

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012219\
 Data File : VN053522.D
 Acq On : 22 Jan 2019 16:29
 Operator : JC/SP
 Sample : K1215-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW530-4246

Quant Time: Jan 23 04:00:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	818071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1277165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1208856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	546045	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	419323	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
35) Dibromofluoromethane	7.59	113	388479	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	
50) Toluene-d8	10.09	98	1599061	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.40	95	556963	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	

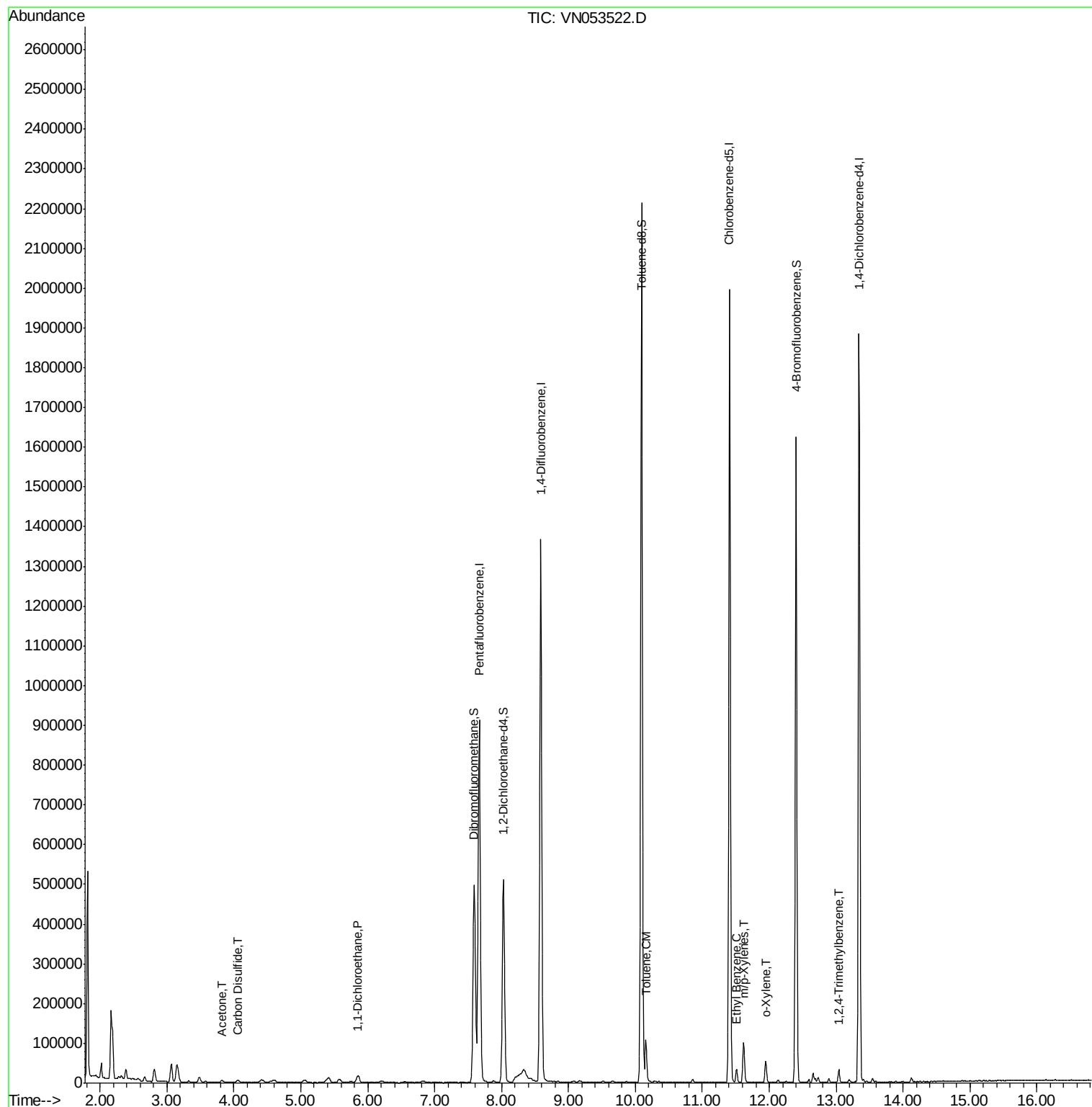
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	9054	4.773	ug/l	91
17) Carbon Disulfide	4.06	76	11677	0.530	ug/l #	88
24) 1,1-Dichloroethane	5.85	63	25464	1.744	ug/l	98
52) Toluene	10.16	92	46215	2.106	ug/l	100
67) Ethyl Benzene	11.51	91	25529	0.585	ug/l	97
68) m/p-Xylenes	11.62	106	32001	1.944	ug/l	97
69) o-Xylene	11.95	106	14994	0.937	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	19704	0.601	ug/l	98

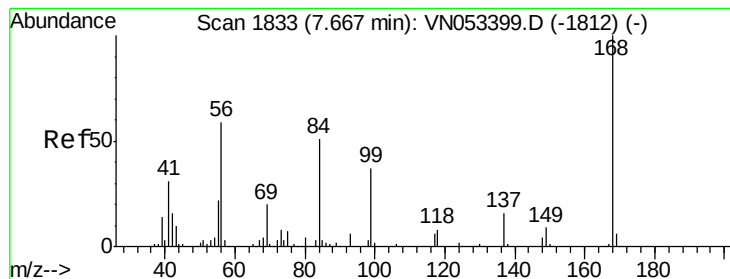
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012219\
Data File : VN053522.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 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: VN053522.D

