

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042419\
 Data File : VN055222.D
 Acq On : 24 Apr 2019 12:46
 Operator : JC/SP
 Sample : K2542-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8

Quant Time: Apr 25 05:08:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

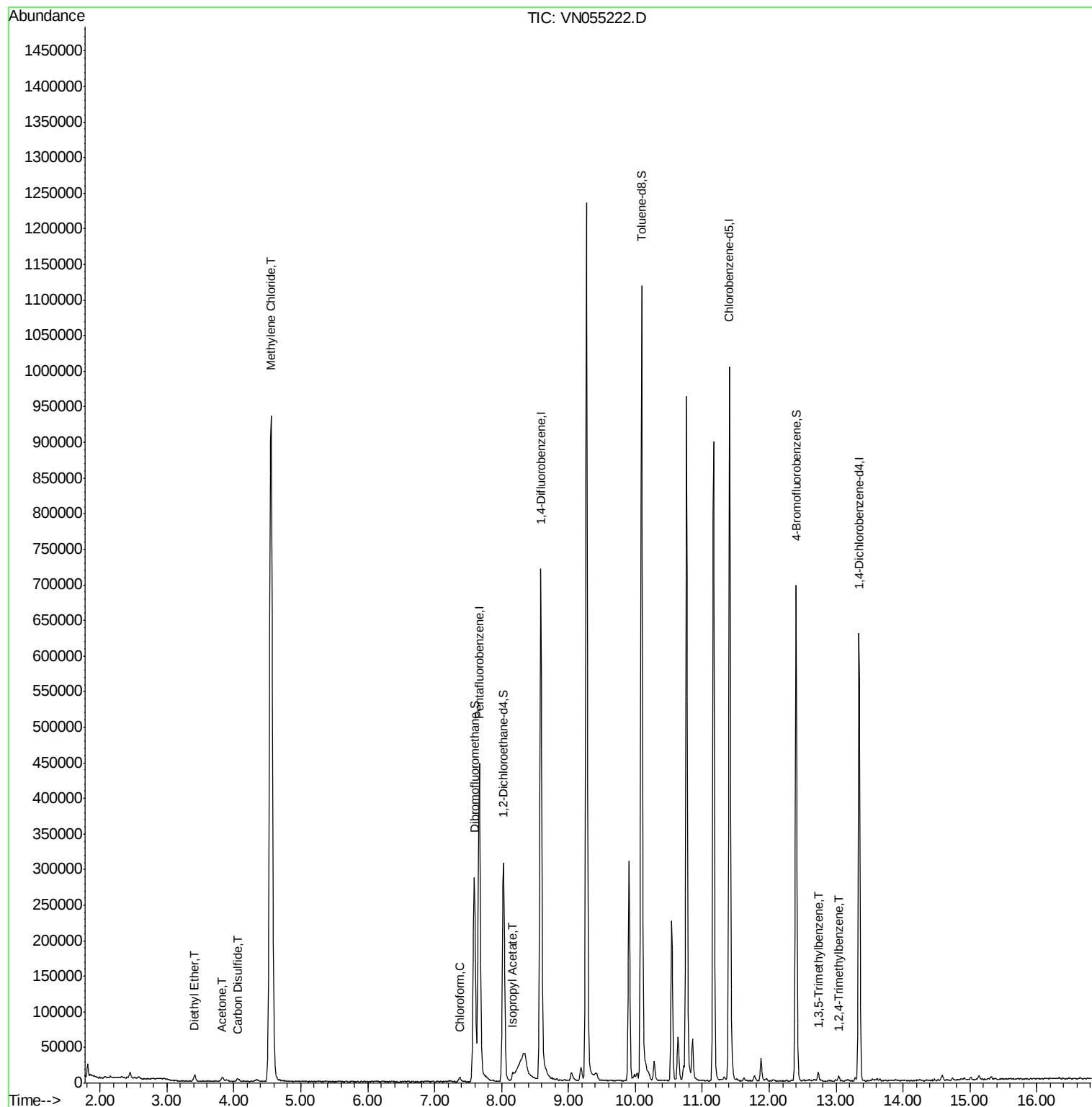
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	380415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	653443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	588195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	266867	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	7.59	113	215345	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	10.09	98	803138	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.40	95	241926	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
Target Compounds						
8) Diethyl Ether	3.41	74	4177	1.788	ug/l	87
16) Acetone	3.83	43	10745	6.313	ug/l	94
17) Carbon Disulfide	4.05	76	6528	0.597	ug/l #	90
20) Methylene Chloride	4.55	84	659634	134.799	ug/l	98
30) Chloroform	7.38	83	6461	0.819	ug/l	91
43) Isopropyl Acetate	8.17	43	19225	2.426	ug/l #	84
80) 1,3,5-Trimethylbenzene	12.73	105	6335	0.504	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	4785	0.404	ug/l	91

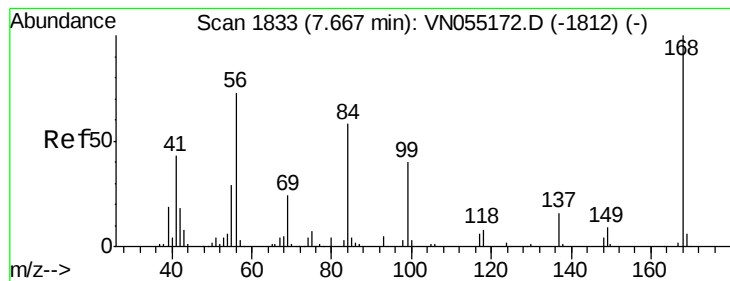
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042419\
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Quant Title : SW846 8260
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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: VN055222.D

Acq: 24 Apr 2019 12:46

Instrument :

MSVOA_N

ClientSampled :

