

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055445.D
 Acq On : 7 May 2019 18:25
 Operator : JC/SP
 Sample : K2658-22DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: May 08 07:21:12 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

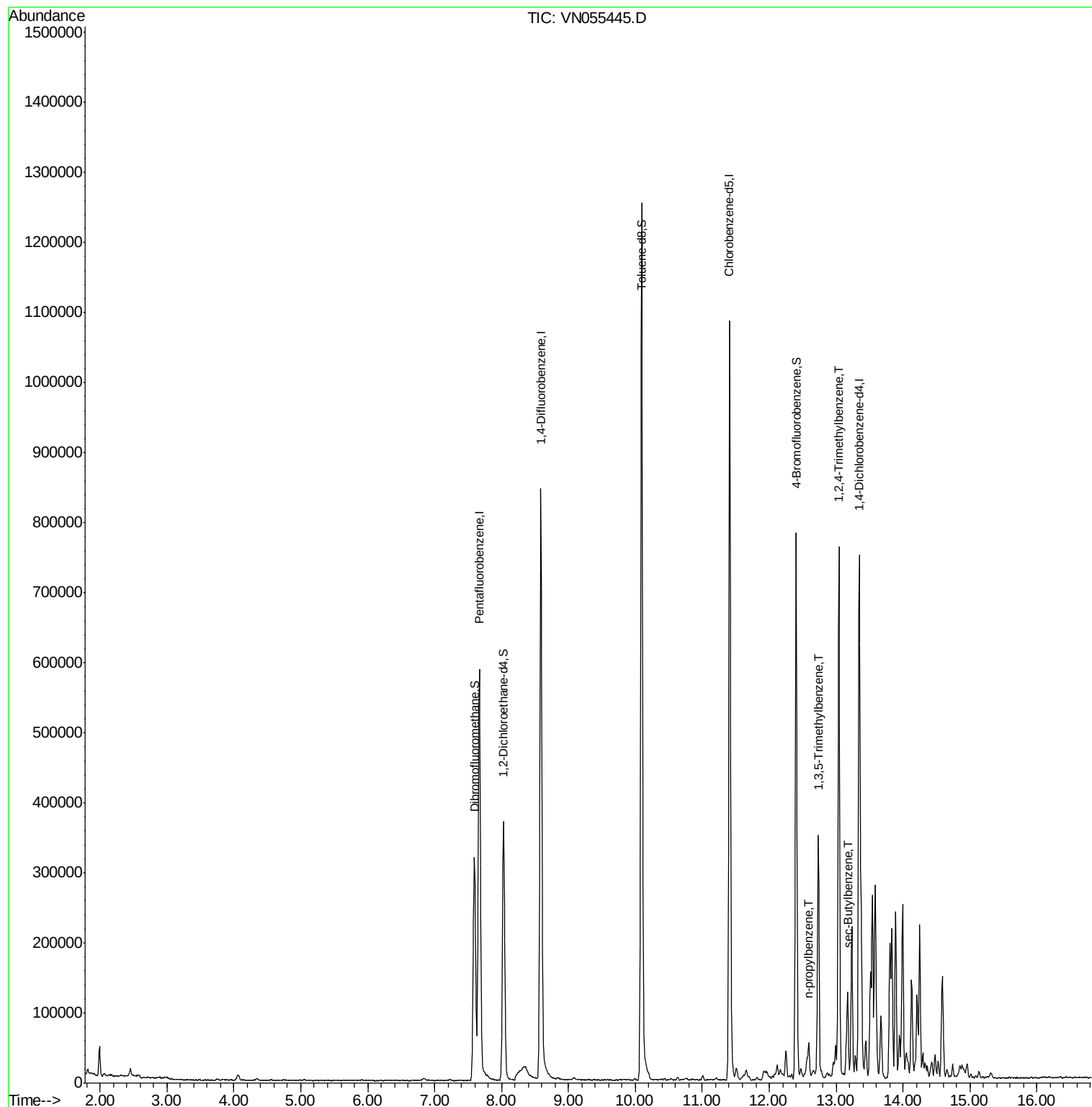
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	496891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	768526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	615189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	199292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	315954	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	7.60	113	241633	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
50) Toluene-d8	10.09	98	892233	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.40	95	265922	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
Target Compounds						
78) n-propylbenzene	12.59	91	40541	1.980	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	183013	11.714	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	427214	30.574	ug/l	100
85) sec-Butylbenzene	13.17	105	78698	4.634	ug/l	85

