

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053551.D
 Acq On : 28 Jan 2019 17:42
 Operator : JC/SP
 Sample : PB116640ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116640ZHE#07

Quant Time: Jan 29 08:25:00 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

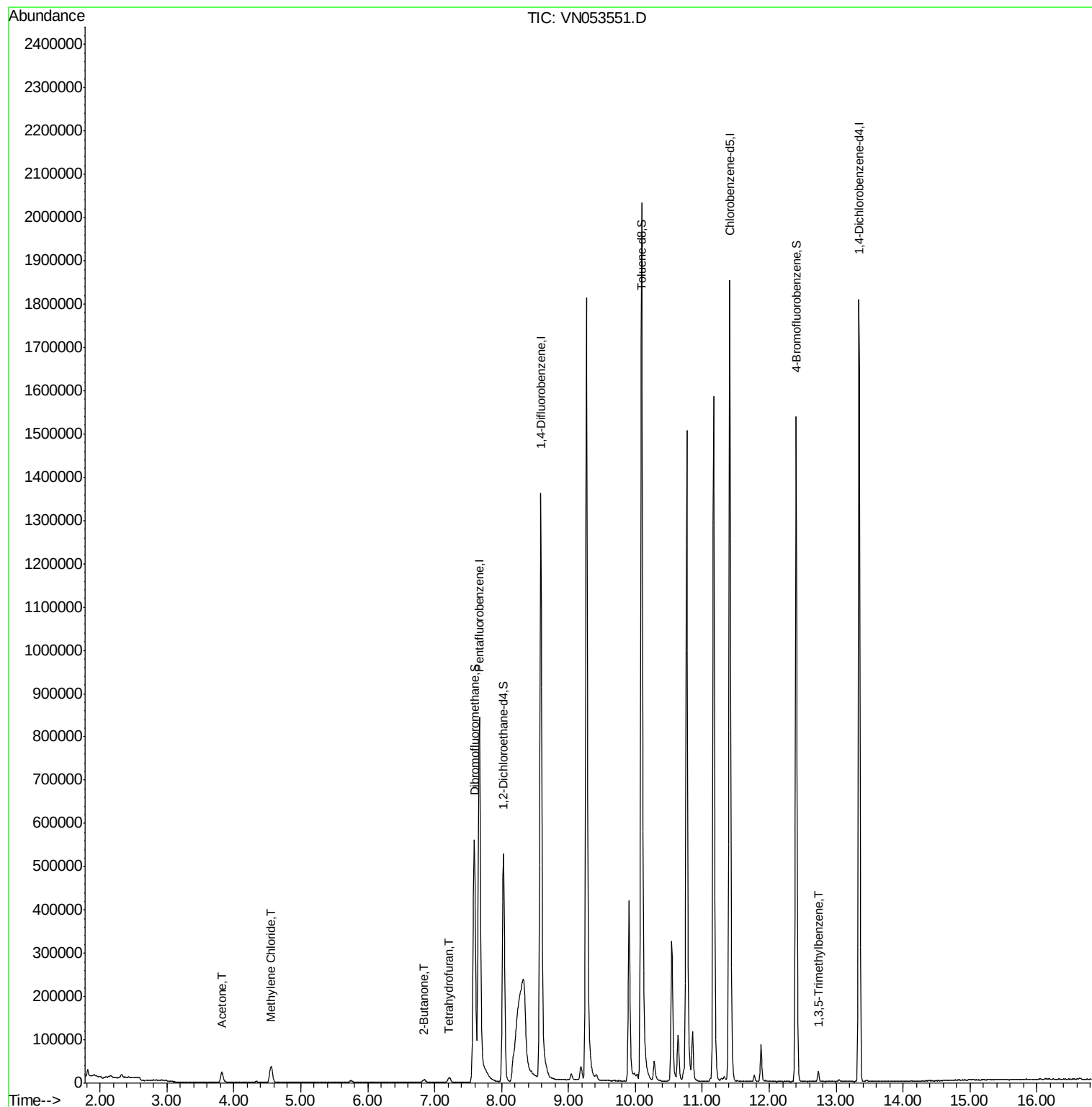
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	858810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1398572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1244157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	524188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	444700	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
35) Dibromofluoromethane	7.59	113	436366	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
50) Toluene-d8	10.09	98	1660469	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.40	95	547044	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
Target Compounds						
16) Acetone	3.82	43	39773	19.971	ug/l	97
20) Methylene Chloride	4.55	84	28314	3.114	ug/l	98
25) 2-Butanone	6.84	43	9615	3.133	ug/l	90
29) Tetrahydrofuran	7.22	42	10110	5.060	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	12089	0.387	ug/l	98

