

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053699.D
 Acq On : 11 Feb 2019 12:46
 Operator : JC/SP
 Sample : K1424-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS2-RB200035

Quant Time: Feb 11 22:38:48 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	782156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1290345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1198507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	522870	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	413270	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	
35) Dibromofluoromethane	7.59	113	411467	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
50) Toluene-d8	10.09	98	1558511	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.40	95	535117	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	

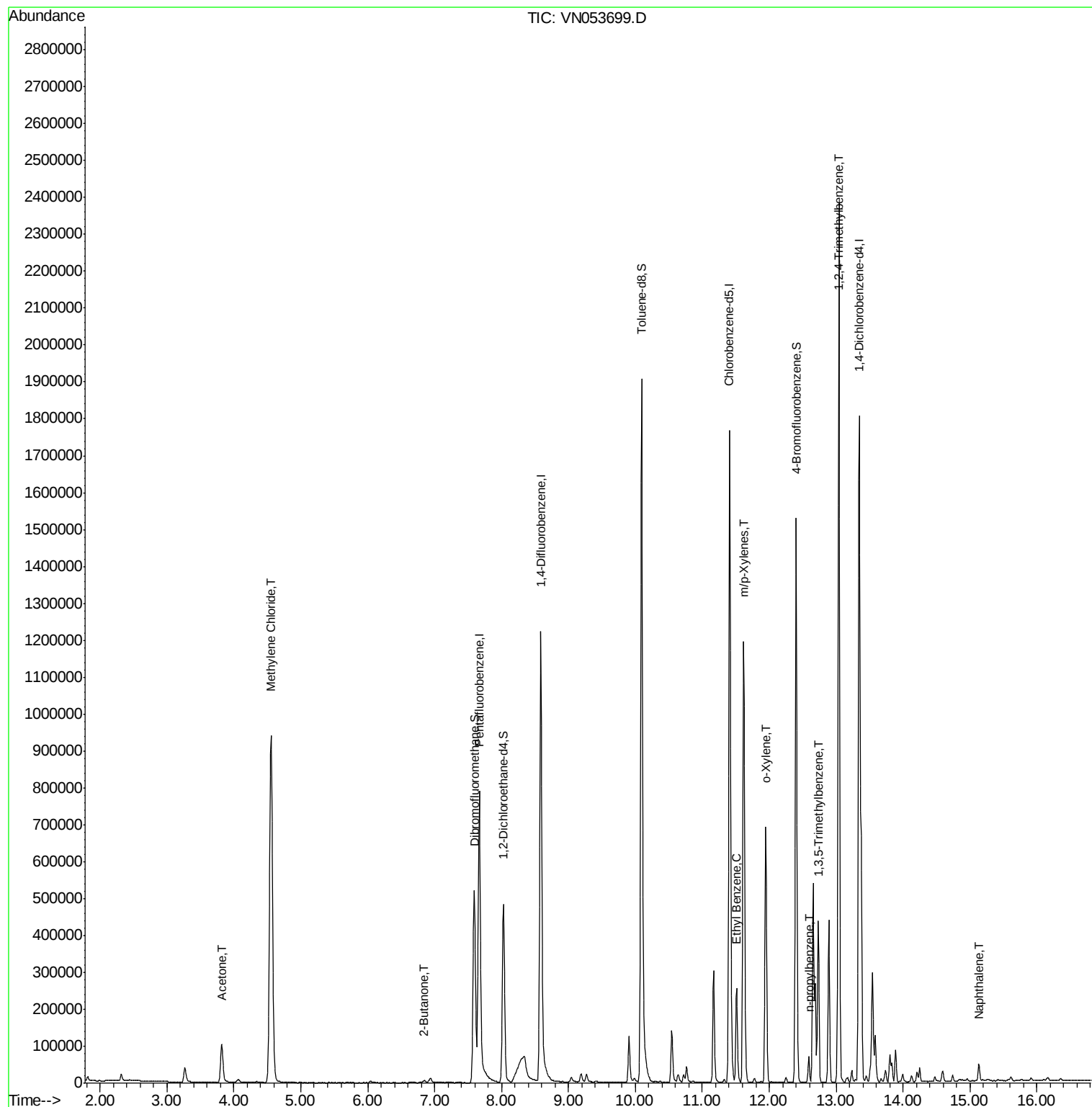
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	177073	87.980	ug/l	100
20) Methylene Chloride	4.55	84	757457	89.705	ug/l	99
25) 2-Butanone	6.84	43	10601	3.693	ug/l	100
67) Ethyl Benzene	11.51	91	203335	4.862	ug/l	100
68) m/p-Xylenes	11.62	106	411450	25.779	ug/l	99
69) o-Xylene	11.95	106	206822	13.413	ug/l	100
78) n-propylbenzene	12.59	91	55667	1.310	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	246116	8.075	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1369087	44.087	ug/l	99
95) Naphthalene	15.13	128	41200	3.468	ug/l	99

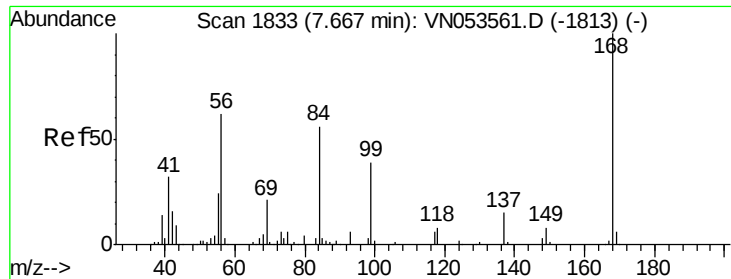
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021119\
Data File : VN053699.D
Acq On : 11 Feb 2019 12:46
Operator : JC/SP
Sample : K1424-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS2-RB200035

Quant Time: Feb 11 22:38:48 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: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

