

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055720.D
 Acq On : 21 May 2019 19:31
 Operator : JC/SP
 Sample : K2977-07 50X
 Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-FD-02

Quant Time: May 22 06:42:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

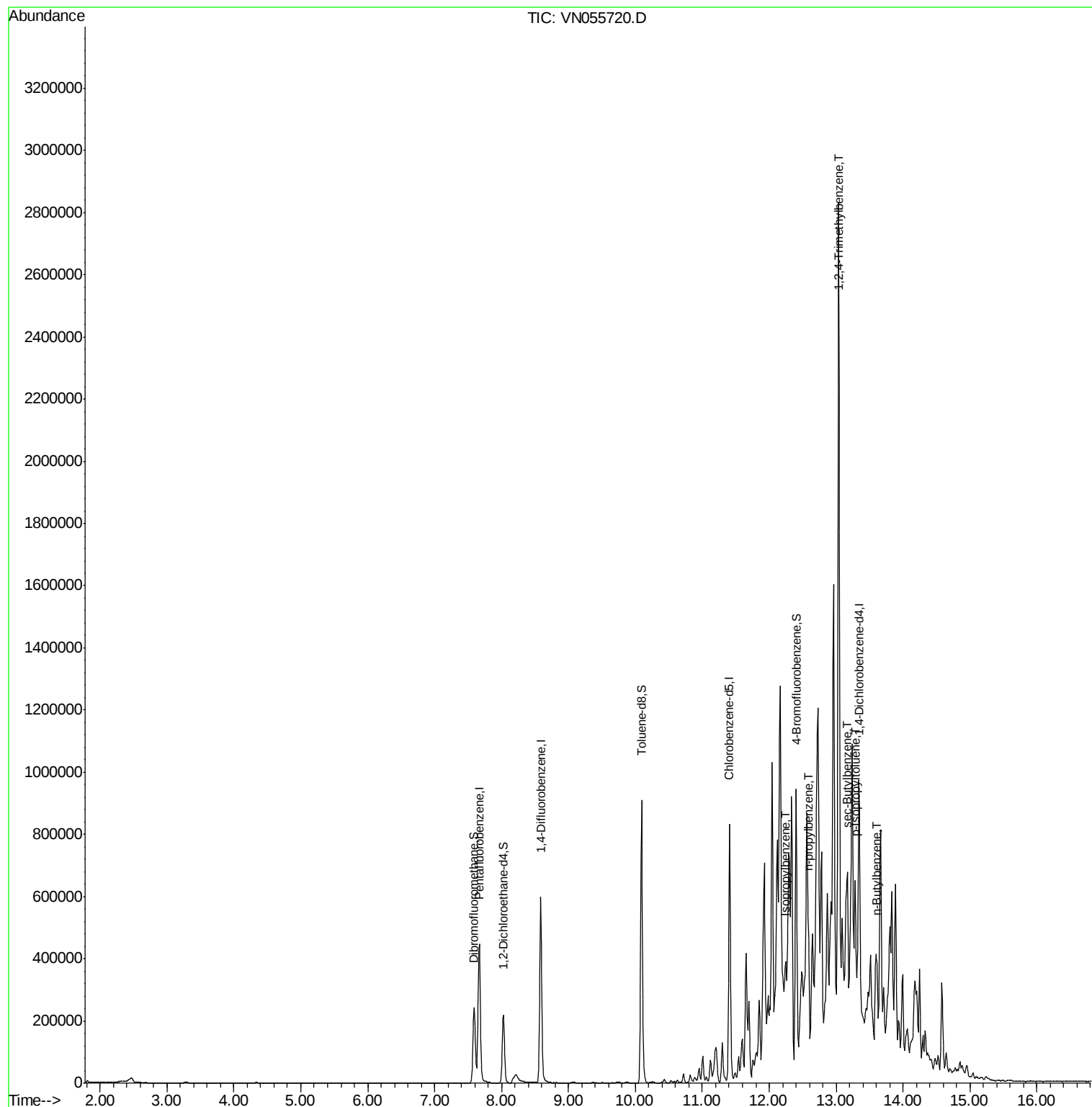
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	458711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	613938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	537506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	242399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	190129	37.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.62%	
35) Dibromofluoromethane	7.59	113	184321	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
50) Toluene-d8	10.09	98	702948	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	12.40	95	252378	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
Target Compounds						
73) Isopropylbenzene	12.25	105	84303	2.676	ug/l	99
78) n-propylbenzene	12.59	91	258119	11.991	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1472999	103.385	ug/l	98
85) sec-Butylbenzene	13.17	105	191248	10.095	ug/l #	65
86) p-Isopropyltoluene	13.29	119	105831	5.458	ug/l	99
89) n-Butylbenzene	13.61	91	134184	10.088	ug/l #	76

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

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EP1-SB-FD-02

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 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: VN055720.D

