

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052518.D
 Acq On : 28 Nov 2018 14:35
 Operator : MD\SY
 Sample : J6084-01 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 MS-SFVP8283LM

Quant Time: Nov 29 12:30:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

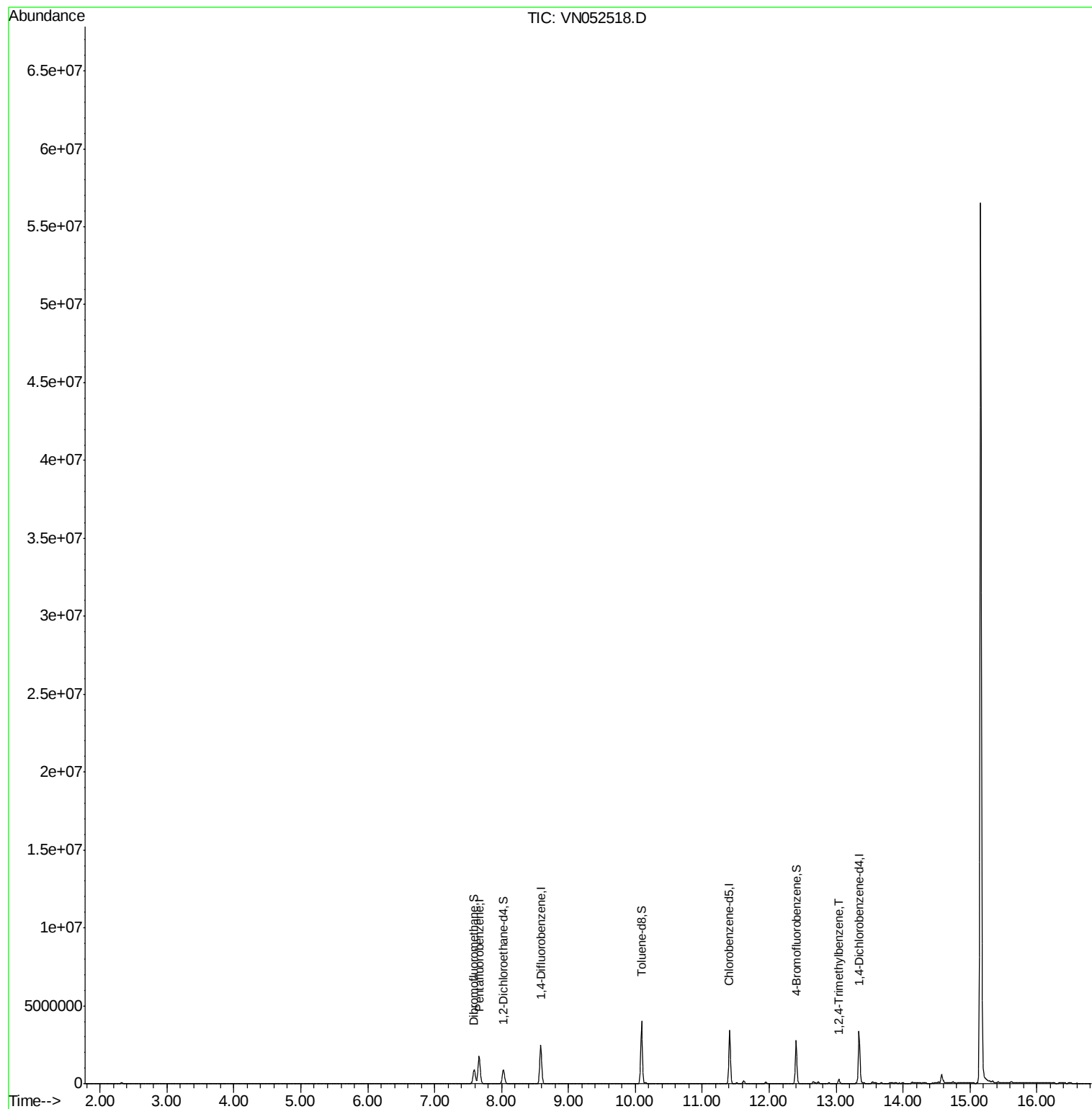
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1560041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2359339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2072950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	940473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	768634	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
35) Dibromofluoromethane	7.59	113	702941	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	10.09	98	2859868	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	963165	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.04	105	155956	2.644	ug/l	Qvalue 99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

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MSVOA_N

ClientSampleId :