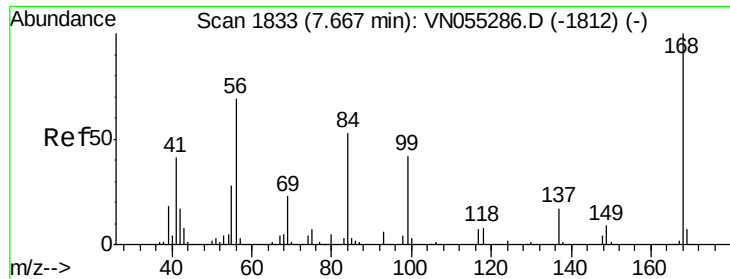
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 08 07:21:12 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: VN055445.D

Acq: 7 May 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

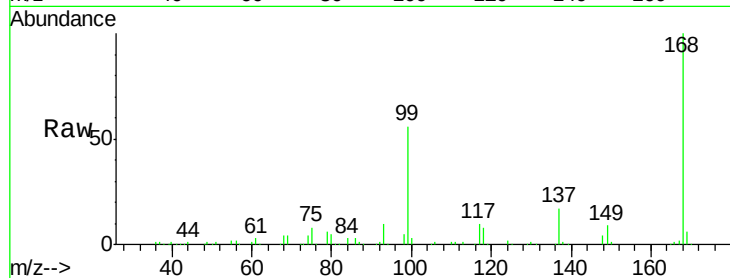
EP1-PZ-W4-5DL

Tot Ion:168 Resp: 496891

Ion Ratio Lower Upper

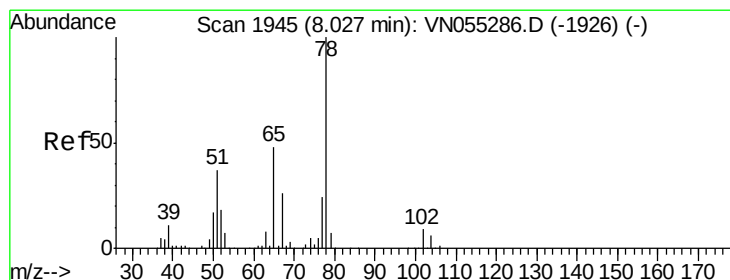
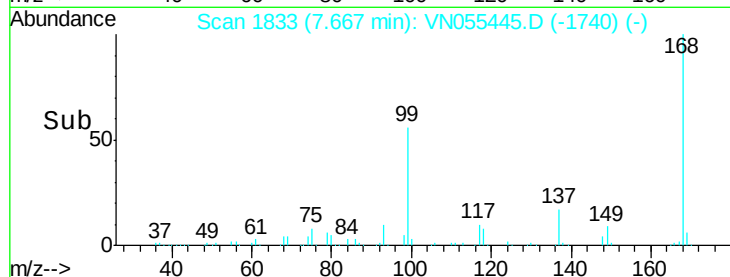
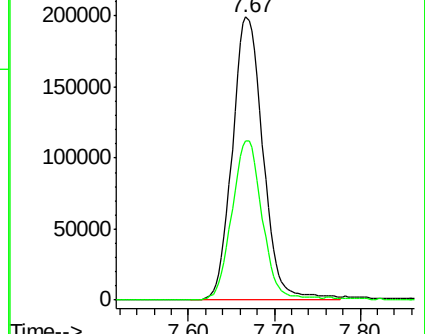
168 100

99 56.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 48.605 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055445.D

