

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053772.D
 Acq On : 14 Feb 2019 12:01
 Operator : JC/SP
 Sample : K1349-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-021319-A

Quant Time: Feb 15 04:19:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

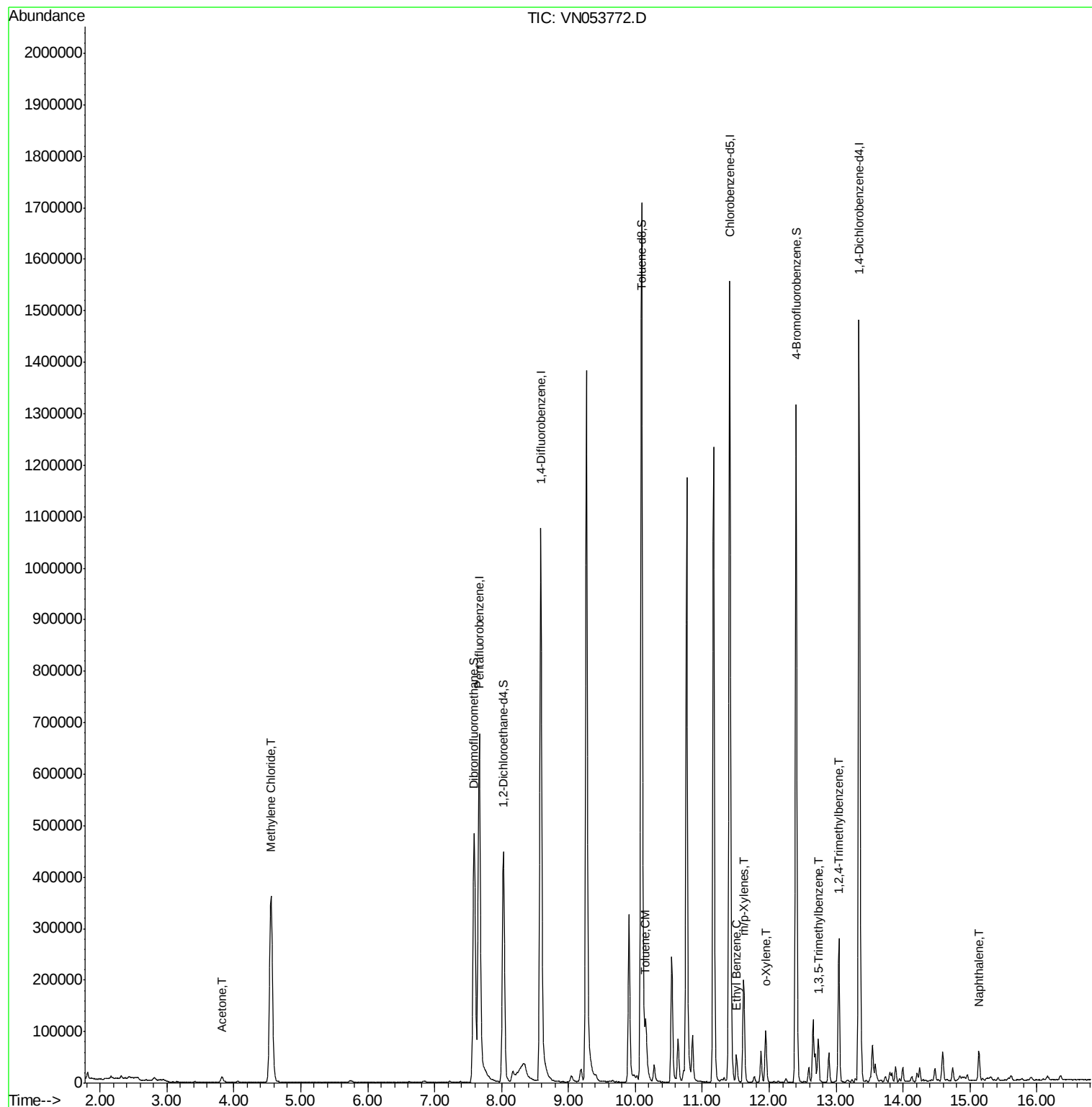
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	677494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1121310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1057684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	439230	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	384208	56.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.06%	
35) Dibromofluoromethane	7.59	113	381710	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
50) Toluene-d8	10.09	98	1382306	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	462149	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
Target Compounds						
16) Acetone	3.82	43	18906	10.845	ug/l	98
20) Methylene Chloride	4.55	84	291565	39.864	ug/l	97
52) Toluene	10.16	92	35909	1.941	ug/l	98
67) Ethyl Benzene	11.51	91	40697	1.103	ug/l	97
68) m/p-Xylenes	11.62	106	66687	4.734	ug/l	96
69) o-Xylene	11.95	106	29341	2.156	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	46597	1.820	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	164373	6.301	ug/l	100
95) Naphthalene	15.13	128	52451	4.360	ug/l	99

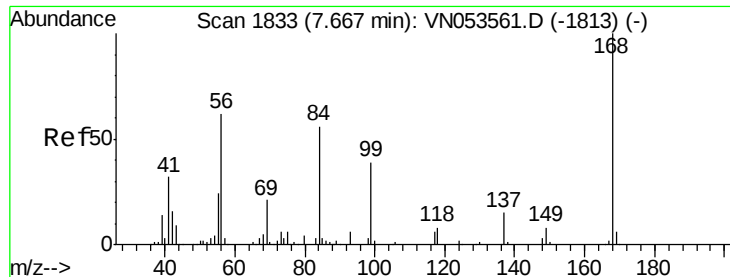
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021419\
Data File : VN053772.D
Acq On : 14 Feb 2019 12:01
Operator : JC/SP
Sample : K1349-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OR-01-021319-A

