

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059402.D
 Acq On : 26 Nov 2019 13:40
 Operator : JC/SP
 Sample : K5900-08DL2 250X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30698DL2

Quant Time: Nov 26 14:31:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

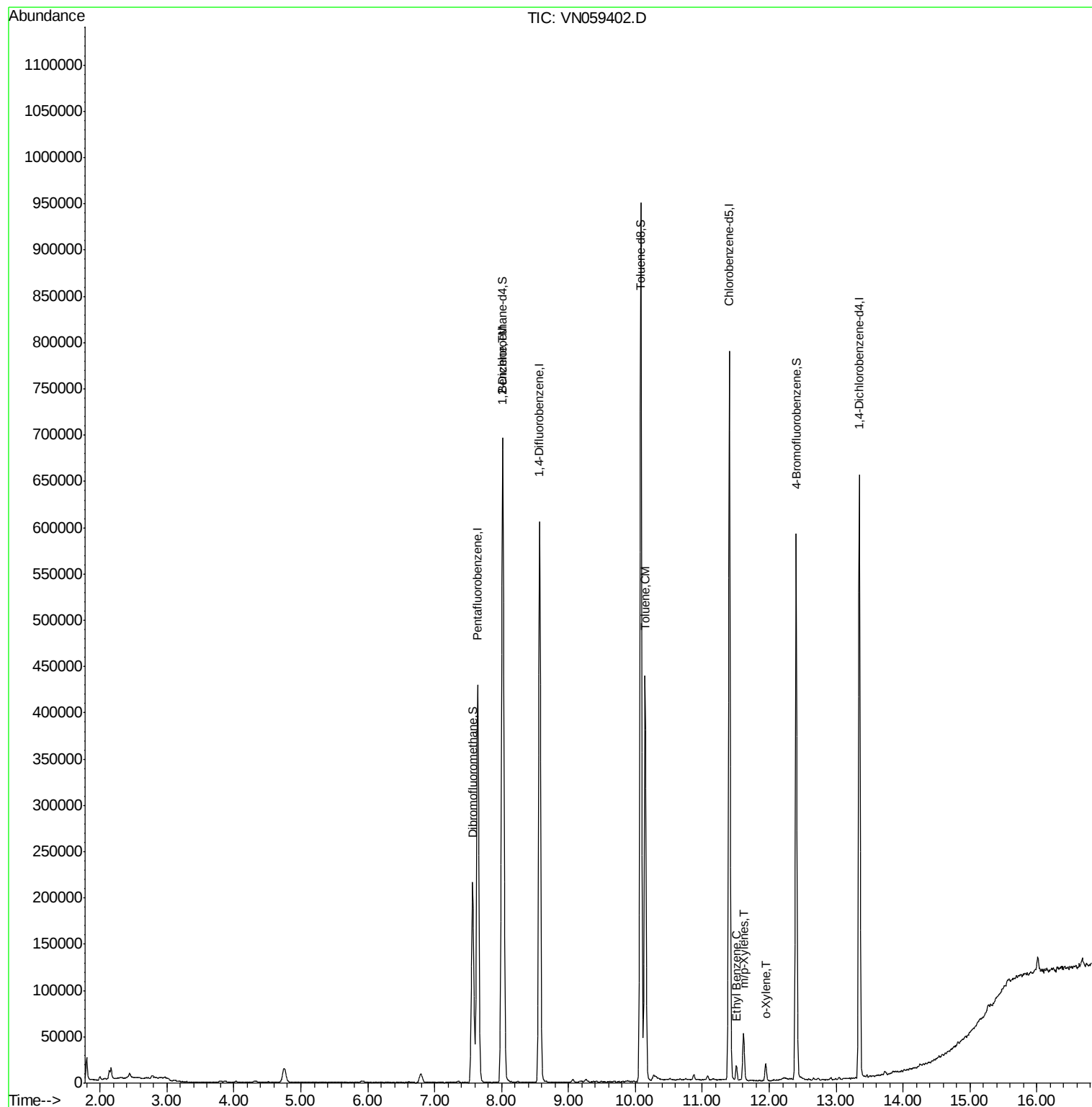
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	365485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	563043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	484076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	181049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	203718	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
35) Dibromofluoromethane	7.57	113	168794	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	10.08	98	675573	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.40	95	214472	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
Target Compounds						
40) Benzene	8.02	78	589374	34.548	ug/l	100
52) Toluene	10.15	92	197242	19.228	ug/l	99
67) Ethyl Benzene	11.51	91	11427	0.615	ug/l	100
68) m/p-Xylenes	11.62	106	16682	2.416	ug/l	99
69) o-Xylene	11.95	106	5395	0.816	ug/l	96