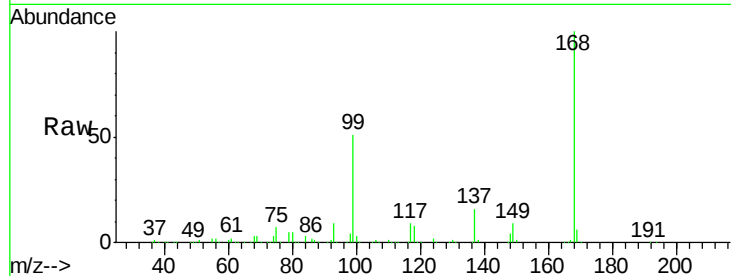
MS-SFVP8283LM

Tot Ion:168 Resp: 1560041

Ion Ratio Lower Upper

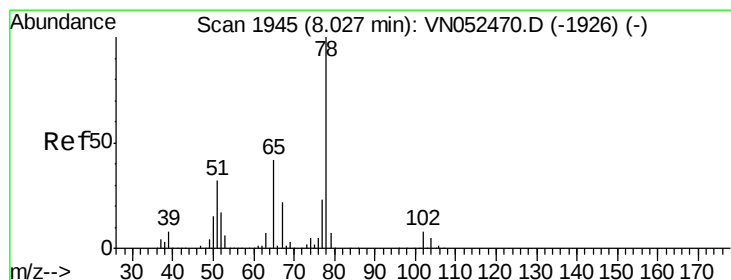
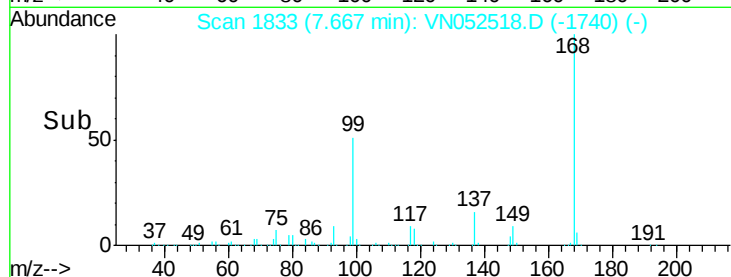
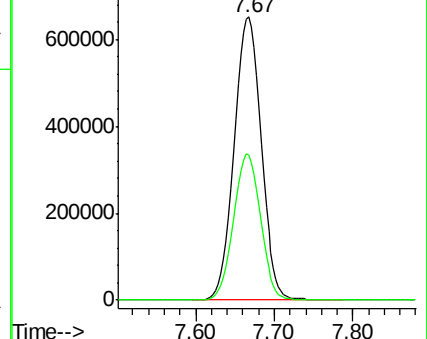
168 100

99 51.1 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052518.D

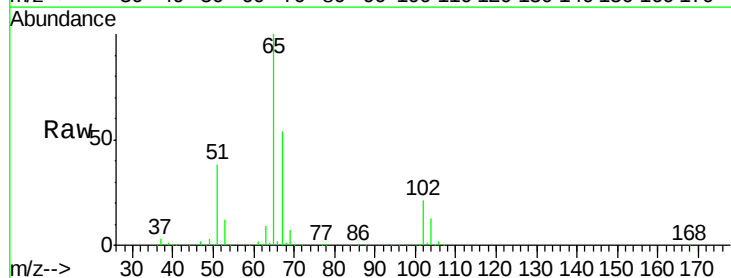
Acq: 28 Nov 2018 14:35

Tgt Ion: 65 Resp: 768634

Ion Ratio Lower Upper

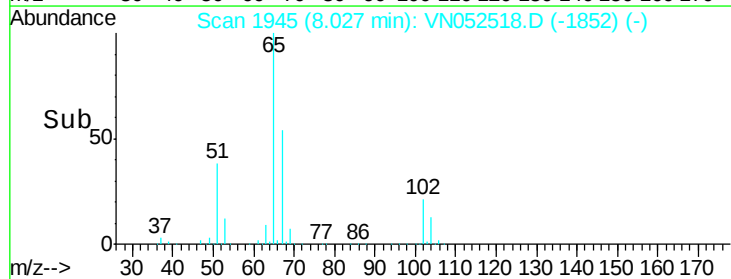
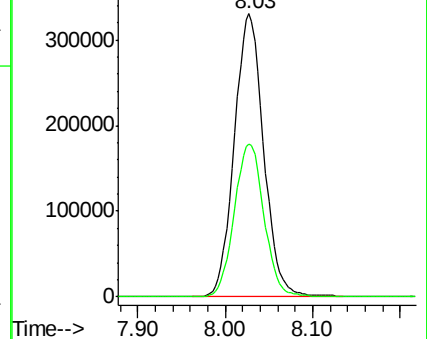
65 100