Quant Time: Feb 15 04:19:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

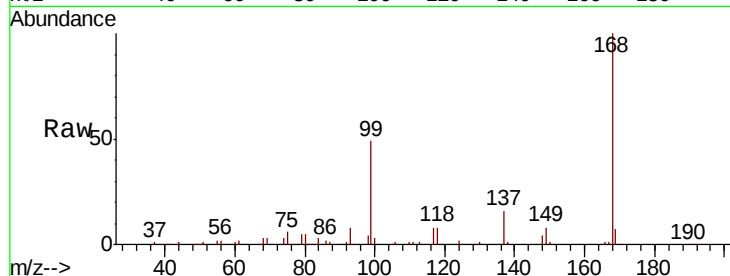
OR-01-021319-A

Tot Ion:168 Resp: 677494

Ion Ratio Lower Upper

168 100

99 48.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

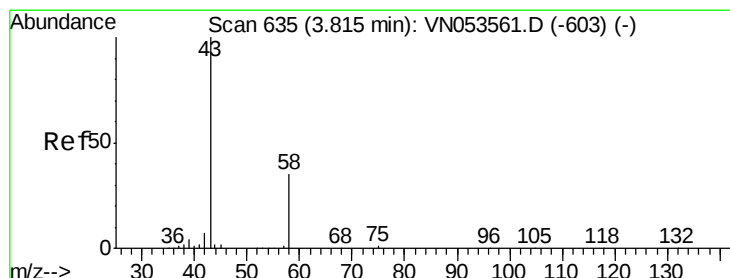
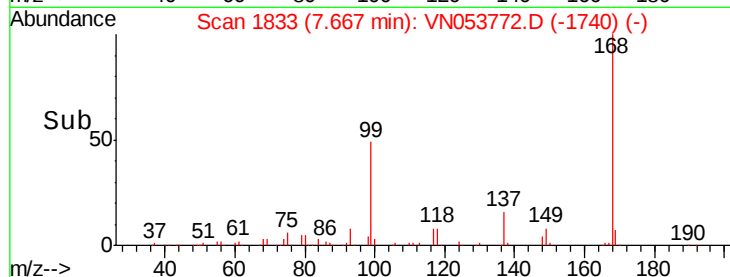
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.845 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053772.D

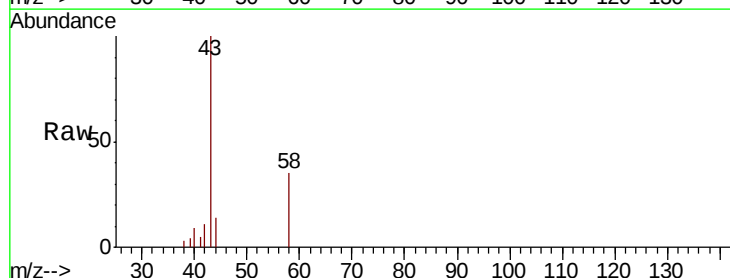
Acq: 14 Feb 2019 12:01

Tgt Ion: 43 Resp: 18906

Ion Ratio Lower Upper

43 100

58 35.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

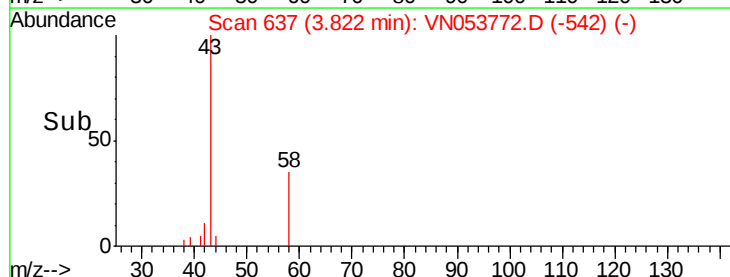
6000

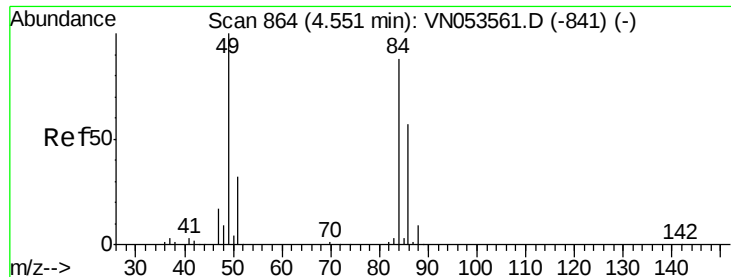
4000

2000

0

Time-->

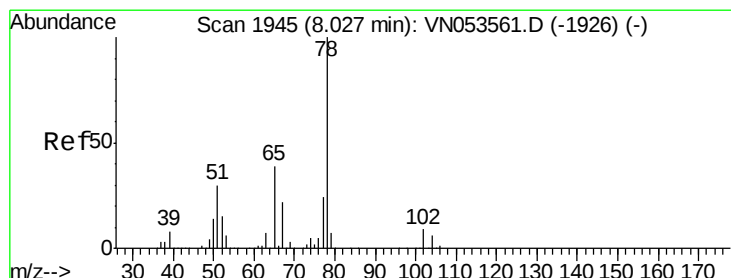
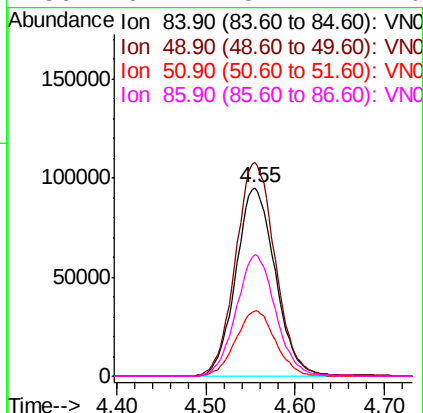
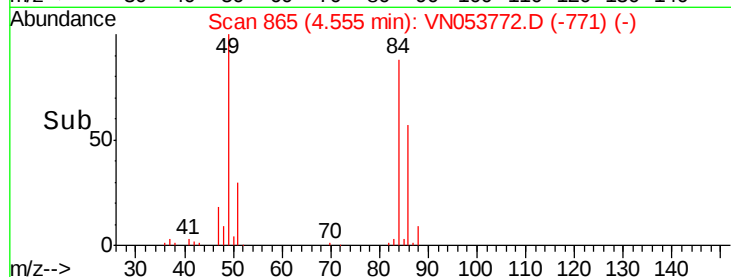
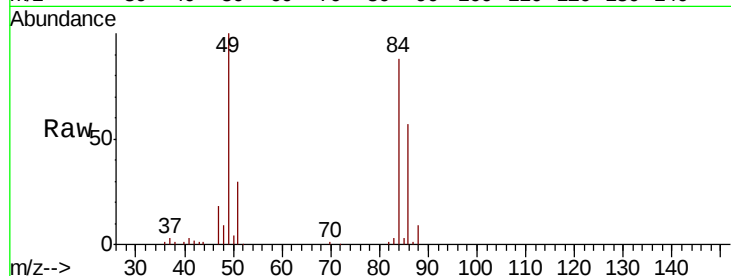