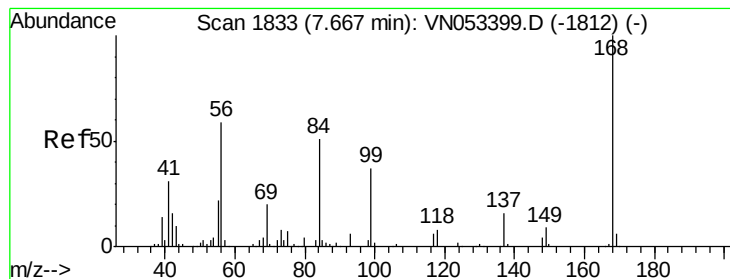
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012819\
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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: VN053551.D

Acq: 28 Jan 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

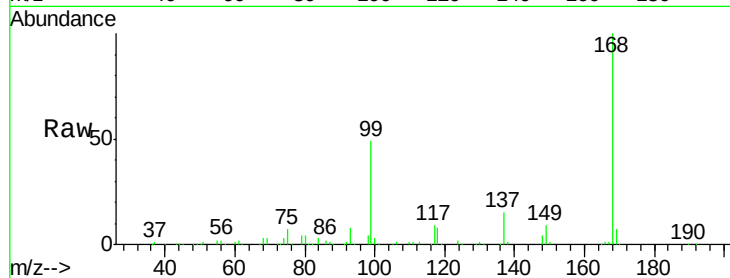
PB116640ZHE#07

Tot Ion:168 Resp: 858810

Ion Ratio Lower Upper

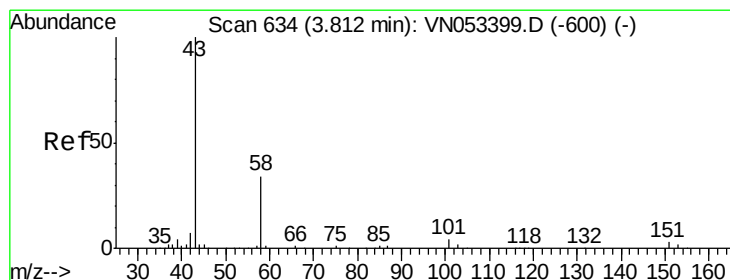
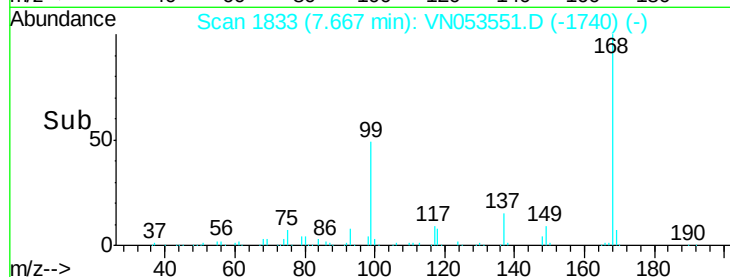
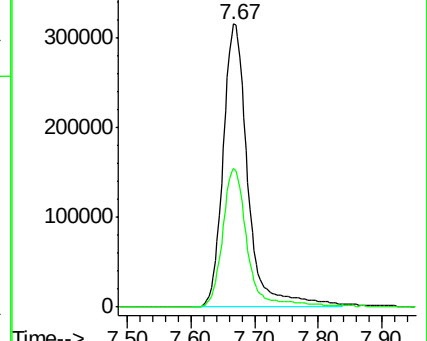
168 100

99 48.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 19.971 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053551.D

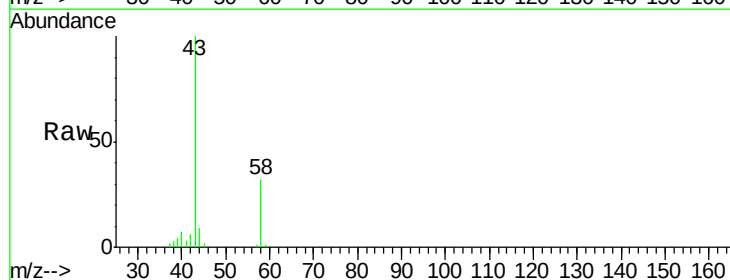
Acq: 28 Jan 2019 17:42

Tgt Ion: 43 Resp: 39773

Ion Ratio Lower Upper

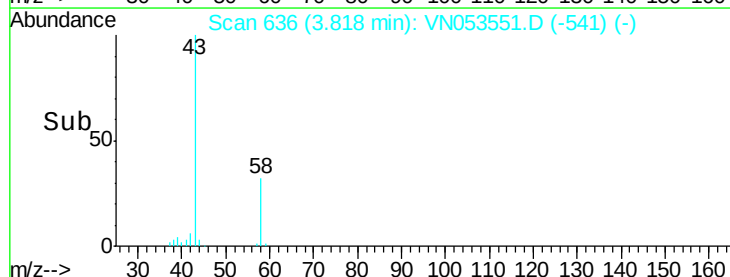
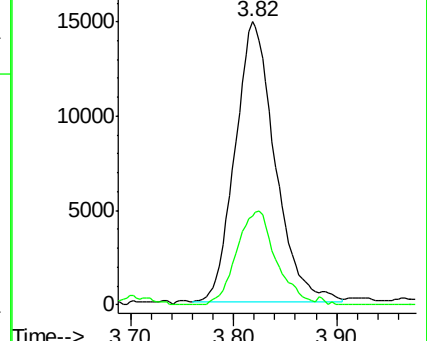
43 100

