

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050319\
 Data File : VN055392.D
 Acq On : 3 May 2019 16:12
 Operator : JC/SP
 Sample : K2658-02DL 100X
 Misc : 6.06g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(17-20)DL

Quant Time: May 11 02:16:38 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

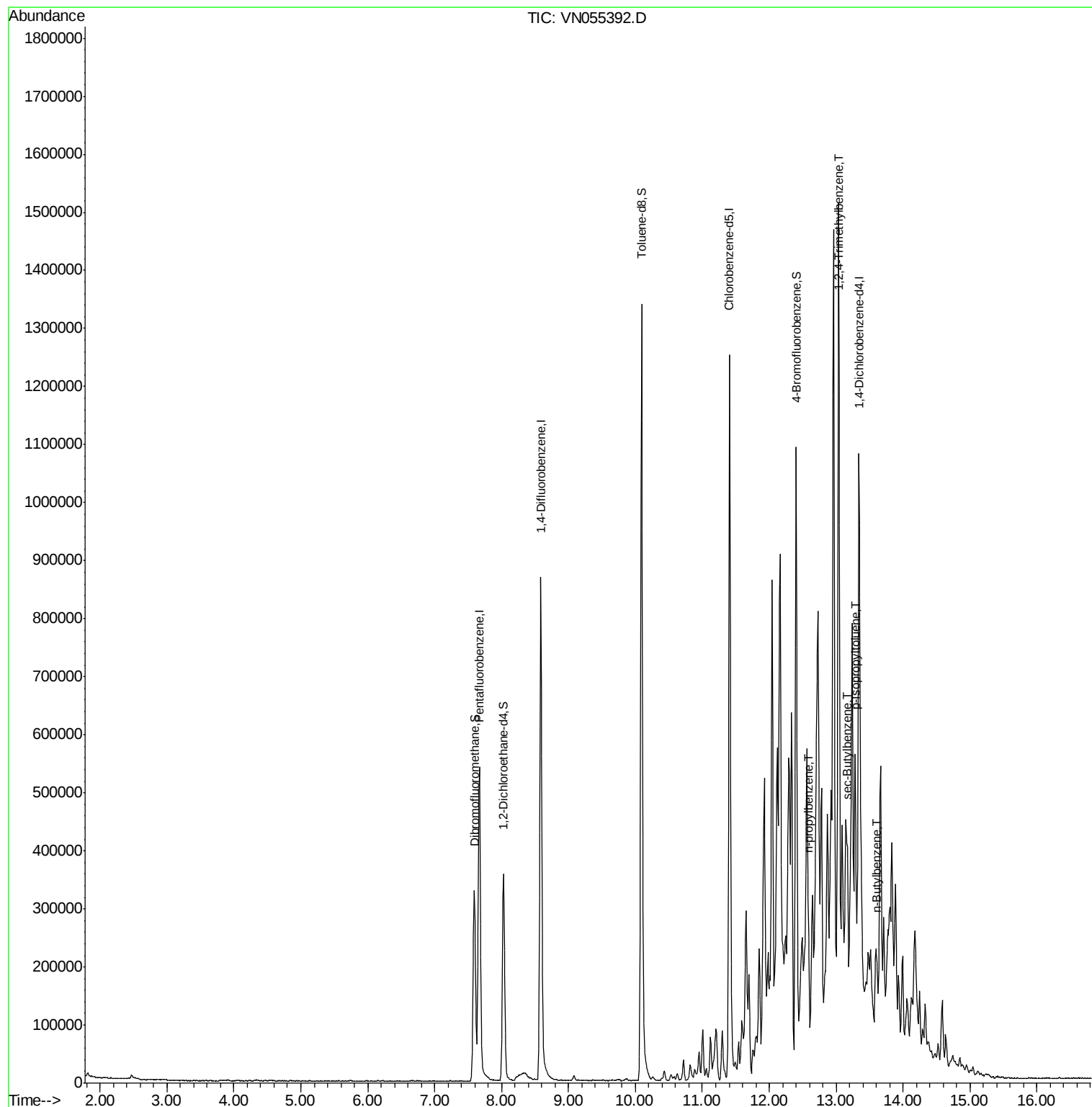
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	465882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	802531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	731054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	255488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	310438	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
35) Dibromofluoromethane	7.59	113	252748	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	10.09	98	982301	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.40	95	335558	56.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.90%	
Target Compounds						
78) n-propylbenzene	12.59	91	121655	4.636	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	691475	38.601	ug/l	99
85) sec-Butylbenzene	13.17	105	73290	3.367	ug/l #	66
86) p-Isopropyltoluene	13.29	119	75328	4.210	ug/l	98
89) n-Butylbenzene	13.61	91	46559	3.662	ug/l #	73