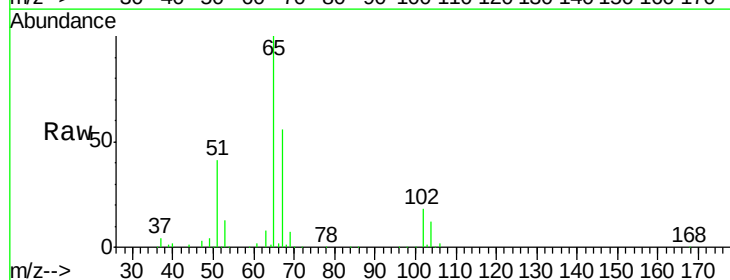
Acq: 7 May 2019 18:25

Tgt Ion: 65 Resp: 315954

Ion Ratio Lower Upper

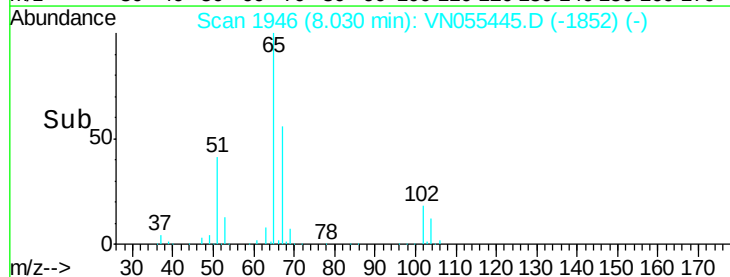
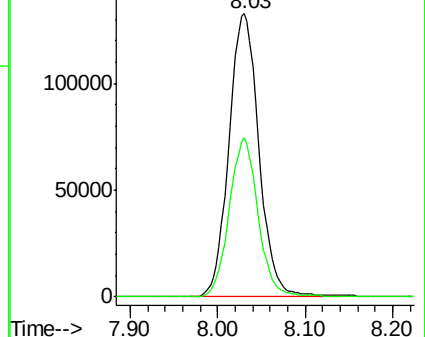
65 100

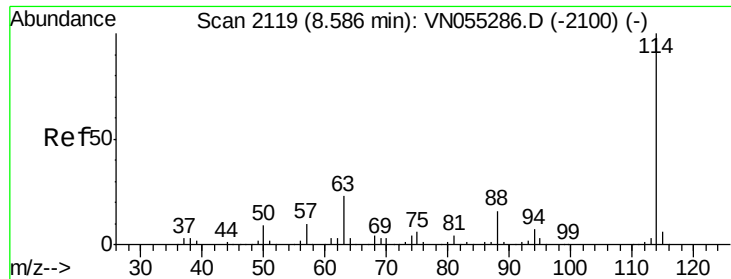
67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

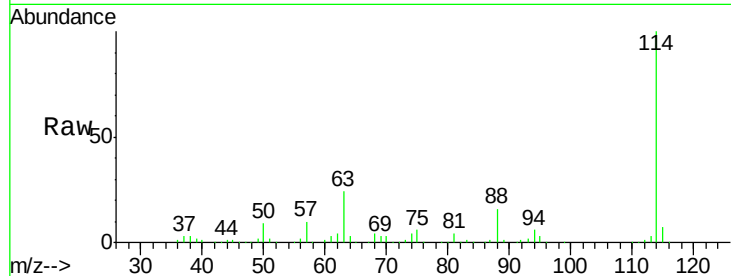




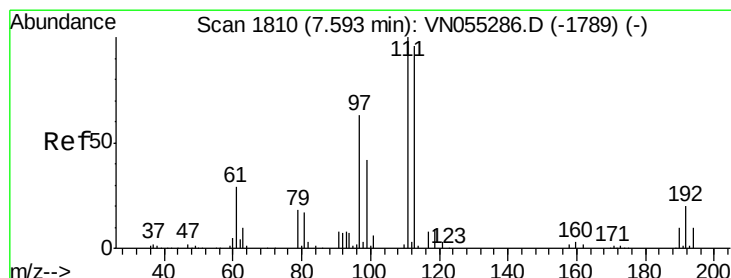
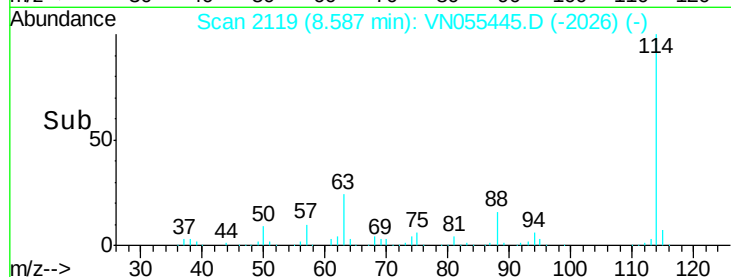
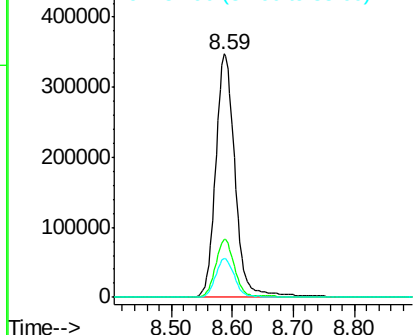
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055445.D
Acq: 7 May 2019 18:25