Acq: 22 Jan 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

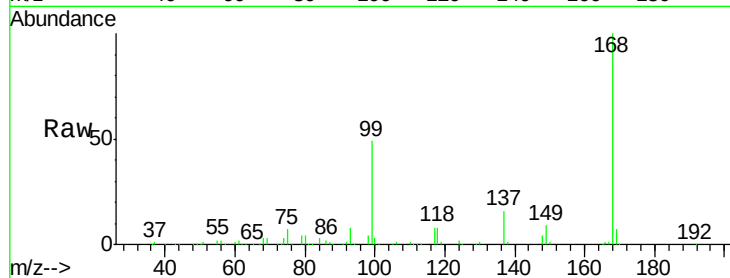
SA-TW530-4246

Tot Ion:168 Resp: 818071

Ion Ratio Lower Upper

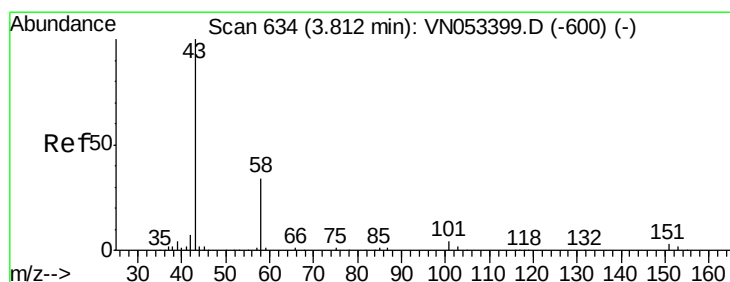
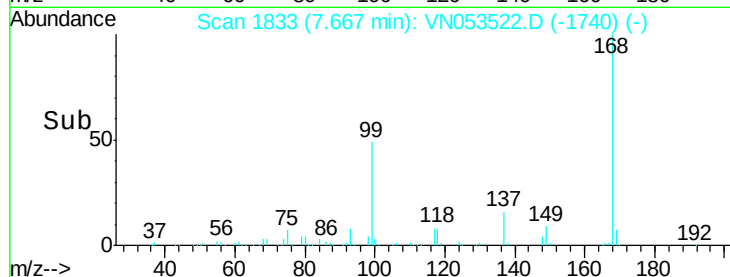
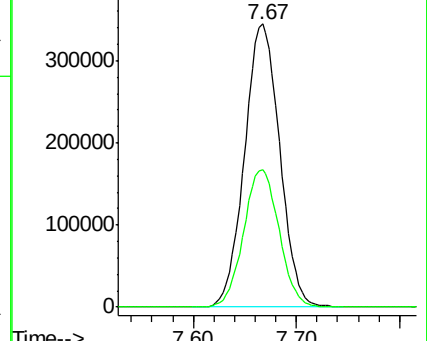
168 100

99 48.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)



#16

Acetone

Concen: 4.773 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053522.D

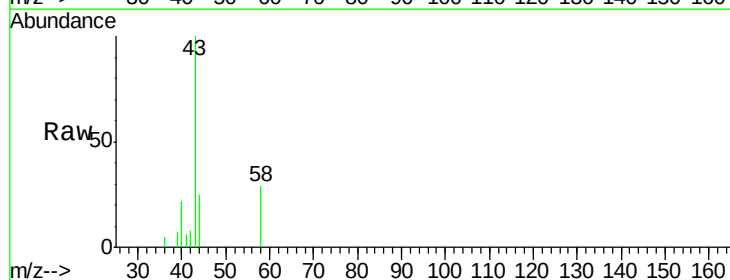
Acq: 22 Jan 2019 16:29

Tgt Ion: 43 Resp: 9054

Ion Ratio Lower Upper

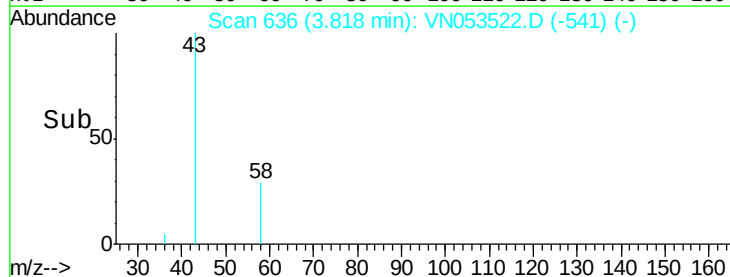
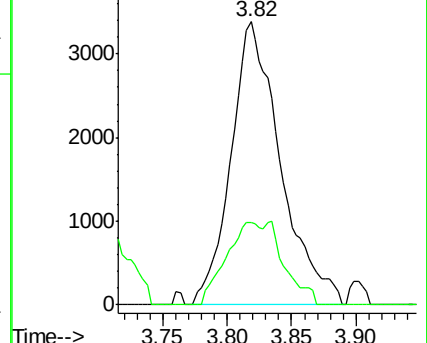
43 100

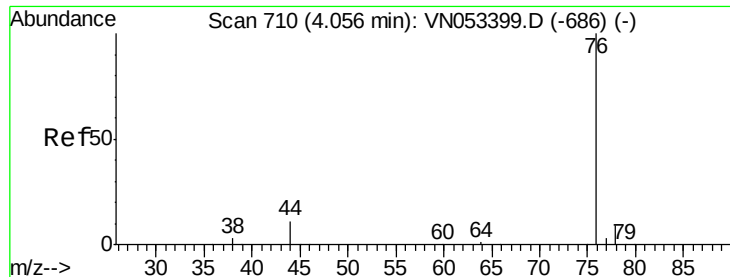
58 29.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-600) (-)