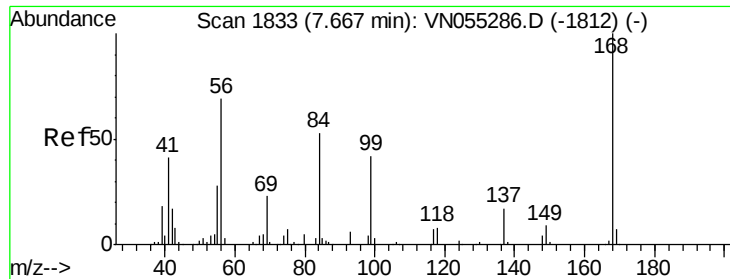
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

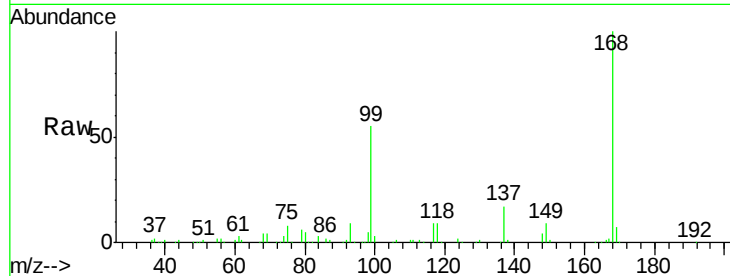
EP1-SB-W2(17-20)DL

Tgt Ion:168 Resp: 465882

Ion Ratio Lower Upper

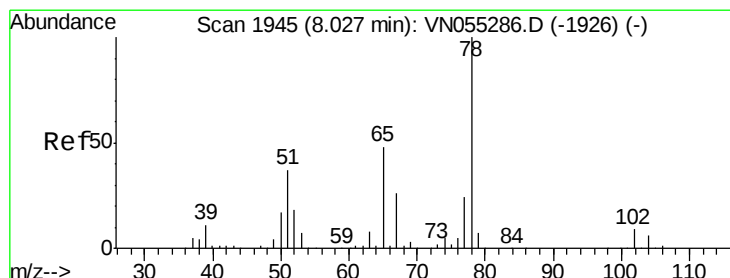
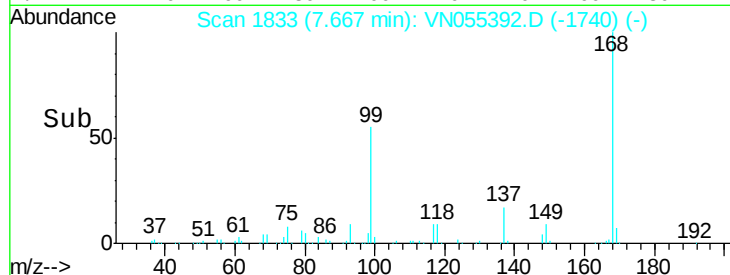
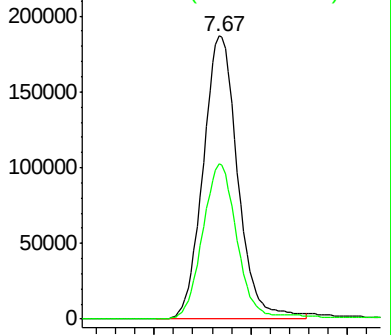
168 100

99 54.7 43.6 65.4



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: 50.935 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055392.D

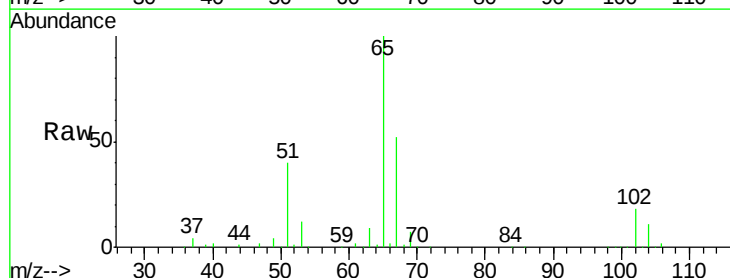
Acq: 3 May 2019 16:12

Tgt Ion: 65 Resp: 310438

Ion Ratio Lower Upper

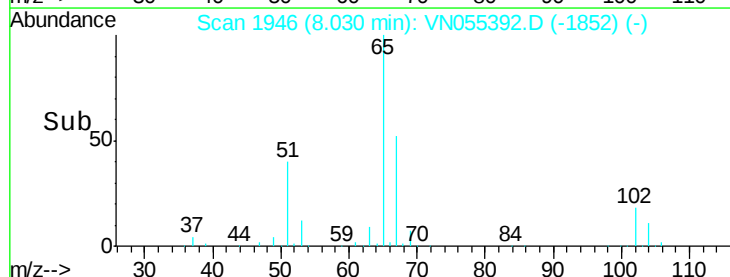
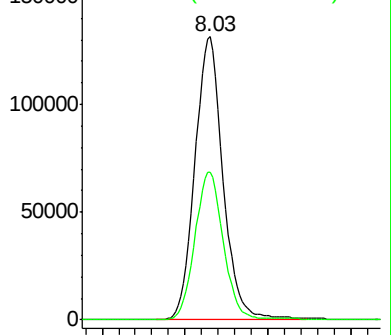
65 100