#20
Methvlene Chloride
Concen: 39.864 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

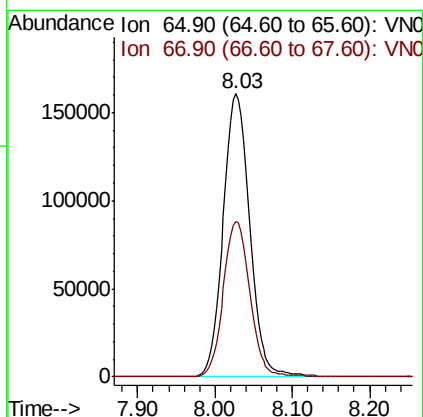
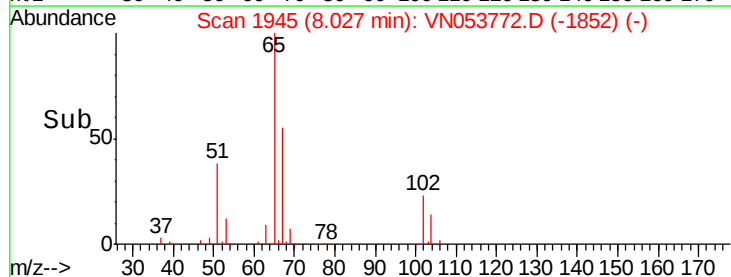
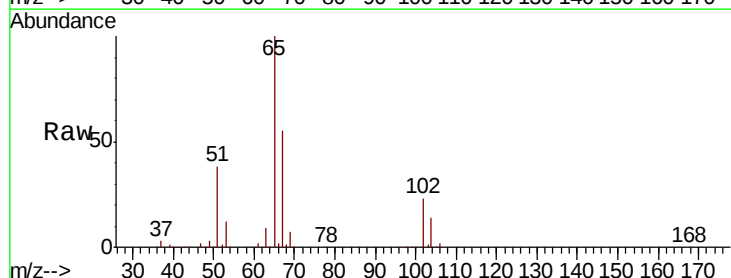
Instrument :
MSVOA_N
ClientSampleId :
OR-01-021319-A

Tot Ion: 84 Resp: 291565
Ion Ratio Lower Upper
84 100
49 113.3 94.3 141.5
51 34.6 29.4 44.2
86 64.4 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 56.530 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

Tgt Ion: 65 Resp: 384208
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.2

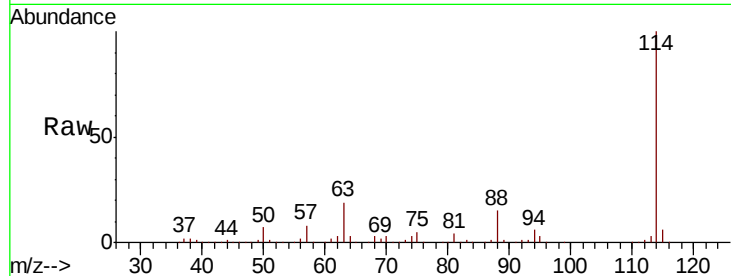




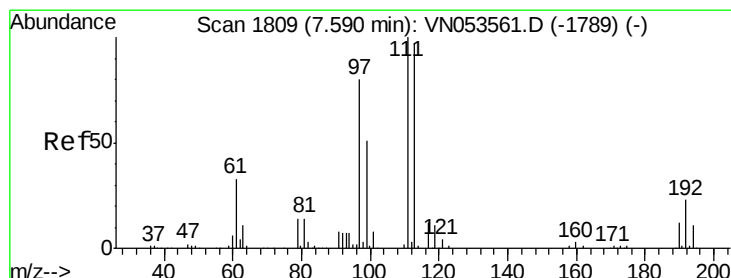
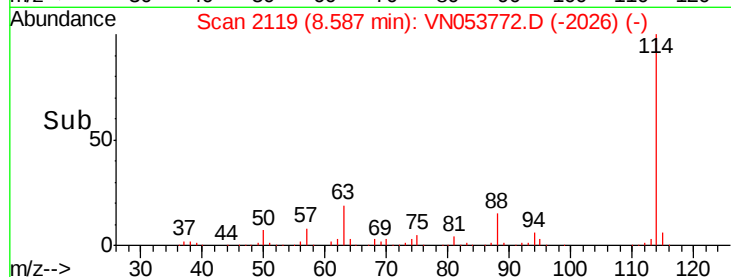
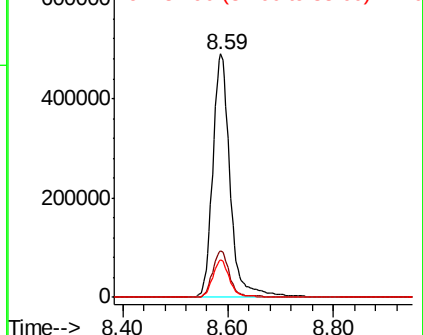
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

Instrument :
MSVOA_N
ClientSampleId :
OR-01-021319-A

Tot Ion:114 Resp: 1121310
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.6
88 15.2 0.0 30.4