Acq: 21 May 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

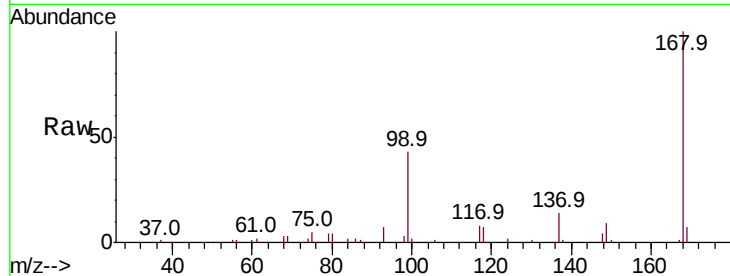
EP1-SB-FD-02

Tot Ion:168 Resp: 458711

Ion Ratio Lower Upper

168 100

99 43.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

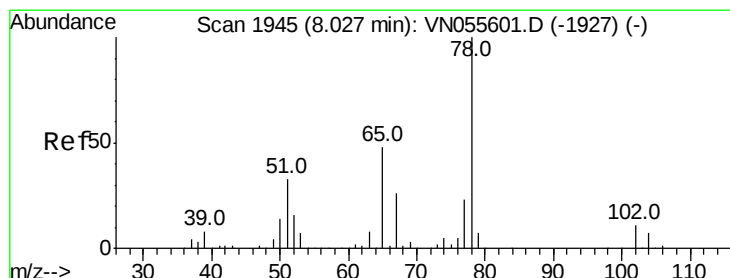
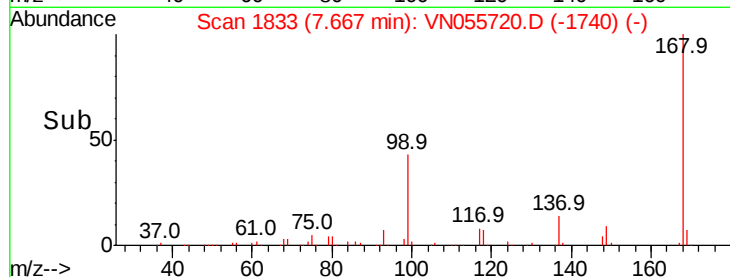
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 37.811 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055720.D