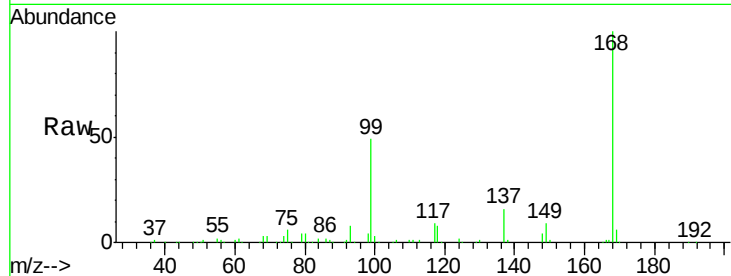
SS2-RB200035

Tot Ion:168 Resp: 782156

Ion Ratio Lower Upper

168 100

99 49.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

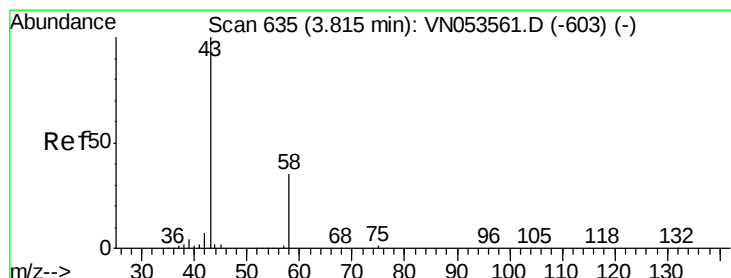
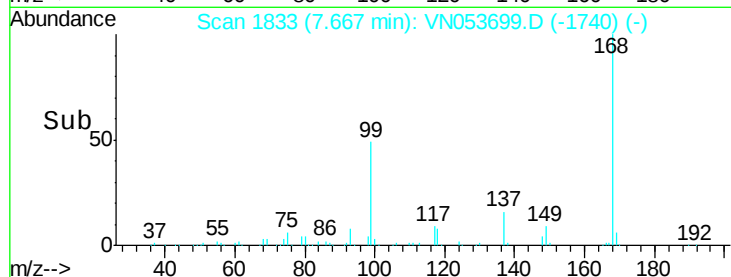
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 87.980 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053699.D

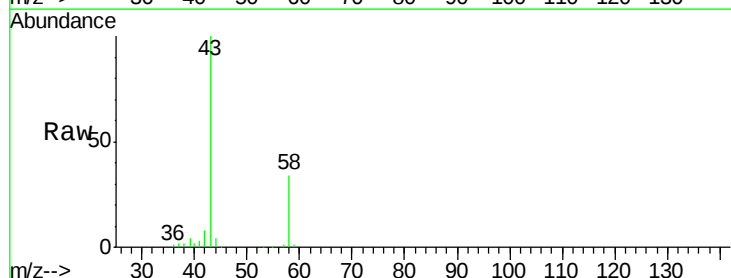
Acq: 11 Feb 2019 12:46

Tgt Ion: 43 Resp: 177073

Ion Ratio Lower Upper

43 100

58 34.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

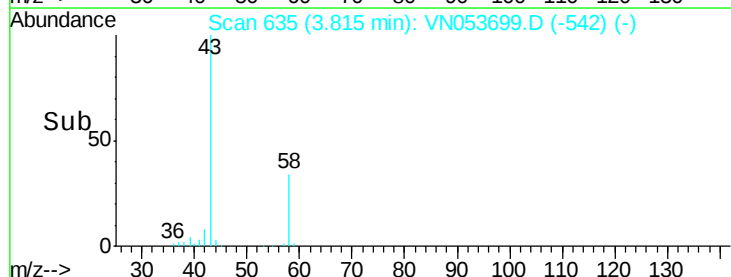
60000

40000

20000

0

Time--> 3.70 3.80 3.90 4.00

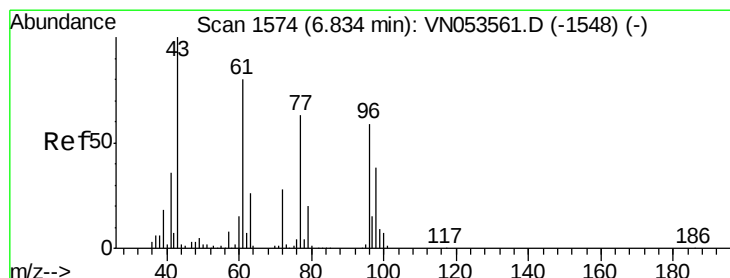
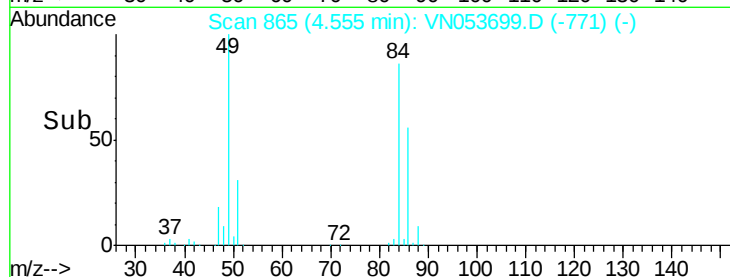
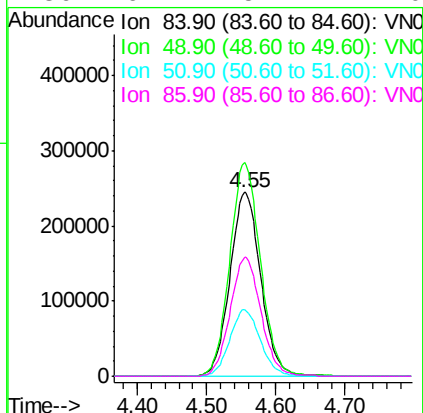
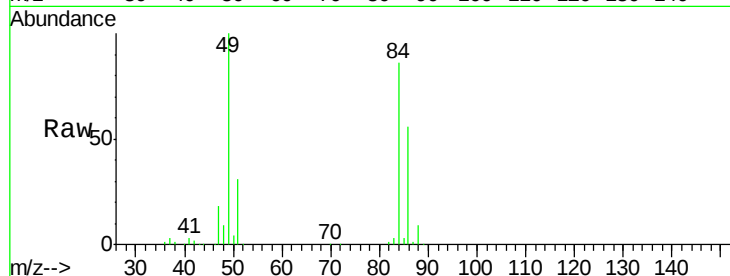




#20
Methvlene Chloride
Concen: 89.705 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

