

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055433.D
 Acq On : 7 May 2019 13:23
 Operator : JC/SP
 Sample : K2658-22 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W4-5

Quant Time: May 08 06:43:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

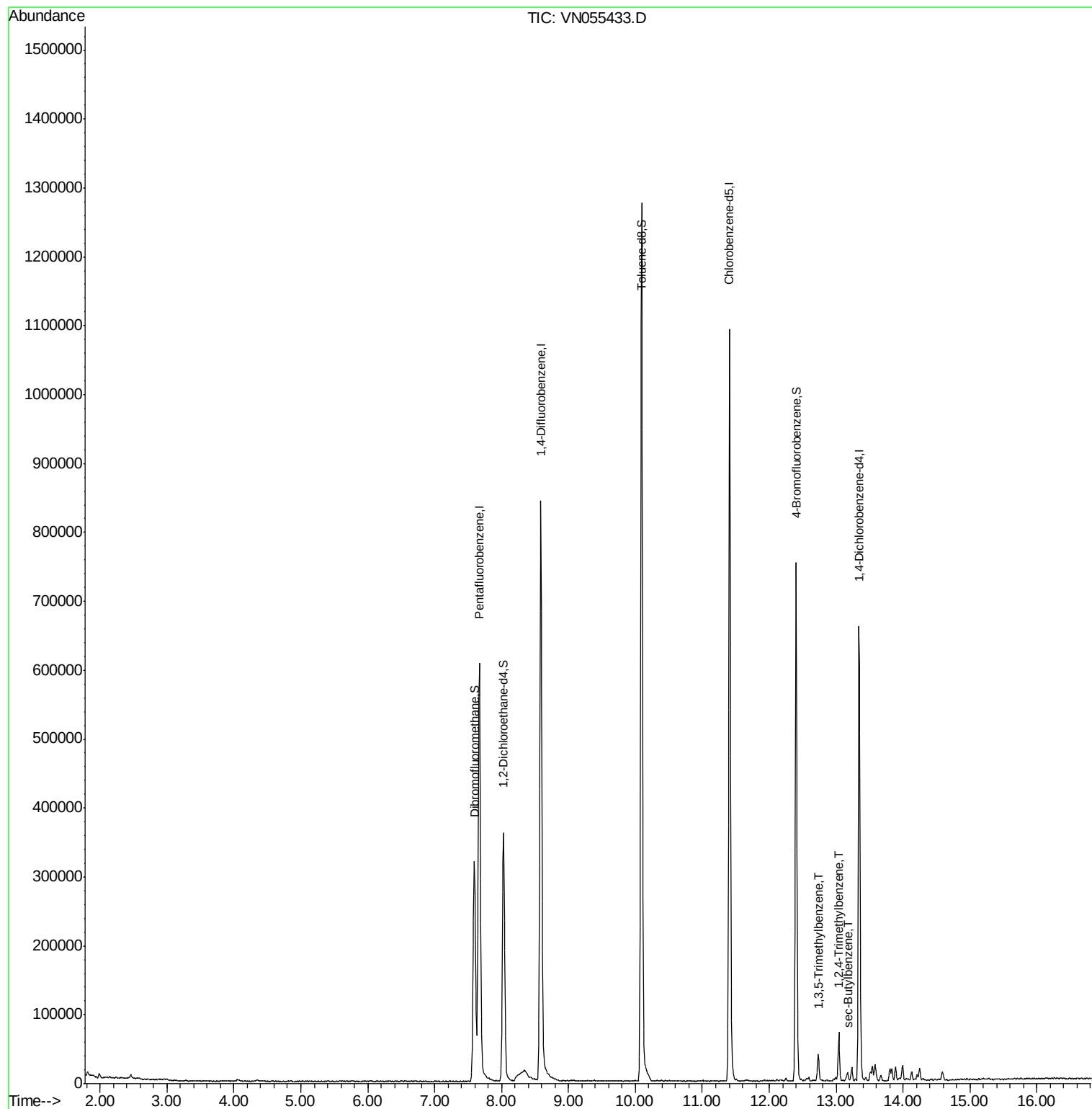
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	504325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	785404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	619213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	178165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	314463	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
35) Dibromofluoromethane	7.59	113	248712	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	10.09	98	897772	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.40	95	260754	44.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.64%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.73	105	19488	1.395	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	37992	3.041	ug/l	99
85) sec-Butylbenzene	13.17	105	8042	0.530	ug/l	90