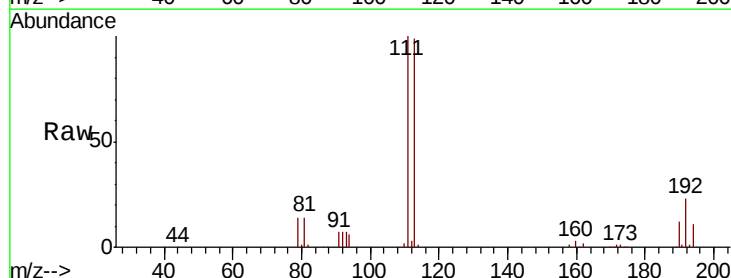


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

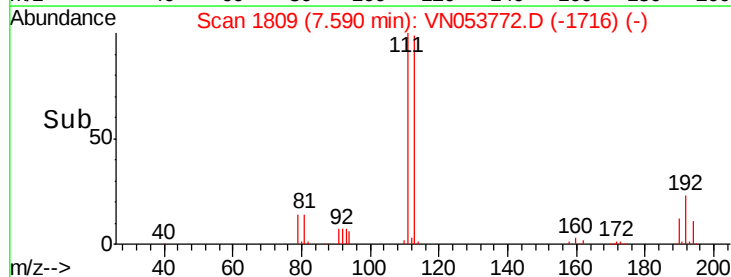
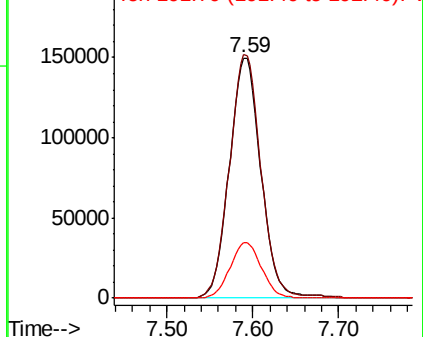


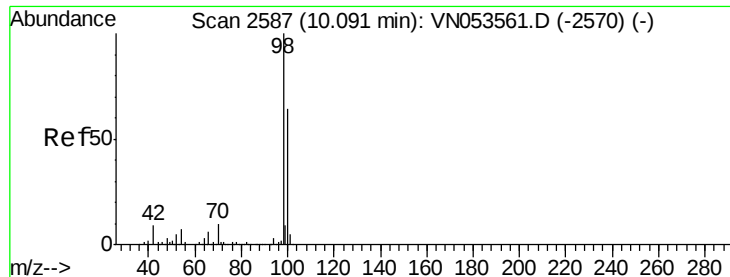
#35
Dibromofluoromethane
Concen: 53.874 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

Tgt Ion:113 Resp: 381710
Ion Ratio Lower Upper
113 100
111 101.6 81.1 121.7
192 23.2 18.2 27.2



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: 51.959 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

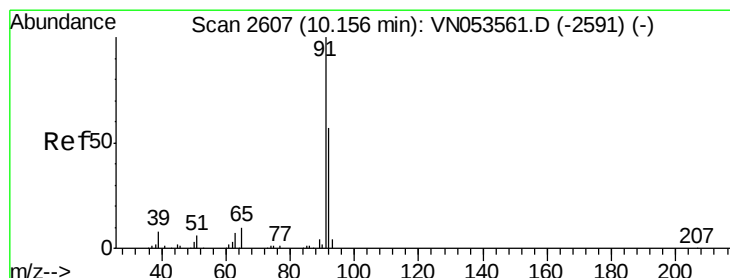
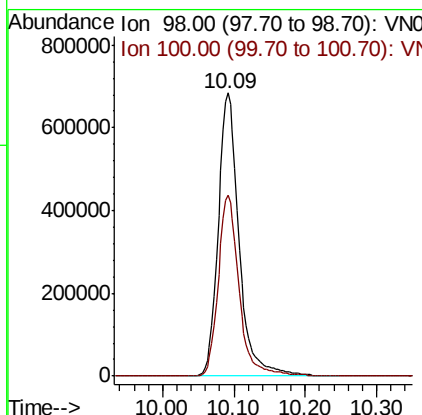
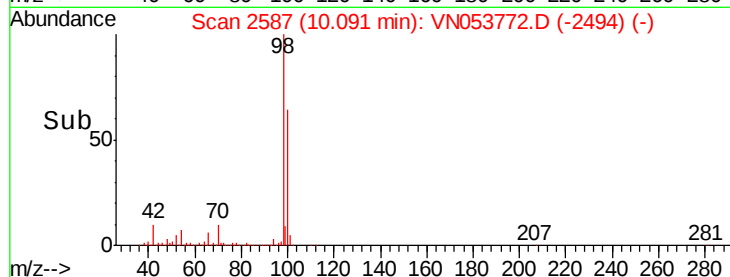
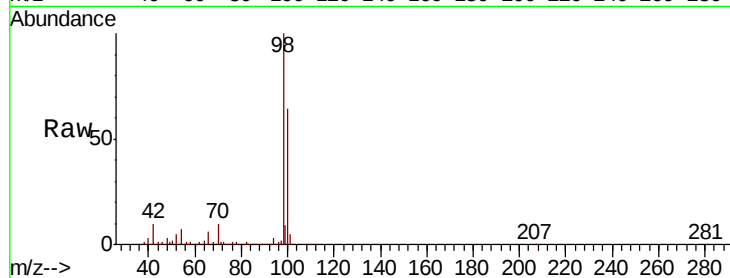
OR-01-021319-A

Tot Ion: 98 Resp: 1382306

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0



#52

Toluene

Concen: 1.941 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053772.D

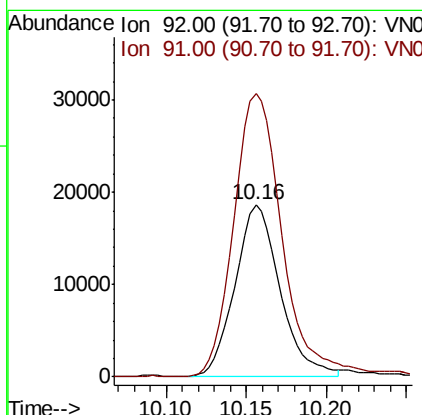
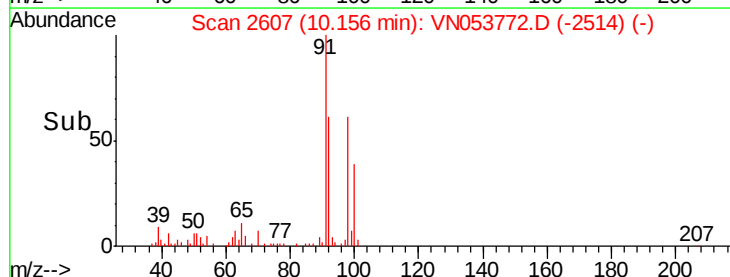
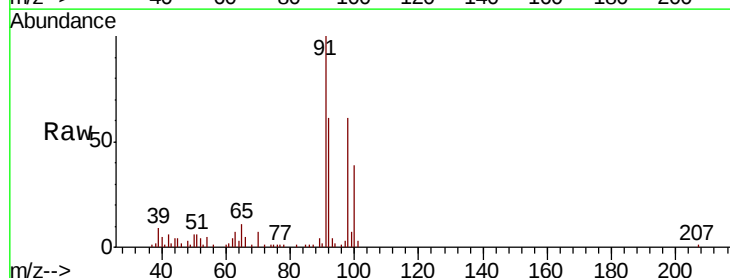
Acq: 14 Feb 2019 12:01