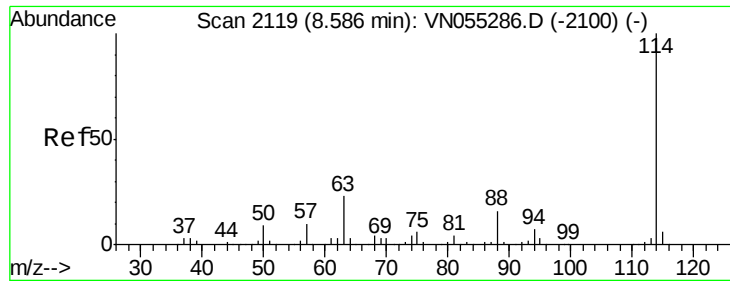
67 52.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

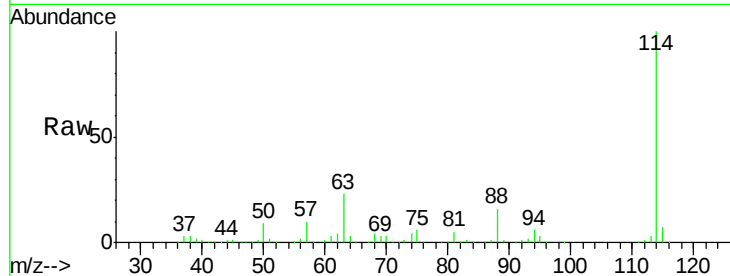




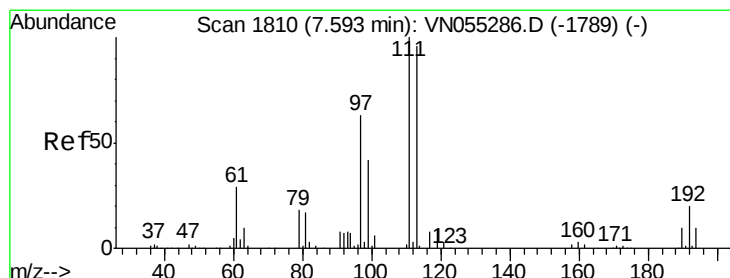
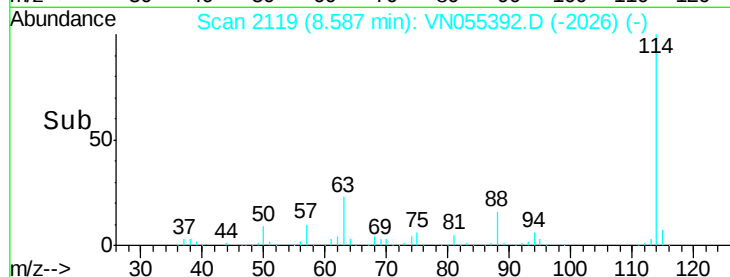
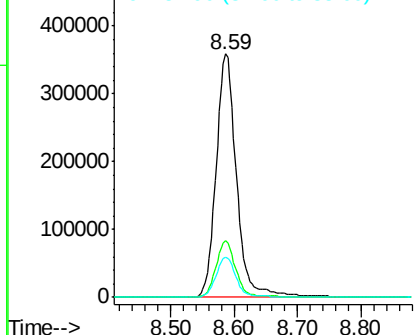
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055392.D
 Acq: 3 May 2019 16:12

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(17-20)DL

Tgt Ion:114 Resp: 802531
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.2
 88 16.3 0.0 31.6