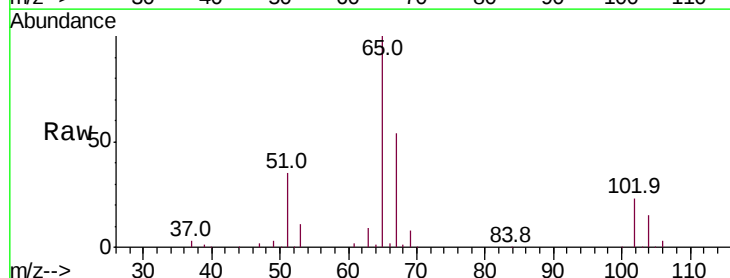
Acq: 21 May 2019 19:31

Tgt Ion: 65 Resp: 190129

Ion Ratio Lower Upper

65 100

67 54.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

80000

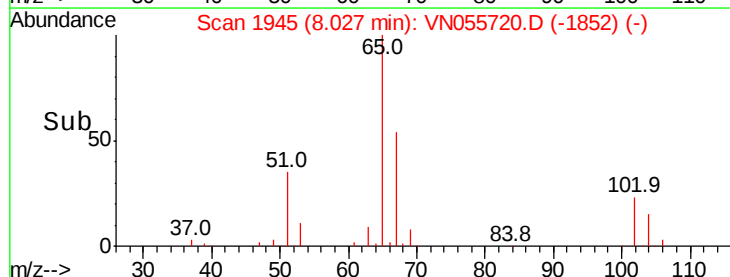
60000

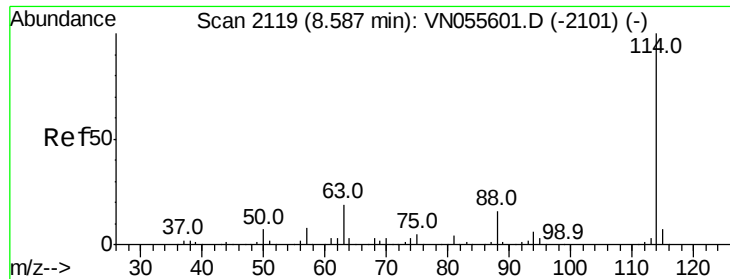
40000

20000

0

Time--> 7.90 8.00 8.10

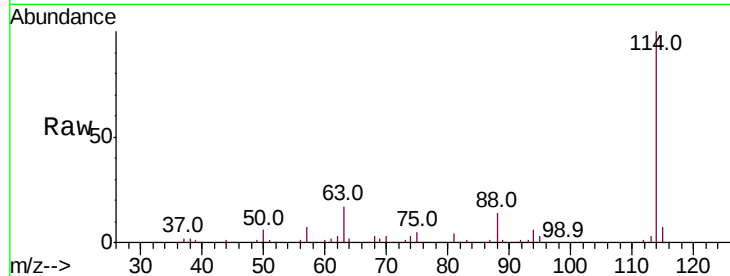




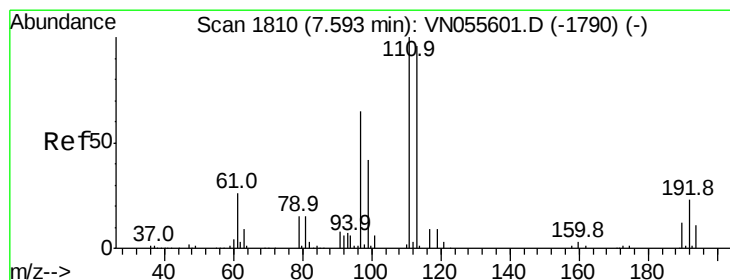
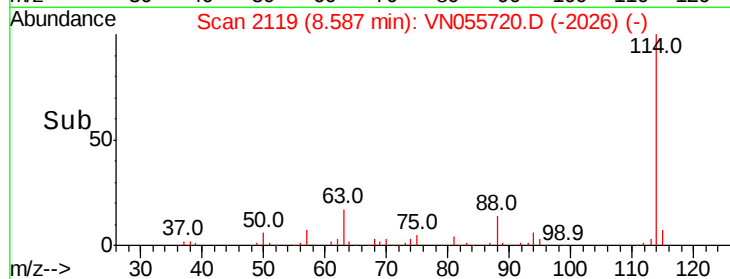
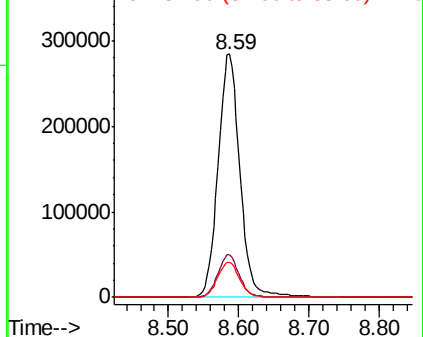
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055720.D
 Acq: 21 May 2019 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-FD-02

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	38.2
88	14.4	0.0	31.0

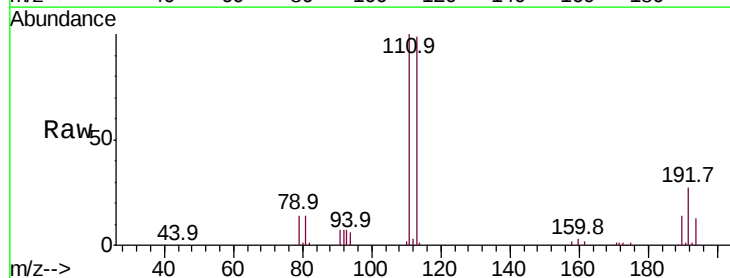


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

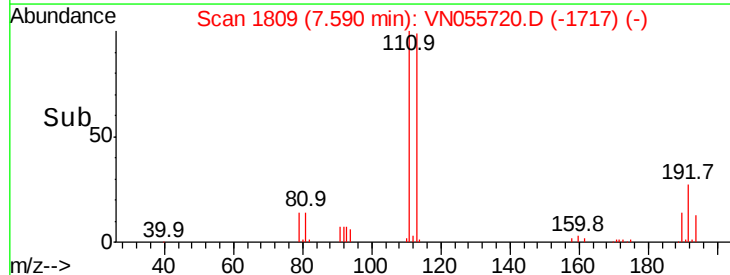
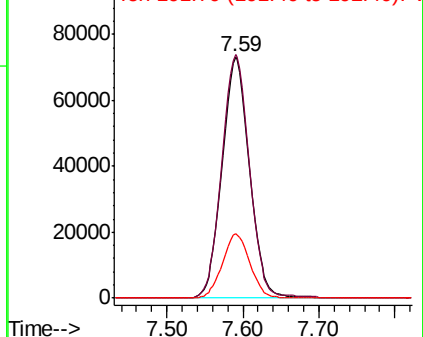


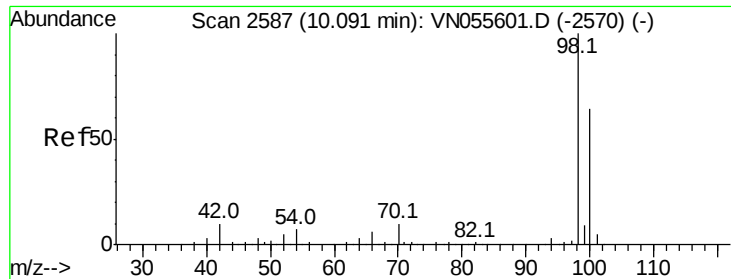
#35
 Dibromofluoromethane
 Concen: 47.262 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055720.D
 Acq: 21 May 2019 19:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.5	123.7
192	26.5	18.7	28.1