Tgt Ion: 92 Resp: 35909

Ion Ratio Lower Upper

92 100

91 178.3 139.9 209.9





#62

4-Bromofluorobenzene

Concen: 52.086 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

OR-01-021319-A

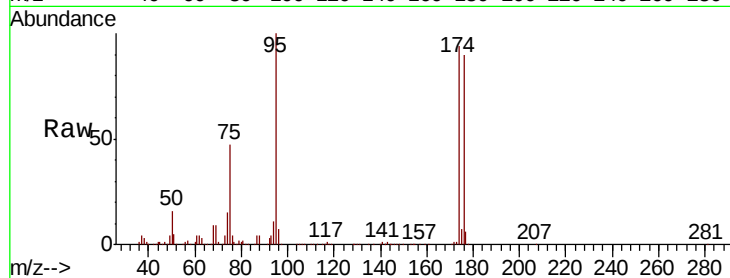
Tot Ion: 95 Resp: 462149

Ion Ratio Lower Upper

95 100

174 94.8 0.0 183.2

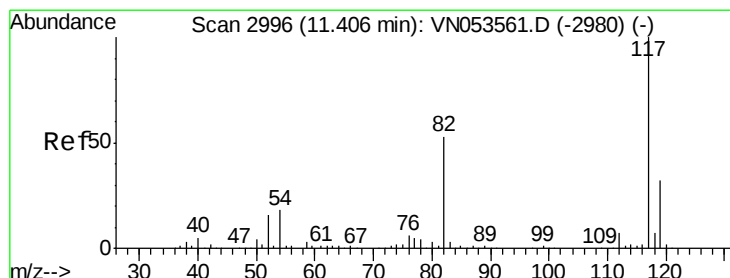
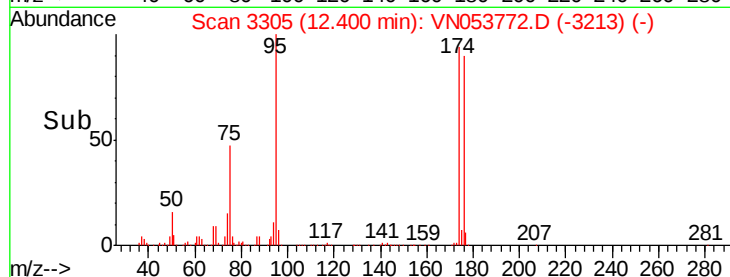
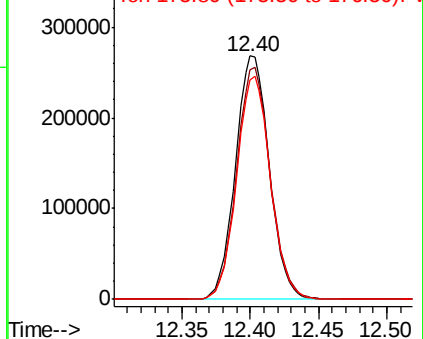
176 91.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

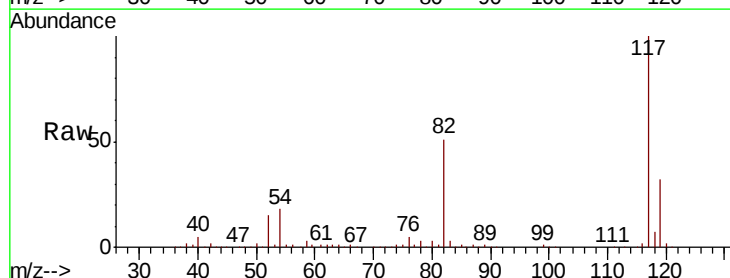
Tgt Ion: 117 Resp: 1057684

Ion Ratio Lower Upper

117 100

82 51.3 42.9 64.3

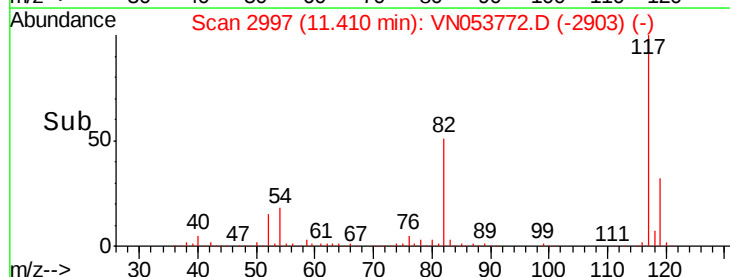
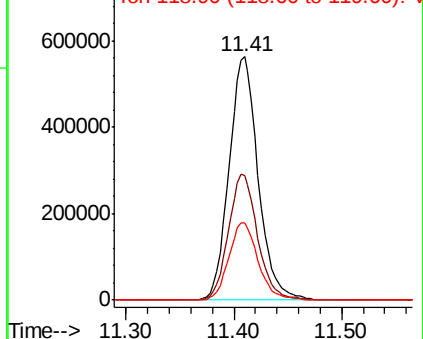
119 31.8 26.0 39.0