#17

Carbon Disulfide

Concen: 0.530 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN053522.D

Acq: 22 Jan 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

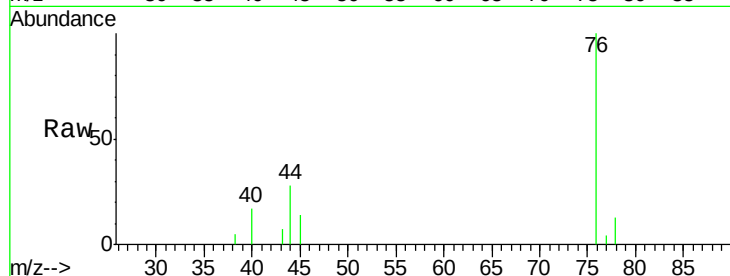
SA-TW530-4246

Tot Ion: 76 Resp: 11677

Ion Ratio Lower Upper

76 100

78 13.4 7.3 10.9#

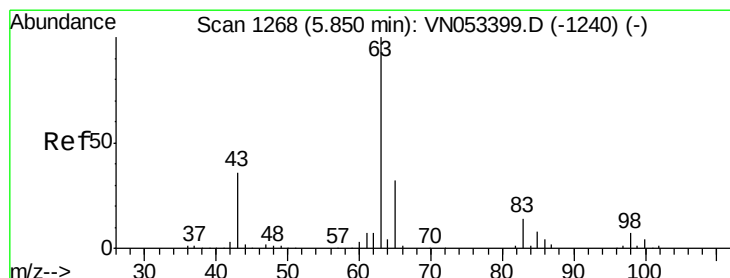
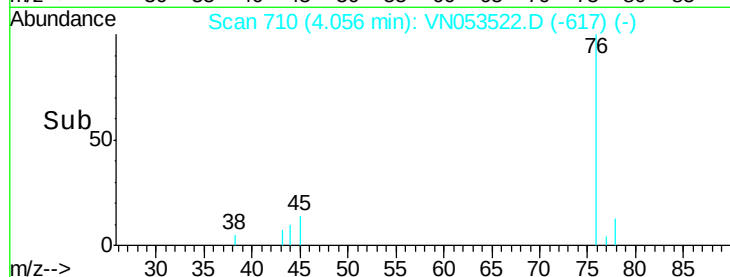


Abundance Ion 75.90 (75.60 to 76.60): VN053399.D (-686) (-)

Ion 77.90 (77.60 to 78.60): VN053399.D (-686) (-)

4.06

Time-->



#24

1,1-Dichloroethane

Concen: 1.744 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN053522.D

Acq: 22 Jan 2019 16:29

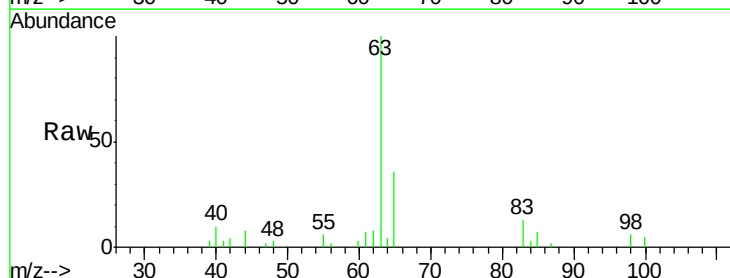
Tgt Ion: 63 Resp: 25464

Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.9

100 4.5 2.1 6.5



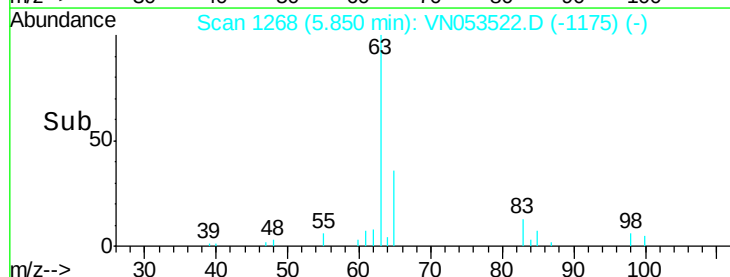
Abundance Ion 62.90 (62.60 to 63.60): VN053399.D (-1240) (-)

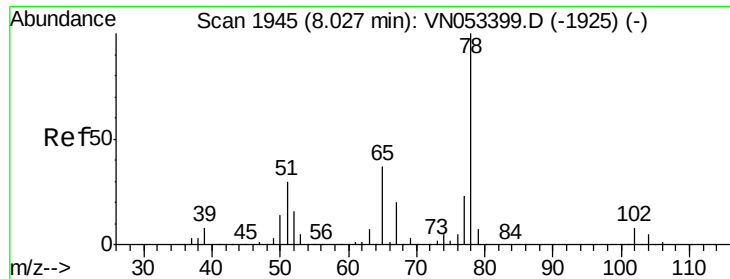
Ion 97.90 (97.60 to 98.60): VN053399.D (-1240) (-)

Ion 99.90 (99.60 to 100.60): VN053399.D (-1240) (-)

5.85

Time-->

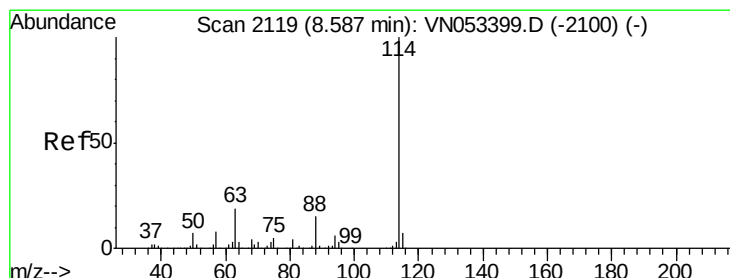
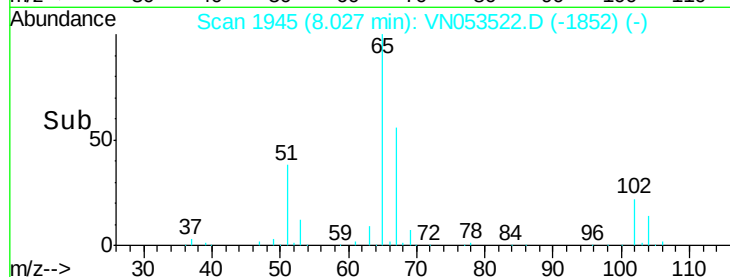
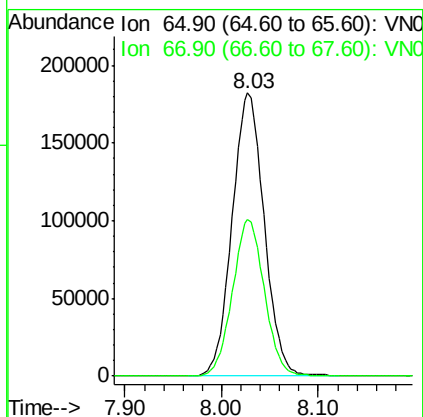
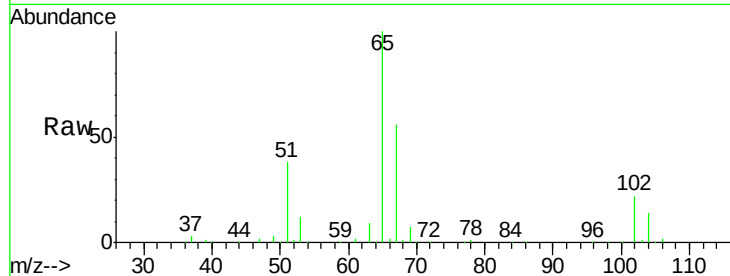