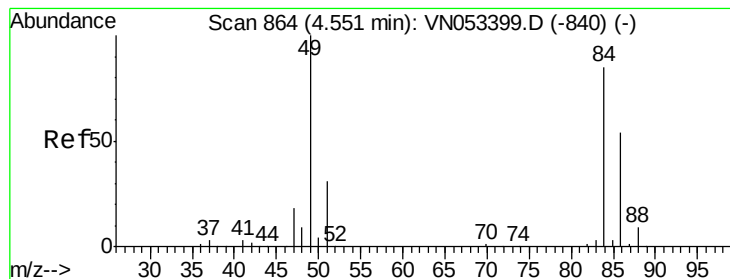
58 32.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methvlene Chloride

Concen: 3.114 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#07

Tot Ion: 84 Resp: 28314

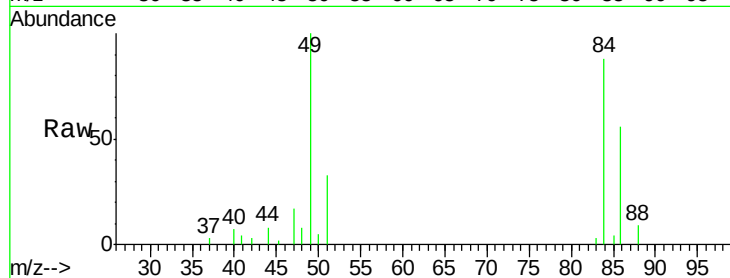
Ion Ratio Lower Upper

84 100

49 113.9 94.3 141.5

51 37.3 29.4 44.2

86 63.6 51.4 77.0

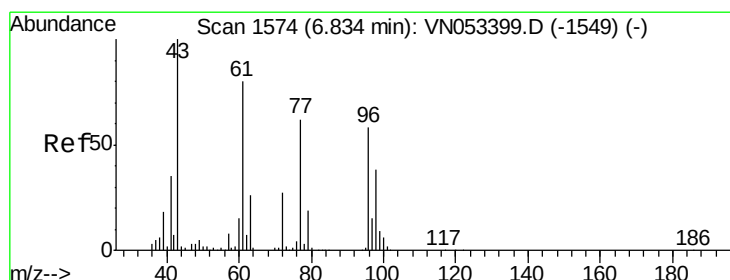
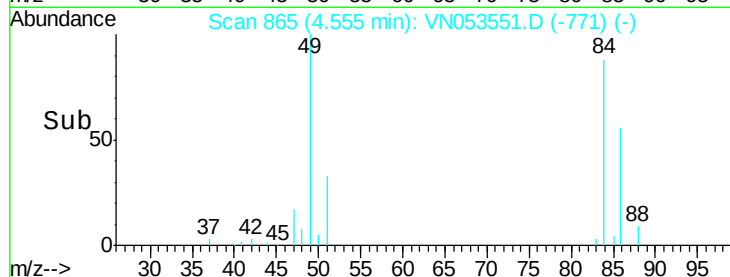
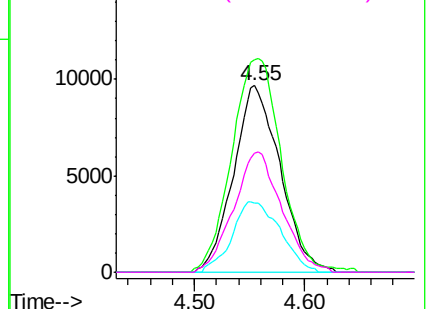


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 3.133 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN053551.D

