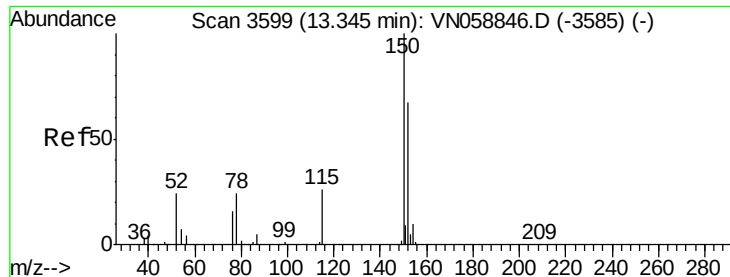
Tgt Ion:117 Resp: 579007
Ion Ratio Lower Upper
117 100
82 58.1 46.6 69.8
119 32.2 25.6 38.4



#65
Chlorobenzene
Concen: 6.136 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN059040.D
Acq: 31 Oct 2019 15:36

Tgt Ion:112 Resp: 72331
Ion Ratio Lower Upper
112 100
114 33.7 25.1 37.7

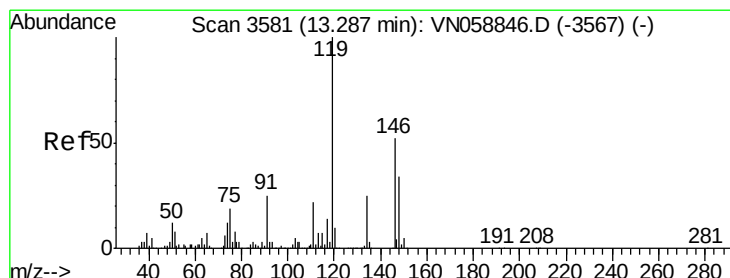
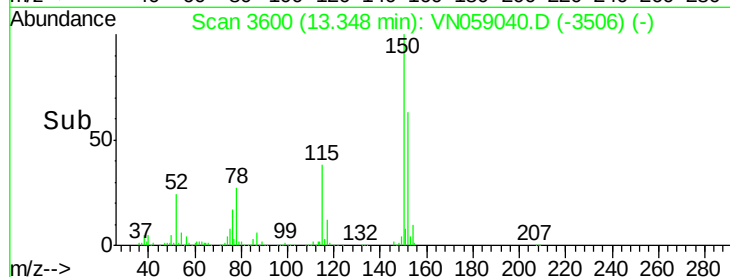
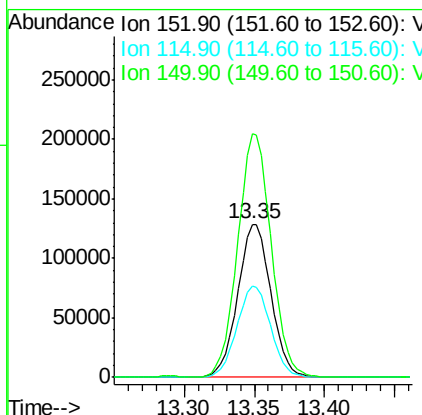
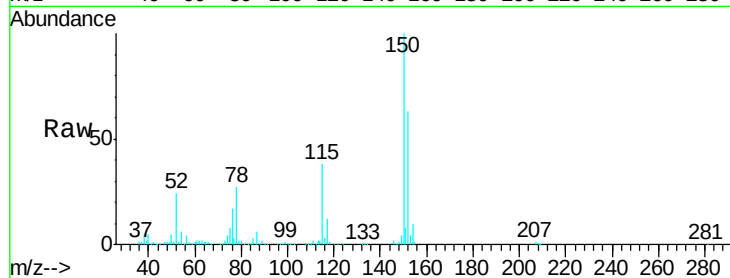




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN059040.D
 Acq: 31 Oct 2019 15:36

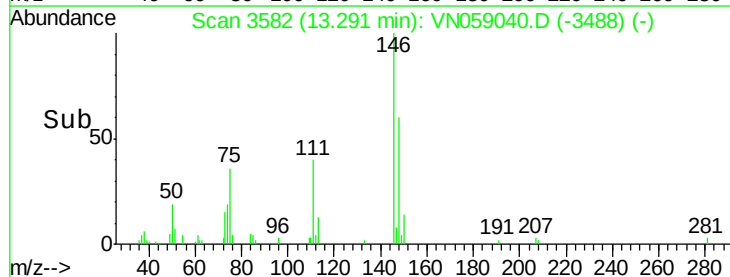
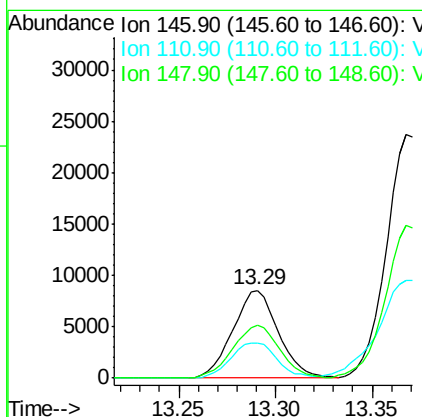
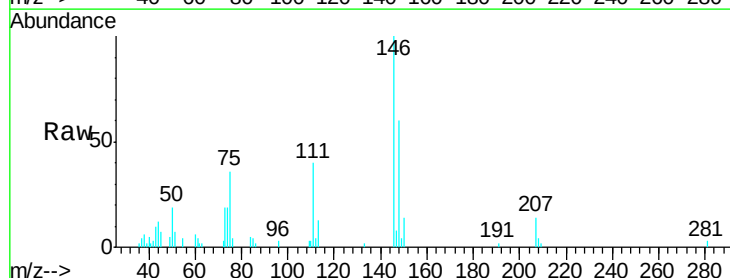
Instrument :
 MSVOA_N
 ClientSampleId :
 SS003RW114R-191030DL