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053522.D
 Acq: 22 Jan 2019 16:29

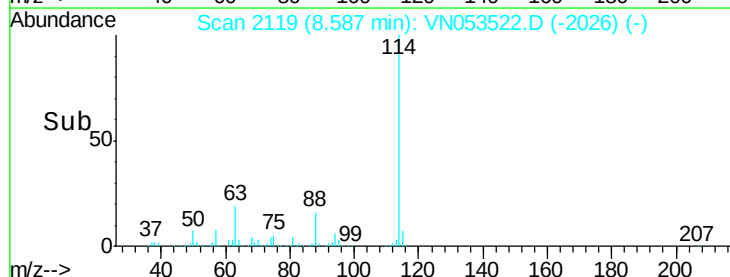
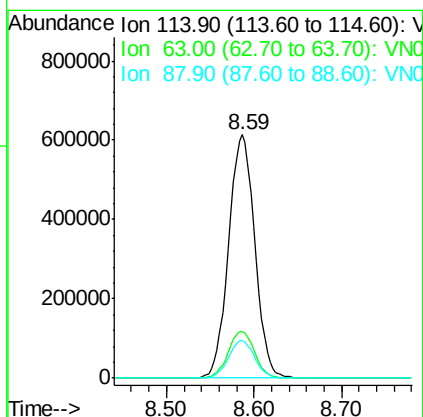
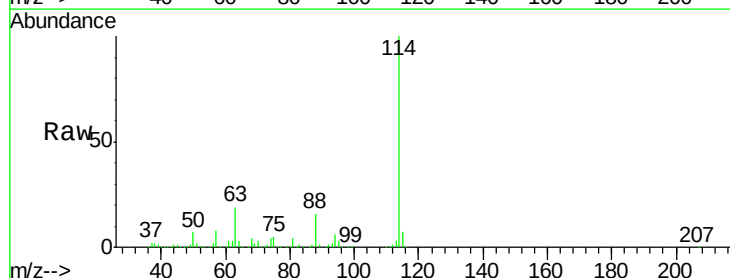
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW530-4246

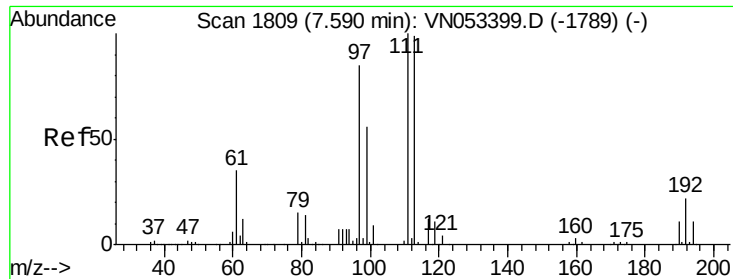
Tot Ion: 65 Resp: 419323
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053522.D
 Acq: 22 Jan 2019 16:29

Tgt Ion:114 Resp: 1277165
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053522.D

Acq: 22 Jan 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

SA-TW530-4246

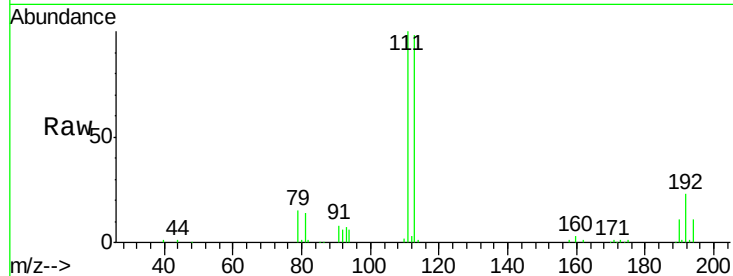
Tot Ion:113 Resp: 388479

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

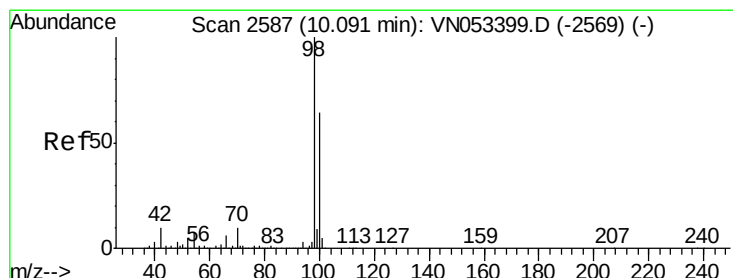
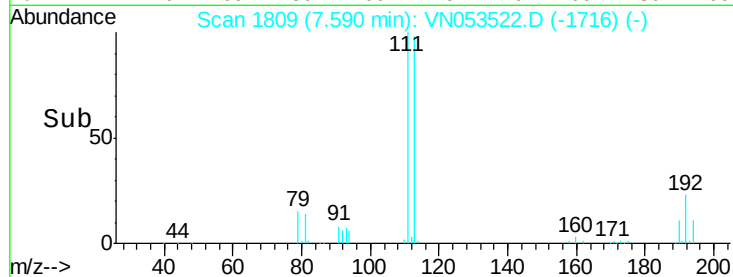
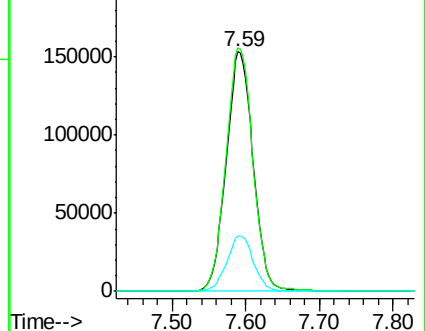
192 22.9 18.2 27.2