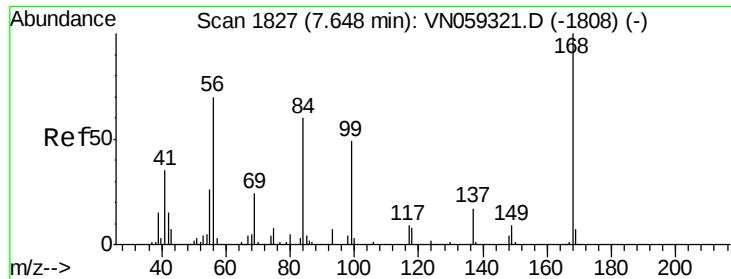
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059402.D

Acq: 26 Nov 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

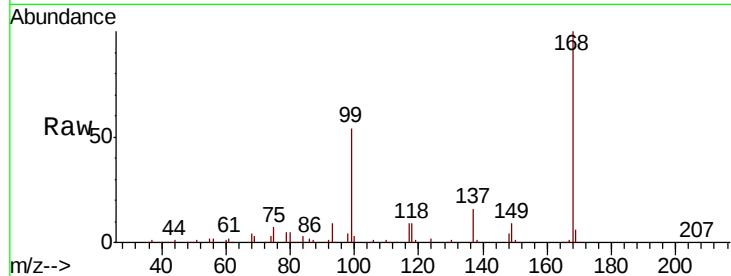
30698DL2

Tot Ion:168 Resp: 365485

Ion Ratio Lower Upper

168 100

99 54.2 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059321.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN059321.D (-1808) (-)

7.64

150000

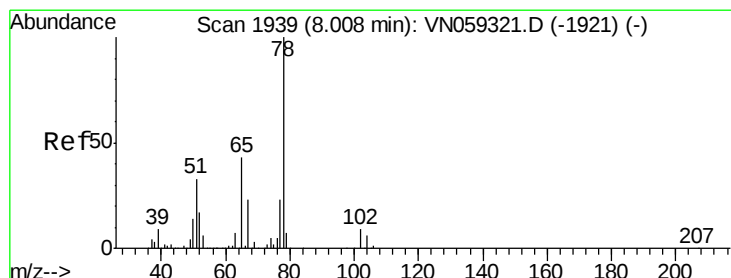
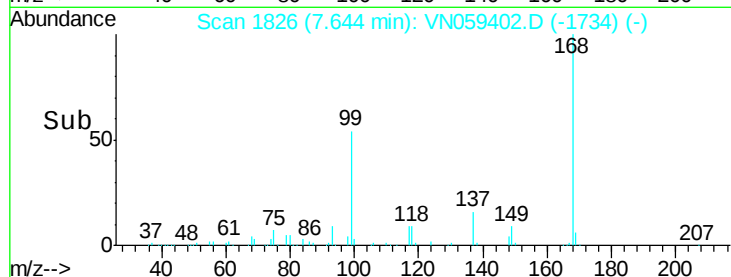
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.456 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059402.D

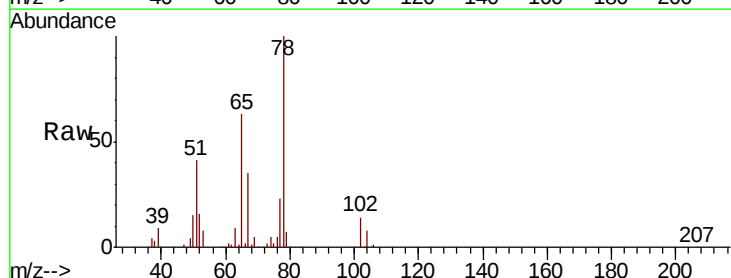
Acq: 26 Nov 2019 13:40

Tgt Ion: 65 Resp: 203718

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VN059321.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN059321.D (-1921) (-)