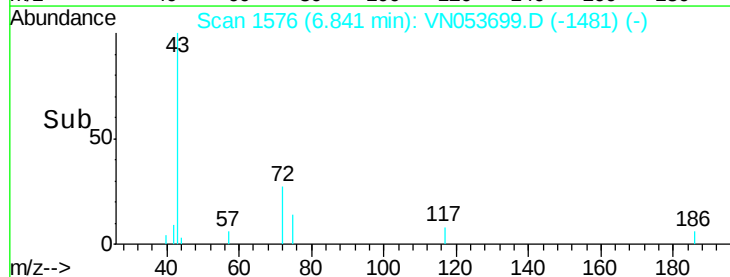
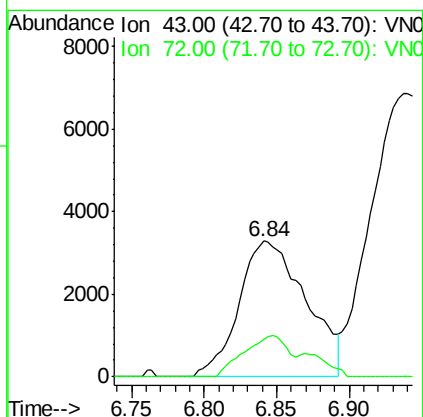
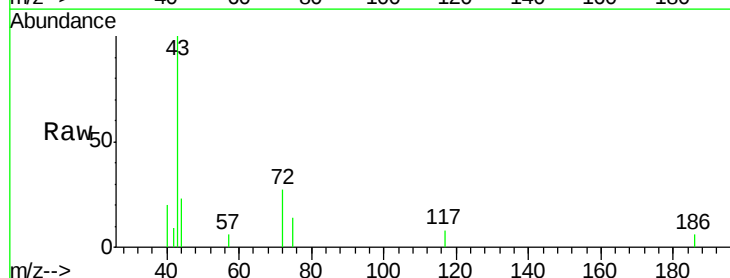
Instrument :
MSVOA_N
ClientSampleId :
SS2-RB200035

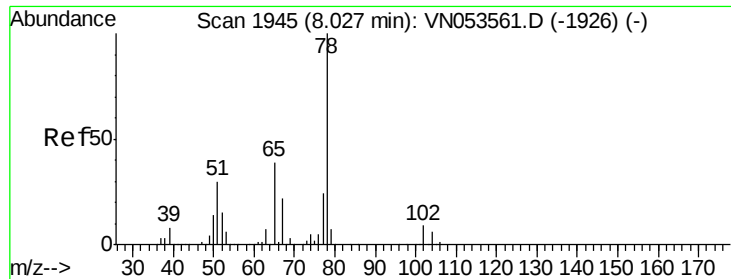
Tot Ion: 84 Resp: 757457
Ion Ratio Lower Upper
84 100
49 116.1 94.3 141.5
51 36.1 29.4 44.2
86 64.4 51.4 77.0



#25
2-Butanone
Concen: 3.693 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

Tgt Ion: 43 Resp: 10601
Ion Ratio Lower Upper
43 100
72 27.3 22.0 33.0

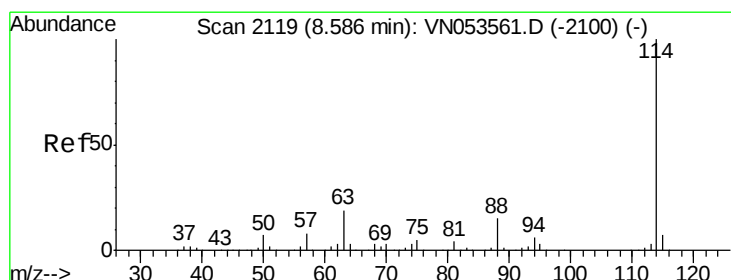
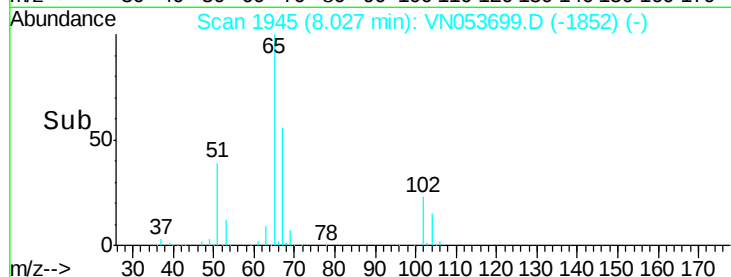
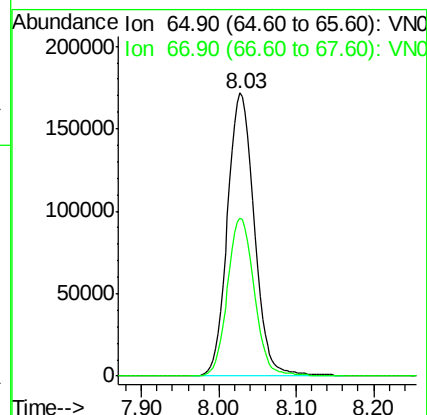
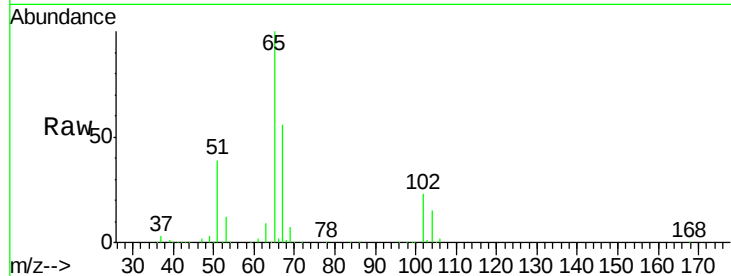




#33
 1,2-Dichloroethane-d4
 Concen: 52.669 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053699.D
 Acq: 11 Feb 2019 12:46