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053522.D

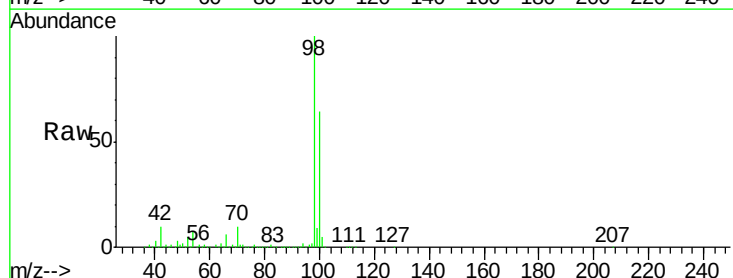
Acq: 22 Jan 2019 16:29

Tgt Ion: 98 Resp: 1599061

Ion Ratio Lower Upper

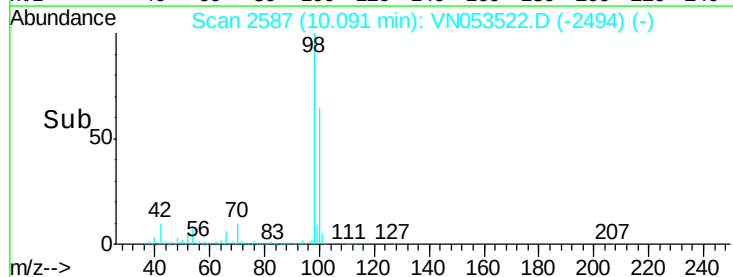
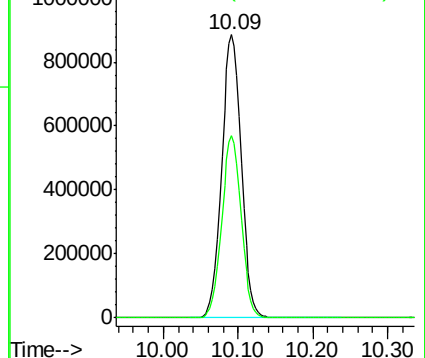
98 100

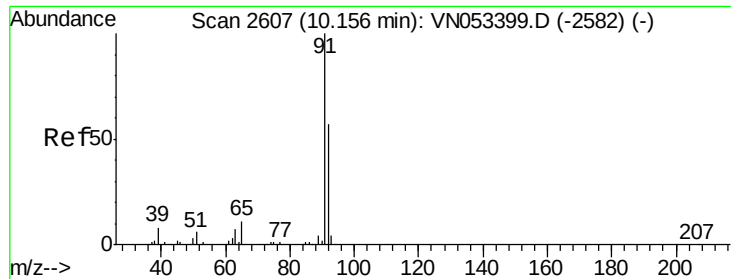
100 63.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 2.106 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053522.D

Acq: 22 Jan 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

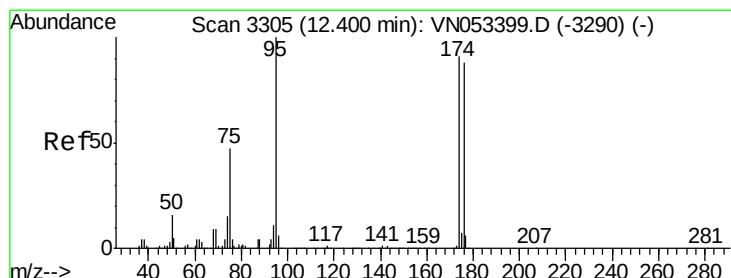
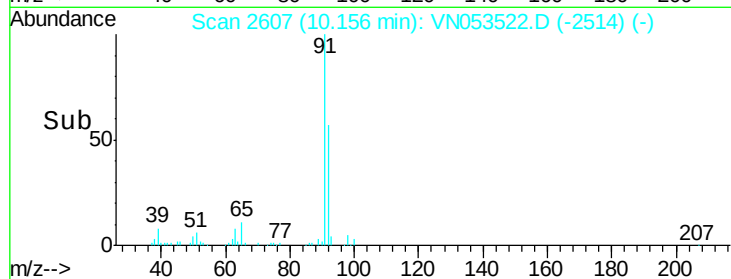
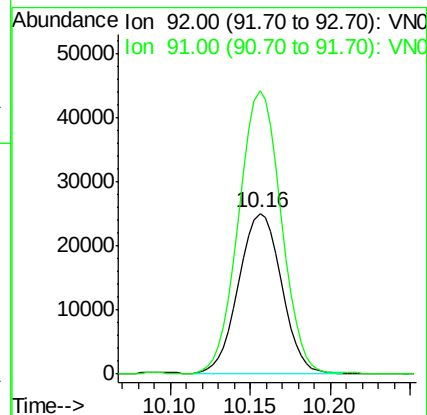
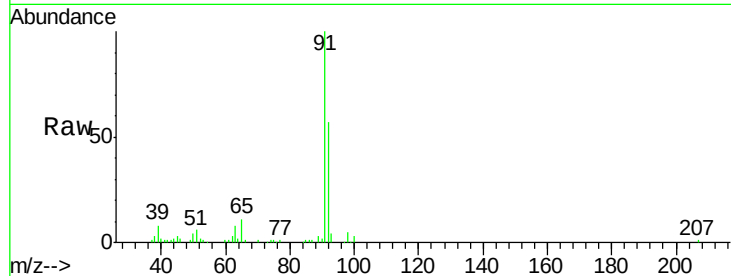
SA-TW530-4246