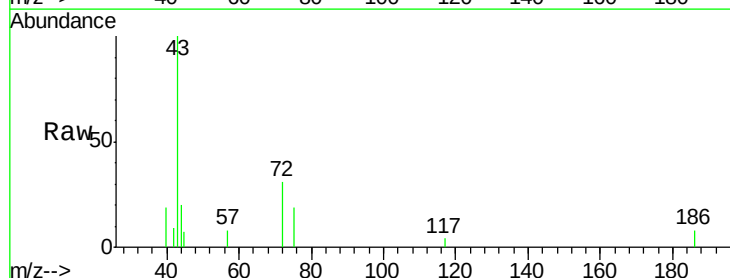
Acq: 28 Jan 2019 17:42

Tgt Ion: 43 Resp: 9615

Ion Ratio Lower Upper

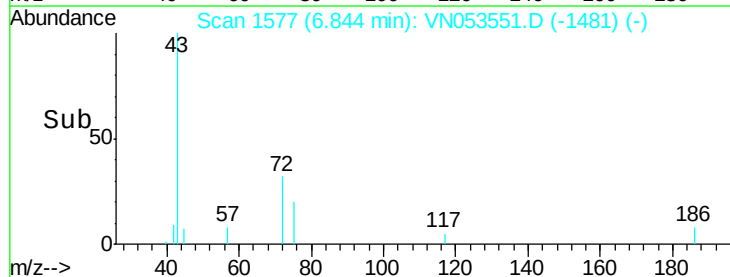
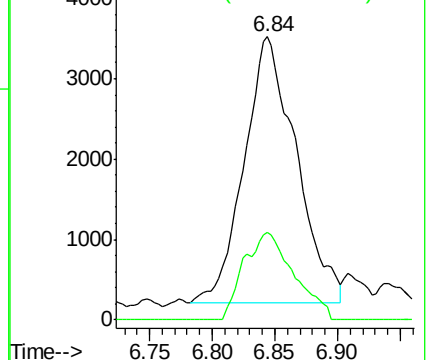
43 100

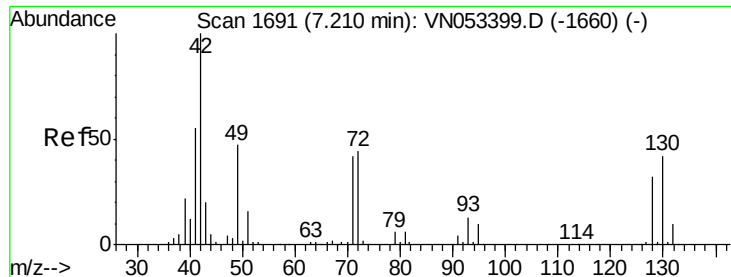
72 32.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 5.060 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#07

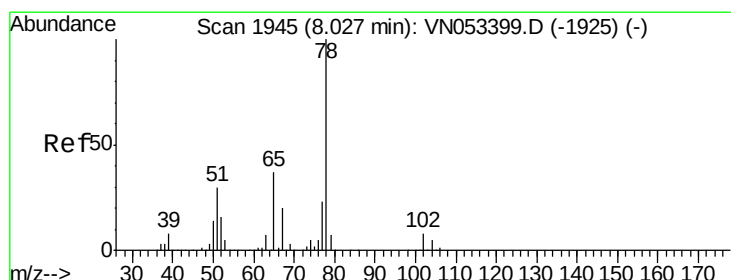
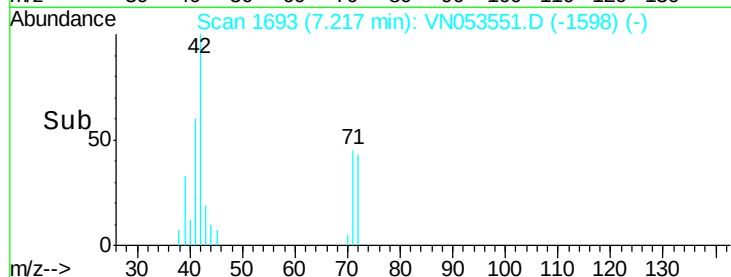
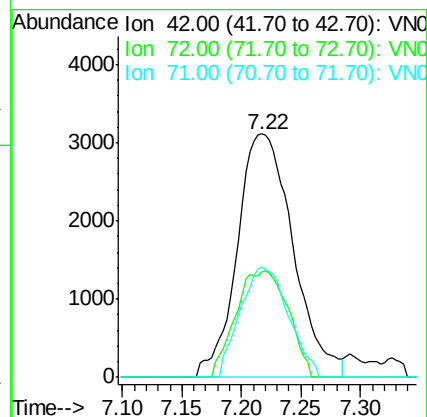
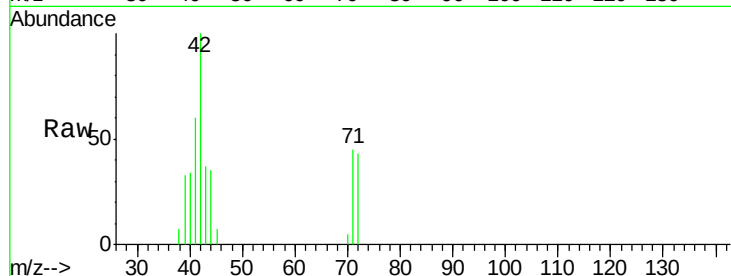
Tot Ion: 42 Resp: 10110