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

Tot Ion:114 Resp: 768526
Ion Ratio Lower Upper
114 100
63 23.7 0.0 45.2
88 16.0 0.0 31.6

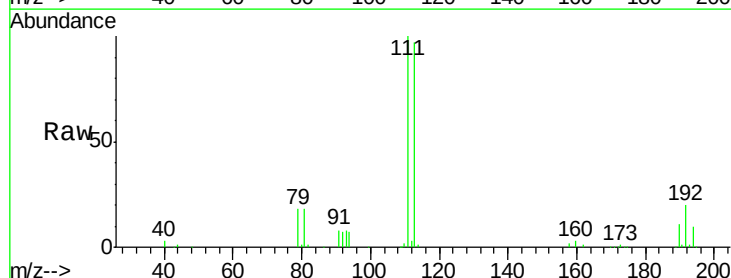


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

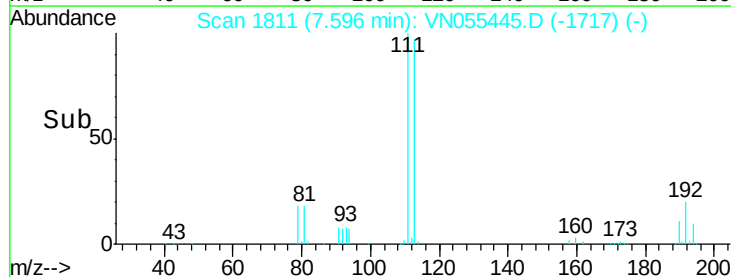
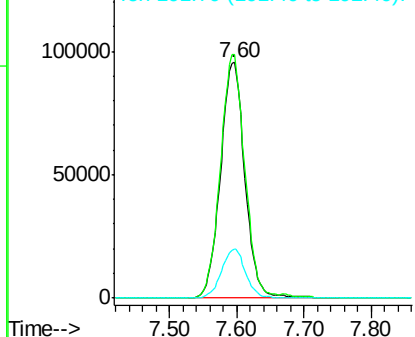


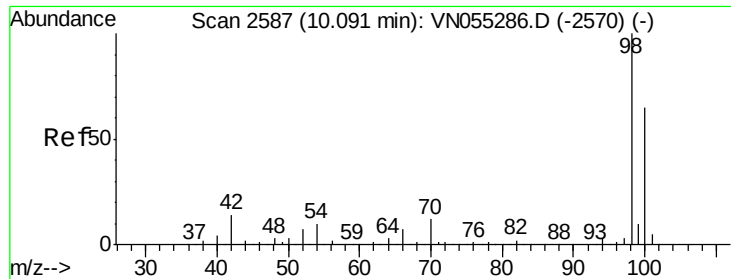
#35
Dibromofluoromethane
Concen: 47.902 ug/l
RT: 7.60 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VN055445.D
Acq: 7 May 2019 18:25

Tgt Ion:113 Resp: 241633
Ion Ratio Lower Upper
113 100
111 102.6 82.3 123.5
192 20.5 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

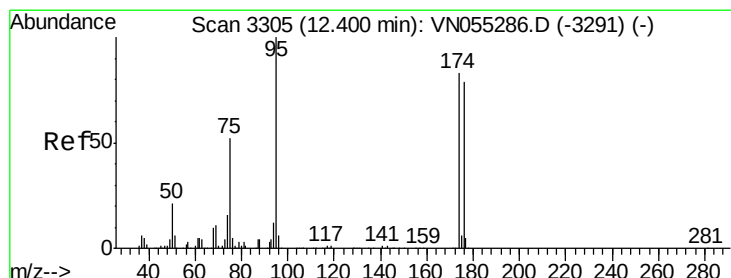
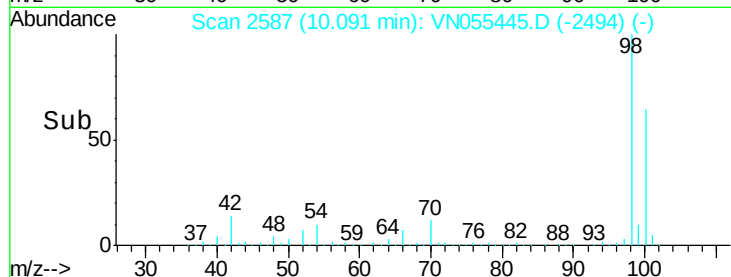
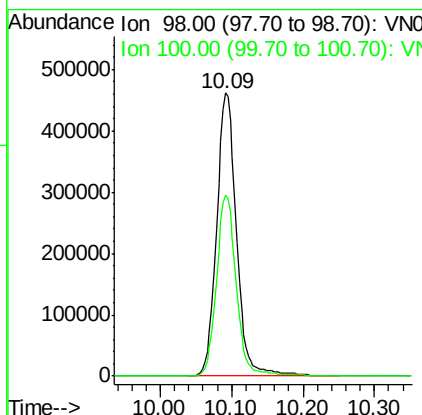
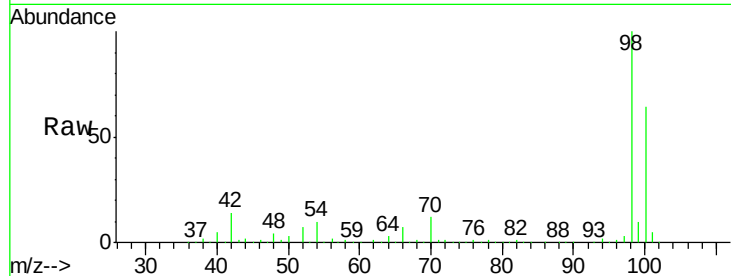