8.00

100000

80000

60000

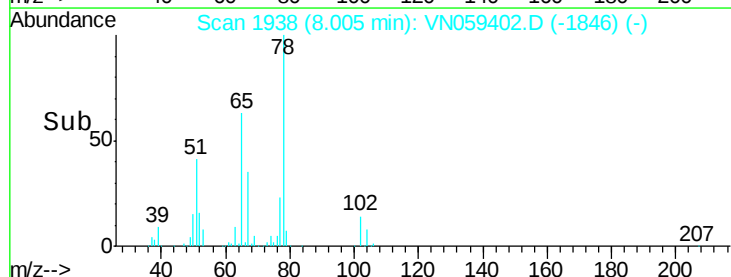
40000

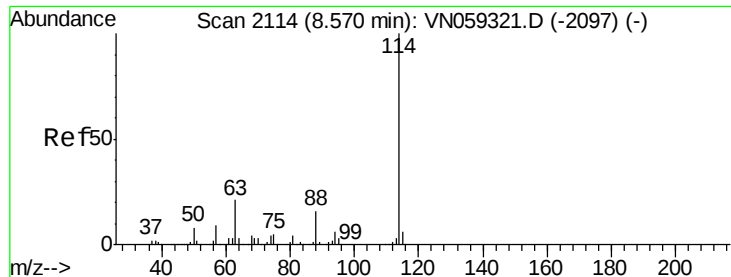
20000

0

7.90 8.00 8.10

Time-->

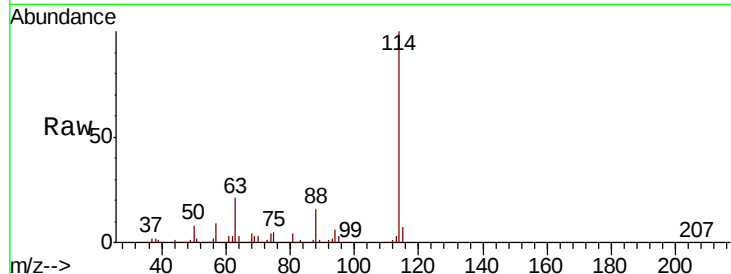




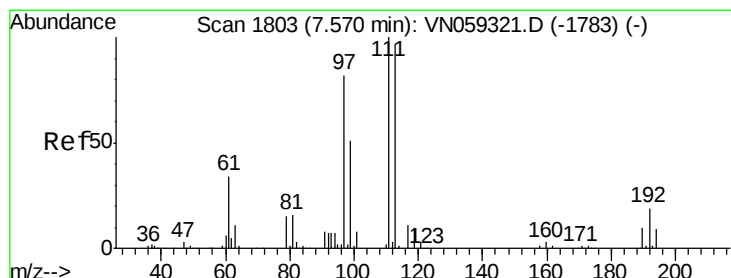
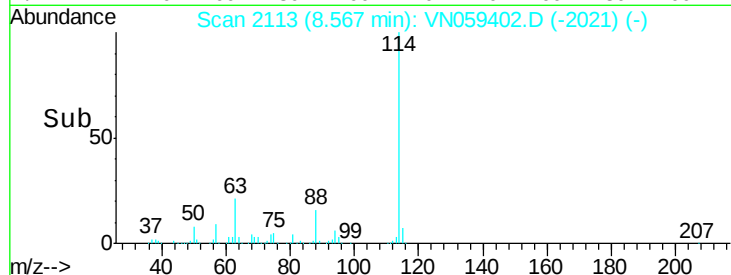
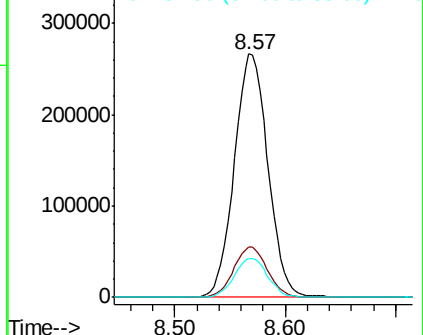
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059402.D
Acq: 26 Nov 2019 13:40

Instrument :
MSVOA_N
ClientSampleId :
30698DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.2
88	16.0	0.0	32.2

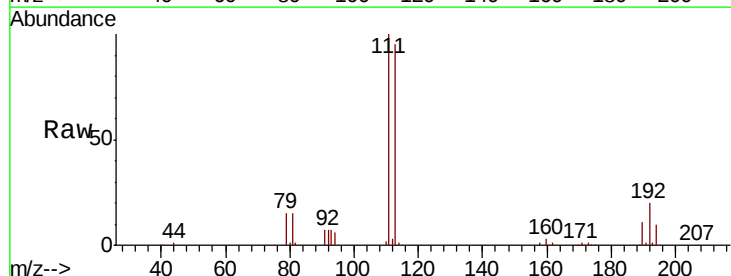


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

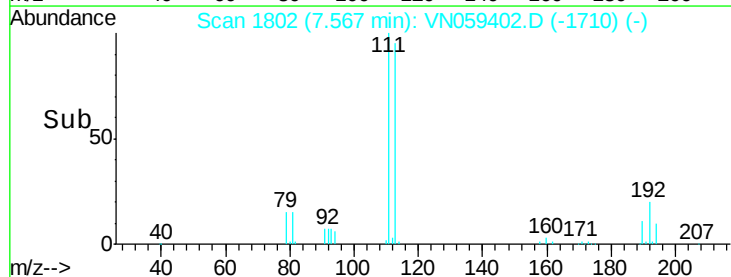
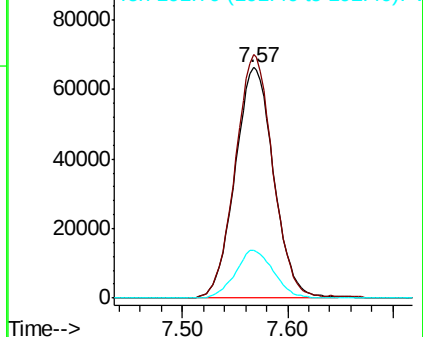