Ion Ratio Lower Upper

42 100

72 40.9 35.2 52.8

71 39.0 33.0 49.4



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053551.D

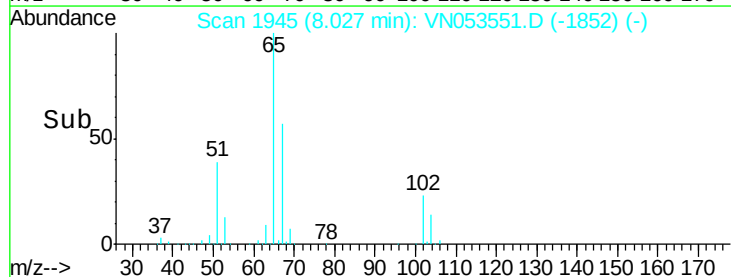
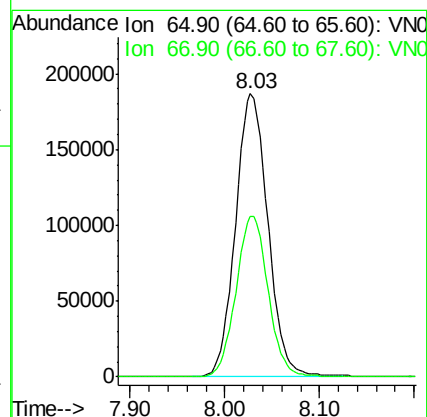
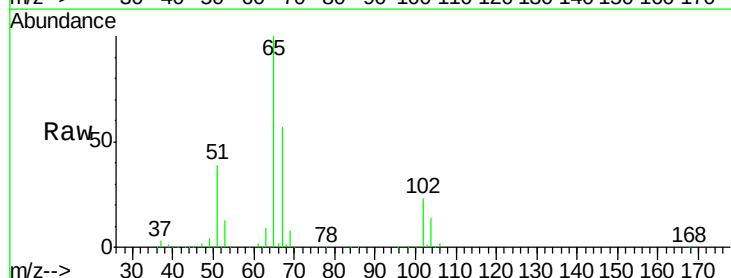
Acq: 28 Jan 2019 17:42

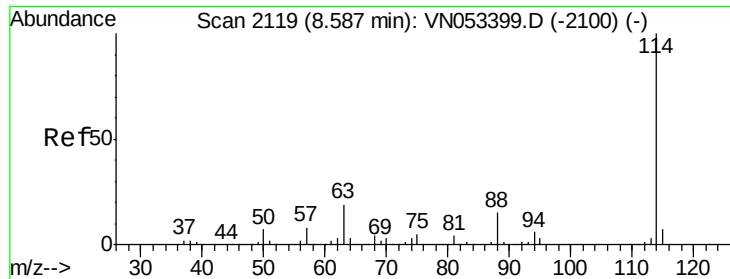
Tgt Ion: 65 Resp: 444700

Ion Ratio Lower Upper

65 100

67 56.3 0.0 111.2

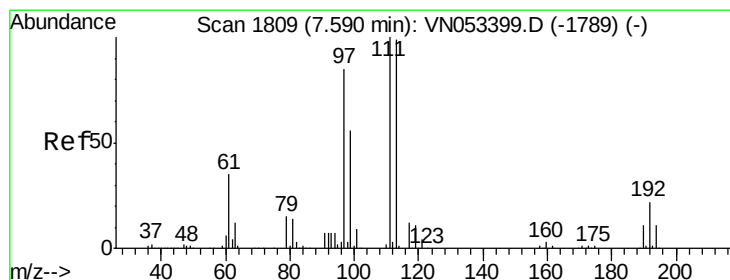
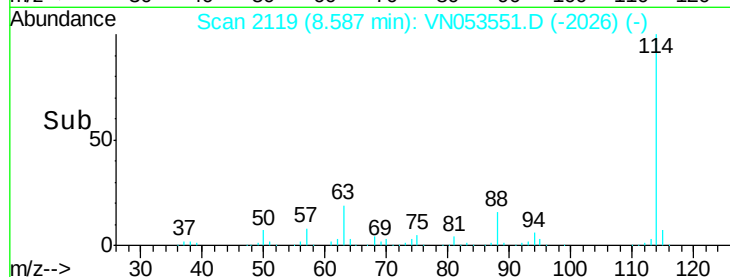
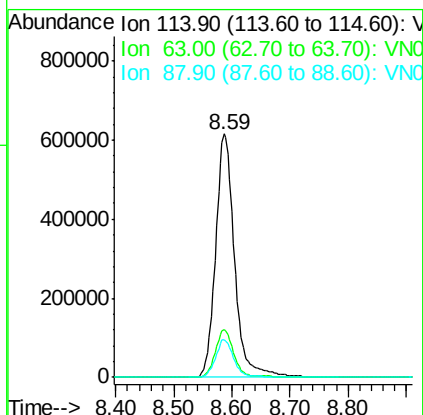
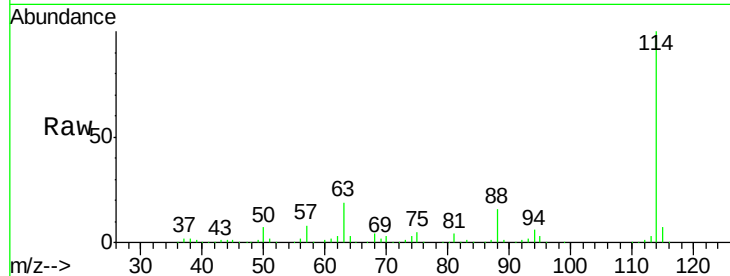