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: 47.669 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055720.D

Acq: 21 May 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

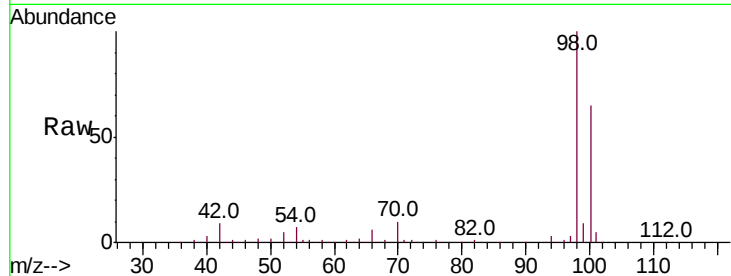
EP1-SB-FD-02

Tot Ion: 98 Resp: 702948

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

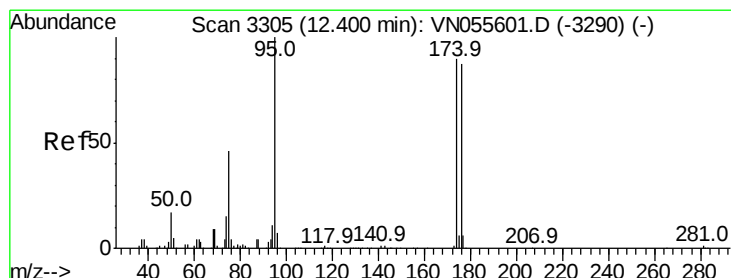
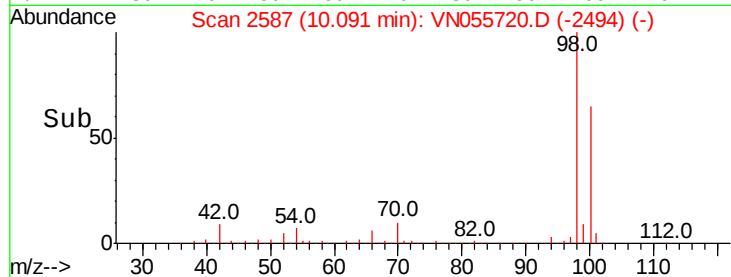
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.562 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055720.D

Acq: 21 May 2019 19:31

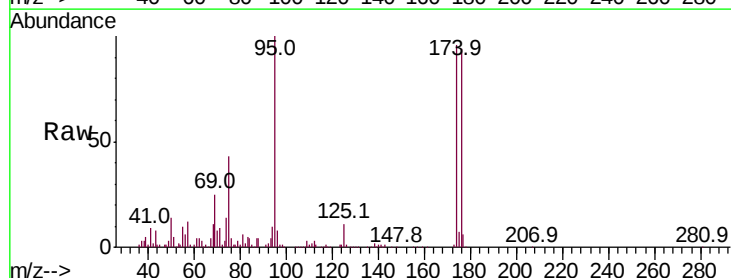
Tgt Ion: 95 Resp: 252378

Ion Ratio Lower Upper

95 100

174 95.8 0.0 180.6

176 94.1 0.0 177.4



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

200000

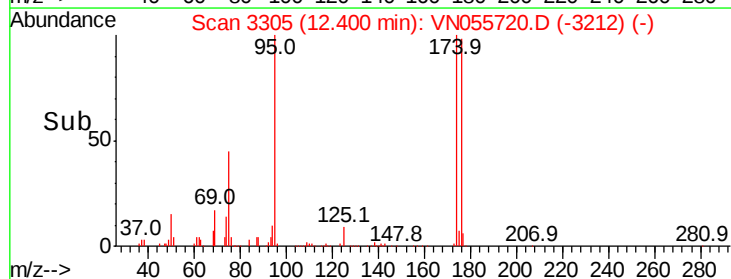
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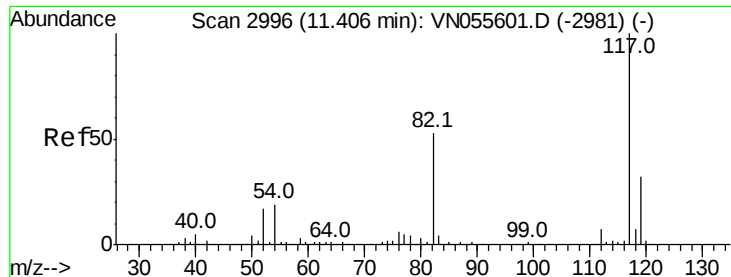
100000