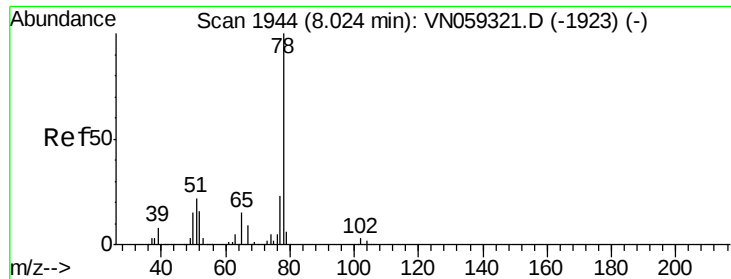
#35
Dibromofluoromethane
Concen: 49.970 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059402.D
Acq: 26 Nov 2019 13:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	20.4	16.3	24.5



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





#40

Benzene

Concen: 34.548 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN059402.D

Acq: 26 Nov 2019 13:40

Instrument :

MSVOA_N

ClientSampled :

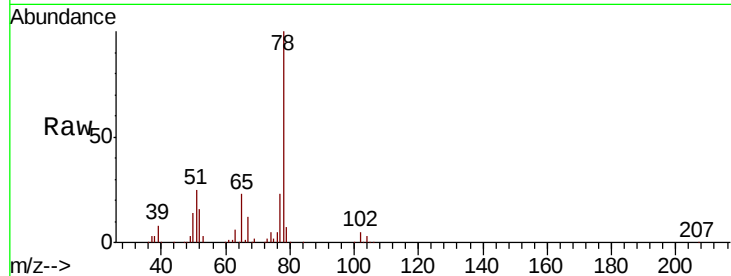
30698DL2

Tot Ion: 78 Resp: 589374

Ion Ratio Lower Upper

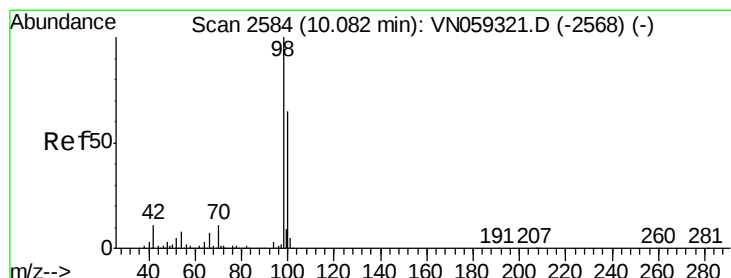
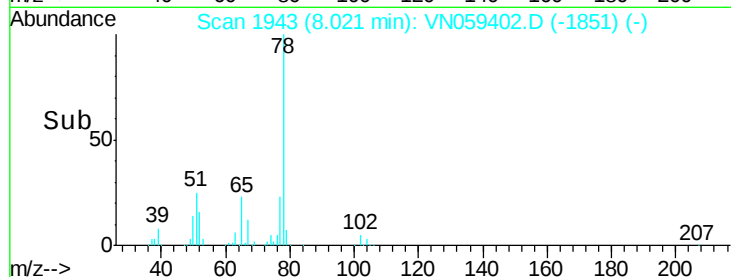
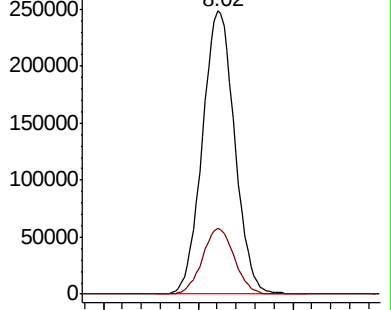
78 100