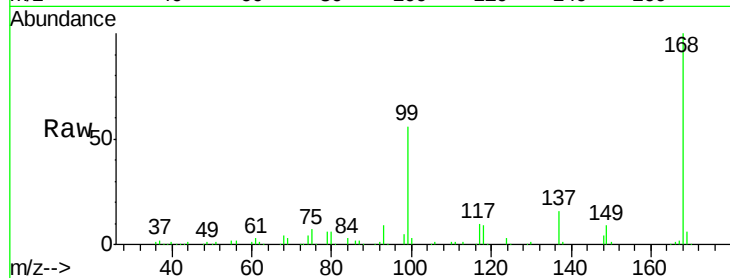
TP-8

Tot Ion:168 Resp: 380415

Ion Ratio Lower Upper

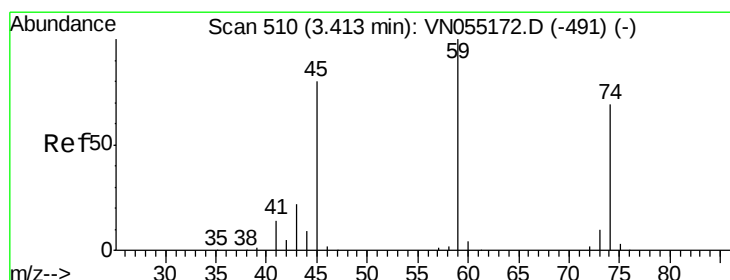
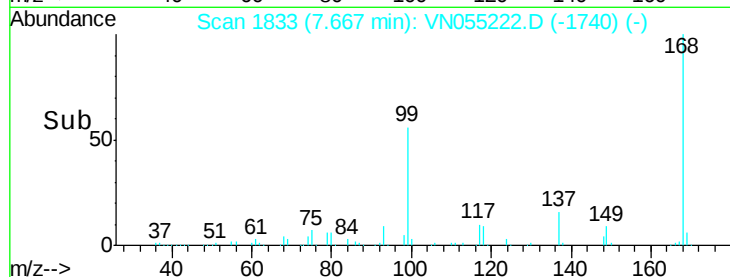
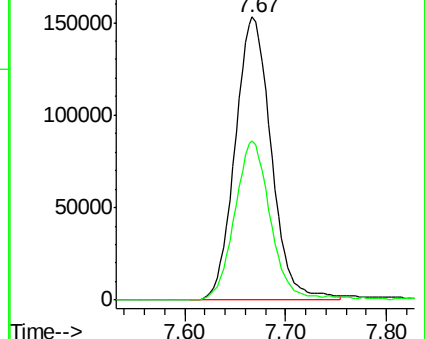
168 100

99 56.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#8

Diethyl Ether

Concen: 1.788 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN055222.D

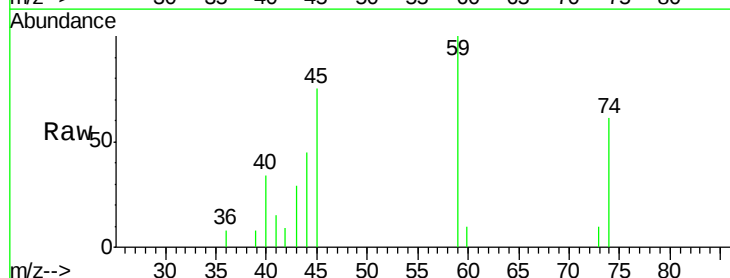
Acq: 24 Apr 2019 12:46

Tgt Ion: 74 Resp: 4177

Ion Ratio Lower Upper

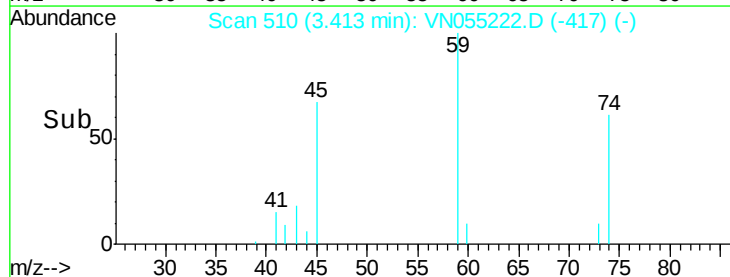
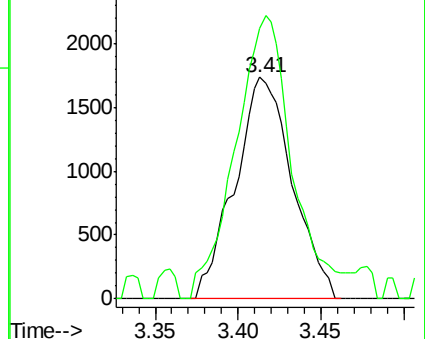
74 100

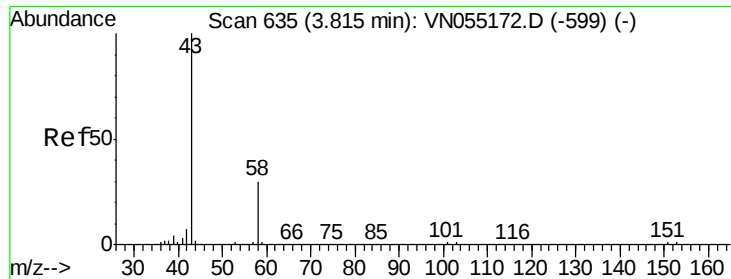
45 127.4 56.9 170.6



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#16

Acetone

Concen: 6.313 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055222.D

Acq: 24 Apr 2019 12:46

Instrument :

MSVOA_N

ClientSampled :