50000

0

Time-->

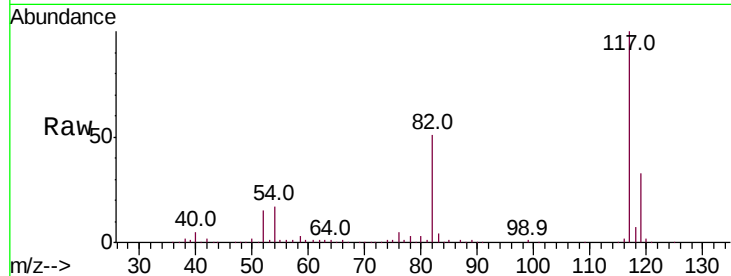




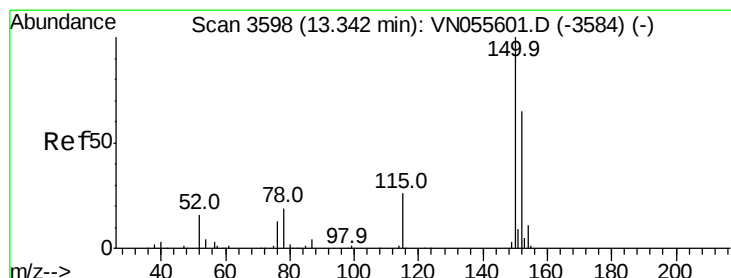
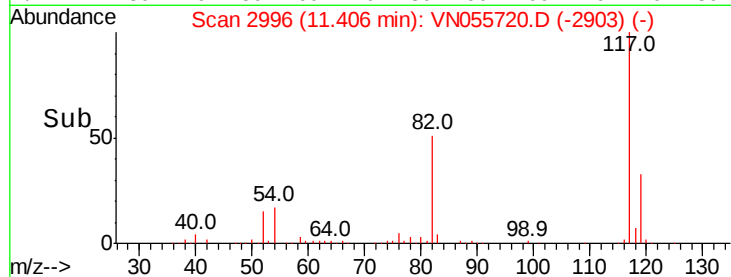
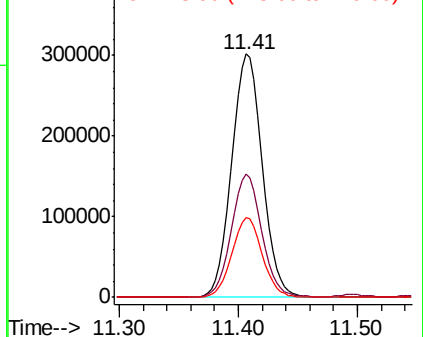
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055720.D
Acq: 21 May 2019 19:31

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-FD-02

Tot Ion:117 Resp: 537506
Ion Ratio Lower Upper
117 100
82 50.3 42.3 63.5
119 32.6 25.4 38.2

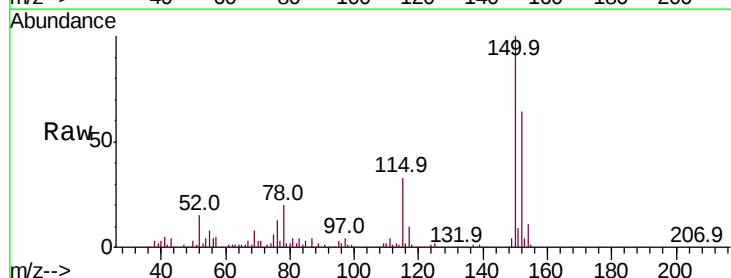


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

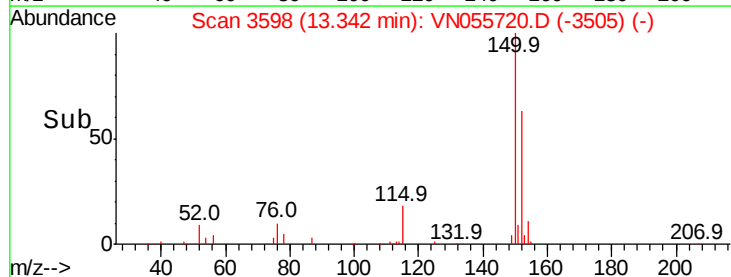
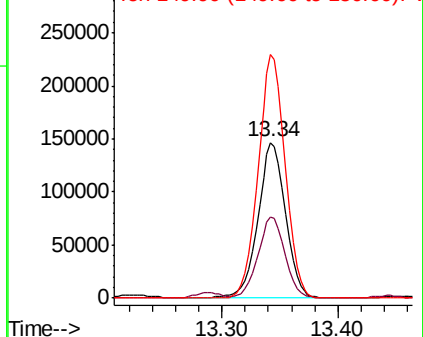