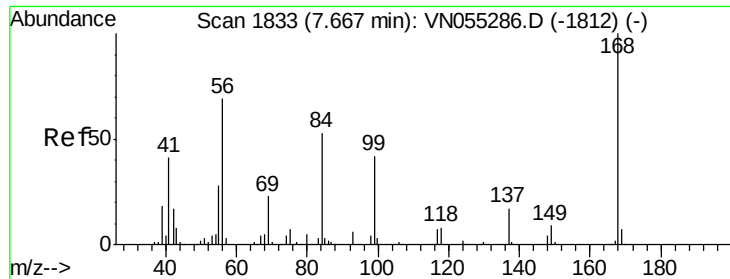
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050719\
Data File : VN055433.D
Acq On : 7 May 2019 13:23
Operator : JC/SP
Sample : K2658-22 40X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-W4-5

Quant Time: May 08 06:43:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 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: VN055433.D

Acq: 7 May 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

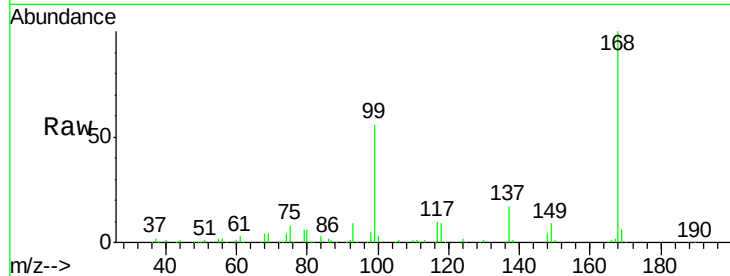
EP1-PZ-W4-5

Tot Ion:168 Resp: 504325

Ion Ratio Lower Upper

168 100

99 56.1 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

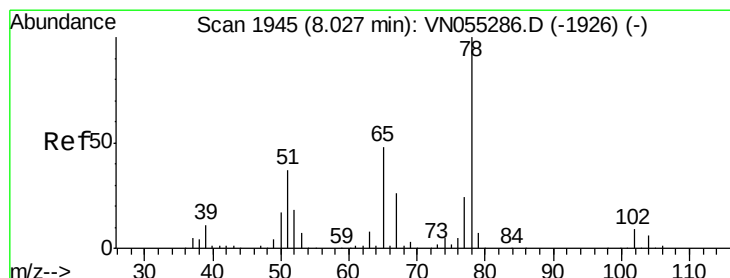
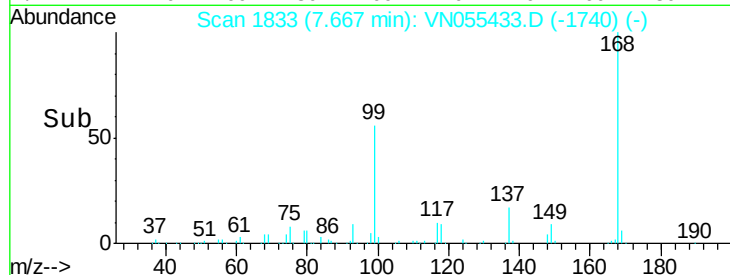
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.662 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055433.D