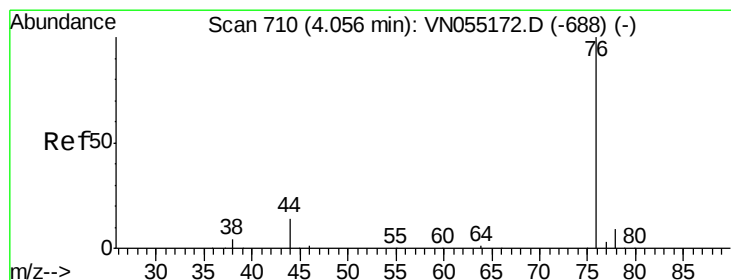
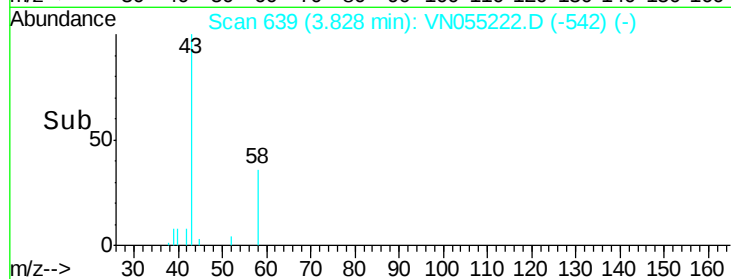
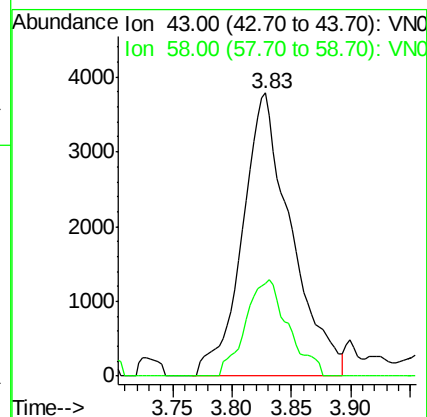
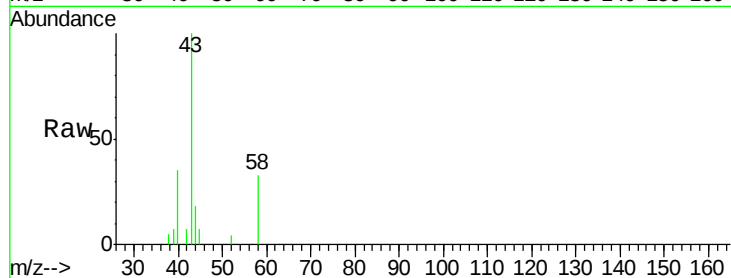
TP-8

Tot Ion: 43 Resp: 10745

Ion Ratio Lower Upper

43 100

58 32.9 23.8 35.8



#17

Carbon Disulfide

Concen: 0.597 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055222.D

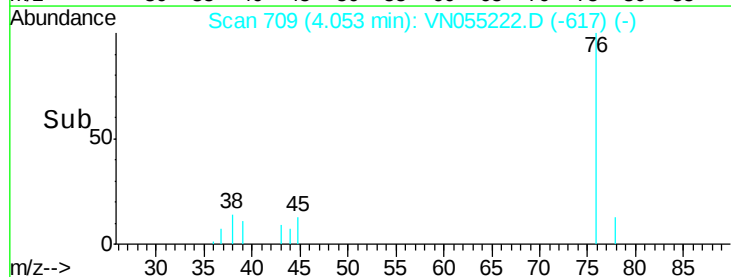
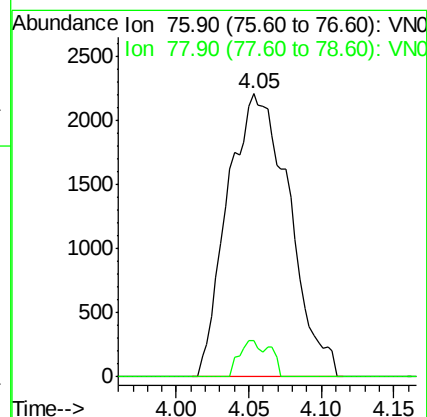
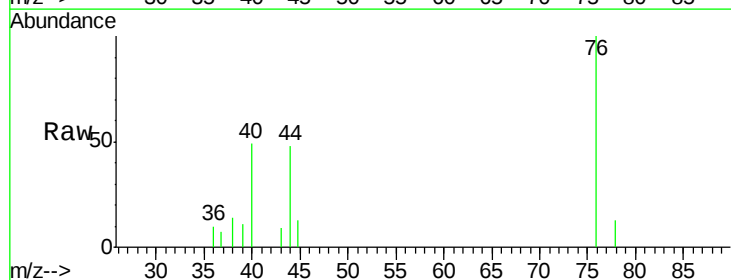
Acq: 24 Apr 2019 12:46

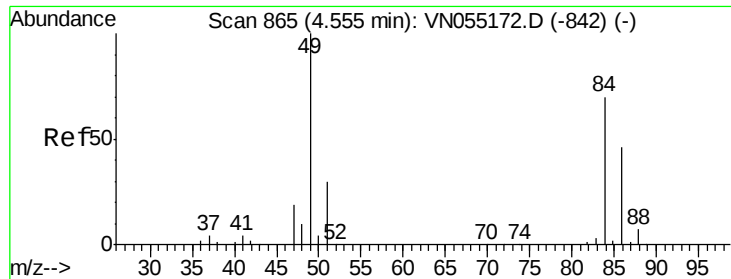
Tgt Ion: 76 Resp: 6528

Ion Ratio Lower Upper

76 100

78 12.9 7.3 10.9#

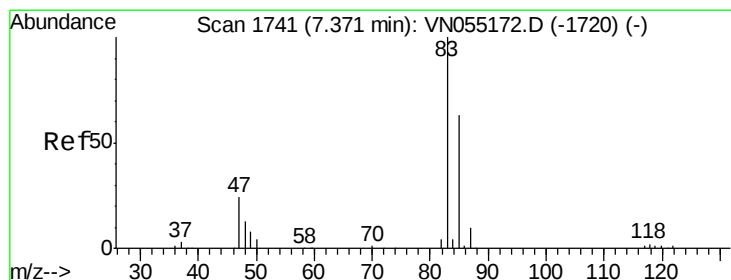
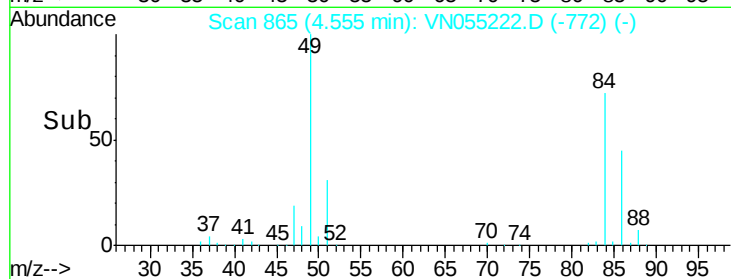
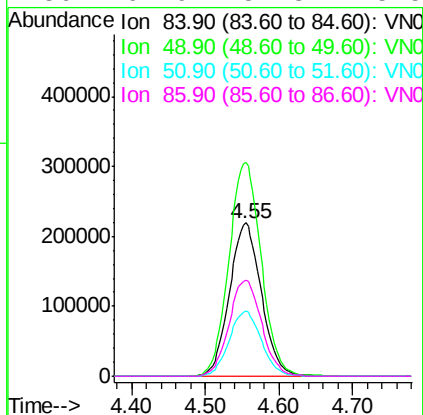
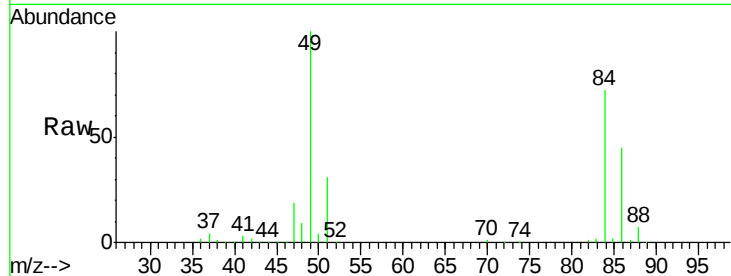