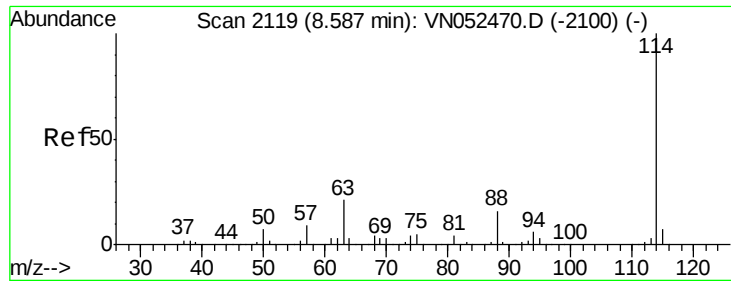
67 54.8 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

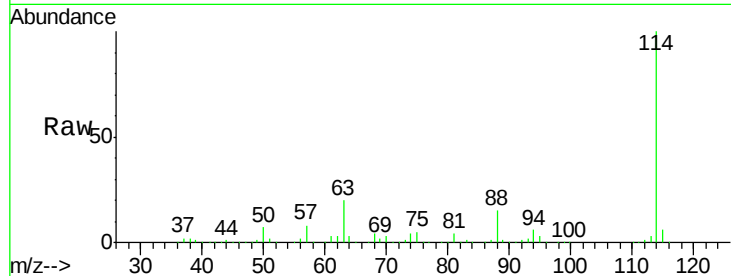




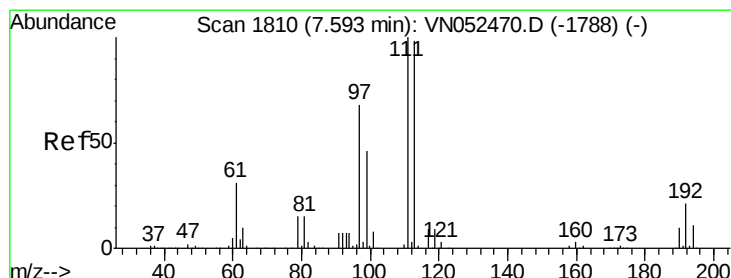
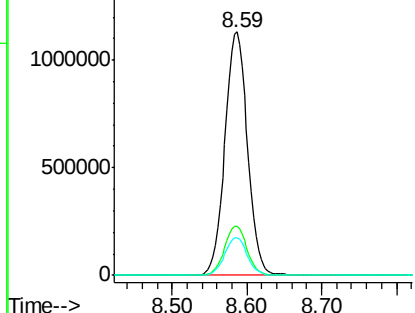
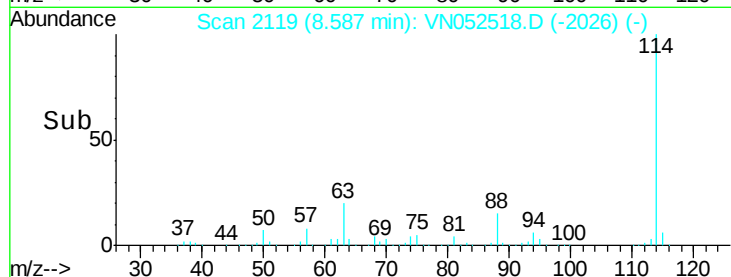
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052518.D
 Acq: 28 Nov 2018 14:35

Instrument :
 MSVOA_N
 ClientSampleId :
 MS-SFVP8283LM

Tot Ion:114 Resp: 2359339
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.4 0.0 31.6