77 23.1 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#50

Toluene-d8

Concen: 50.308 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059402.D

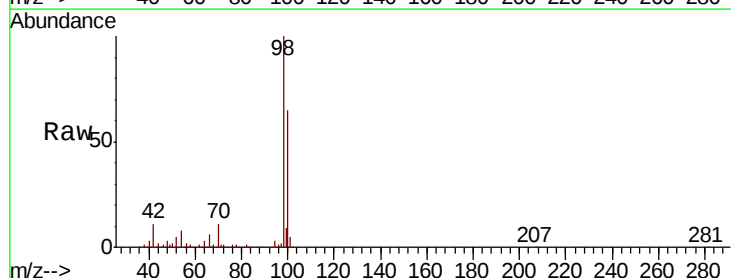
Acq: 26 Nov 2019 13:40

Tgt Ion: 98 Resp: 675573

Ion Ratio Lower Upper

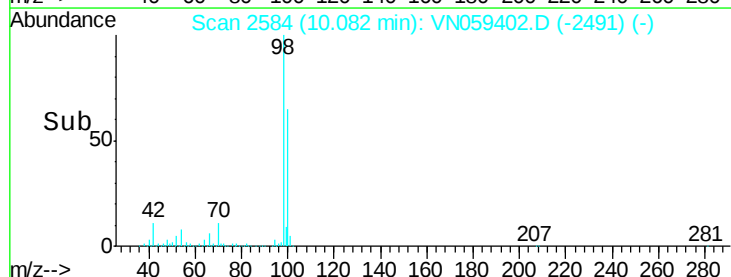
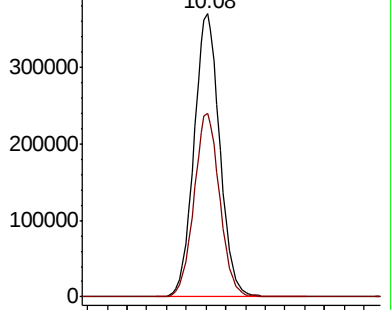
98 100

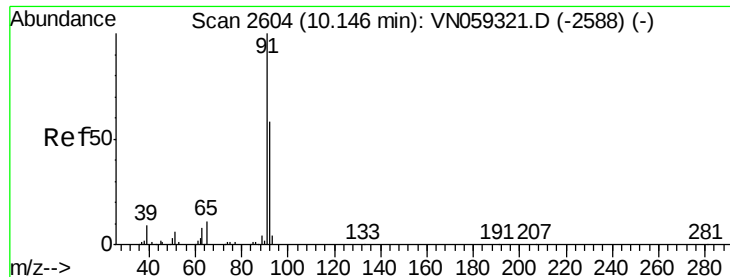
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 19.228 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059402.D

Acq: 26 Nov 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

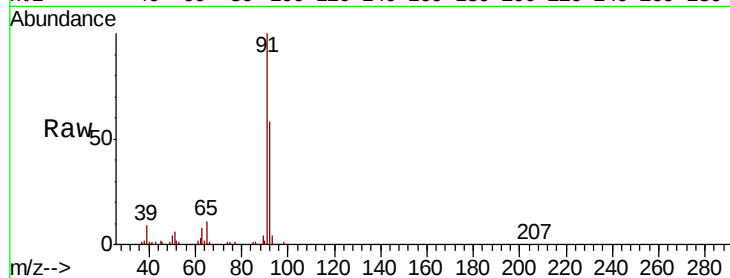
30698DL2

Tot Ion: 92 Resp: 197242

Ion Ratio Lower Upper

92 100

91 173.2 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

200000

150000

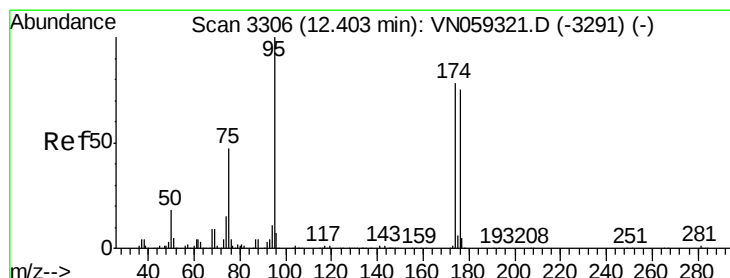
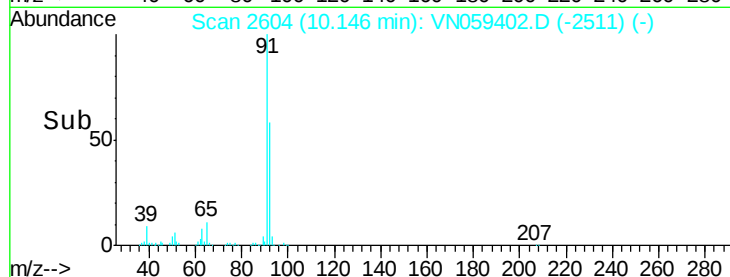
100000

50000

0

10.10 10.15 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 45.677 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059402.D