Tot Ion: 92 Resp: 46215

Ion Ratio Lower Upper

92 100

91 174.3 139.9 209.9



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053522.D

Acq: 22 Jan 2019 16:29

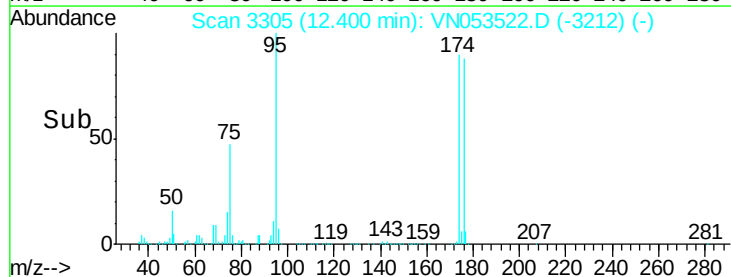
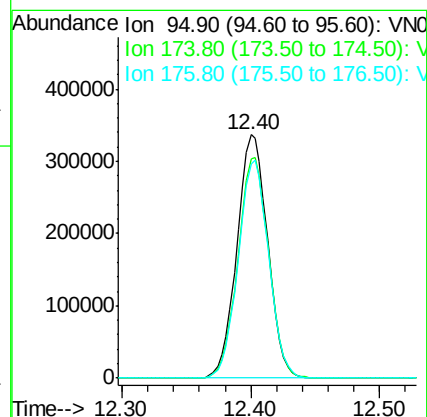
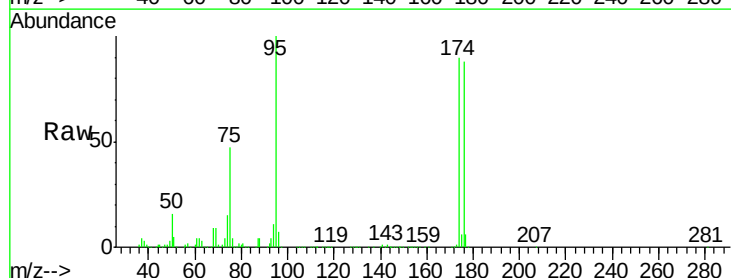
Tgt Ion: 95 Resp: 556963

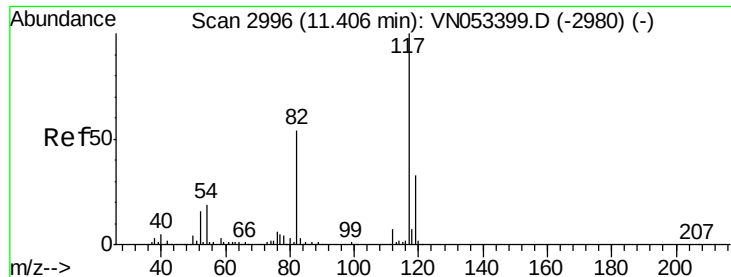
Ion Ratio Lower Upper

95 100

174 90.6 0.0 183.2

176 88.8 0.0 177.4

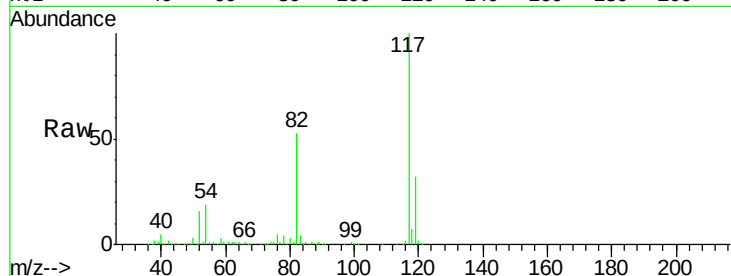




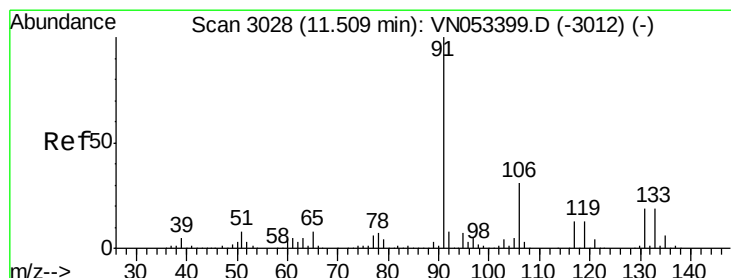
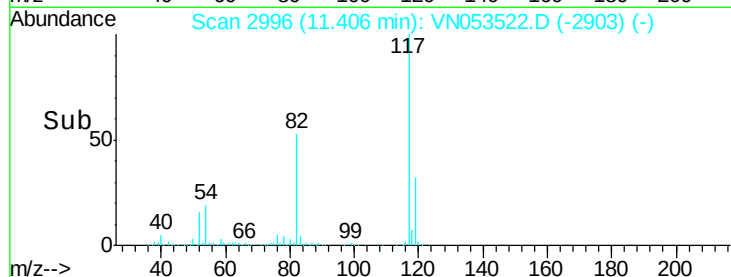
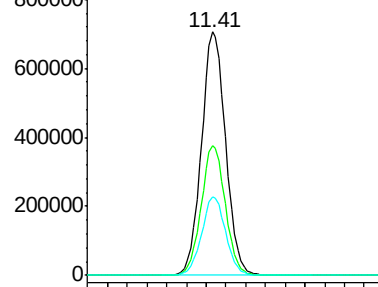
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053522.D
Acq: 22 Jan 2019 16:29

Instrument :
MSVOA_N
ClientSampleId :
SA-TW530-4246

Tot Ion:117 Resp: 1208856
Ion Ratio Lower Upper
117 100
82 53.3 42.9 64.3
119 32.4 26.0 39.0