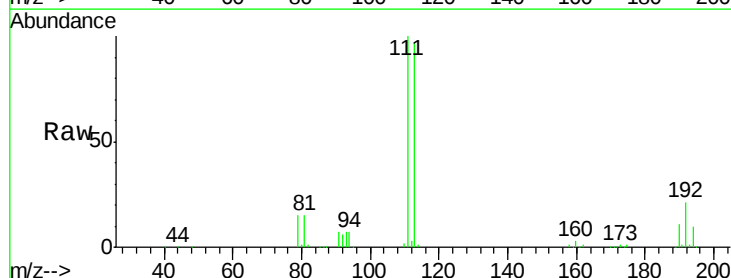


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

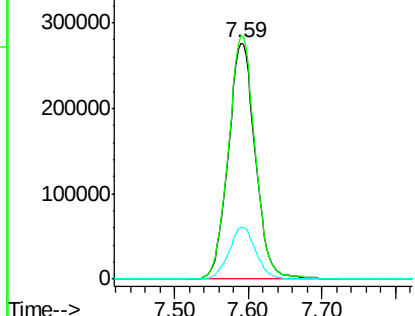
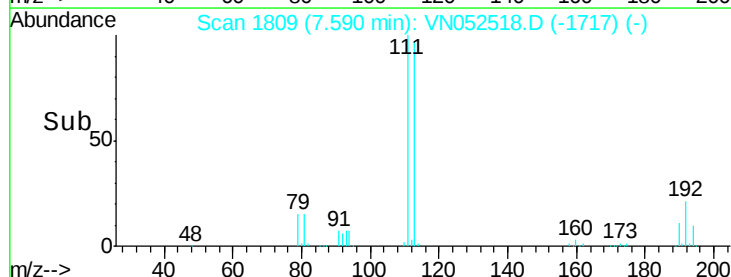


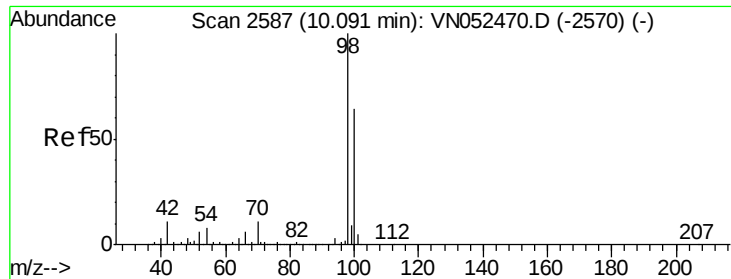
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052518.D
 Acq: 28 Nov 2018 14:35

Tgt Ion:113 Resp: 702941
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 21.8 17.0 25.6



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: VN052518.D

Acq: 28 Nov 2018 14:35

Instrument :

MSVOA_N

ClientSampleId :

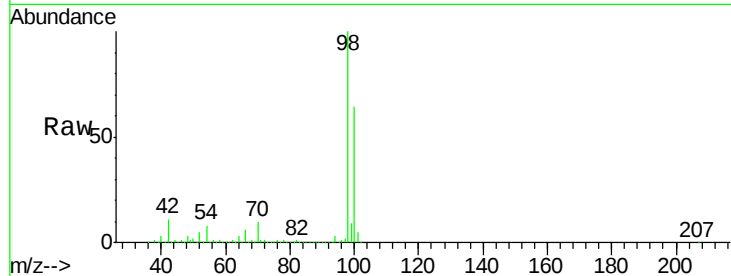
MS-SFVP8283LM

Tot Ion: 98 Resp: 2859868

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)

10.09

1500000

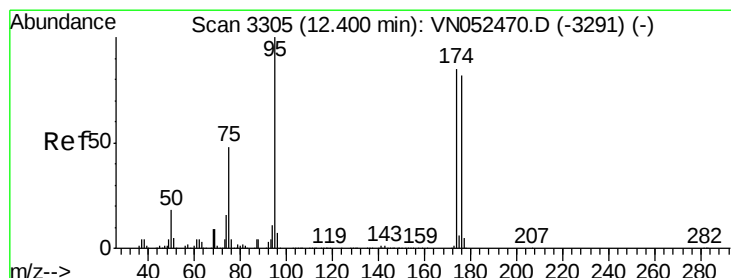
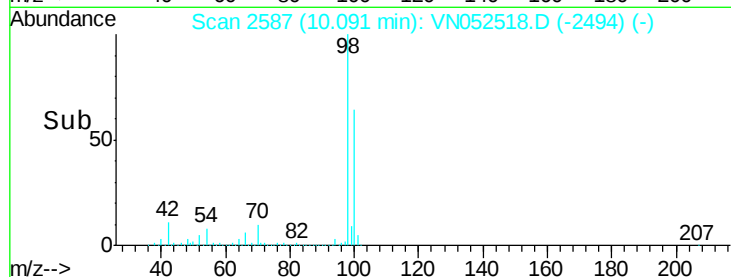
1000000