Acq: 26 Nov 2019 13:40

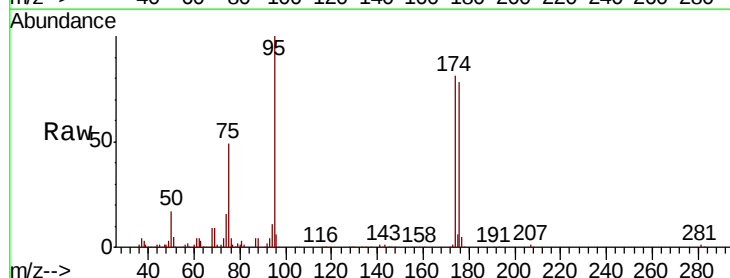
Tgt Ion: 95 Resp: 214472

Ion Ratio Lower Upper

95 100

174 80.6 0.0 157.4

176 77.4 0.0 151.2



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

150000

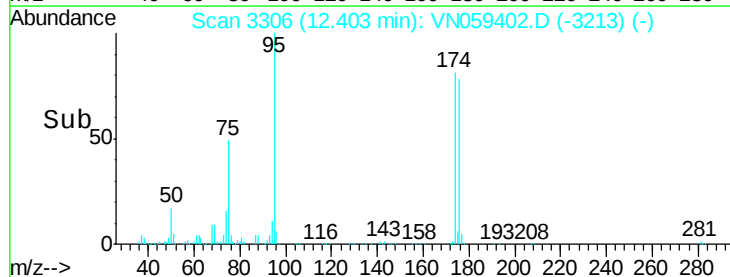
100000

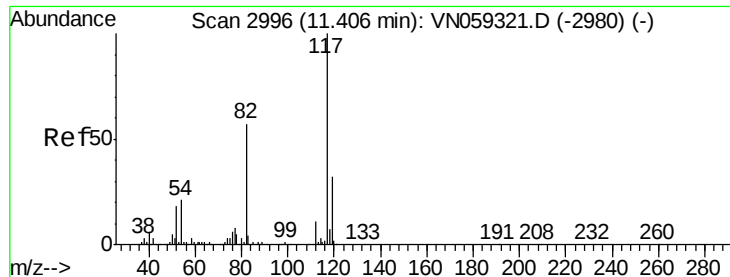
50000

0

12.30 12.40 12.50

Time-->

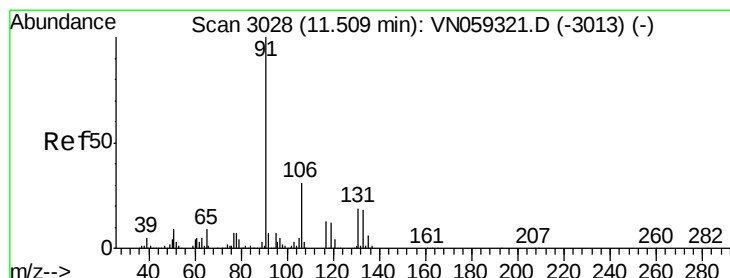
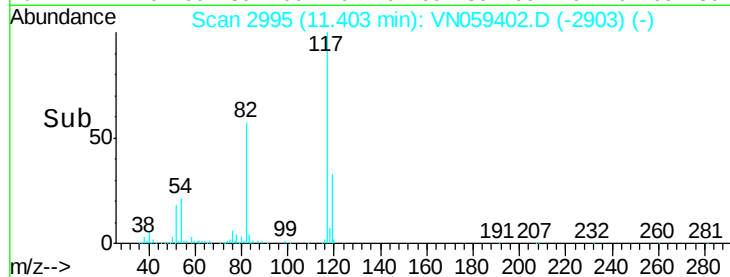
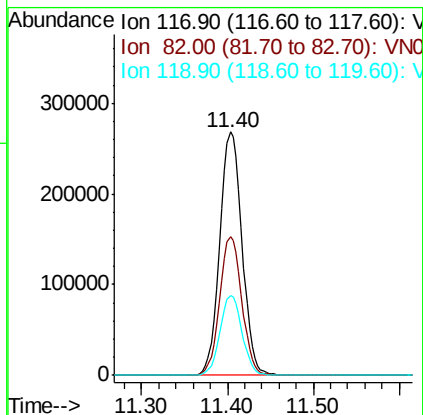
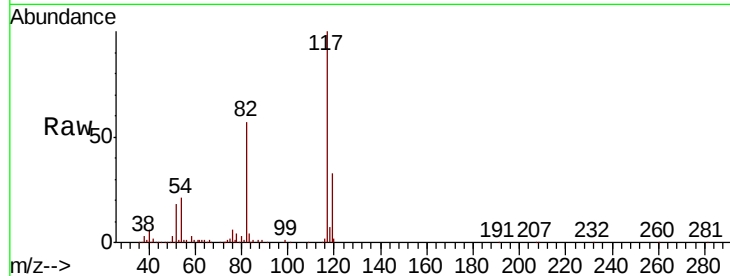




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059402.D
Acq: 26 Nov 2019 13:40