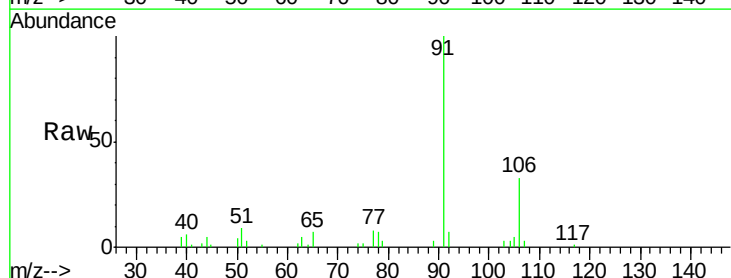


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

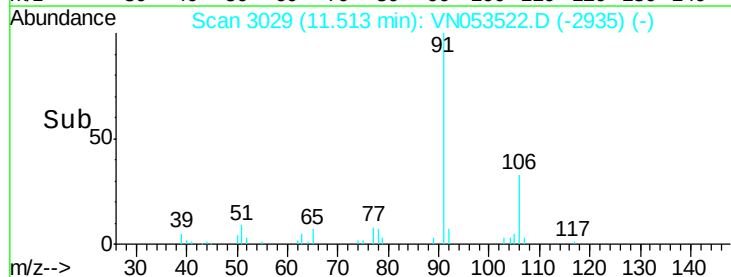
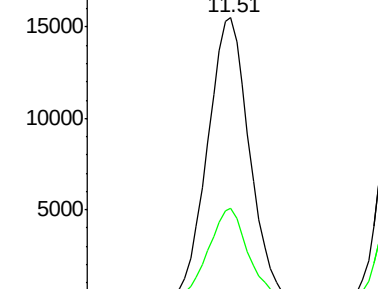


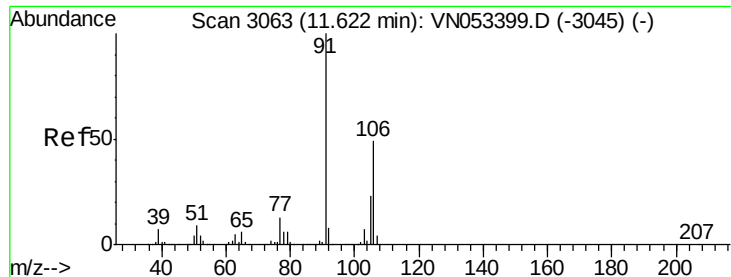
#67
Ethyl Benzene
Concen: 0.585 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053522.D
Acq: 22 Jan 2019 16:29

Tgt Ion: 91 Resp: 25529
Ion Ratio Lower Upper
91 100
106 32.7 25.0 37.6



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

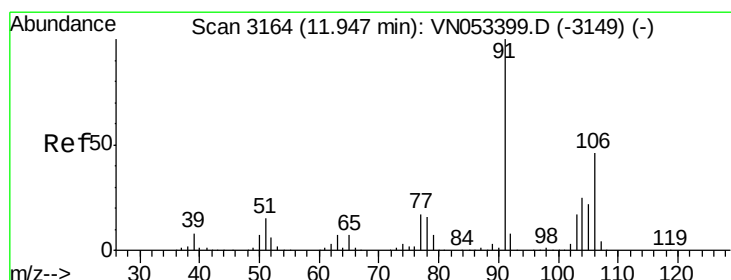
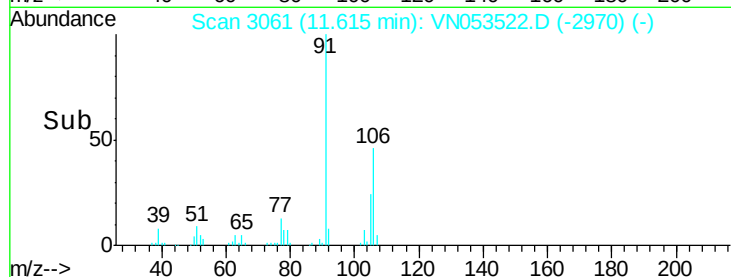
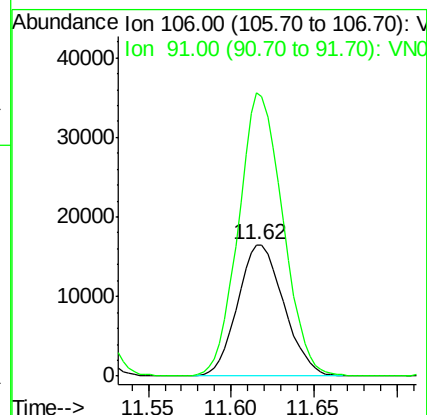
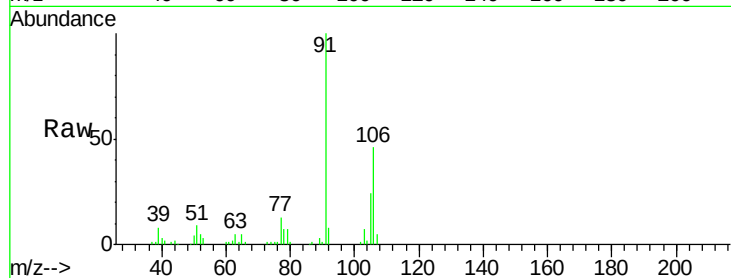




#68
m/p-Xylenes
Concen: 1.944 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053522.D
Acq: 22 Jan 2019 16:29