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053551.D
 Acq: 28 Jan 2019 17:42

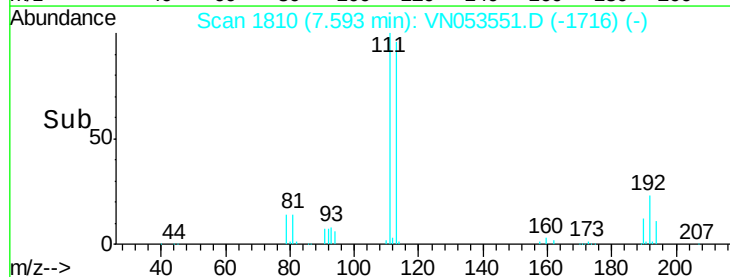
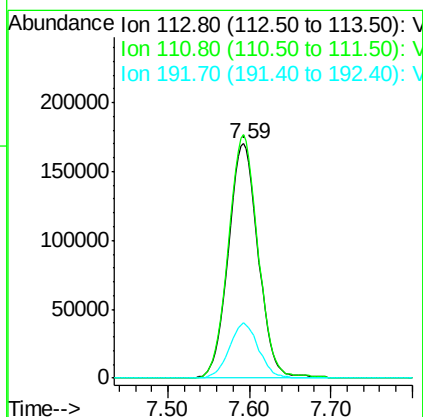
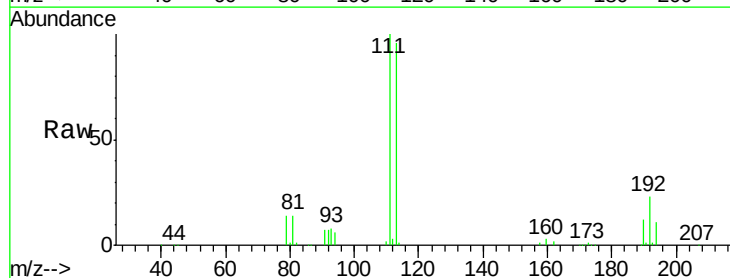
Instrument :
 MSVOA_N
 ClientSampleId :
 PB116640ZHE#07

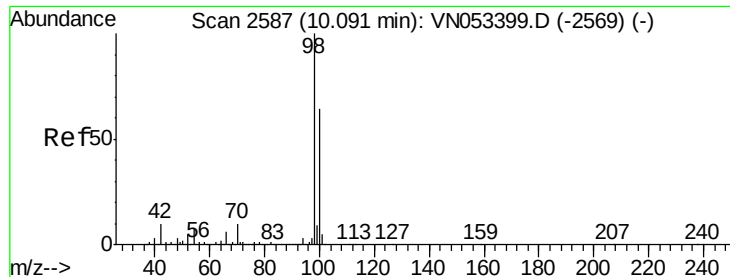
Tot Ion:114 Resp: 1398572
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.6 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053551.D
 Acq: 28 Jan 2019 17:42

Tgt Ion:113 Resp: 436366
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.1 121.7
 192 23.0 18.2 27.2