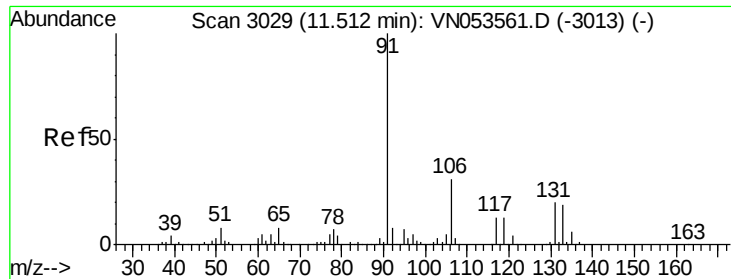


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)

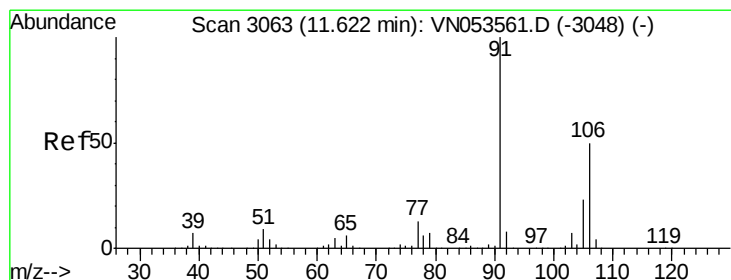
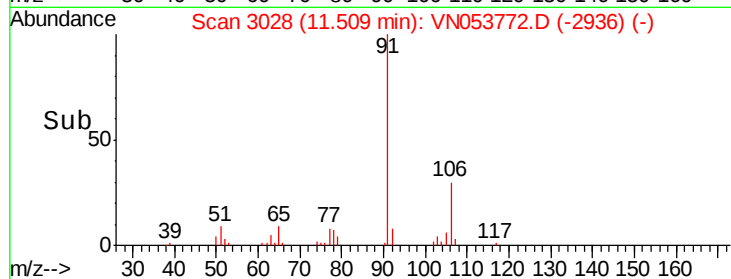
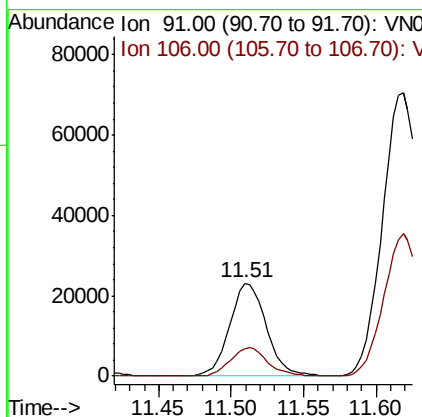
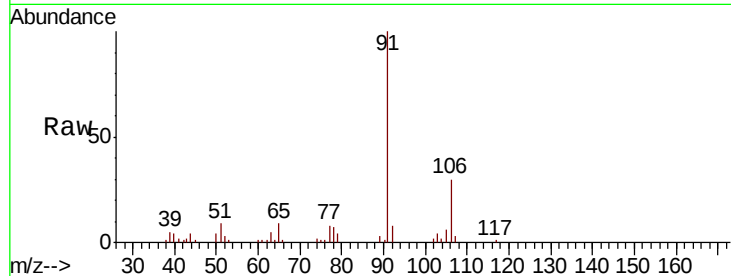




#67
Ethyl Benzene
Concen: 1.103 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

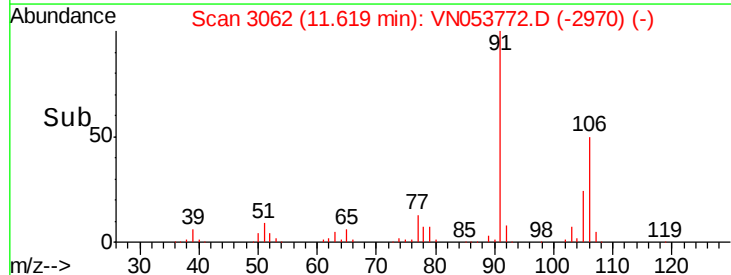
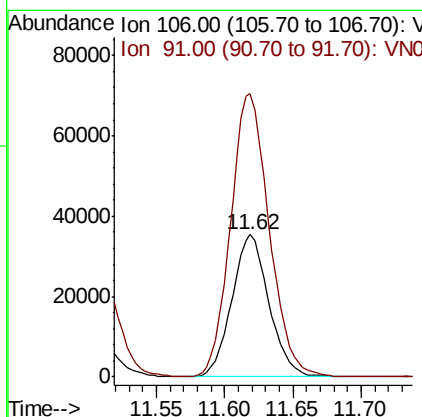
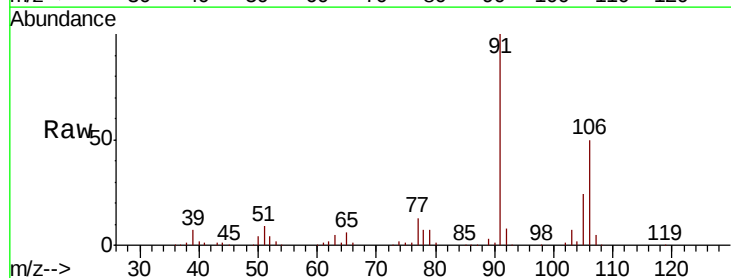
Instrument :
MSVOA_N
ClientSampled :
OR-01-021319-A

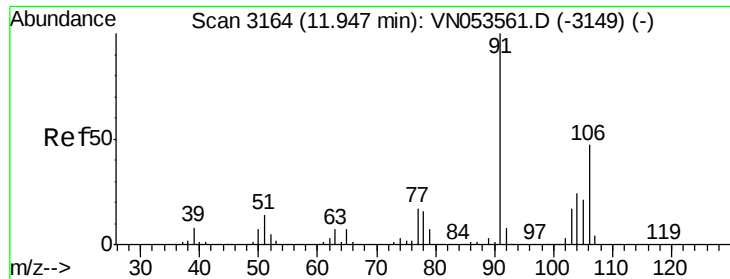
Tot Ion: 91 Resp: 40697
Ion Ratio Lower Upper
91 100
106 29.9 25.0 37.6



#68
m/p-Xylenes
Concen: 4.734 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