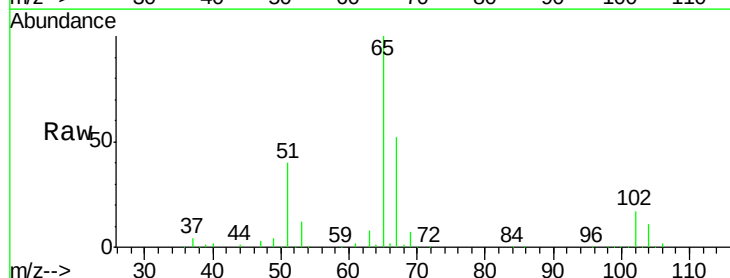
Acq: 7 May 2019 13:23

Tgt Ion: 65 Resp: 314463

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

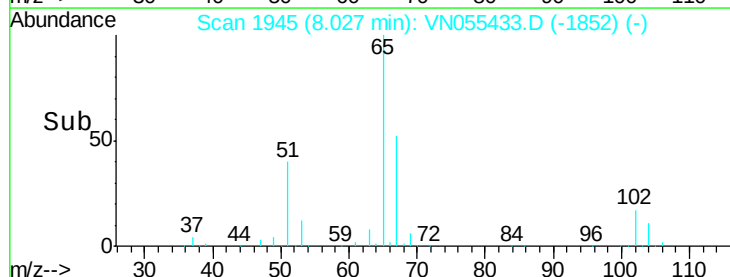
150000

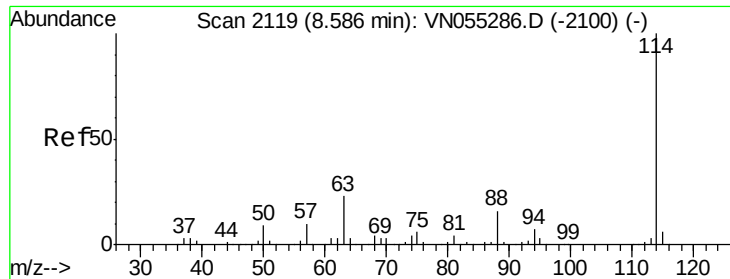
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055433.D

Acq: 7 May 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-W4-5

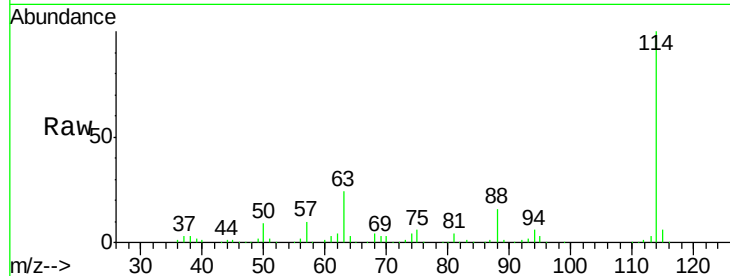
Tot Ion:114 Resp: 785404

Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.2

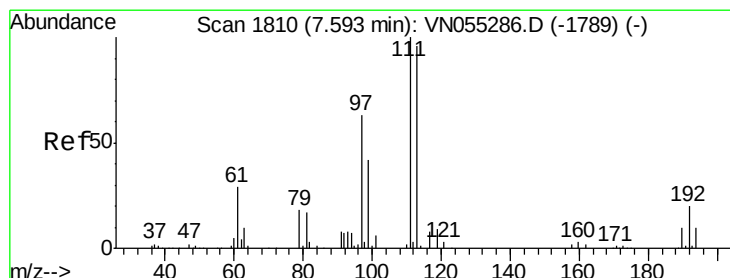
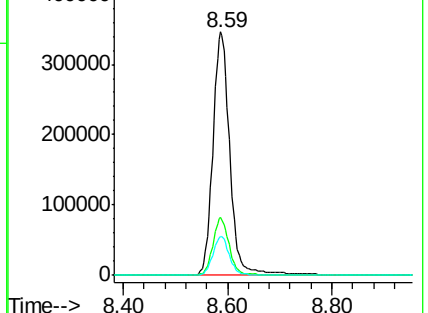
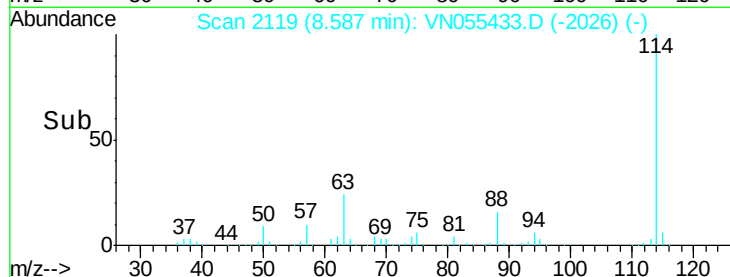
88 16.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.246 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055433.D