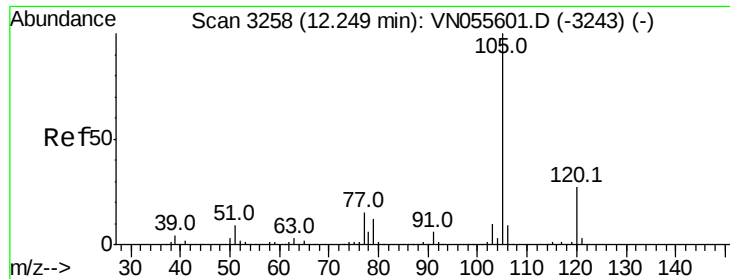
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055720.D
Acq: 21 May 2019 19:31

Tgt Ion:152 Resp: 242399
Ion Ratio Lower Upper
152 100
115 51.0 28.1 84.2
150 153.2 0.0 348.0



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





#73

Isopropylbenzene

Concen: 2.676 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055720.D

Acq: 21 May 2019 19:31

Instrument :

MSVOA_N

ClientSampled :

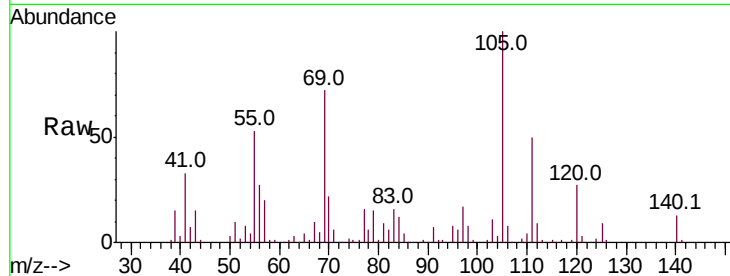
EP1-SB-FD-02

Tot Ion:105 Resp: 84303

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

60000

50000

40000

30000

20000

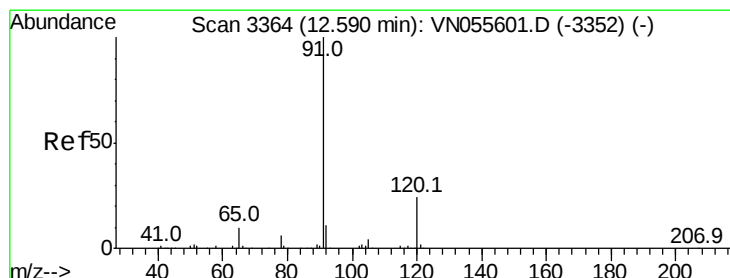
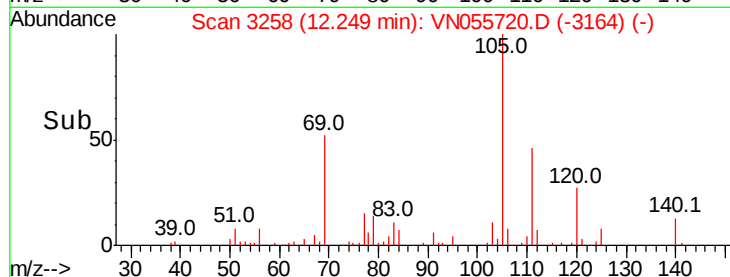
10000

0

12.25

12.20 12.25 12.30

Time-->



#78

n-propylbenzene

Concen: 11.991 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055720.D

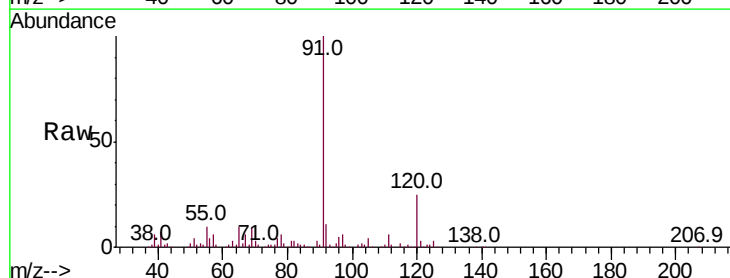
Acq: 21 May 2019 19:31

Tgt Ion: 91 Resp: 258119

Ion Ratio Lower Upper

91 100

120 24.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

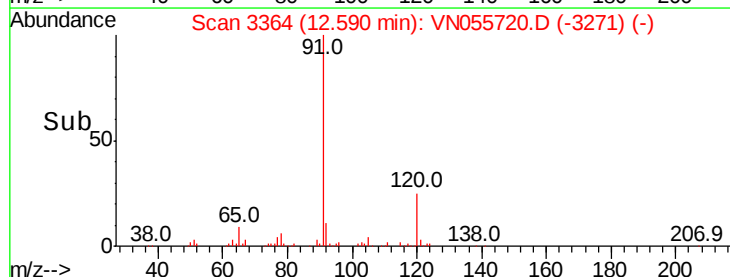
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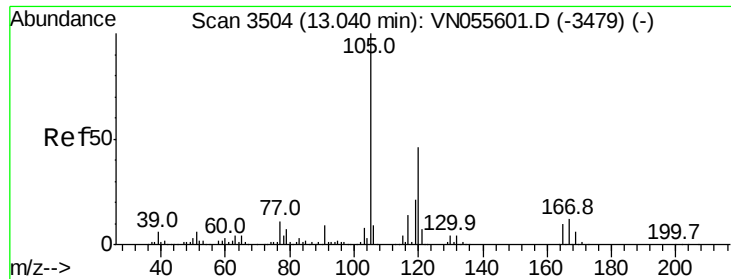
0