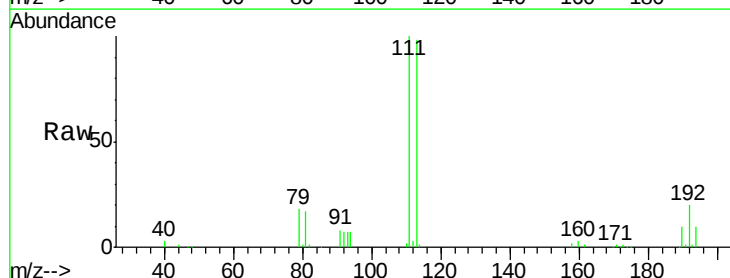


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

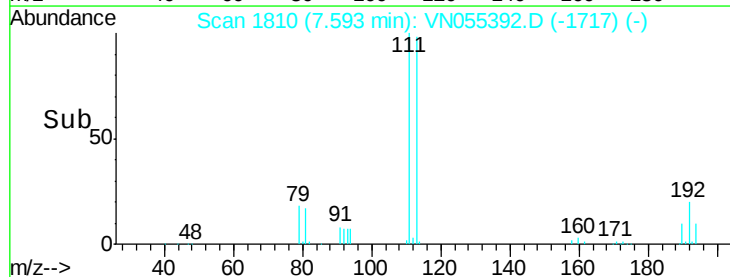
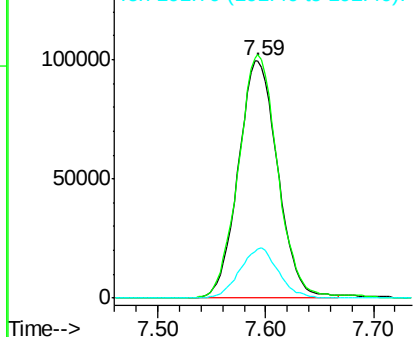


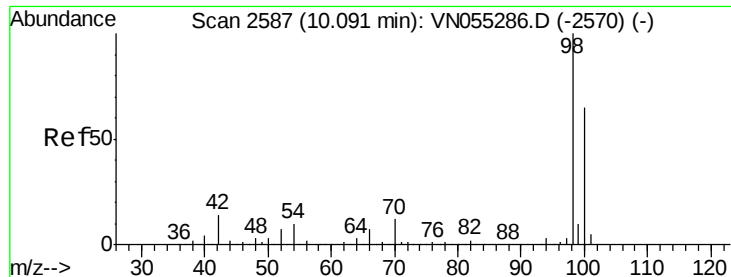
#35
 Dibromofluoromethane
 Concen: 47.982 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055392.D
 Acq: 3 May 2019 16:12

Tgt Ion:113 Resp: 252748
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.3 123.5
 192 20.6 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: 51.644 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

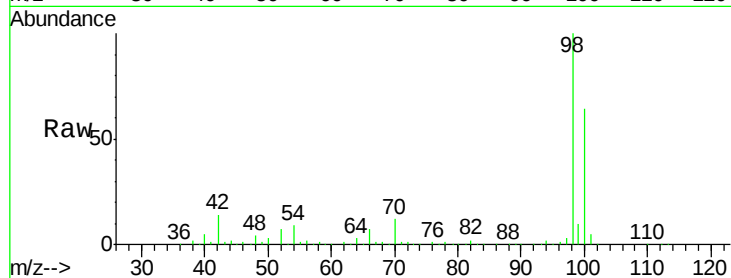
EP1-SB-W2(17-20)DL

Tgt Ion: 98 Resp: 982301

Ion Ratio Lower Upper

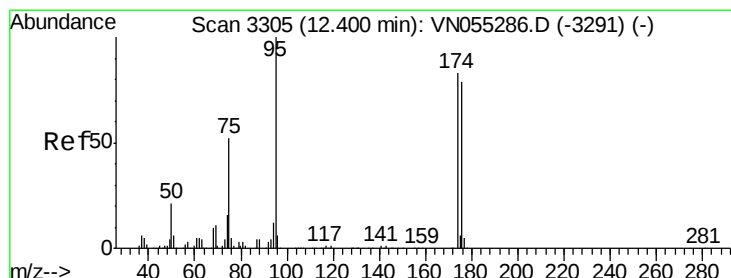
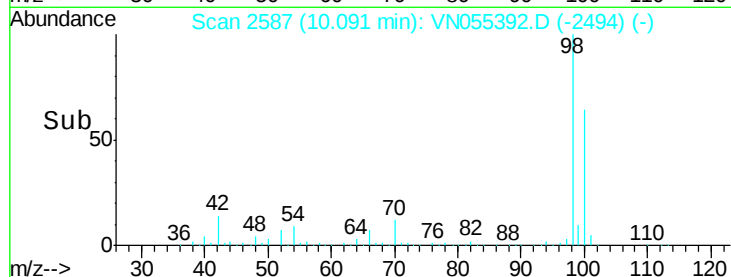
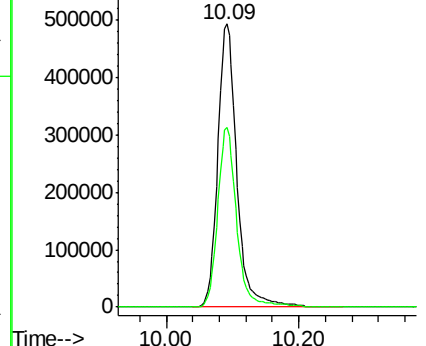
98 100

100 63.4 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: 56.448 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