Acq: 7 May 2019 13:23

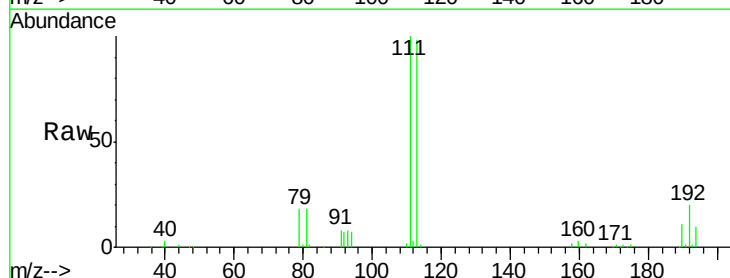
Tgt Ion:113 Resp: 248712

Ion Ratio Lower Upper

113 100

111 101.4 82.3 123.5

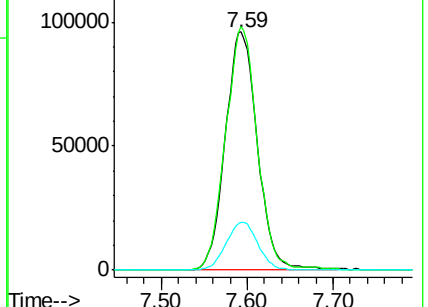
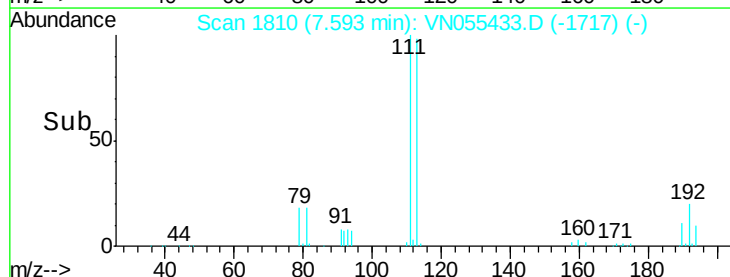
192 20.1 17.0 25.6

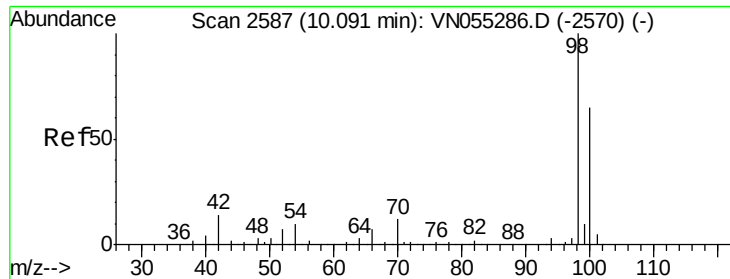


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.229 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055433.D

Acq: 7 May 2019 13:23

Instrument :

MSVOA_N

ClientSampled :