#20
Methylene Chloride
Concen: 134.799 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055222.D
Acq: 24 Apr 2019 12:46

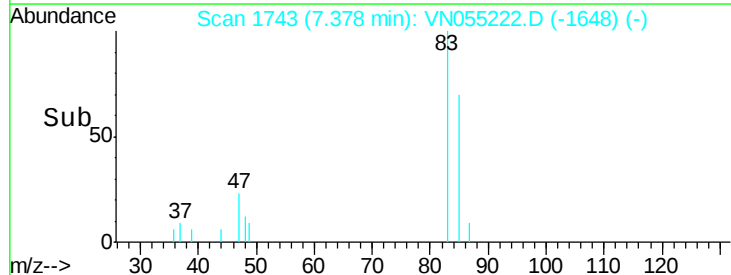
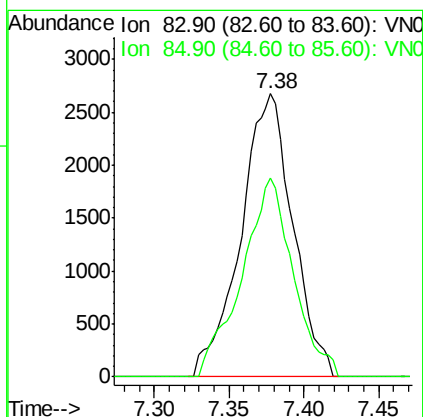
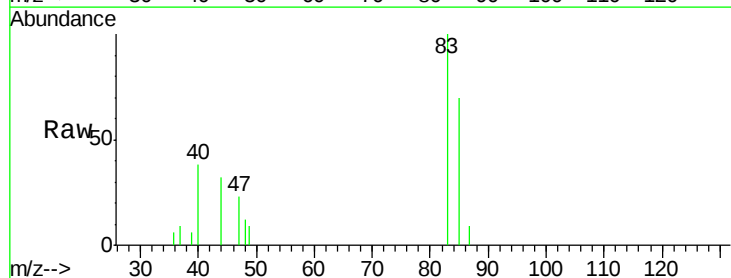
Instrument :
MSVOA_N
ClientSampled :
TP-8

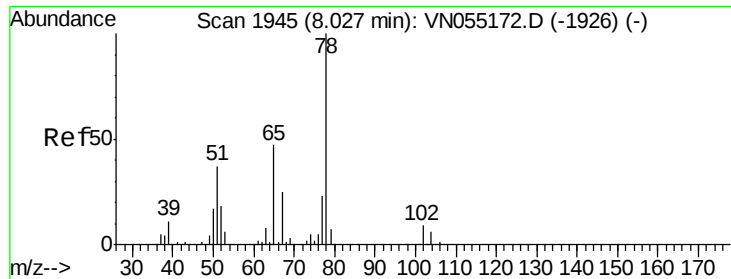
Tot Ion: 84 Resp: 659634
Ion Ratio Lower Upper
84 100
49 139.4 113.8 170.6
51 42.9 34.0 51.0
86 62.9 52.3 78.5



#30
Chloroform
Concen: 0.819 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN055222.D
Acq: 24 Apr 2019 12:46

Tgt Ion: 83 Resp: 6461
Ion Ratio Lower Upper
83 100
85 70.4 50.6 76.0

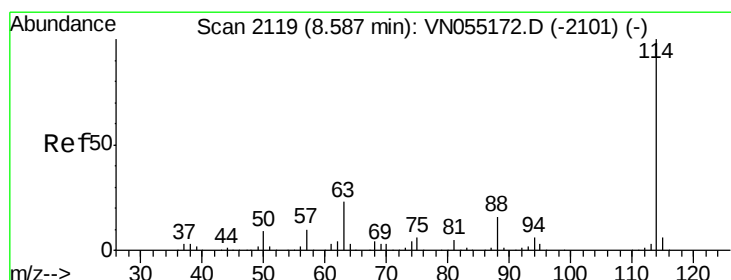
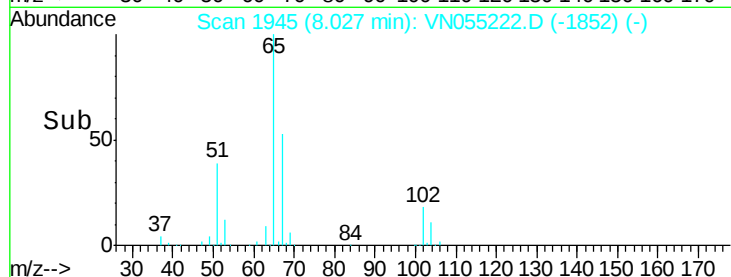
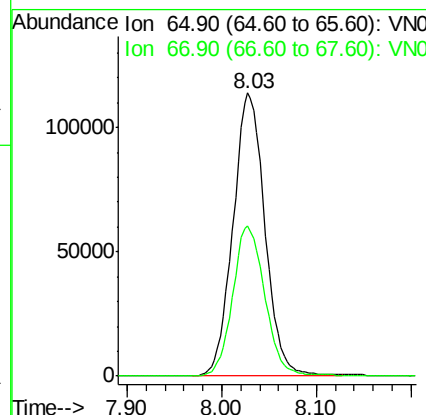
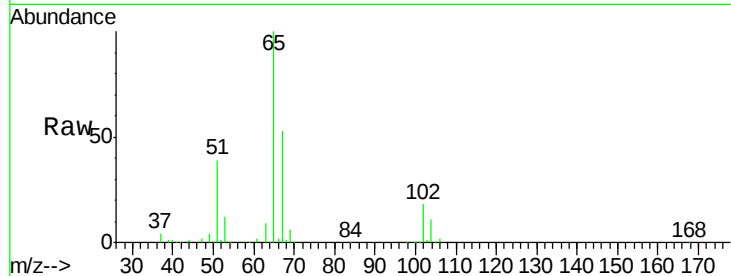