12.59

12.50 12.60

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 103.385 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN055720.D

Acq: 21 May 2019 19:31

Instrument :

MSVOA_N

ClientSampled :

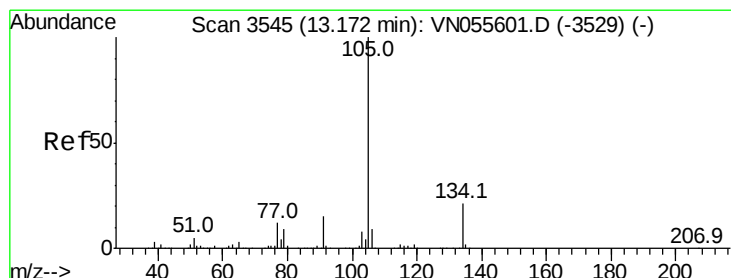
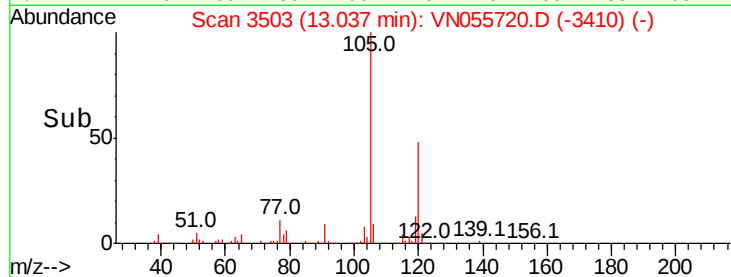
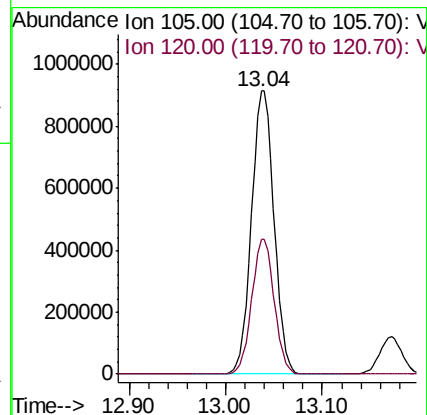
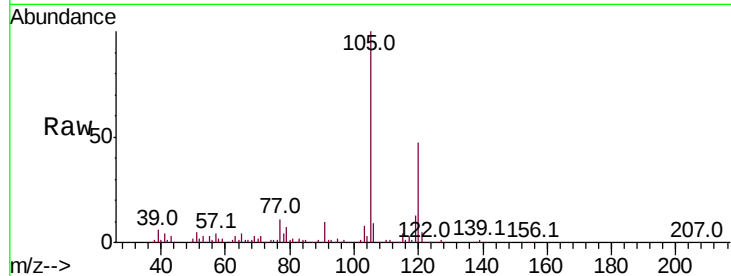
EP1-SB-FD-02

Tot Ion:105 Resp: 1472999

Ion Ratio Lower Upper

105 100

120 47.6 23.1 69.2



#85

sec-Butylbenzene

Concen: 10.095 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055720.D

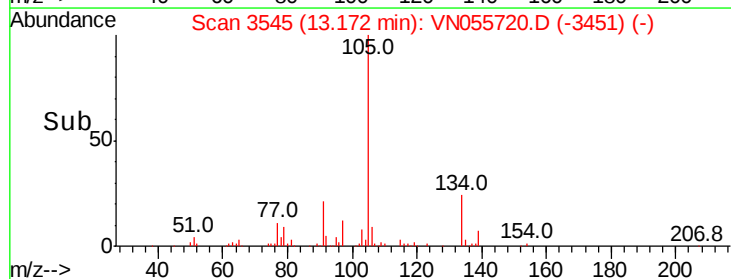
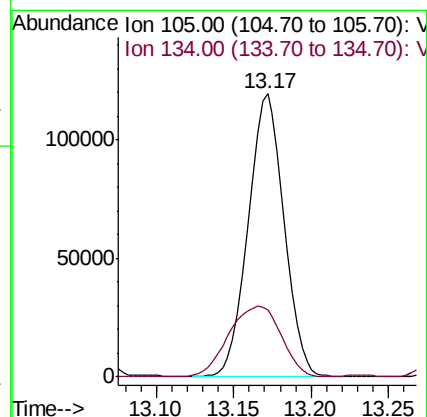
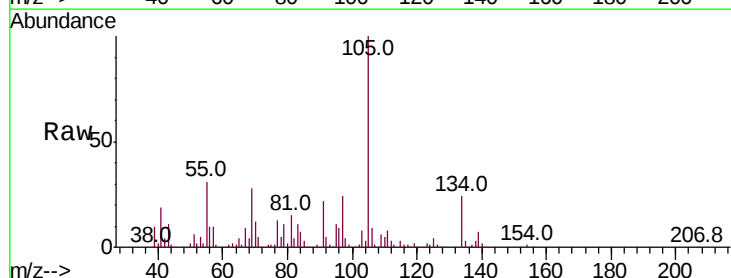
Acq: 21 May 2019 19:31