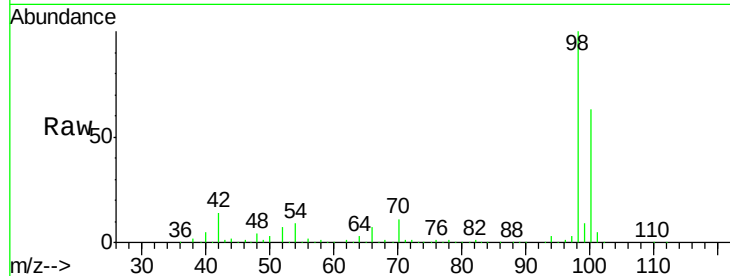
EP1-PZ-W4-5

Tot Ion: 98 Resp: 897772

Ion Ratio Lower Upper

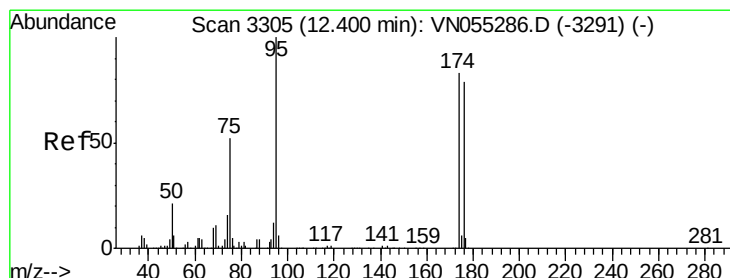
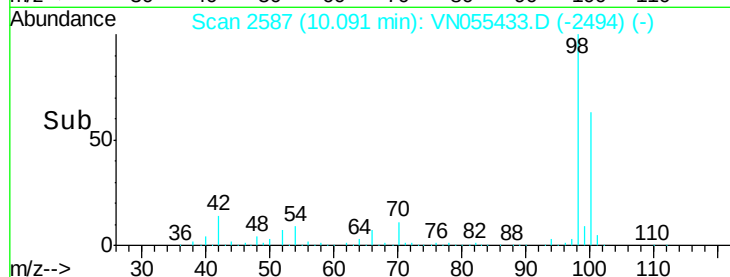
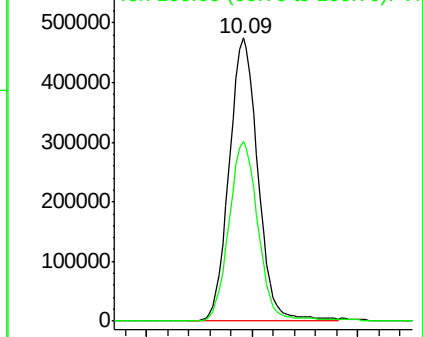
98 100

100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 44.821 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055433.D

Acq: 7 May 2019 13:23

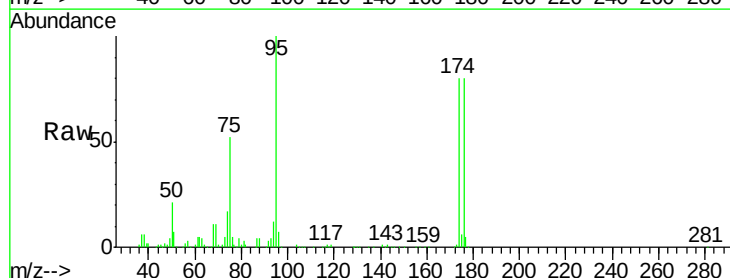
Tgt Ion: 95 Resp: 260754

Ion Ratio Lower Upper

95 100

174 82.0 0.0 166.6

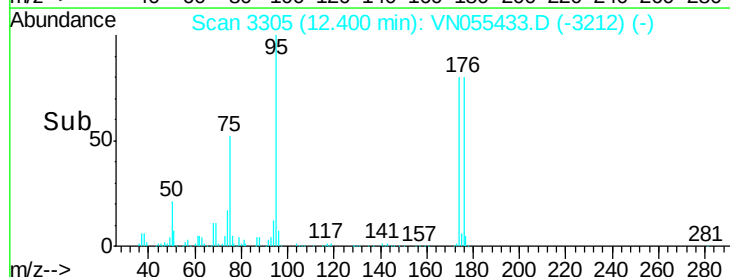
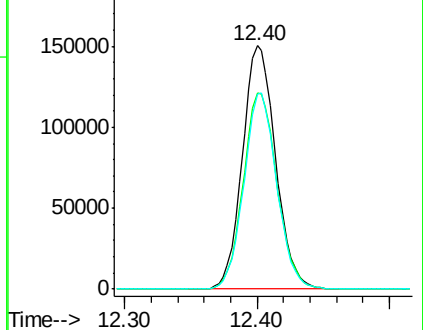
176 79.8 0.0 157.8