#50
Toluene-d8
Concen: 48.985 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055445.D
Acq: 7 May 2019 18:25

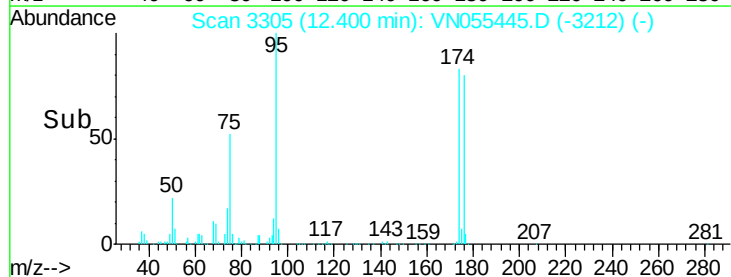
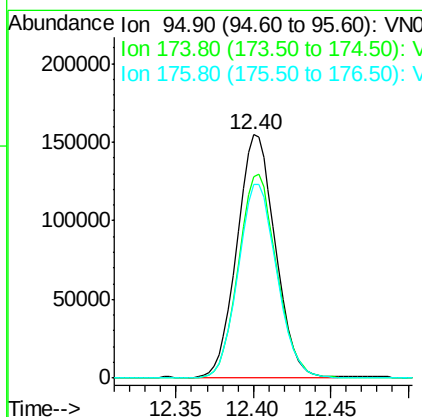
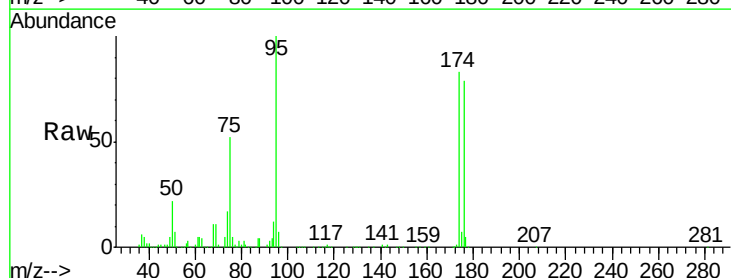
Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W4-5DL

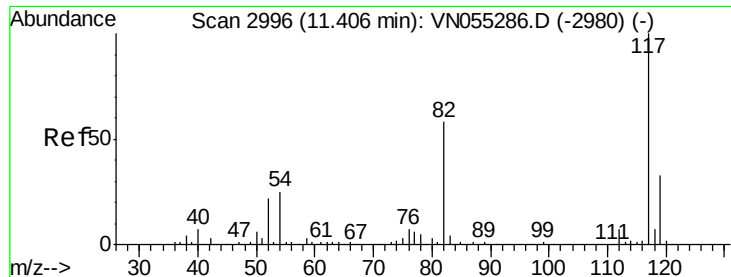
Tot Ion: 98 Resp: 892233
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.713 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055445.D
Acq: 7 May 2019 18:25

Tgt Ion: 95 Resp: 265922
Ion Ratio Lower Upper
95 100
174 84.1 0.0 166.6
176 80.9 0.0 157.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

Instrument :

MSVOA_N

ClientSampled :