Tgt Ion: 106 Resp: 66687
Ion Ratio Lower Upper
106 100
91 207.4 161.4 242.2

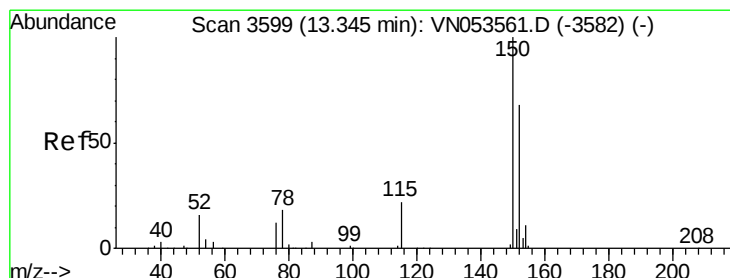
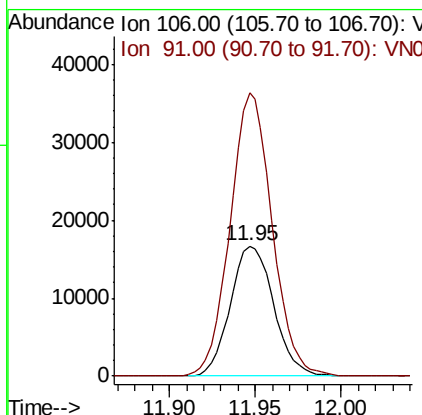
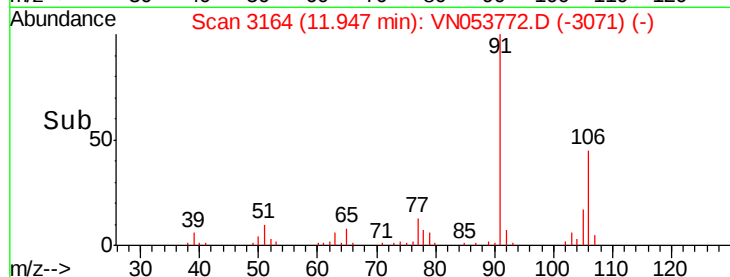
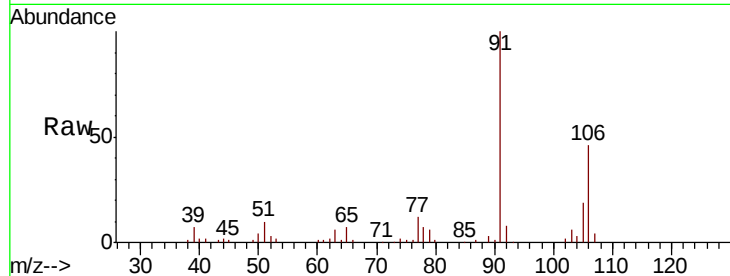




#69
o-Xylene
Concen: 2.156 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

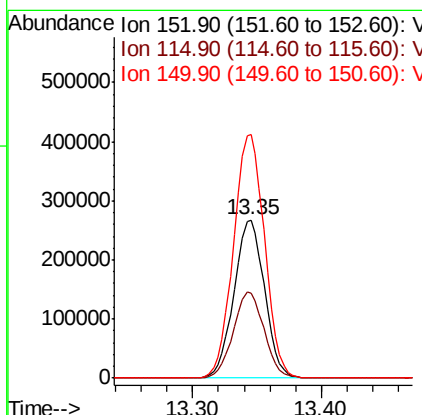
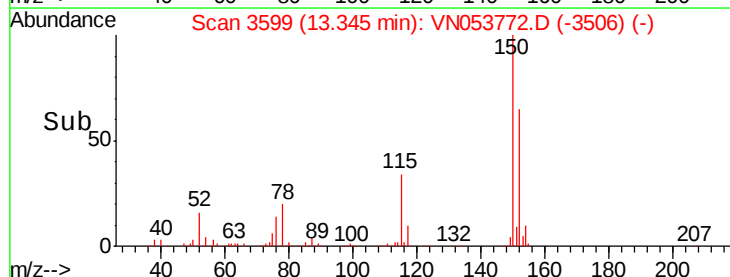
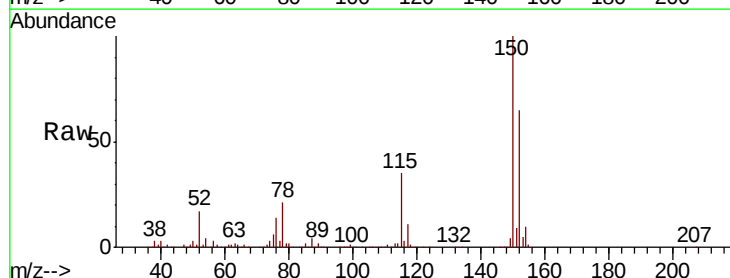
Instrument :
MSVOA_N
ClientSampled :
OR-01-021319-A

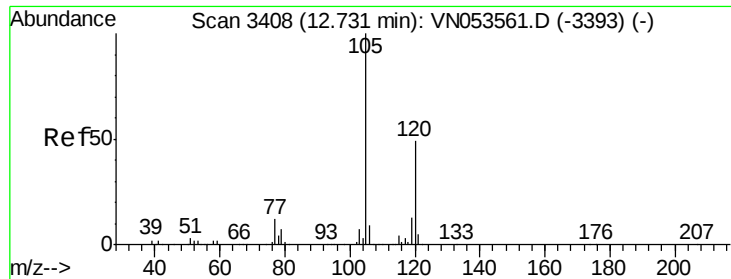
Tot Ion:106 Resp: 29341
Ion Ratio Lower Upper
106 100
91 210.7 106.9 320.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

Tgt Ion:152 Resp: 439230
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 156.8 0.0 349.0