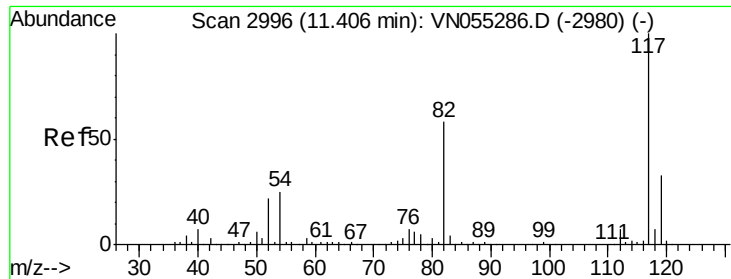


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

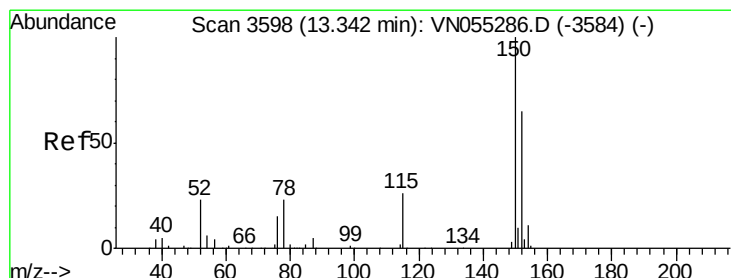
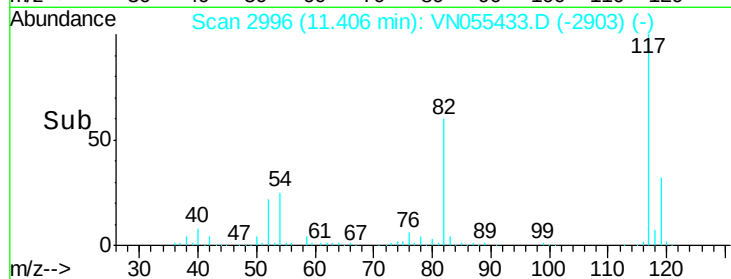
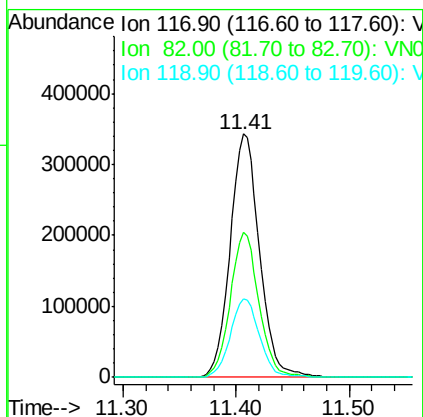
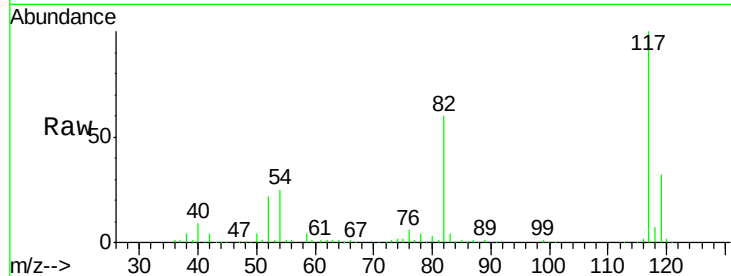




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055433.D
Acq: 7 May 2019 13:23

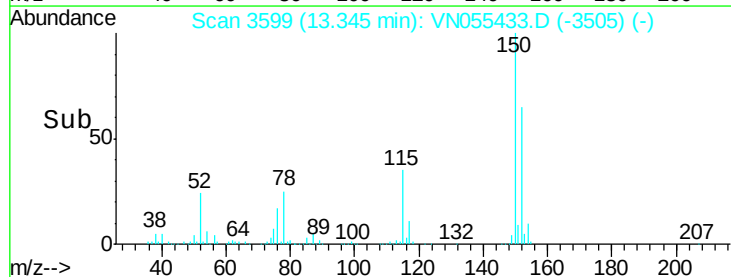
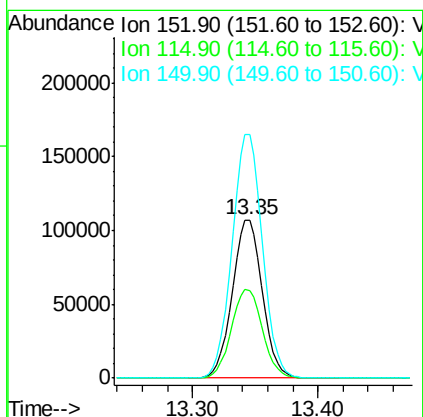
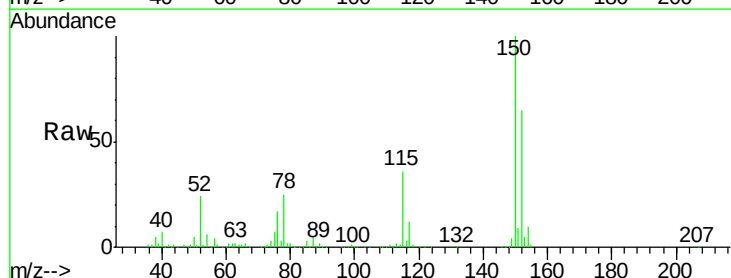
Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W4-5