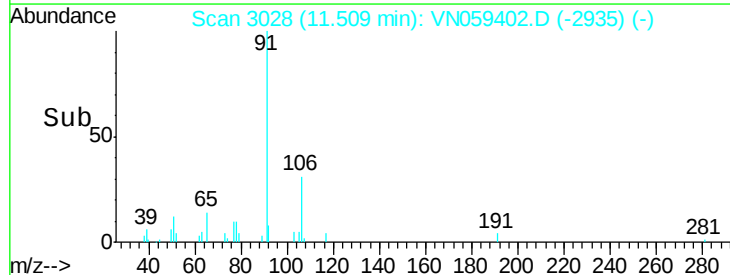
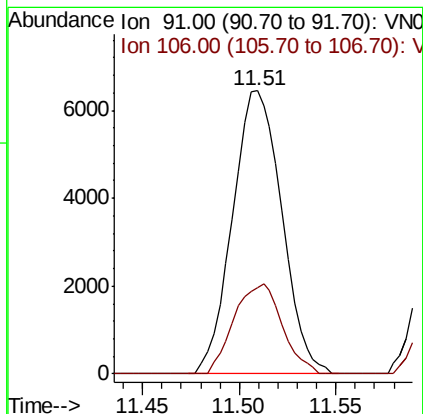
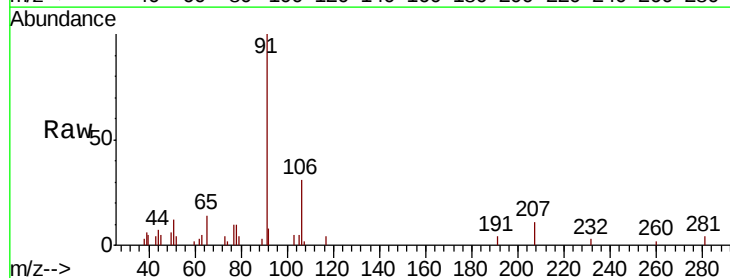
Instrument :
MSVOA_N
ClientSampled :
30698DL2

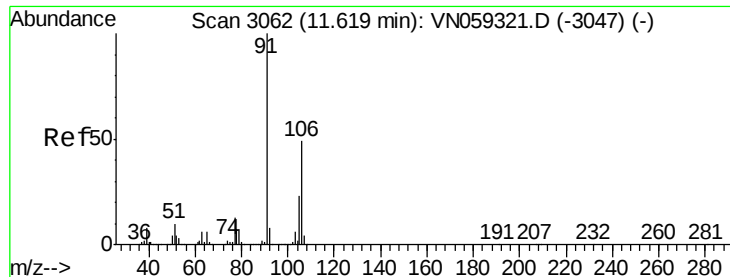
Tot Ion:117 Resp: 484076
Ion Ratio Lower Upper
117 100
82 57.0 45.7 68.5
119 32.9 25.8 38.6



#67
Ethyl Benzene
Concen: 0.615 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059402.D
Acq: 26 Nov 2019 13:40

Tgt Ion: 91 Resp: 11427
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0

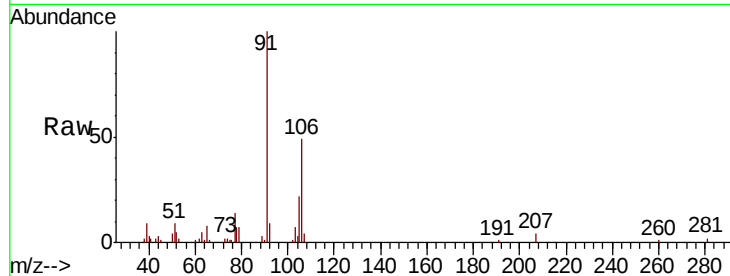




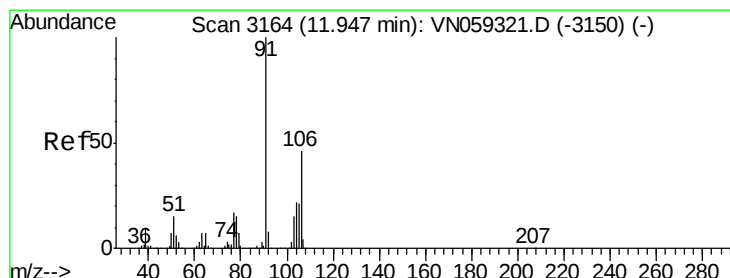
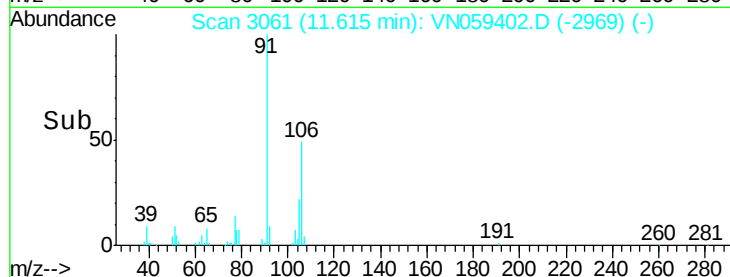
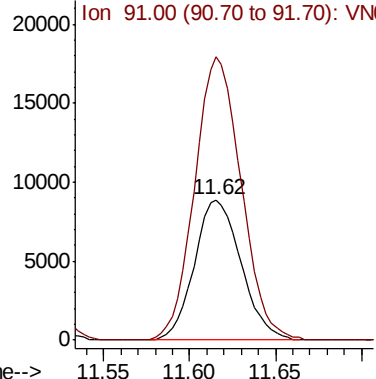
#68
m/p-Xylenes
Concen: 2.416 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059402.D
Acq: 26 Nov 2019 13:40