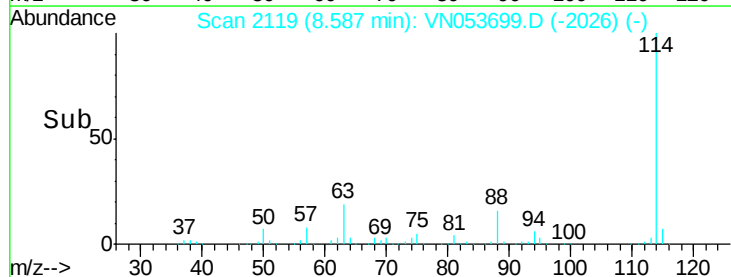
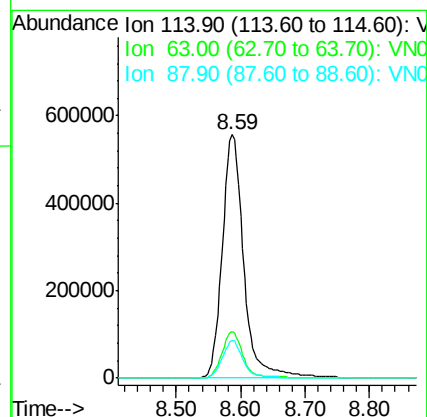
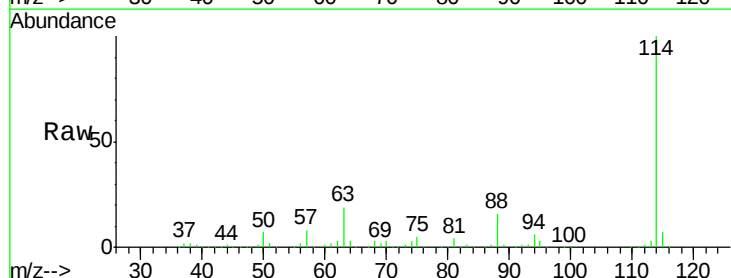
Instrument :
 MSVOA_N
 ClientSampleId :
 SS2-RB200035

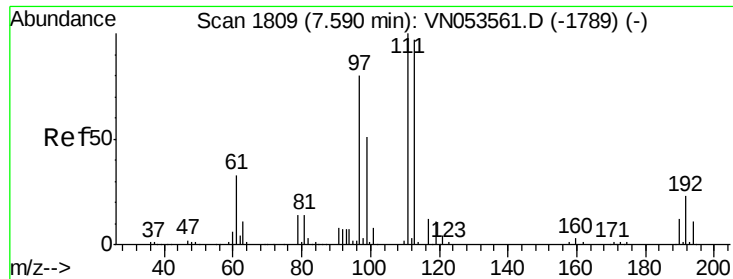
Tot Ion: 65 Resp: 413270
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053699.D
 Acq: 11 Feb 2019 12:46

Tgt Ion: 114 Resp: 1290345
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.5 0.0 30.4

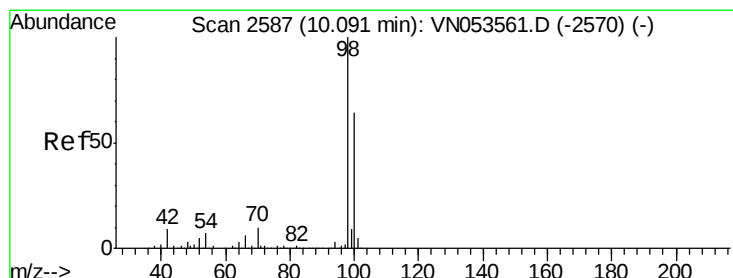
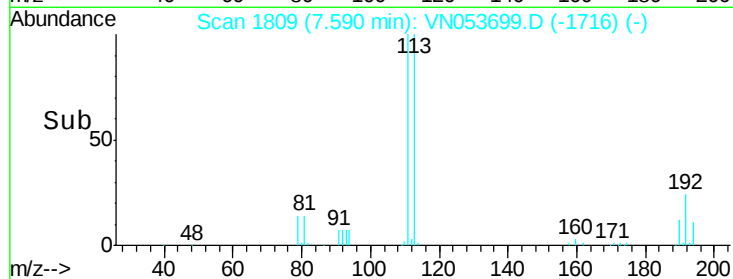
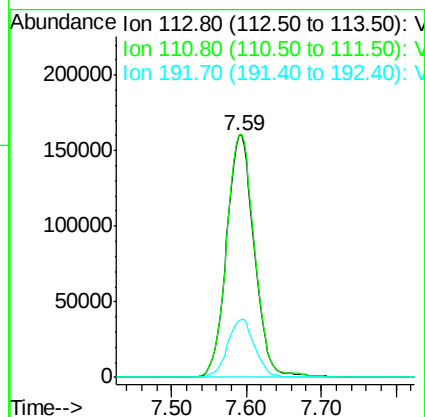
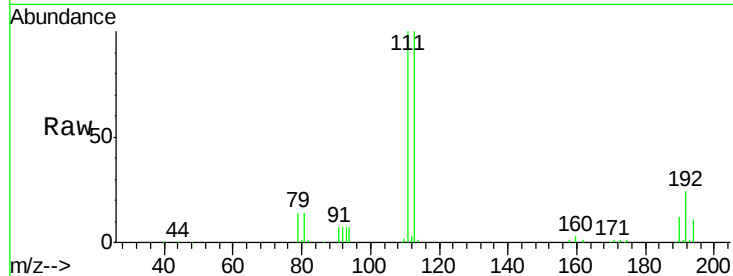




#35
 Dibromofluoromethane
 Concen: 50.466 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053699.D
 Acq: 11 Feb 2019 12:46

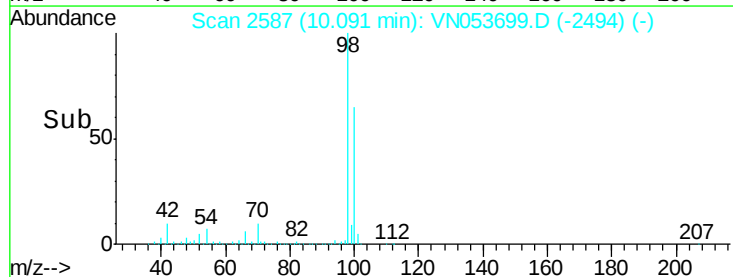
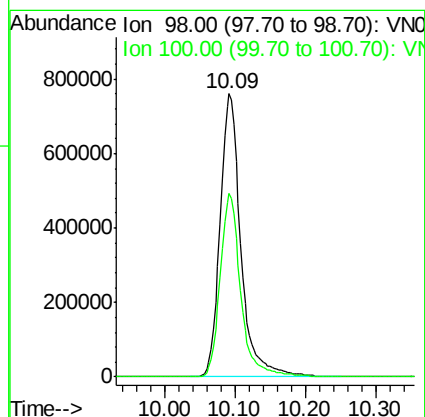
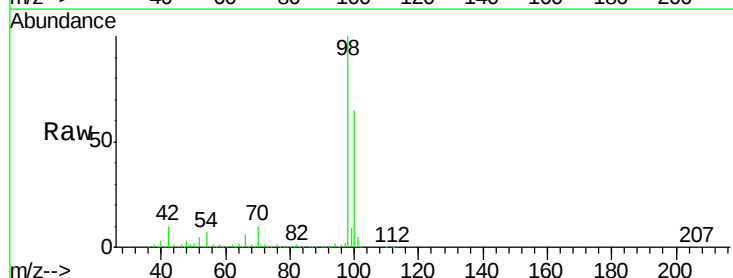
Instrument :
 MSVOA_N
 ClientSampleId :
 SS2-RB200035