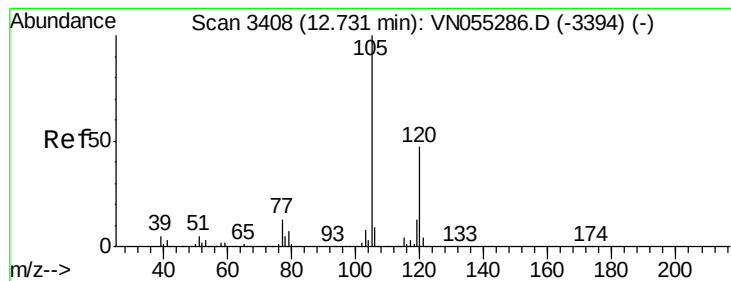
Tot Ion:117 Resp: 619213
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055433.D
Acq: 7 May 2019 13:23

Tgt Ion:152 Resp: 178165
Ion Ratio Lower Upper
152 100
115 57.9 29.0 87.0
150 155.3 0.0 345.6





#80

1,3,5-Trimethylbenzene

Concen: 1.395 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055433.D

Acq: 7 May 2019 13:23

Instrument :

MSVOA_N

ClientSampled :

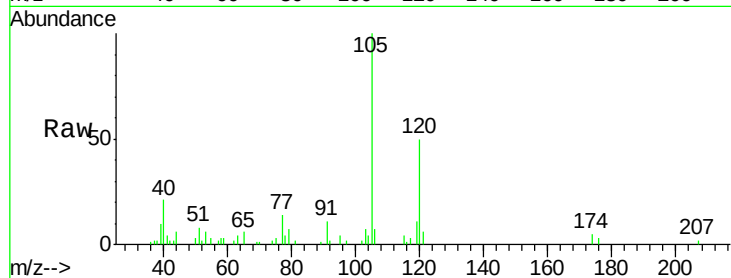
EP1-PZ-W4-5

Tot Ion:105 Resp: 19488

Ion Ratio Lower Upper

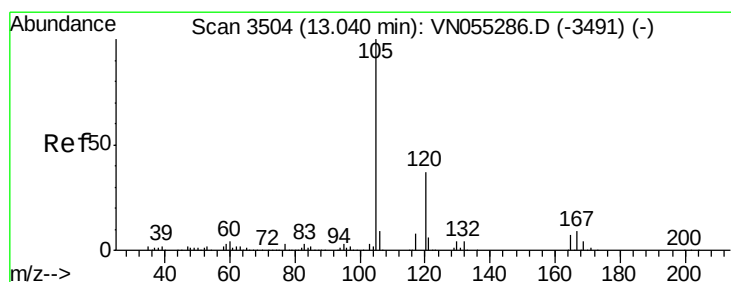
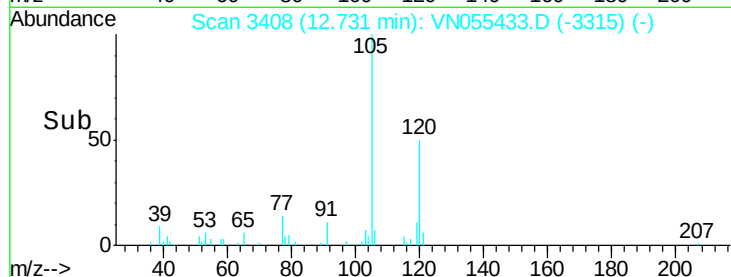
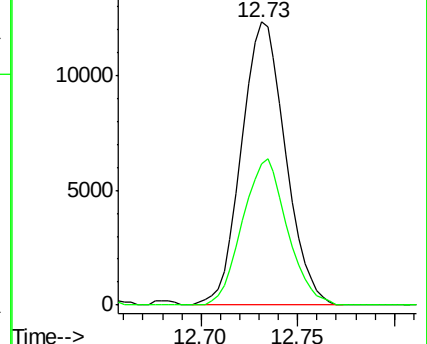
105 100

120 52.3 23.4 70.0



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: 3.041 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055433.D