500000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052518.D

Acq: 28 Nov 2018 14:35

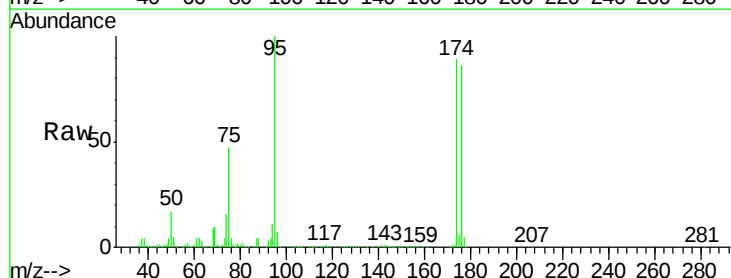
Tgt Ion: 95 Resp: 963165

Ion Ratio Lower Upper

95 100

174 87.3 0.0 173.0

176 84.9 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)

12.40

800000

600000

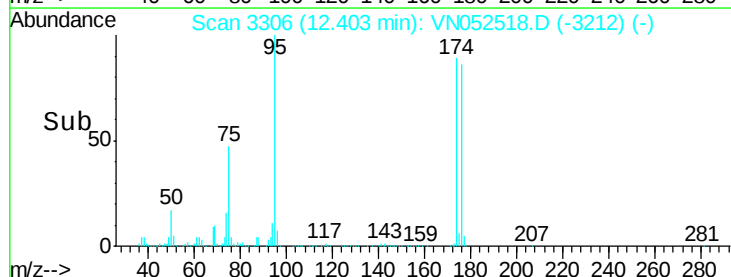
400000

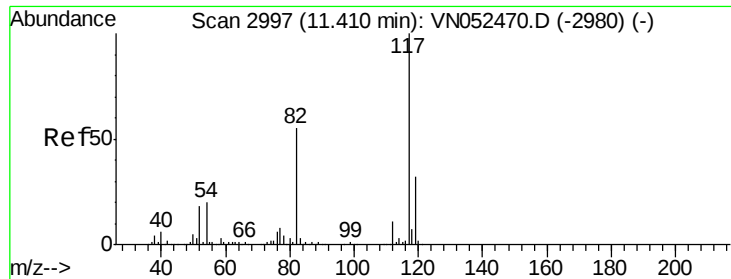
200000

0

Time-->

12.30 12.40 12.50

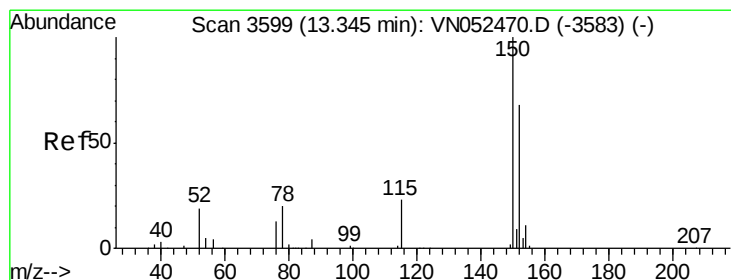
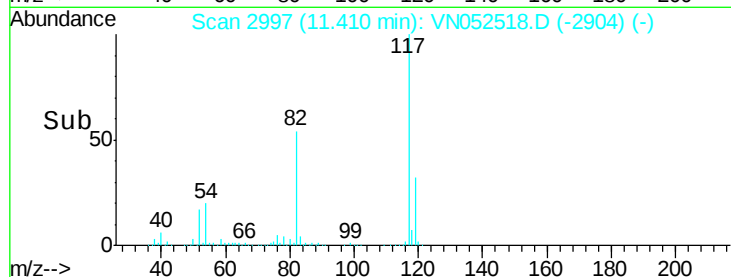
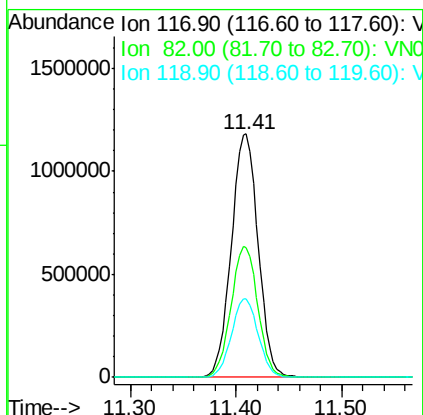
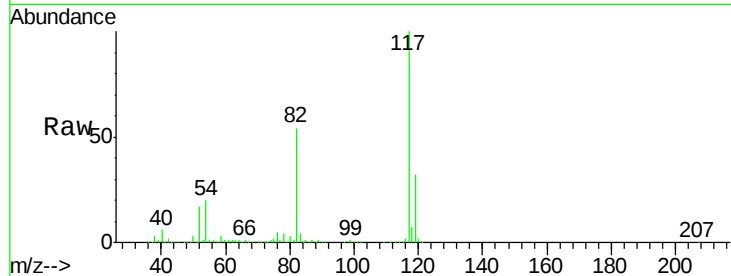