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

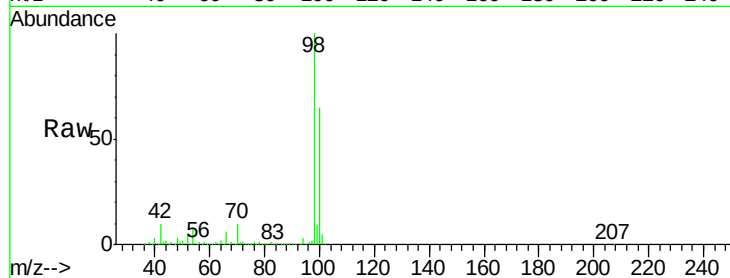
PB116640ZHE#07

Tot Ion: 98 Resp: 1660469

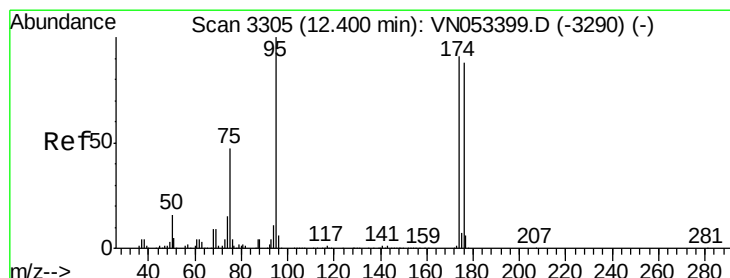
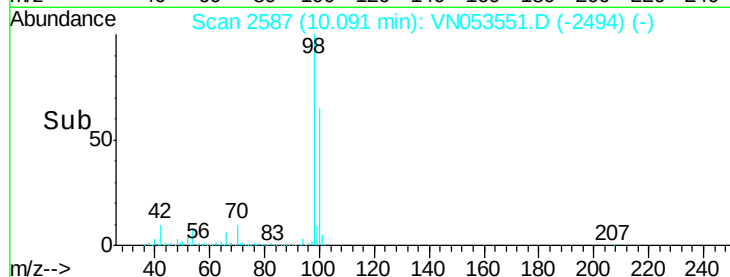
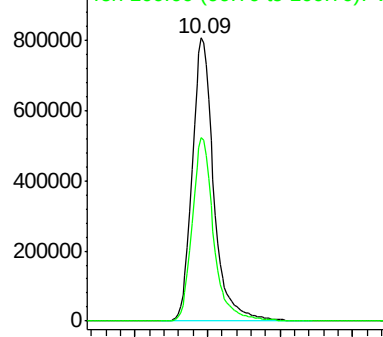
Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053399.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

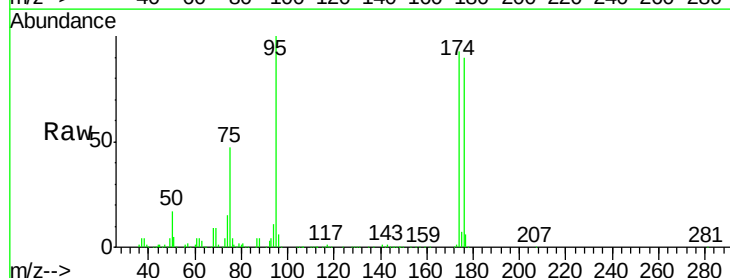
Tgt Ion: 95 Resp: 547044

Ion Ratio Lower Upper

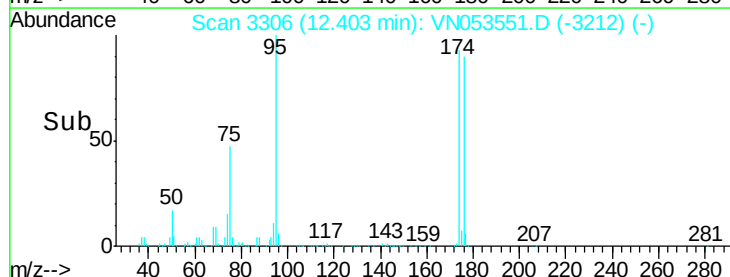
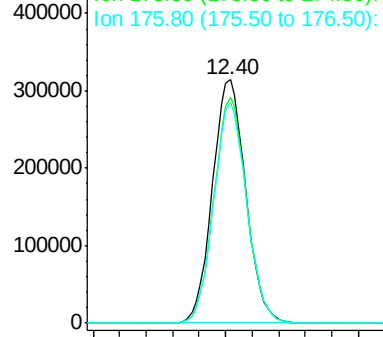
95 100