Tot Ion:113 Resp: 411467
 Ion Ratio Lower Upper
 113 100
 111 100.3 81.1 121.7
 192 23.4 18.2 27.2



#50
 Toluene-d8
 Concen: 50.908 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053699.D
 Acq: 11 Feb 2019 12:46

Tgt Ion: 98 Resp: 1558511
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 52.409 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

SS2-RB200035

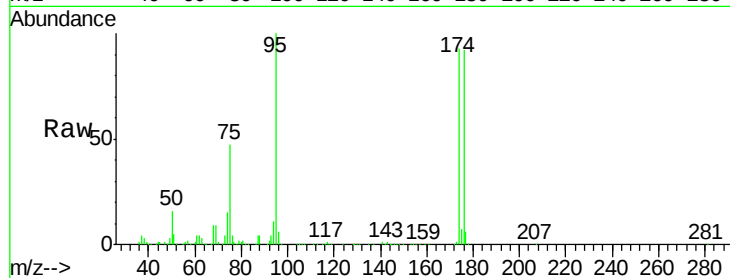
Tot Ion: 95 Resp: 535117

Ion Ratio Lower Upper

95 100

174 93.0 0.0 183.2

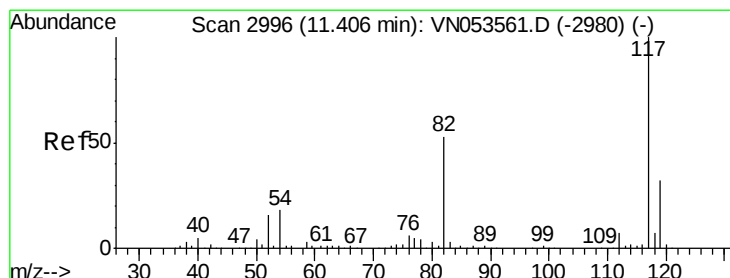
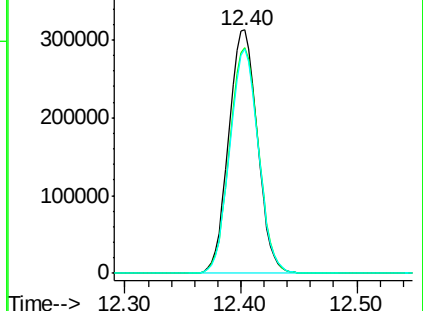
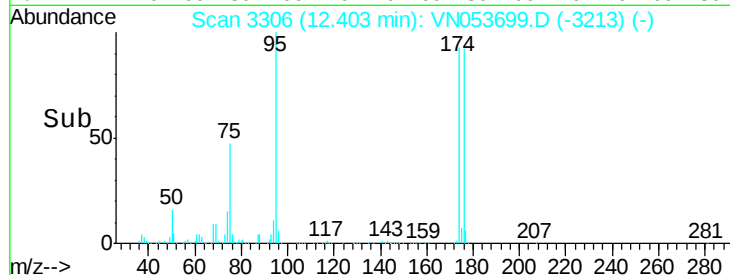
176 91.4 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053699.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053699.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053699.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

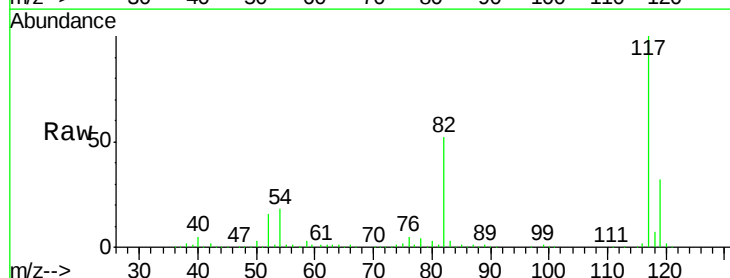
Tgt Ion: 117 Resp: 1198507

Ion Ratio Lower Upper

117 100

82 52.4 42.9 64.3

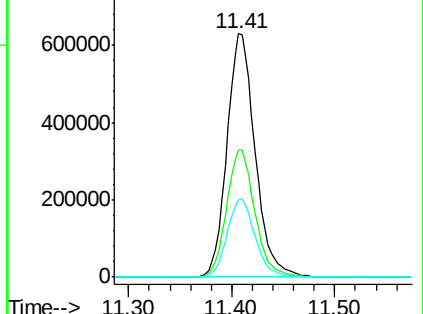
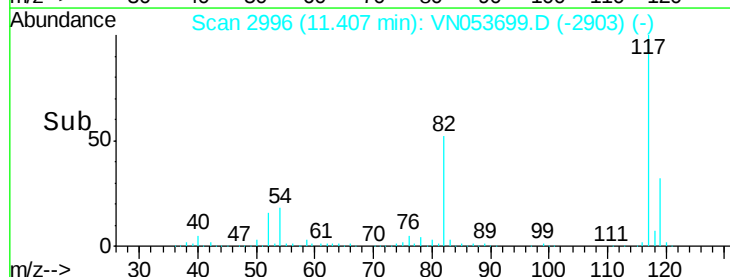
119 31.8 26.0 39.0

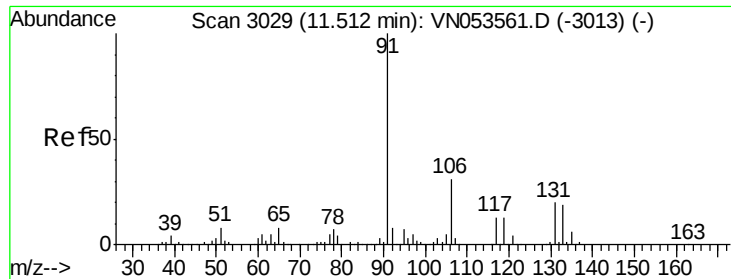


Abundance Ion 116.90 (116.60 to 117.60): VN053699.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053699.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053699.D (-2903) (-)