Instrument :
MSVOA_N
ClientSampleId :
30698DL2

Tot Ion:106 Resp: 16682
Ion Ratio Lower Upper
106 100
91 202.0 163.2 244.8

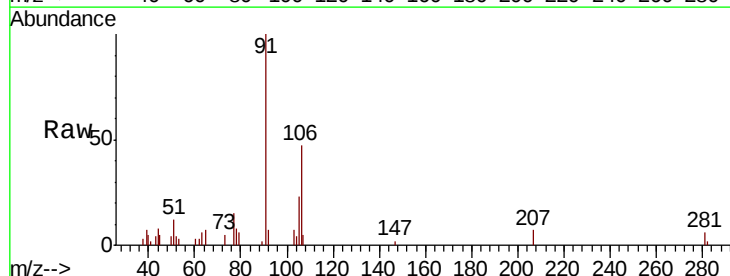


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

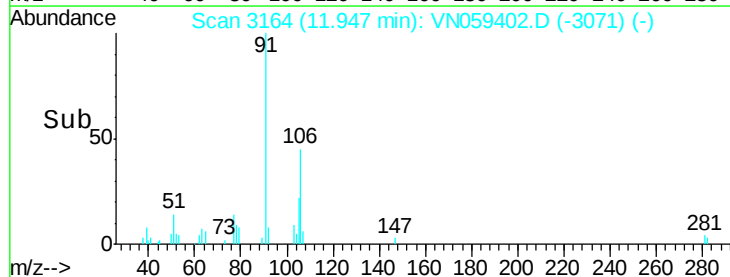
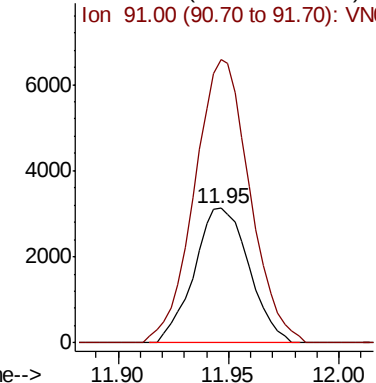


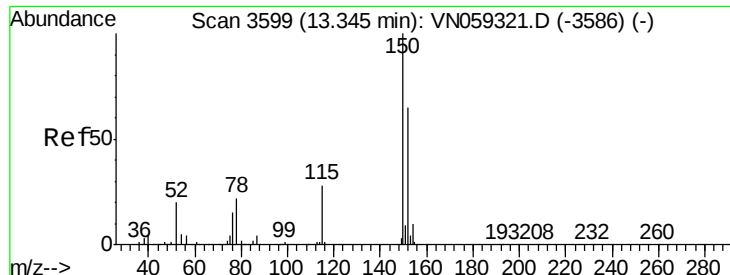
#69
o-Xylene
Concen: 0.816 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059402.D
Acq: 26 Nov 2019 13:40

Tgt Ion:106 Resp: 5395
Ion Ratio Lower Upper
106 100
91 211.9 109.3 327.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059402.D

Acq: 26 Nov 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

30698DL2

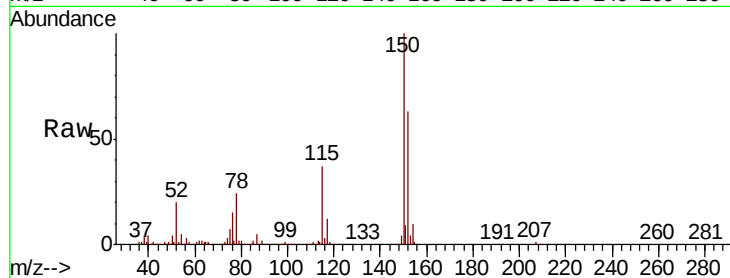
Tot Ion:152 Resp: 181049

Ion Ratio Lower Upper

152 100

115 58.7 29.3 88.0

150 157.9 0.0 346.0



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