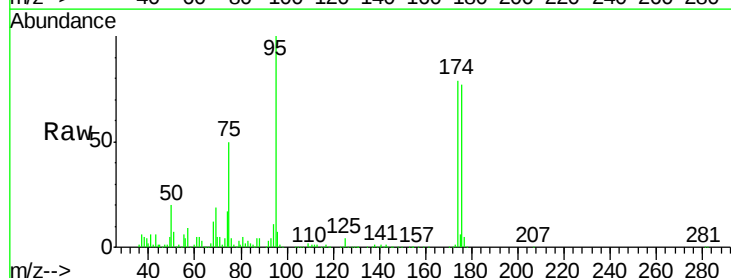
Tgt Ion: 95 Resp: 335558

Ion Ratio Lower Upper

95 100

174 81.3 0.0 166.6

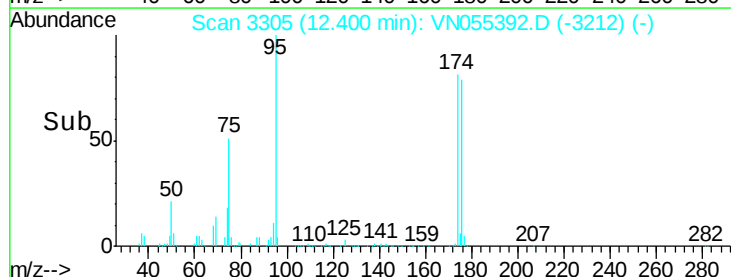
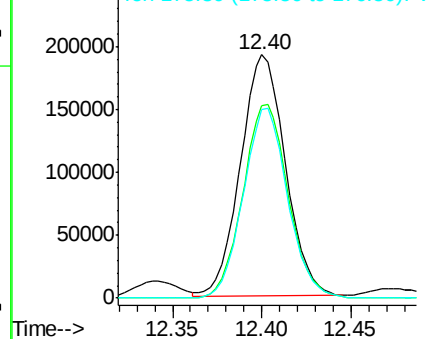
176 77.9 0.0 157.8

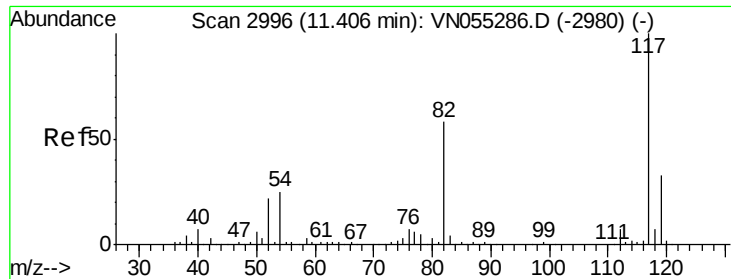


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

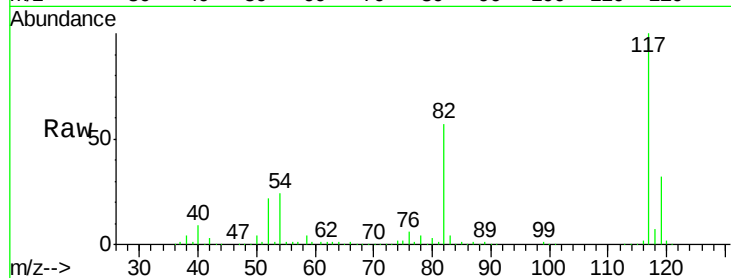




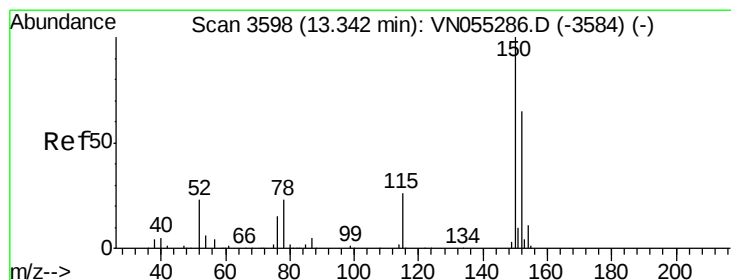
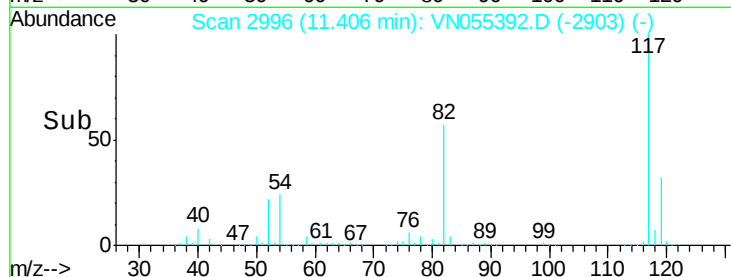
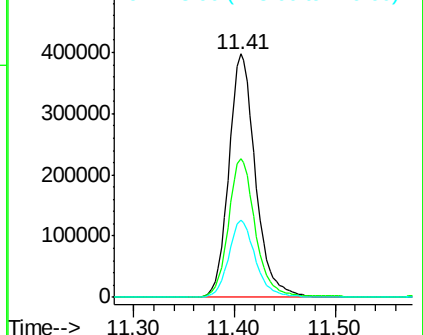
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055392.D
Acq: 3 May 2019 16:12