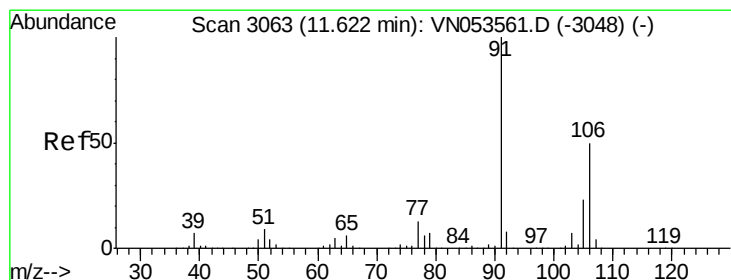
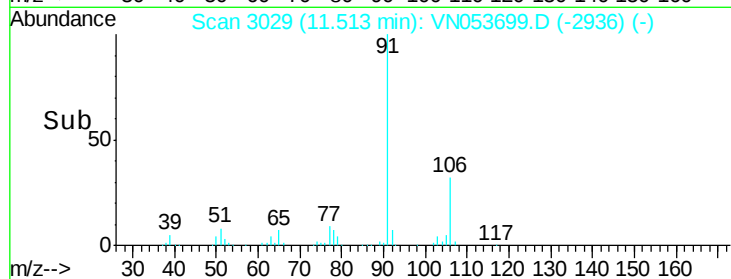
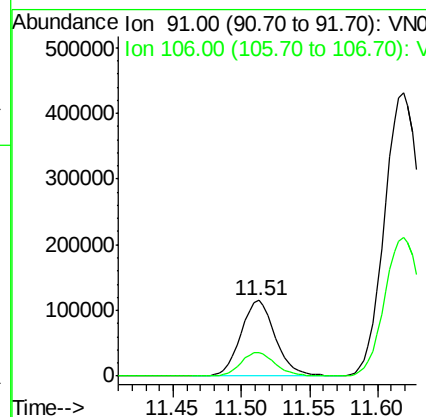
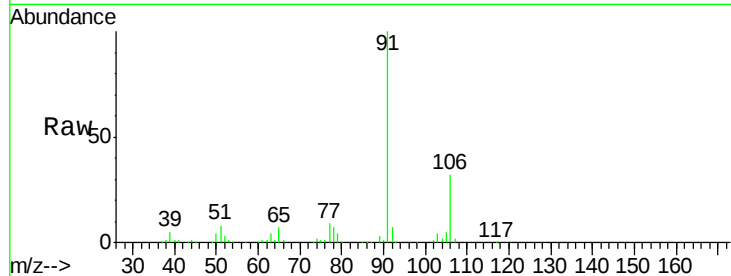




#67
Ethyl Benzene
Concen: 4.862 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

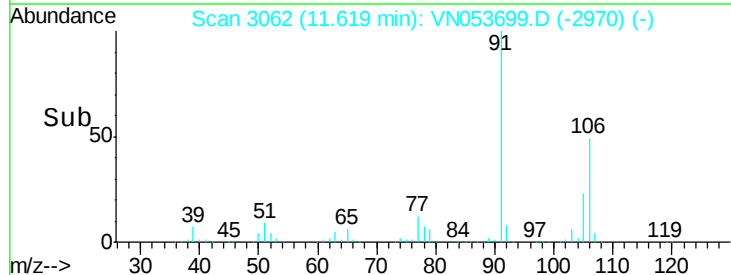
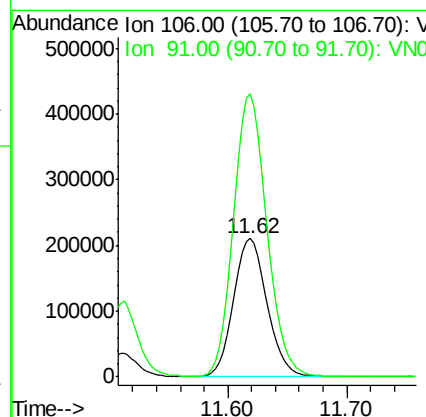
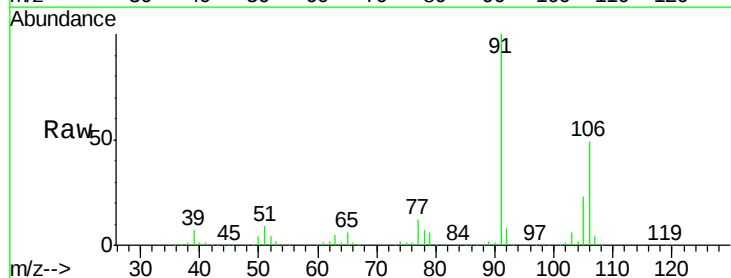
Instrument :
MSVOA_N
ClientSampled :
SS2-RB200035

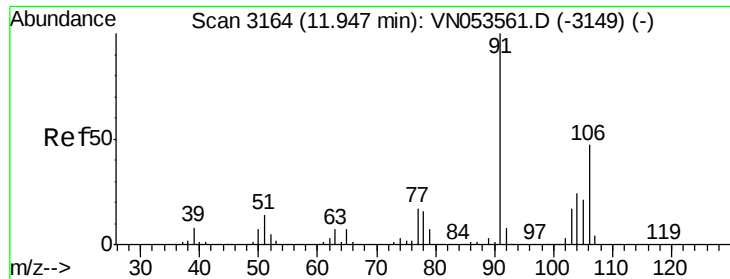
Tot Ion: 91 Resp: 203335
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 25.779 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