#33
 1,2-Dichloroethane-d4
 Concen: 51.829 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055222.D
 Acq: 24 Apr 2019 12:46

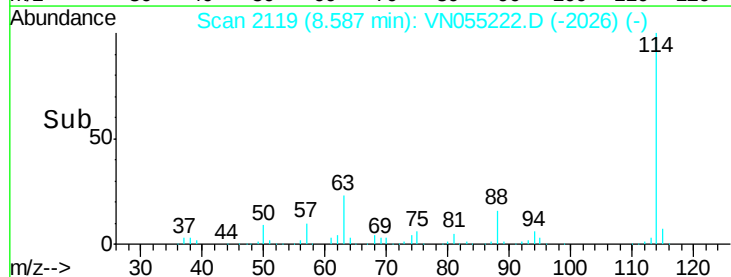
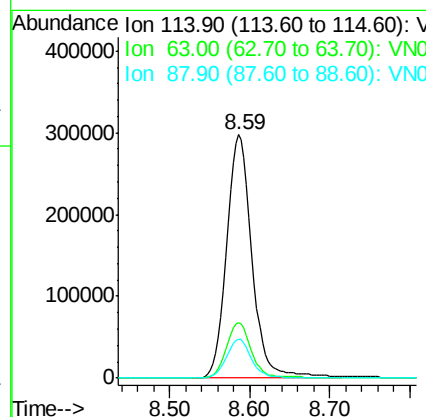
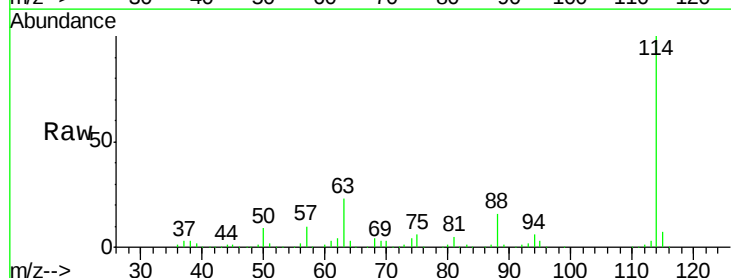
Instrument :
 MSVOA_N
 ClientSampled :
 TP-8

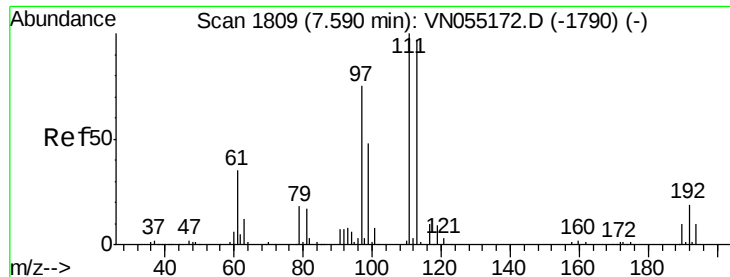
Tot Ion: 65 Resp: 266867
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055222.D
 Acq: 24 Apr 2019 12:46

Tgt Ion: 114 Resp: 653443
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.2
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.510 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055222.D

Acq: 24 Apr 2019 12:46

Instrument :
MSVOA_N
ClientSampleId :
TP-8

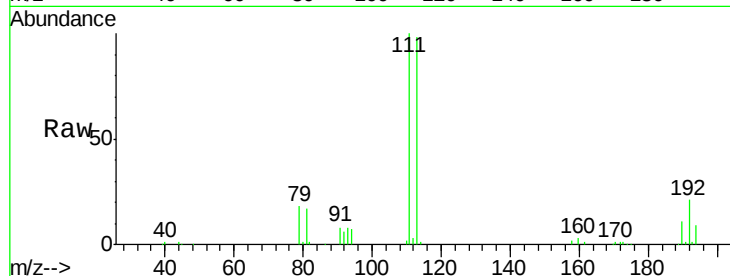
Tot Ion:113 Resp: 215345

Ion Ratio Lower Upper

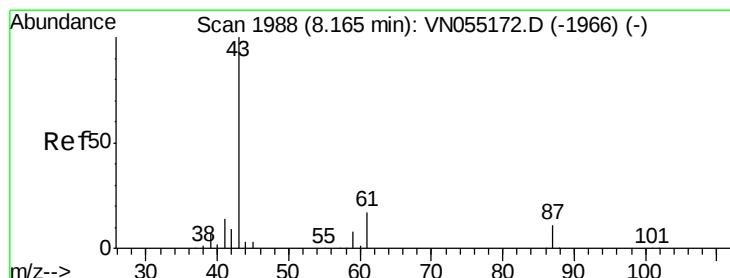
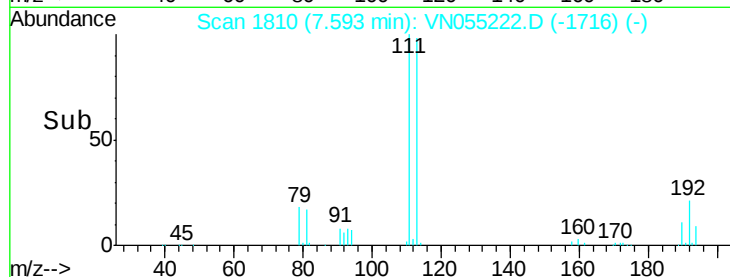
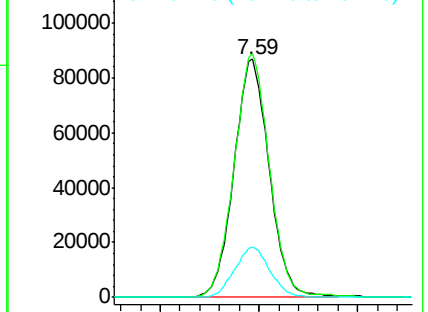
113 100