EP1-PZ-W4-5DL

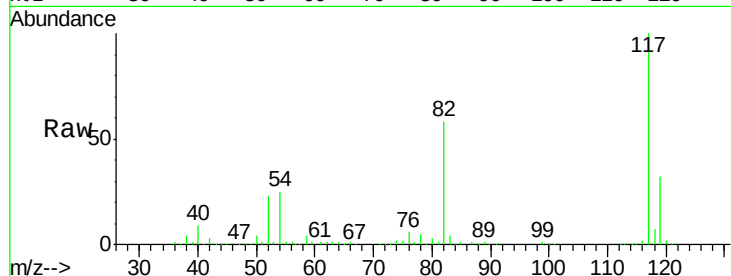
Tot Ion:117 Resp: 615189

Ion Ratio Lower Upper

117 100

82 57.7 46.2 69.4

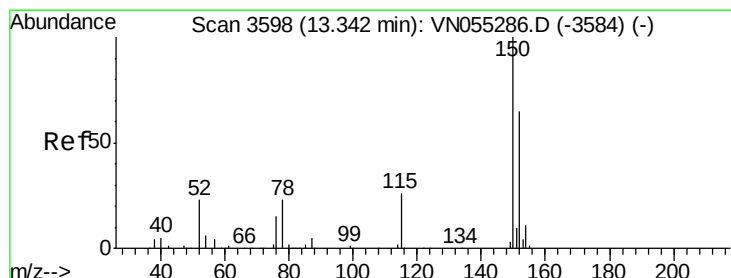
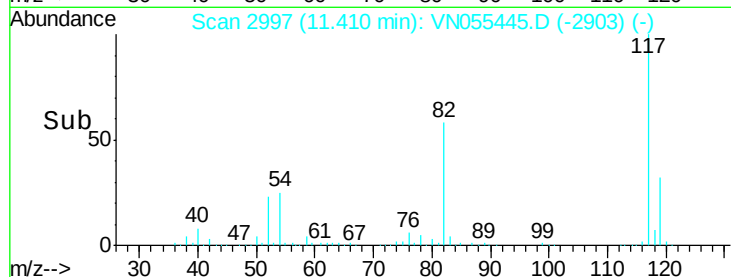
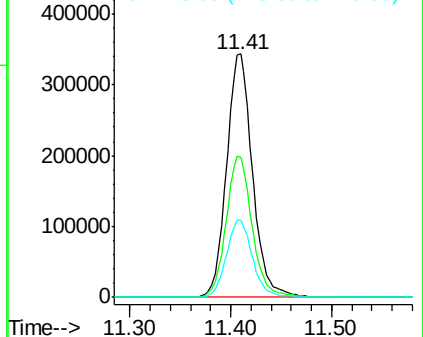
119 31.7 26.6 40.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

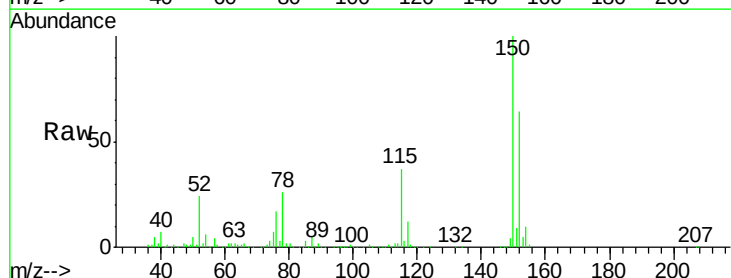
Tgt Ion:152 Resp: 199292

Ion Ratio Lower Upper

152 100

115 59.6 29.0 87.0

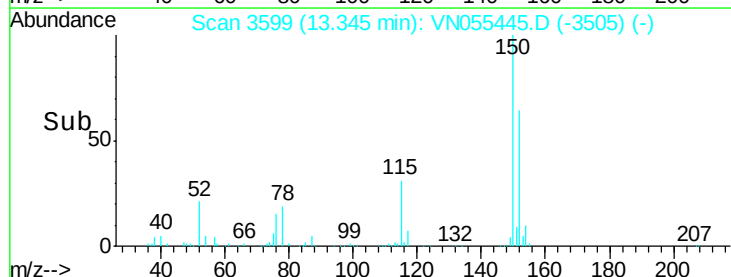
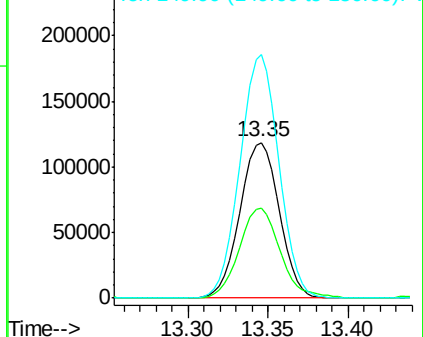
150 154.7 0.0 345.6