Instrument :
MSVOA_N
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EP1-SB-W2(17-20)DL

Tgt Ion:117 Resp: 731054
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 31.7 26.6 40.0

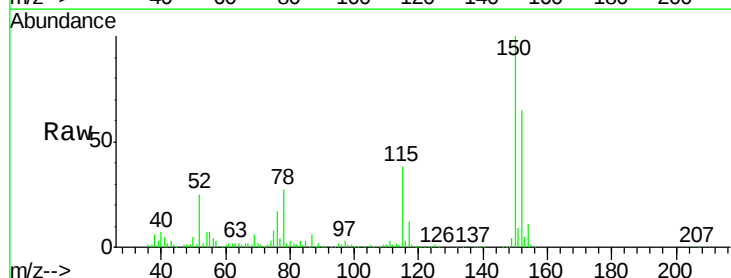


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

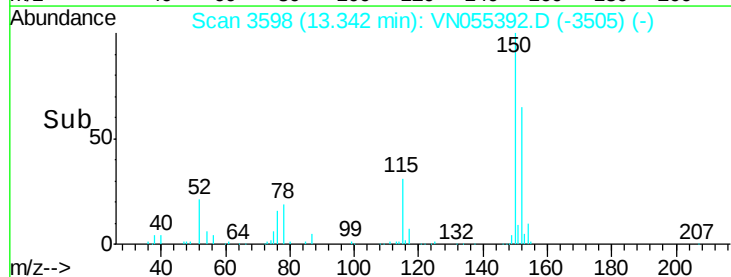
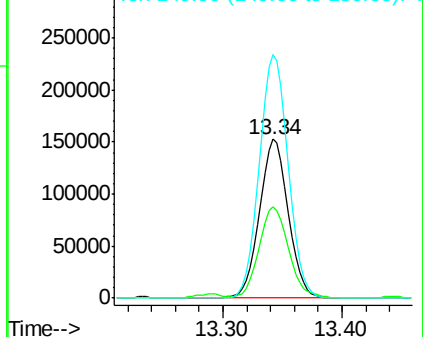


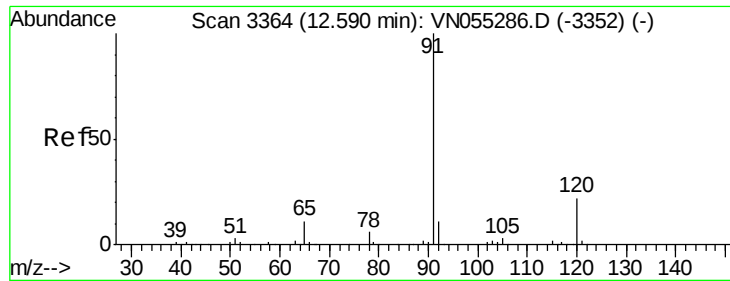
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055392.D
Acq: 3 May 2019 16:12

Tgt Ion:152 Resp: 255488
Ion Ratio Lower Upper
152 100
115 59.1 29.0 87.0
150 153.1 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: 4.636 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

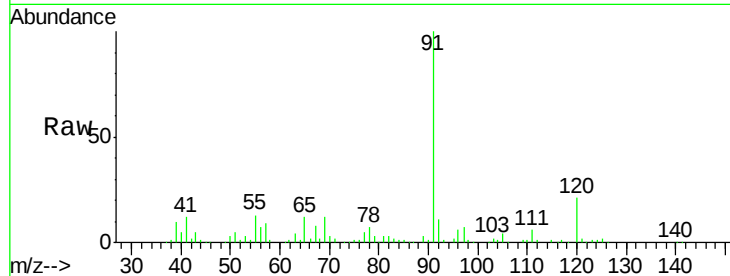
EP1-SB-W2(17-20)DL

Tgt Ion: 91 Resp: 121655

Ion Ratio Lower Upper

91 100

120 21.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN055392.D (-3271) (-)

Ion 120.00 (119.70 to 120.70): VN055392.D (-3271) (-)

12.59

80000

60000

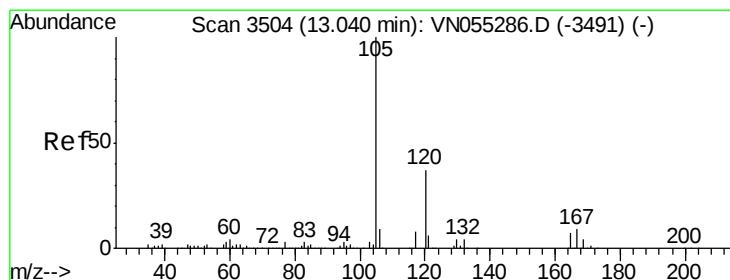
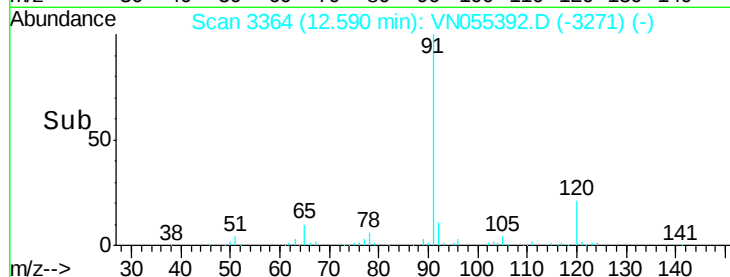
40000