Tgt Ion: 106 Resp: 411450
Ion Ratio Lower Upper
106 100
91 203.4 161.4 242.2

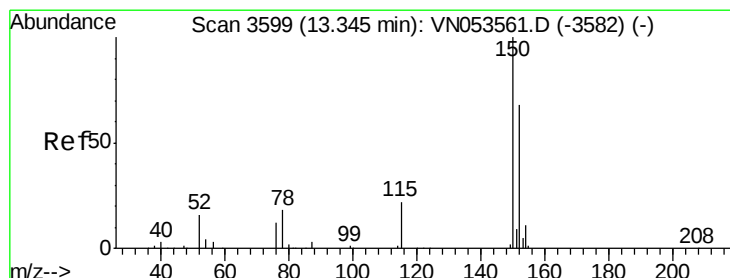
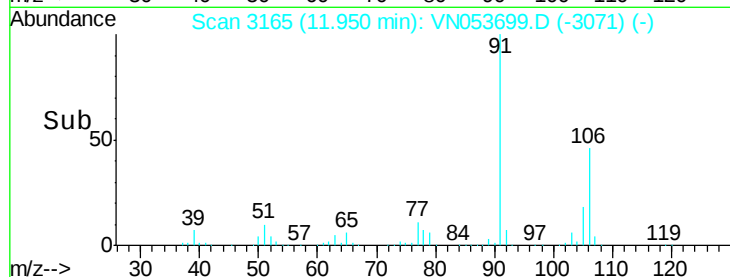
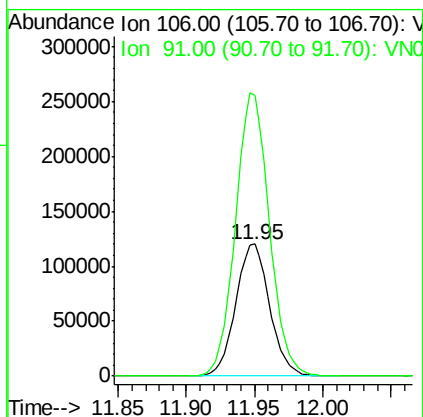
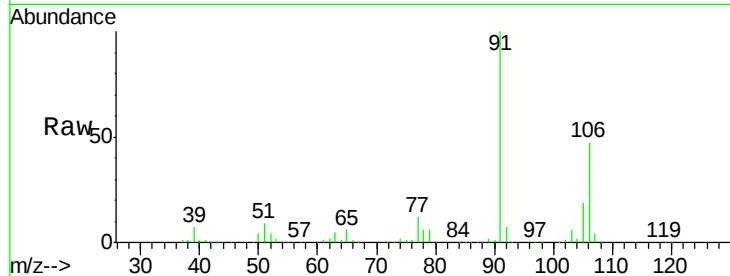




#69
o-Xylene
Concen: 13.413 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

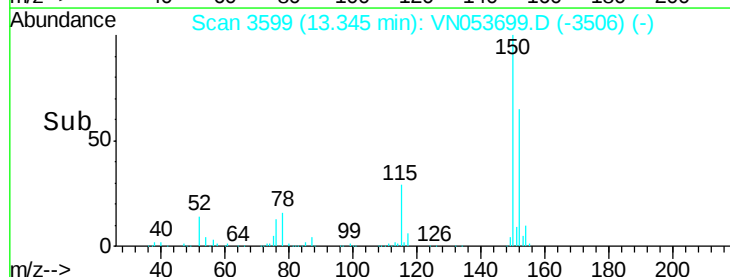
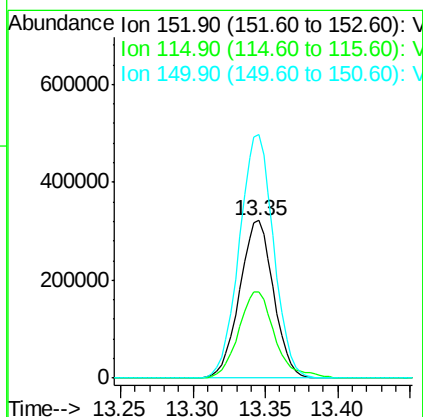
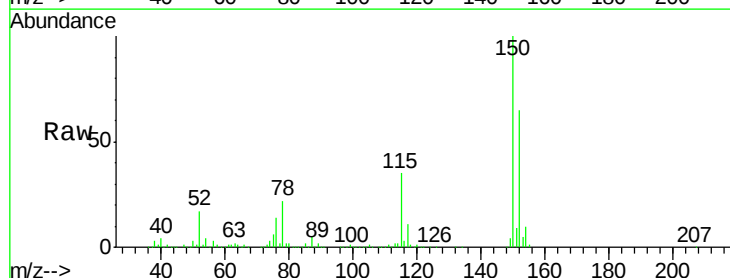
Instrument :
MSVOA_N
ClientSampleId :
SS2-RB200035

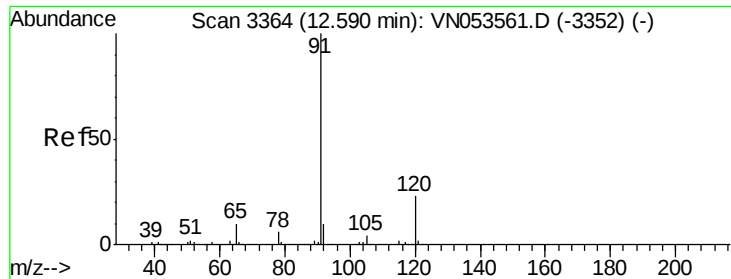
Tot Ion:106 Resp: 206822
Ion Ratio Lower Upper
106 100
91 214.6 106.9 320.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

Tgt Ion:152 Resp: 522870
Ion Ratio Lower Upper
152 100
115 58.2 27.8 83.4
150 156.3 0.0 349.0





#78

n-propylbenzene

Concen: 1.310 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

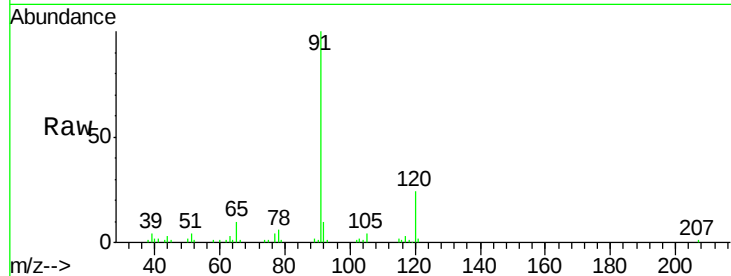
SS2-RB200035

Tot Ion: 91 Resp: 55667

Ion Ratio Lower Upper

91 100

120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN053561.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN053561.D (-3352) (-)