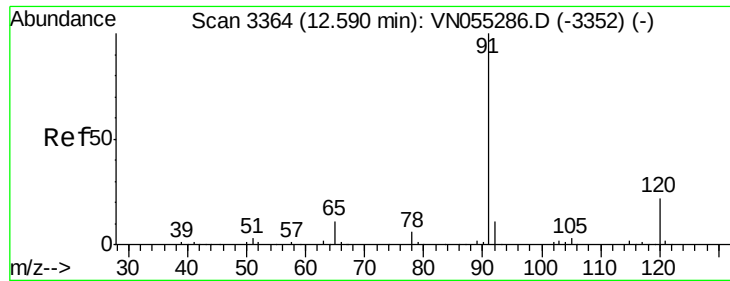


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 1.980 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

Instrument :

MSVOA_N

ClientSampled :

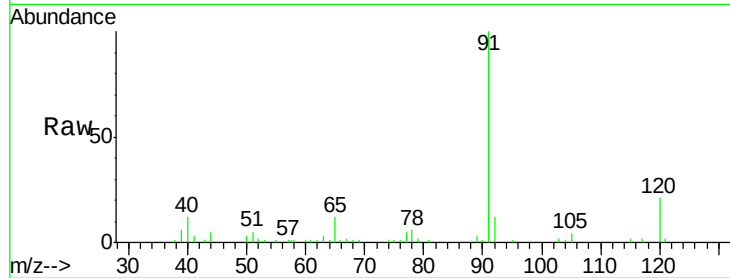
EP1-PZ-W4-5DL

Tot Ion: 91 Resp: 40541

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN055286.D (-3352) (-)

12.59

25000

20000

15000

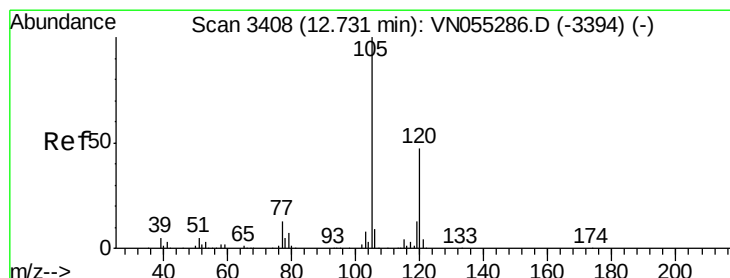
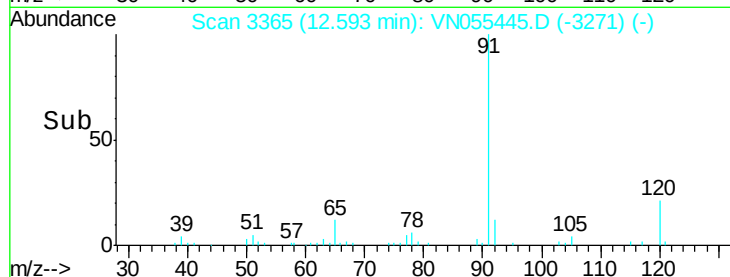
10000

5000

0

Time-->

12.55 12.60 12.65



#80

1,3,5-Trimethylbenzene

Concen: 11.714 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055445.D

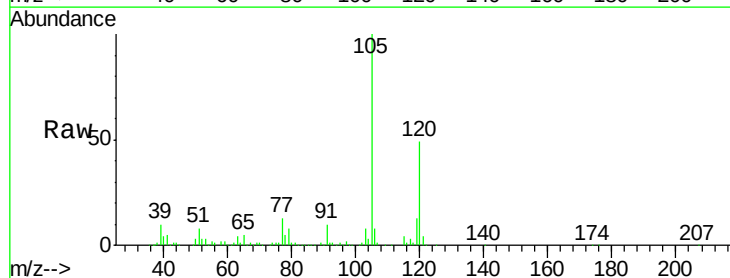
Acq: 7 May 2019 18:25

Tgt Ion:105 Resp: 183013

Ion Ratio Lower Upper

105 100

120 49.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055286.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN055286.D (-3394) (-)