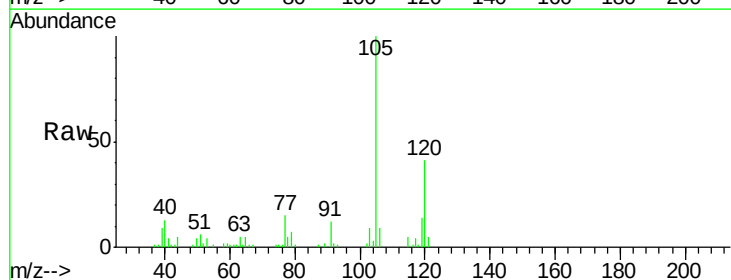
Acq: 7 May 2019 13:23

Tgt Ion:105 Resp: 37992

Ion Ratio Lower Upper

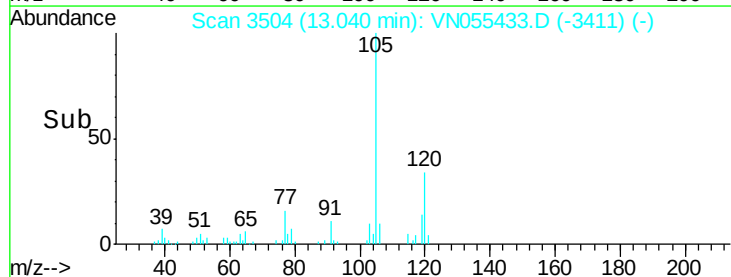
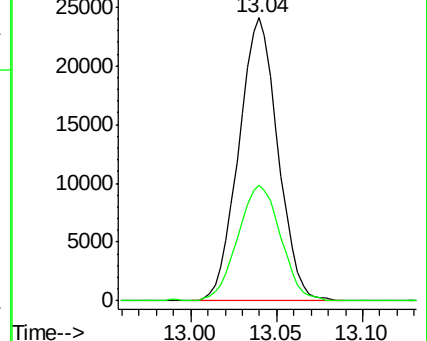
105 100

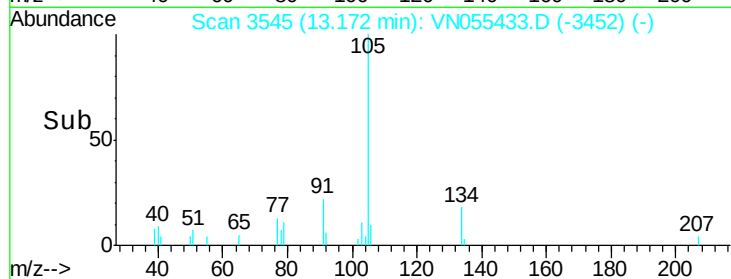
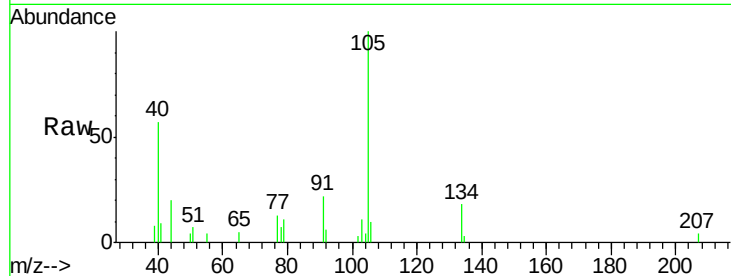
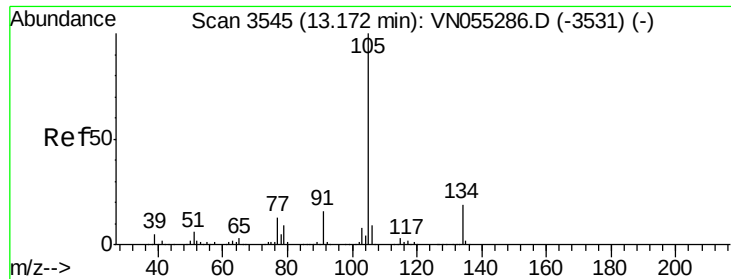
120 44.7 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.530 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055433.D

Acq: 7 May 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-W4-5

Tot Ion:105 Resp: 8042

Ion Ratio Lower Upper

105 100

134 23.8 9.6 28.8