111 101.8 81.0 121.4

192 21.1 16.2 24.4



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



#43

Isopropyl Acetate

Concen: 2.426 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055222.D

Acq: 24 Apr 2019 12:46

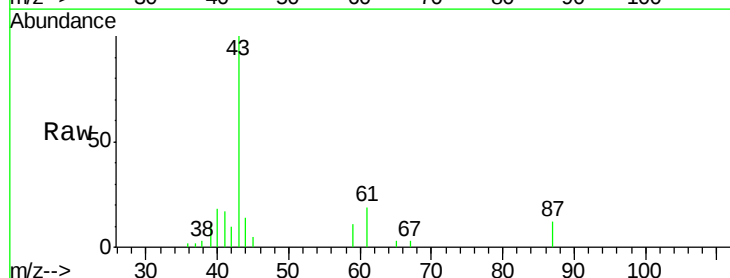
Tgt Ion: 43 Resp: 19225

Ion Ratio Lower Upper

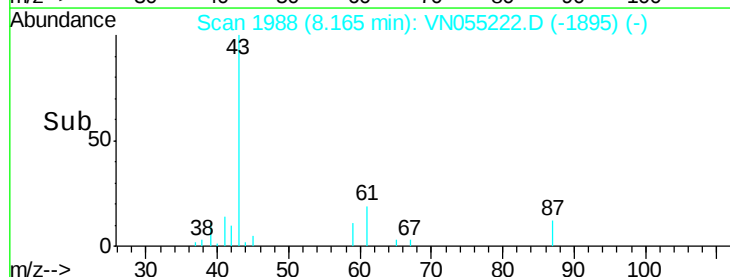
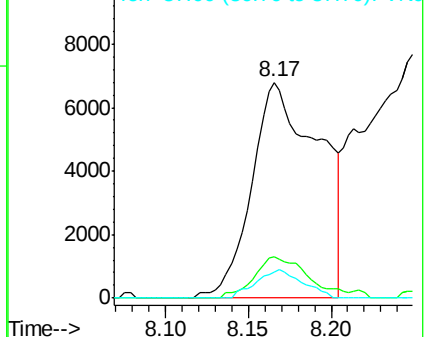
43 100

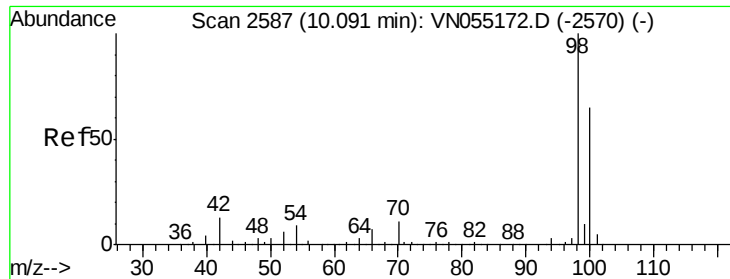
61 15.3 20.6 30.8#

87 9.1 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.830 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055222.D

Acq: 24 Apr 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

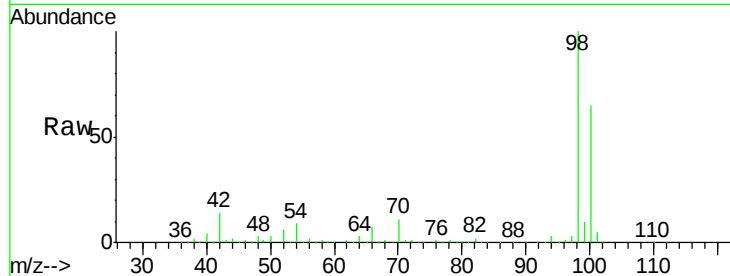
TP-8

Tot Ion: 98 Resp: 803138

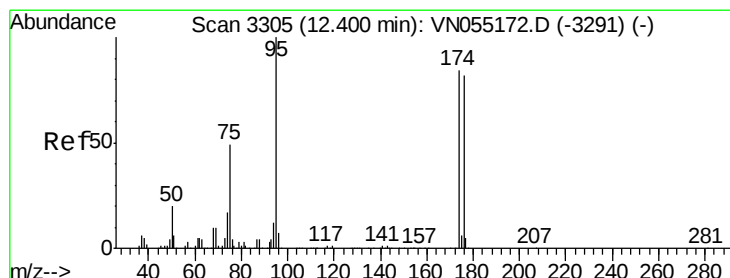
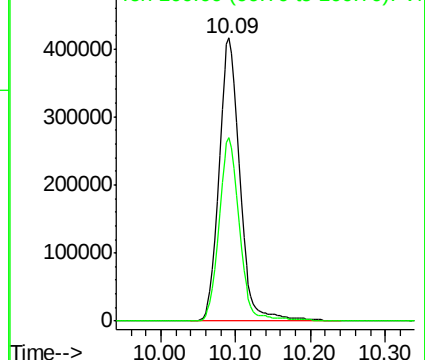
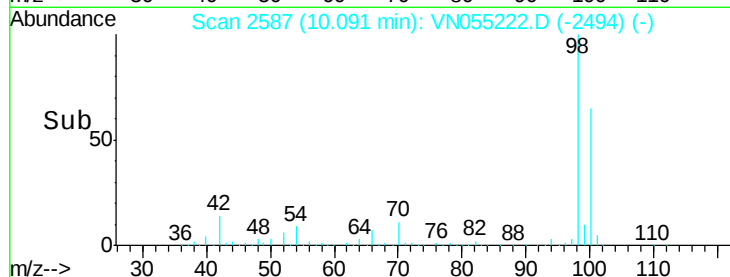
Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN055222.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: 46.448 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055222.D