12.73

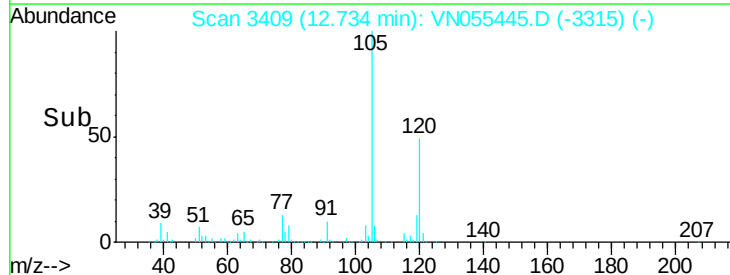
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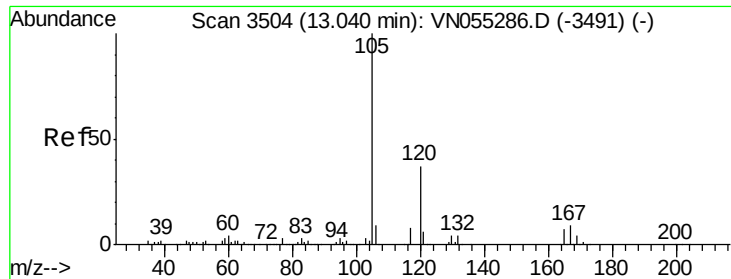
50000

0

Time-->

12.65 12.70 12.75 12.80

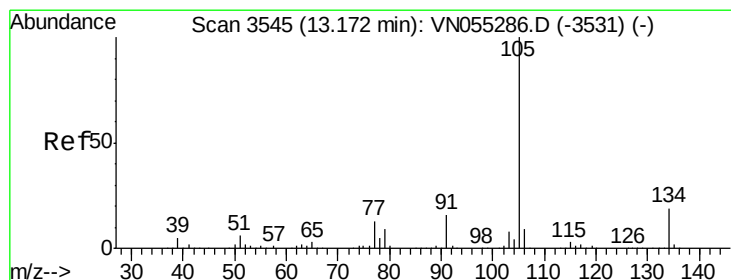
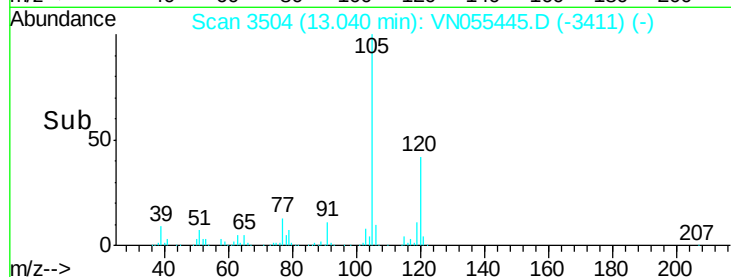
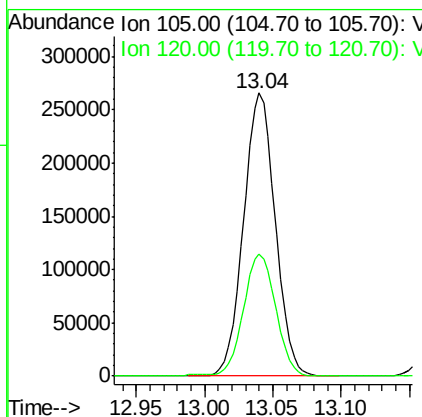
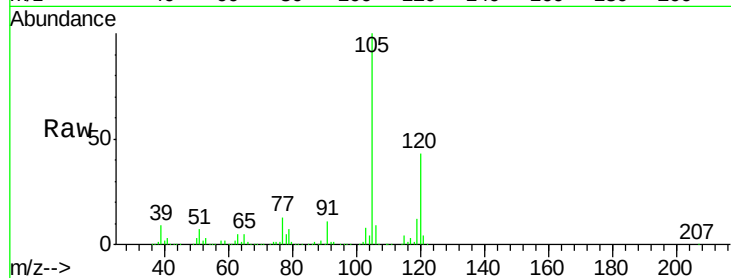




#84
 1,2,4-Trimethylbenzene
 Concen: 30.574 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

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

Tot Ion:105 Resp: 427214
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 4.634 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

Tgt Ion:105 Resp: 78698
 Ion Ratio Lower Upper
 105 100
 134 25.8 9.6 28.8