20000

0

Time-->

12.50 12.55 12.60 12.65



#84

1,2,4-Trimethylbenzene

Concen: 38.601 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055392.D

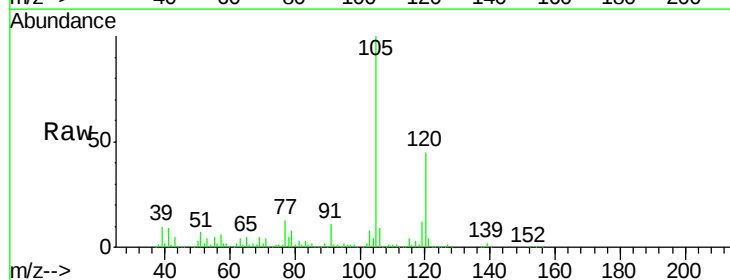
Acq: 3 May 2019 16:12

Tgt Ion: 105 Resp: 691475

Ion Ratio Lower Upper

105 100

120 44.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): VN055392.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN055392.D (-3411) (-)

13.04

500000

400000

300000

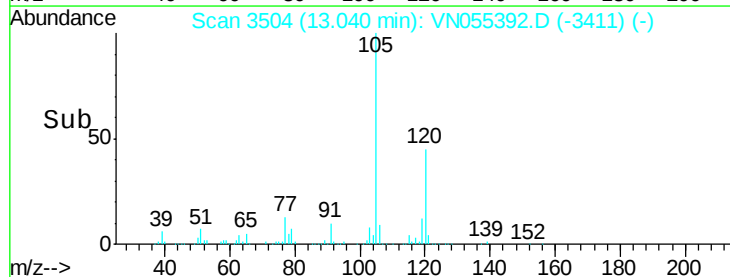
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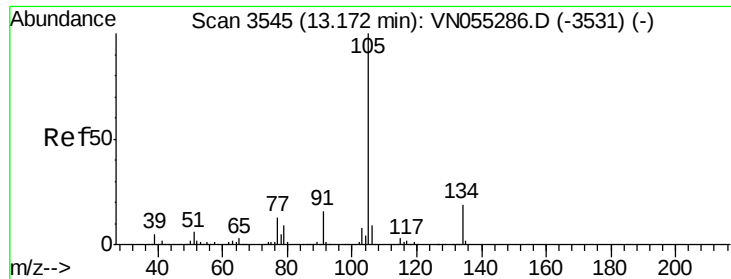
100000

0

Time-->

13.00 13.10





#85

sec-Butylbenzene

Concen: 3.367 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

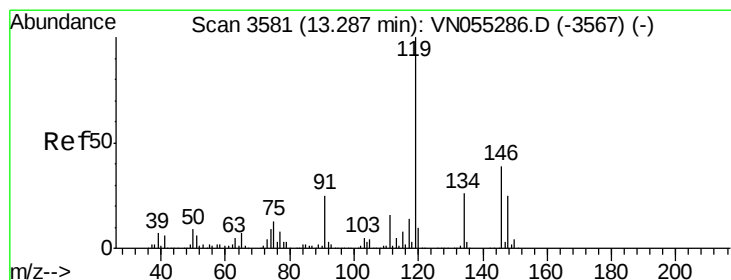
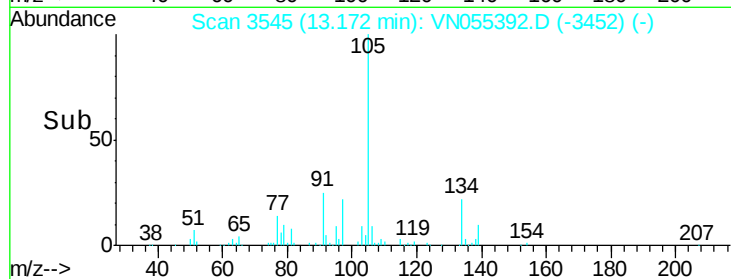
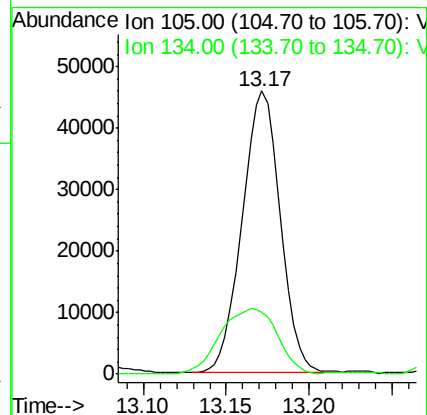
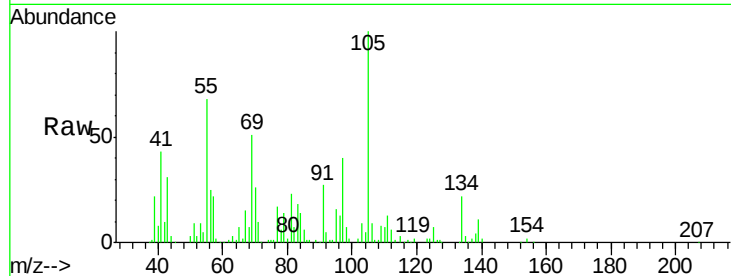
EP1-SB-W2(17-20)DL