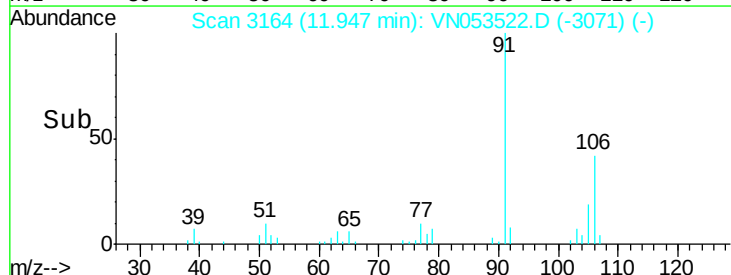
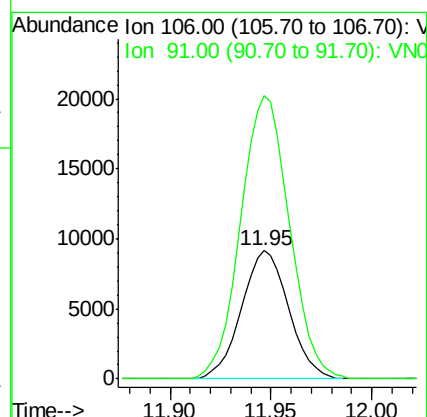
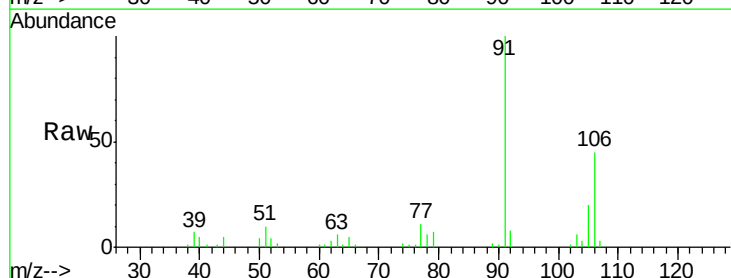
Instrument :
MSVOA_N
ClientSampled :
SA-TW530-4246

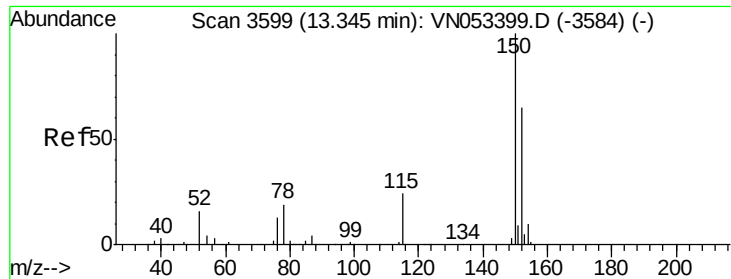
Tot Ion:106 Resp: 32001
Ion Ratio Lower Upper
106 100
91 206.7 161.4 242.2



#69
o-Xylene
Concen: 0.937 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053522.D
Acq: 22 Jan 2019 16:29

Tgt Ion:106 Resp: 14994
Ion Ratio Lower Upper
106 100
91 228.5 106.9 320.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053522.D

Acq: 22 Jan 2019 16:29

Instrument :

MSVOA_N

ClientSampled :

SA-TW530-4246

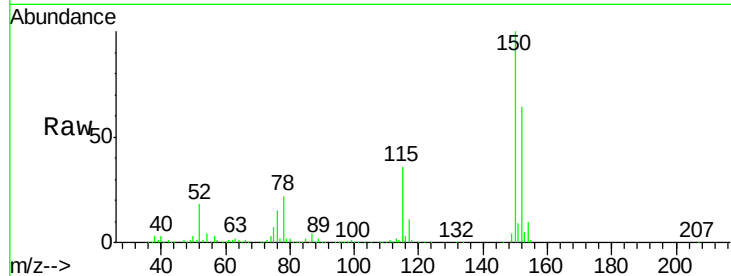
Tot Ion:152 Resp: 546045

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

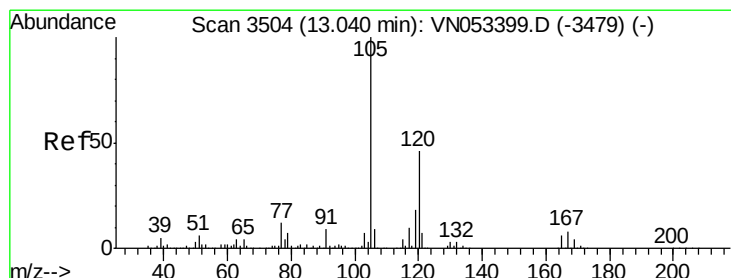
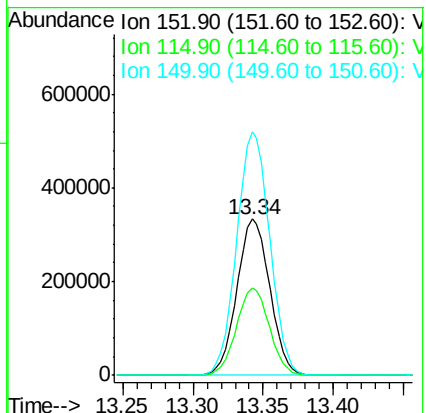
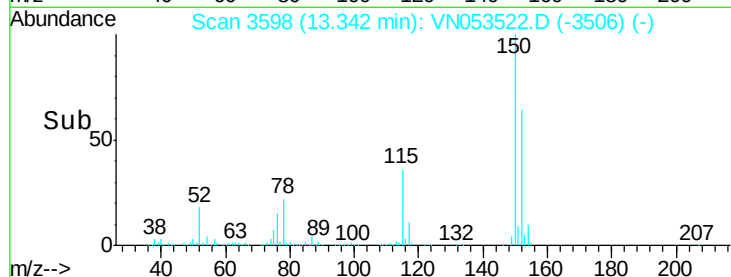
150 156.5 0.0 349.0



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



#84

1,2,4-Trimethylbenzene

Concen: 0.601 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053522.D

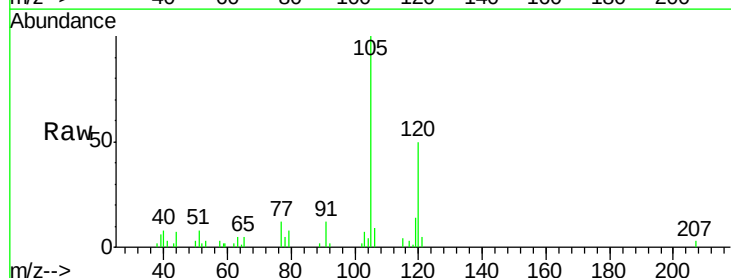
Acq: 22 Jan 2019 16:29

Tgt Ion:105 Resp: 19704

Ion Ratio Lower Upper

105 100

120 47.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