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052518.D
Acq: 28 Nov 2018 14:35

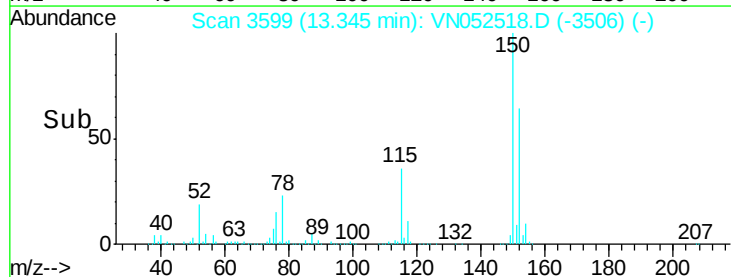
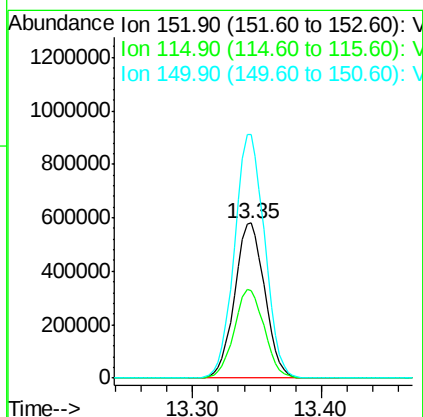
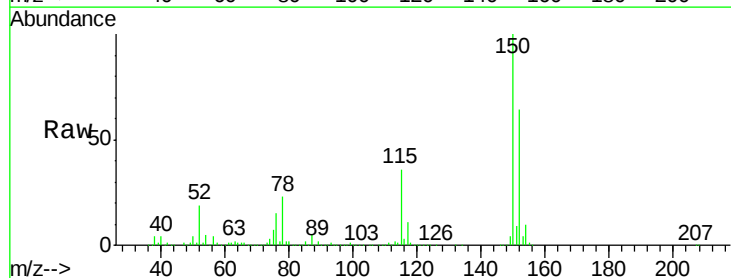
Instrument :
MSVOA_N
ClientSampleId :
MS-SFVP8283LM

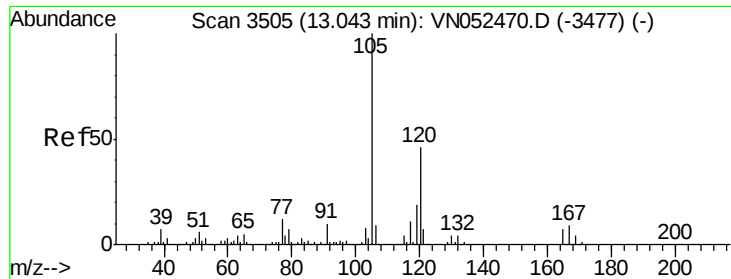
Tot Ion:117 Resp: 2072950
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052518.D
Acq: 28 Nov 2018 14:35

Tgt Ion:152 Resp: 940473
Ion Ratio Lower Upper
152 100
115 57.2 28.4 85.2
150 157.4 0.0 346.0





#84

1,2,4-Trimethylbenzene

Concen: 2.644 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052518.D

Acq: 28 Nov 2018 14:35

Instrument :

MSVOA_N

ClientSampleId :

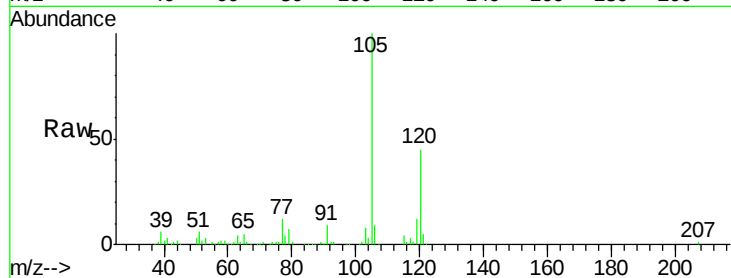
MS-SFVP8283LM

Tot Ion:105 Resp: 155956

Ion Ratio Lower Upper

105 100

120 45.0 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