Tgt Ion:105 Resp: 73290

Ion Ratio Lower Upper

105 100

134 34.7 9.6 28.8#



#86

p-Isopropyltoluene

Concen: 4.210 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

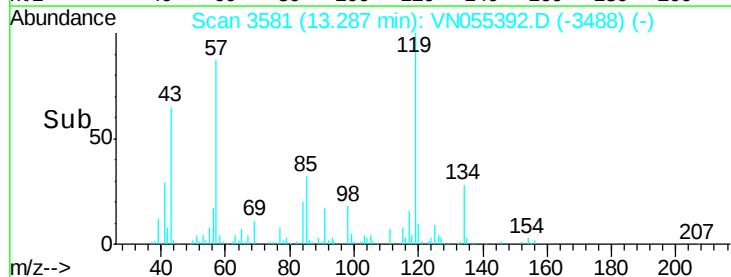
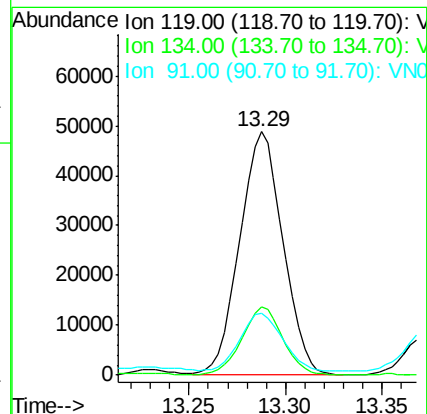
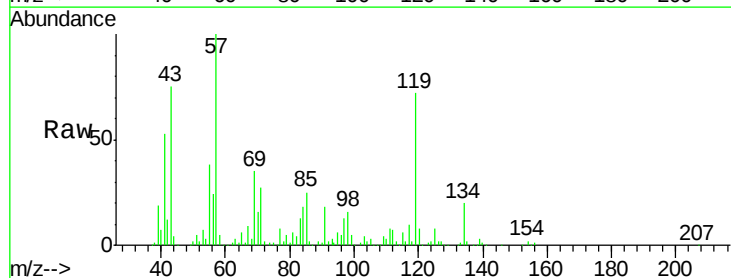
Tgt Ion:119 Resp: 75328

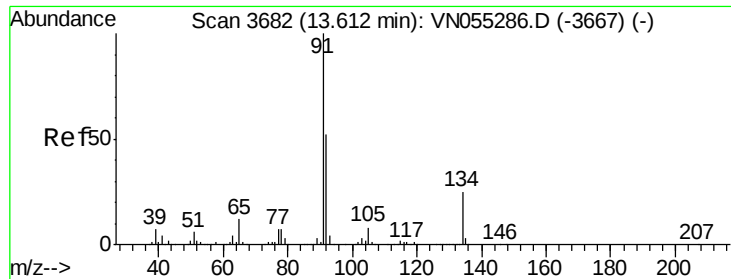
Ion Ratio Lower Upper

119 100

134 26.6 13.0 38.9

91 23.4 12.2 36.6





#89

n-Butylbenzene

Concen: 3.662 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055392.D

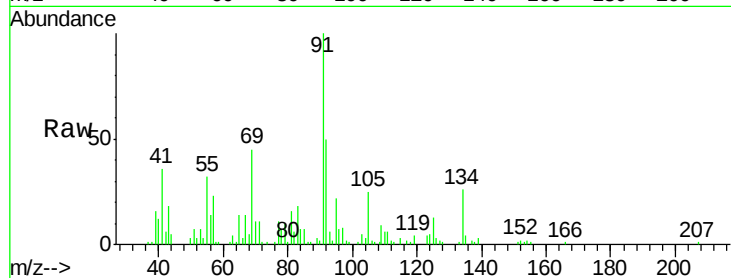
Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)DL



Tgt Ion:	91	Resp:	46559
Ion	Ratio	Lower	Upper
91	100		
92	48.3	26.1	78.3
134	61.3	12.4	37.4#