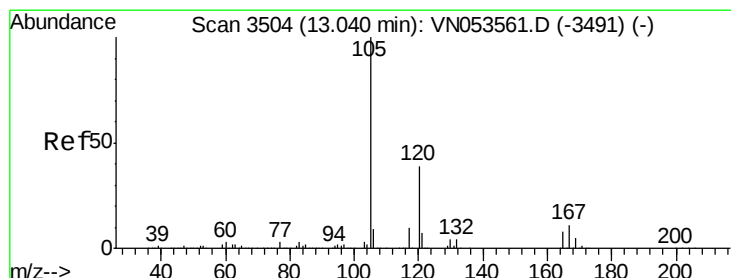
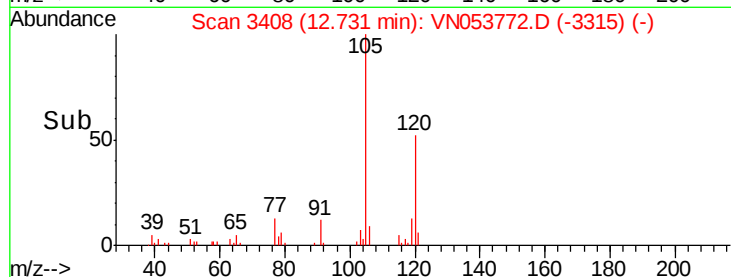
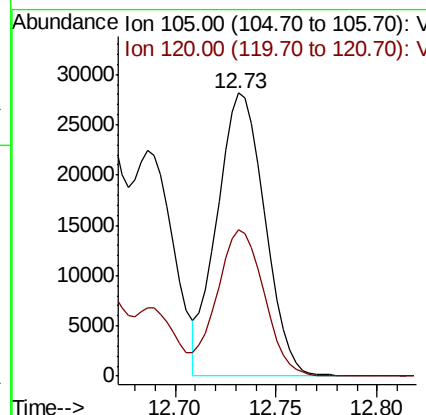
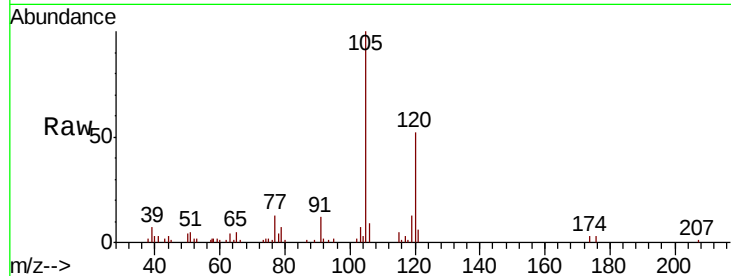




#80
 1,3,5-Trimethylbenzene
 Concen: 1.820 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN053772.D
 Acq: 14 Feb 2019 12:01

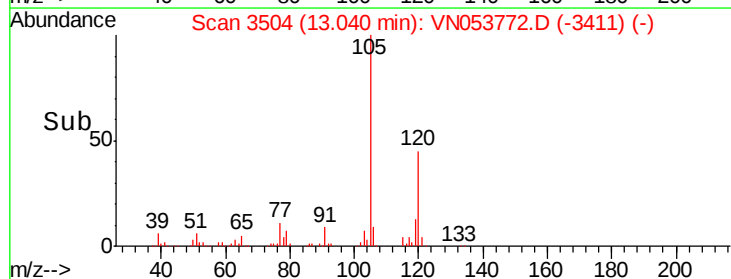
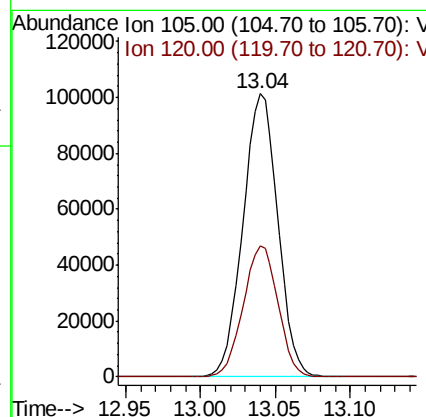
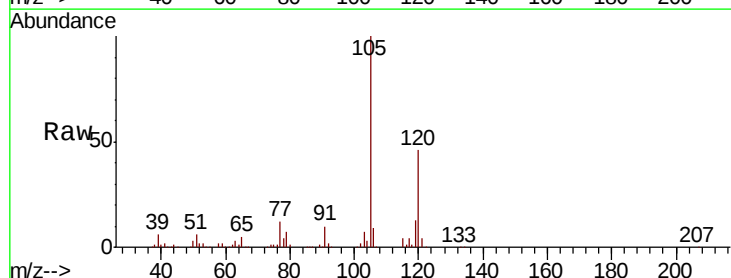
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-021319-A

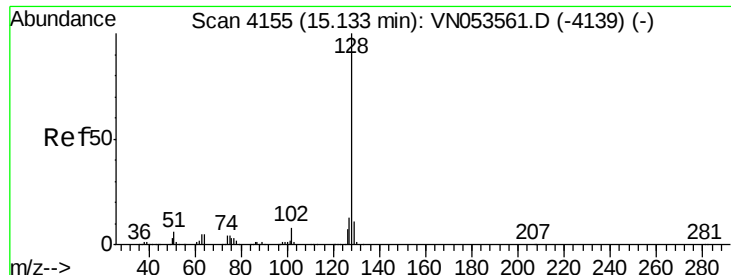
Tot Ion:105 Resp: 46597
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.9 74.6



#84
 1,2,4-Trimethylbenzene
 Concen: 6.301 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053772.D
 Acq: 14 Feb 2019 12:01

Tgt Ion:105 Resp: 164373
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.0 69.0





#95

Naphthalene

Concen: 4.360 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

OR-01-021319-A

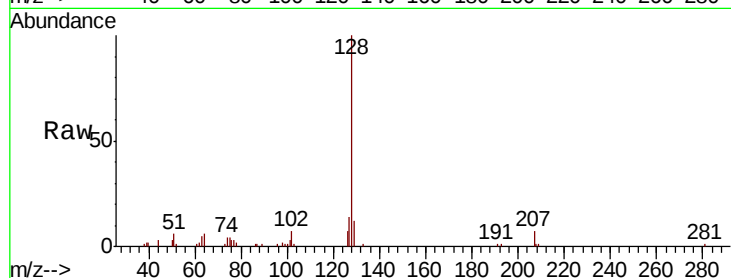
Tot Ion:128 Resp: 52451

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