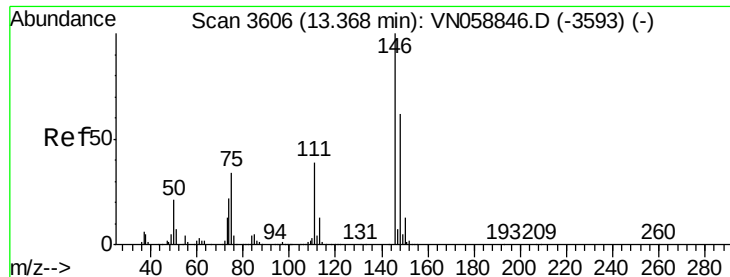
Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.5	91.5
150	159.8	0.0	344.4



#87
 1,3-Dichlorobenzene
 Concen: 2.041 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN059040.D
 Acq: 31 Oct 2019 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.0	63.0
148	61.6	32.1	96.3

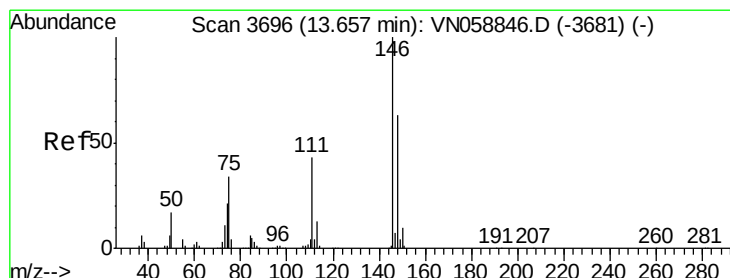
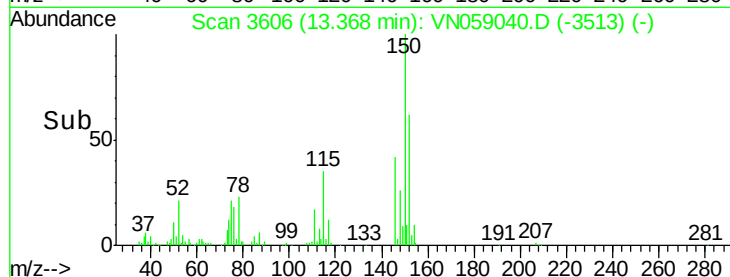
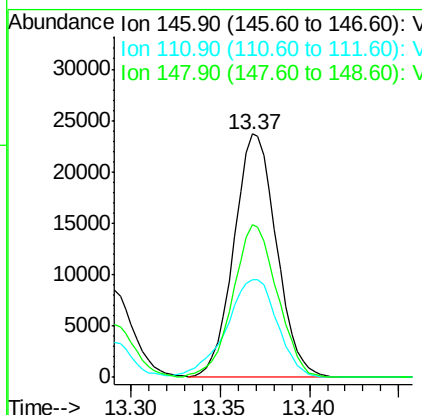
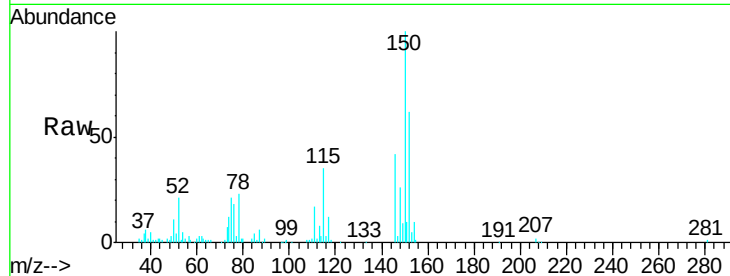




#88
 1,4-Dichlorobenzene
 Concen: 5.757 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN059040.D
 Acq: 31 Oct 2019 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003RW114R-191030DL

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.4	20.2	60.6
148	65.4	31.6	94.7



#91
 1,2-Dichlorobenzene
 Concen: 31.116 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN059040.D
 Acq: 31 Oct 2019 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.6	64.8
148	63.9	31.9	95.9