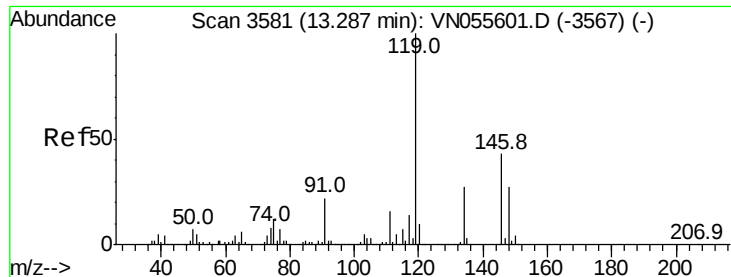
Tgt Ion:105 Resp: 191248

Ion Ratio Lower Upper

105 100

134 36.9 10.3 30.9#

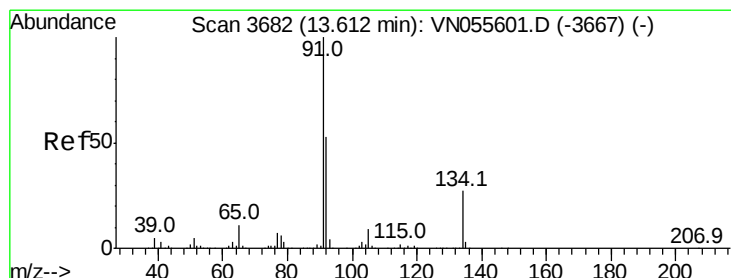
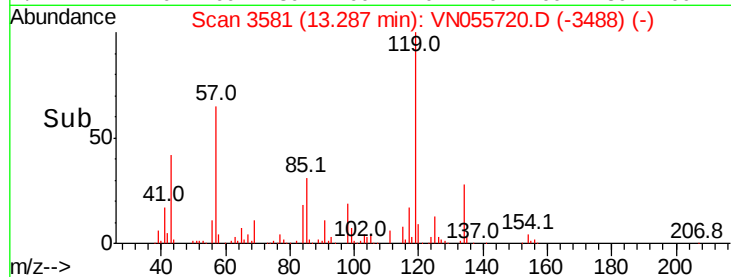
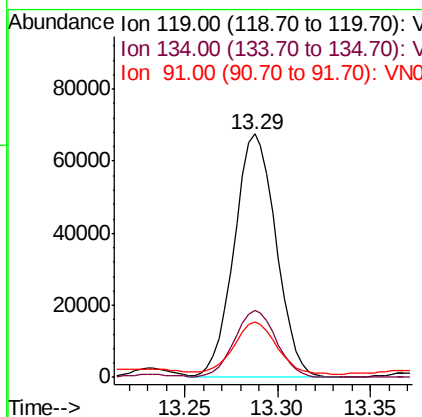
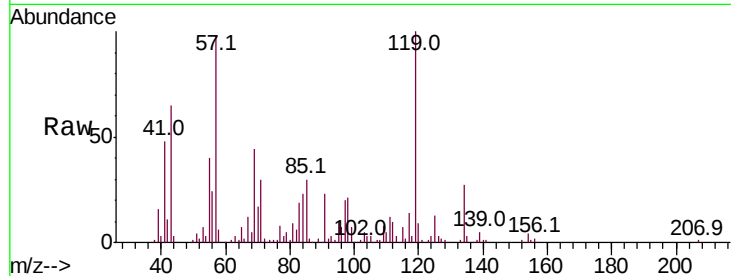




#86
p-Isopropyltoluene
Concen: 5.458 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN055720.D
Acq: 21 May 2019 19:31

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-FD-02

Tot Ion:119 Resp: 105831
Ion Ratio Lower Upper
119 100
134 27.6 13.4 40.2
91 21.6 11.0 33.0



#89
n-Butylbenzene
Concen: 10.088 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055720.D
Acq: 21 May 2019 19:31

Tgt Ion: 91 Resp: 134184
Ion Ratio Lower Upper
91 100
92 49.0 26.4 79.0
134 58.8 13.7 41.1#