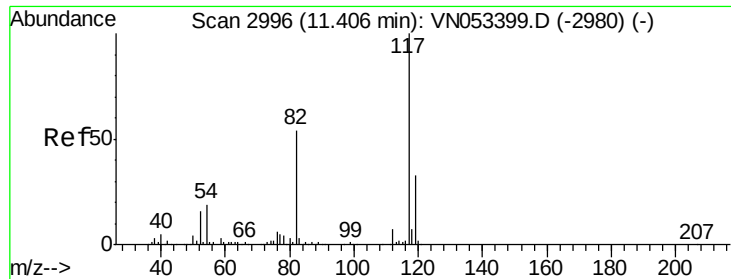
174 91.6 0.0 183.2

176 89.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

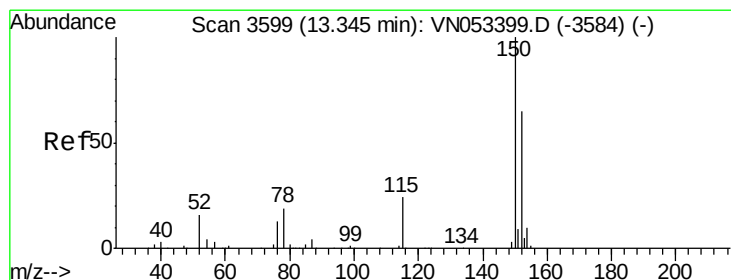
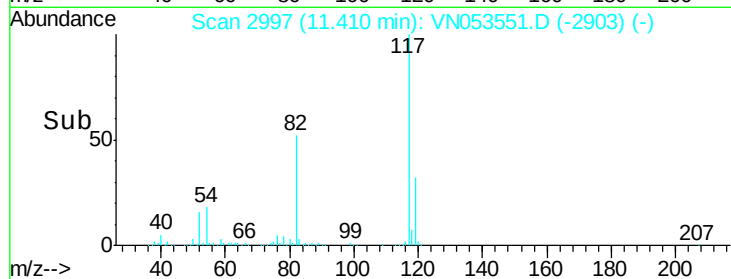
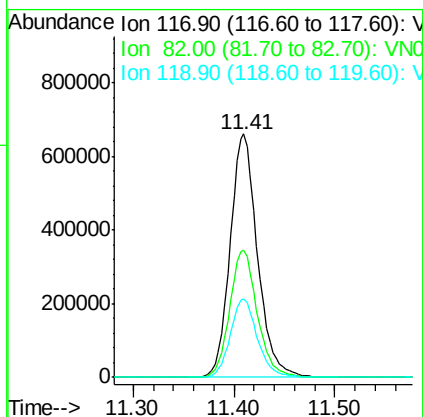
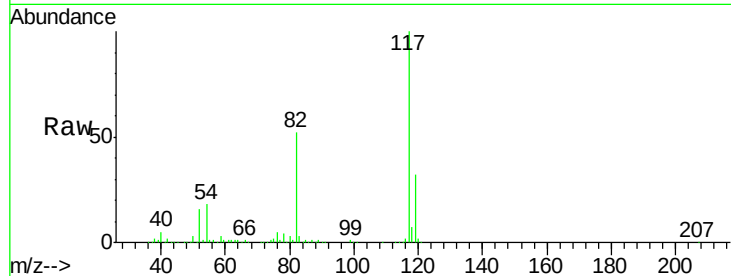




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053551.D
Acq: 28 Jan 2019 17:42

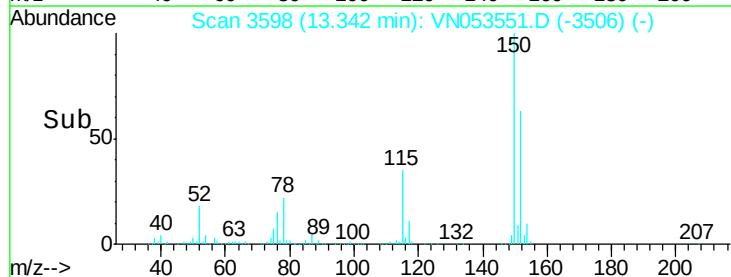
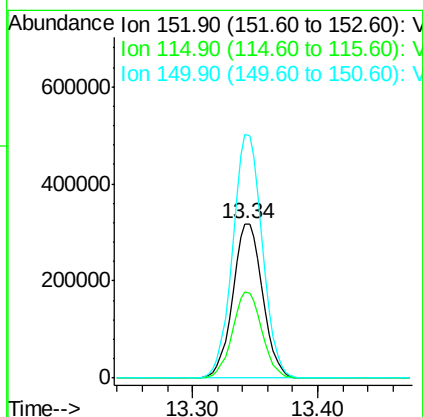
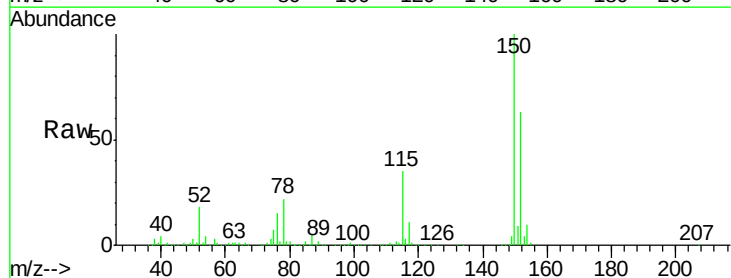
Instrument :
MSVOA_N
ClientSampleId :
PB116640ZHE#07

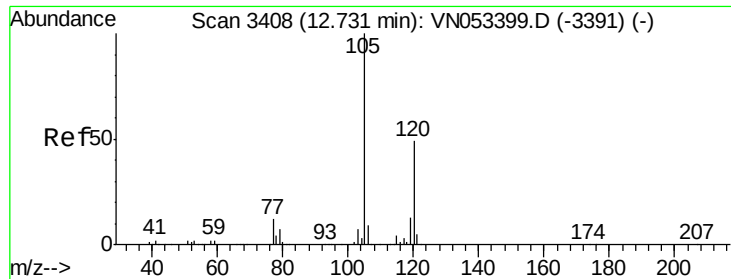
Tot Ion:117 Resp: 1244157
Ion Ratio Lower Upper
117 100
82 52.4 42.9 64.3
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053551.D
Acq: 28 Jan 2019 17:42

Tgt Ion:152 Resp: 524188
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 156.6 0.0 349.0





#80
 1,3,5-Trimethylbenzene
 Concen: 0.387 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053551.D
 Acq: 28 Jan 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116640ZHE#07

Tot Ion:105 Resp: 12089
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.9 74.6