80000

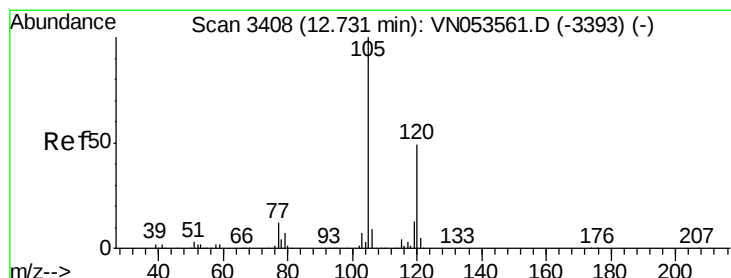
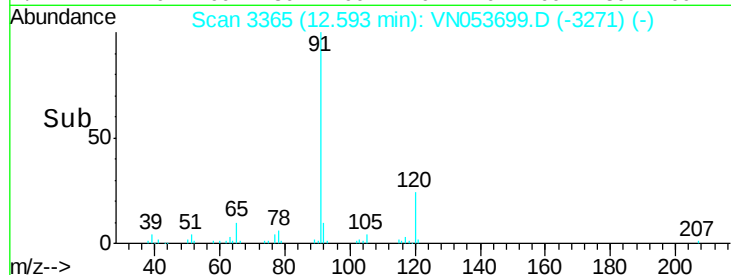
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 8.075 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053699.D

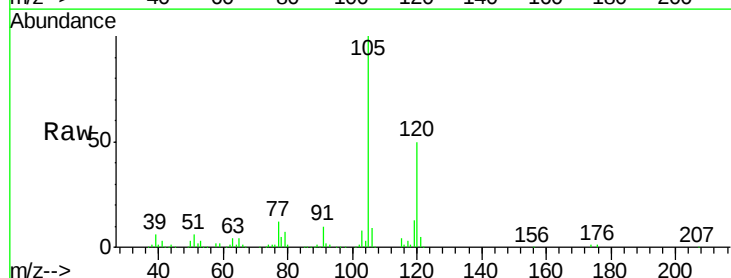
Acq: 11 Feb 2019 12:46

Tgt Ion: 105 Resp: 246116

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053561.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN053561.D (-3393) (-)

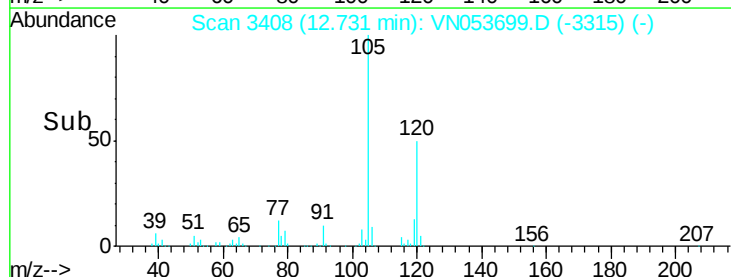
150000

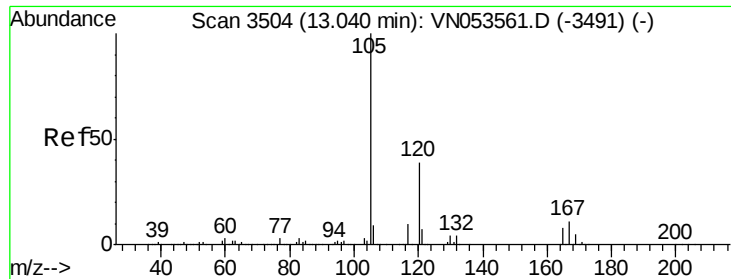
100000

50000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 44.087 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

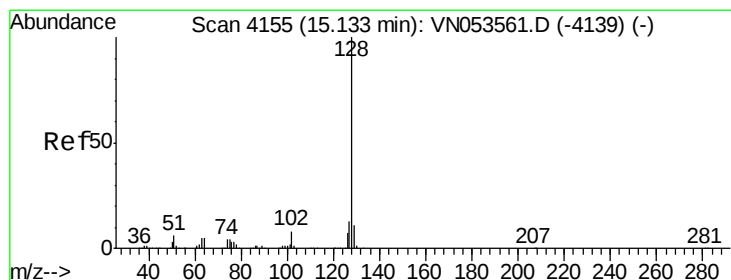
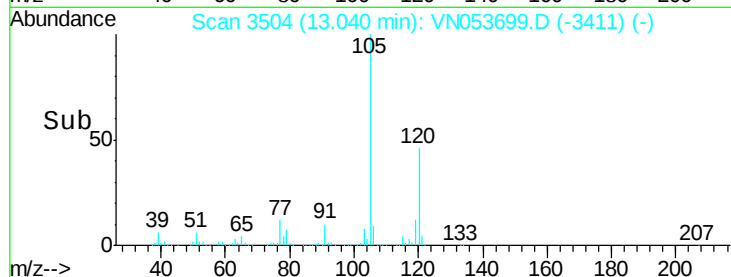
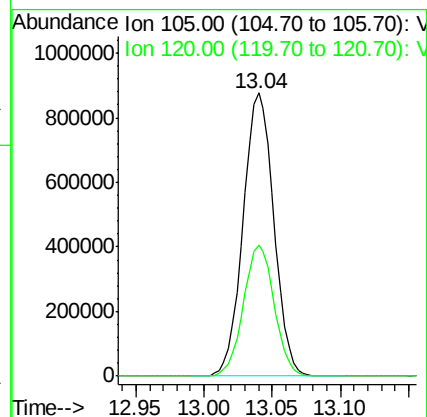
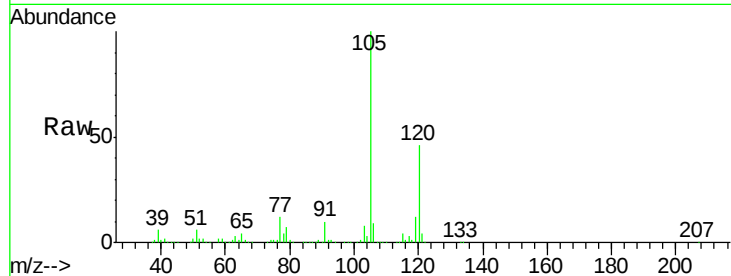
SS2-RB200035

Tot Ion:105 Resp: 1369087

Ion Ratio Lower Upper

105 100

120 46.4 23.0 69.0



#95

Naphthalene

Concen: 3.468 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Tgt Ion:128 Resp: 41200

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 11.2 8.6 13.0