Acq: 24 Apr 2019 12:46

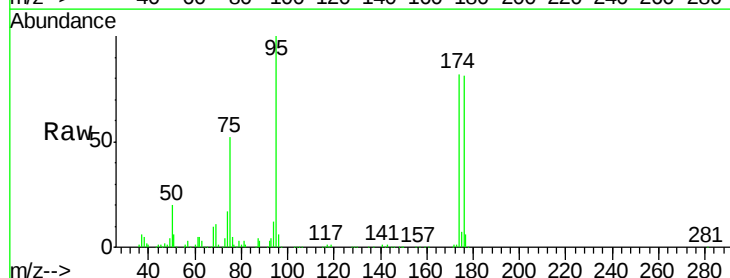
Tgt Ion: 95 Resp: 241926

Ion Ratio Lower Upper

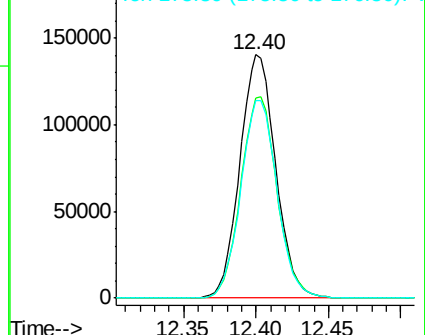
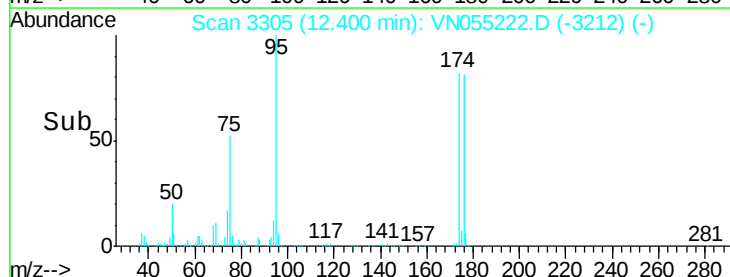
95 100

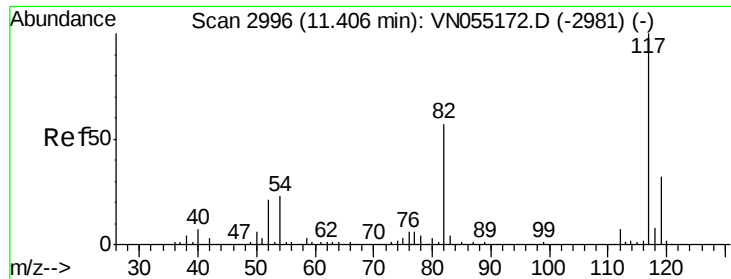
174 83.6 0.0 168.4

176 82.2 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VN055222.D (-3212) (-)

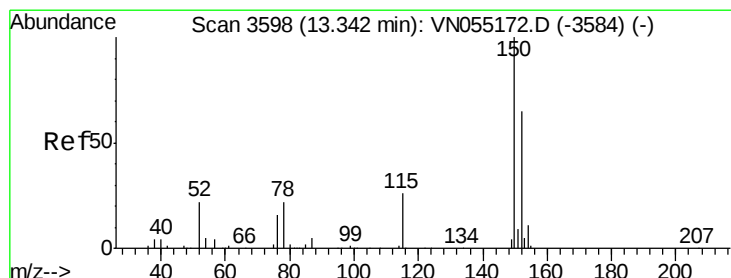
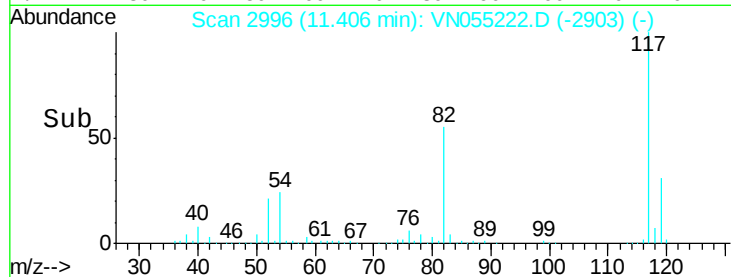
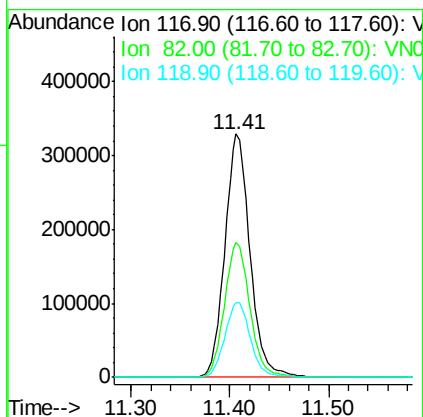
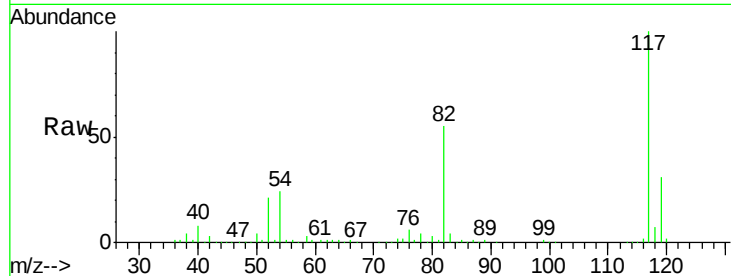




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055222.D
Acq: 24 Apr 2019 12:46

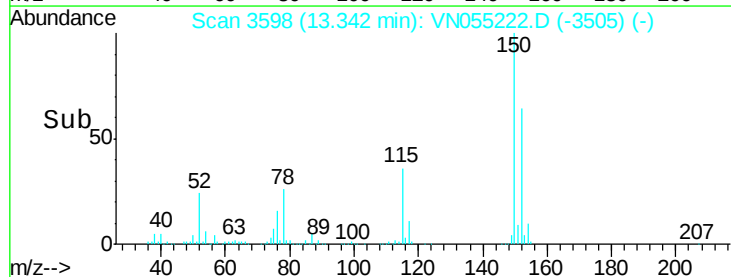
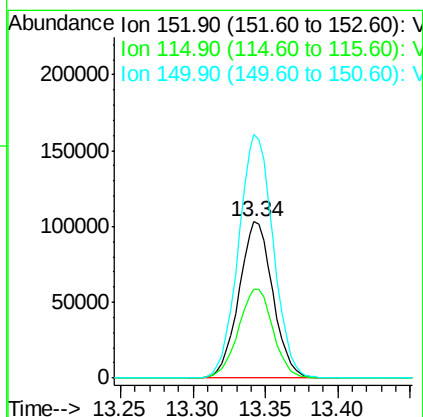
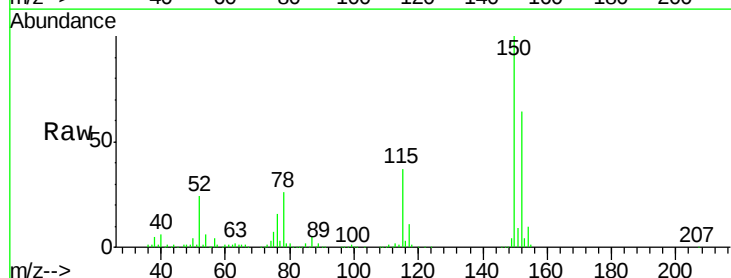
Instrument :
MSVOA_N
ClientSampled :
TP-8

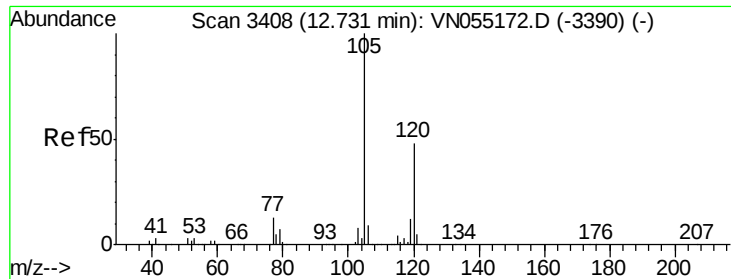
Tot Ion:117 Resp: 588195
Ion Ratio Lower Upper
117 100
82 55.4 45.7 68.5
119 30.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055222.D
Acq: 24 Apr 2019 12:46

Tgt Ion:152 Resp: 167857
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.7
150 159.6 0.0 346.6





#80

1,3,5-Trimethylbenzene

Concen: 0.504 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055222.D

Acq: 24 Apr 2019 12:46

Instrument :

MSVOA_N

ClientSampled :

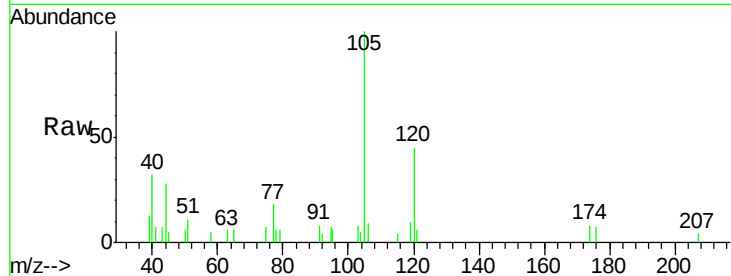
TP-8

Tot Ion:105 Resp: 6335

Ion Ratio Lower Upper

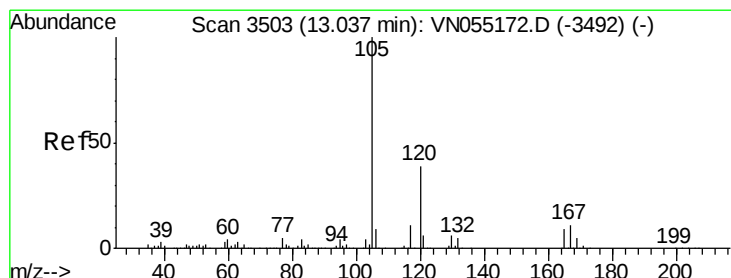
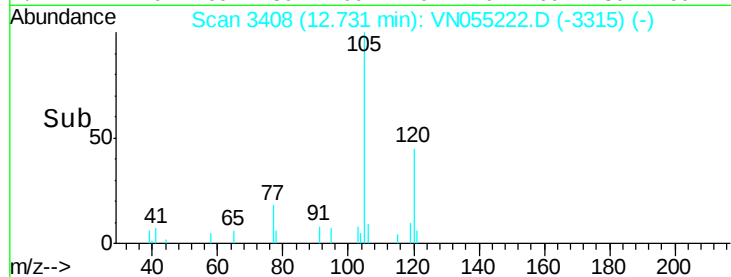
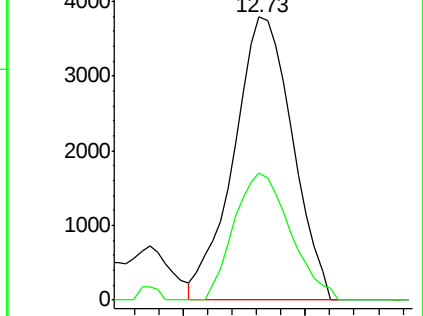
105 100

120 43.0 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.404 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055222.D

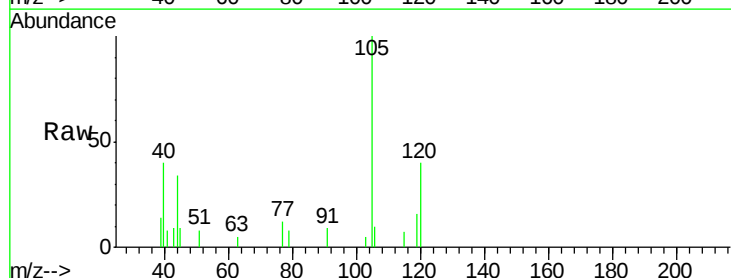
Acq: 24 Apr 2019 12:46

Tgt Ion:105 Resp: 4785

Ion Ratio Lower Upper

105 100

120 39.5 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

