

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055790.D
 Acq On : 24 May 2019 12:47
 Operator : JC/SP
 Sample : K2977-07 50X
 Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: May 24 14:08:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

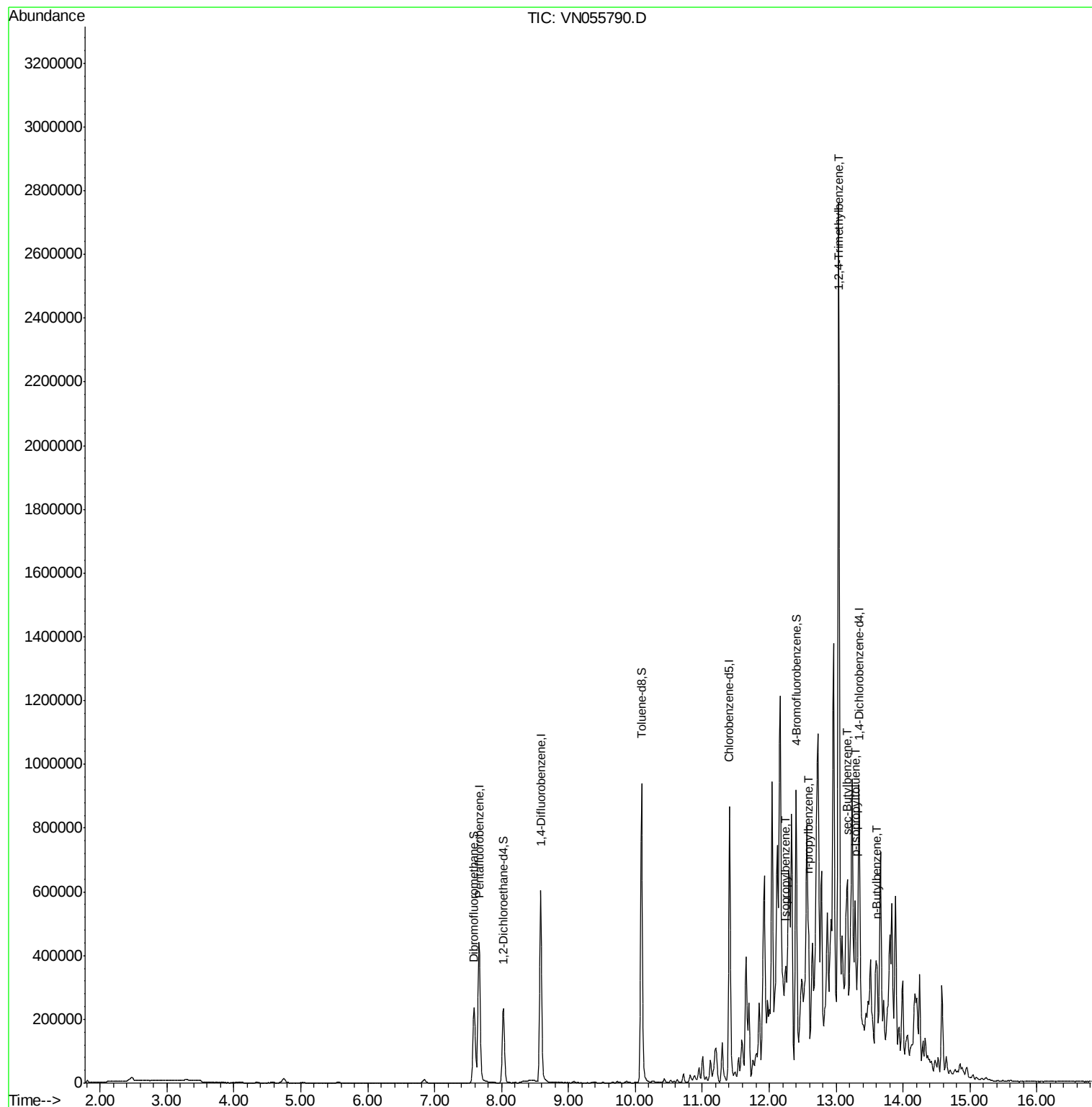
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	433650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	607496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	560428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	238849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	197692	44.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.28%	
35) Dibromofluoromethane	7.59	113	181750	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
50) Toluene-d8	10.09	98	715834	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.40	95	251650	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
Target Compounds						
73) Isopropylbenzene	12.25	105	85340	2.489	ug/l	99
78) n-propylbenzene	12.59	91	264649	12.748	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1435365	103.014	ug/l	99
85) sec-Butylbenzene	13.17	105	191420	10.017	ug/l #	70
86) p-Isopropyltoluene	13.29	119	101511	6.120	ug/l	100
89) n-Butylbenzene	13.61	91	132842	10.452	ug/l #	77

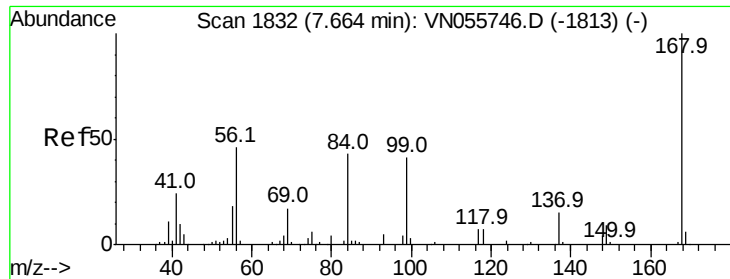
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP1-SB-FD-02

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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055790.D

Acq: 24 May 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

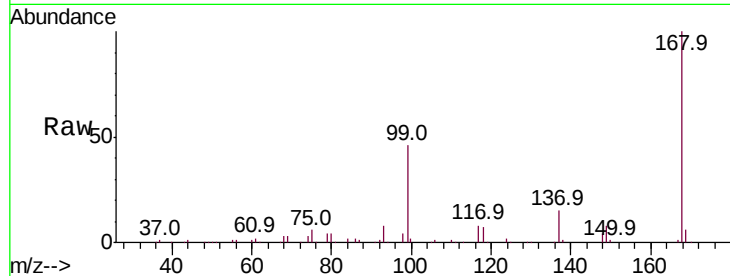
EP1-SB-FD-02

Tot Ion:168 Resp: 433650

Ion Ratio Lower Upper

168 100

99 45.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055746.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055746.D (-1813) (-)

7.66

150000

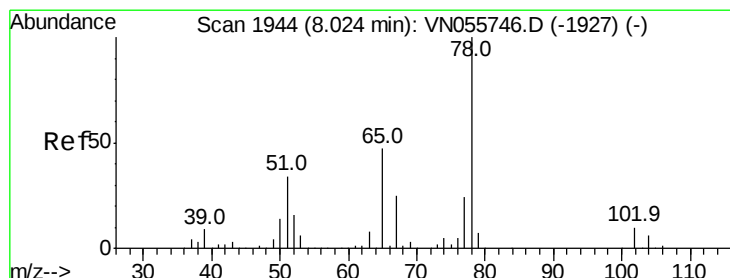
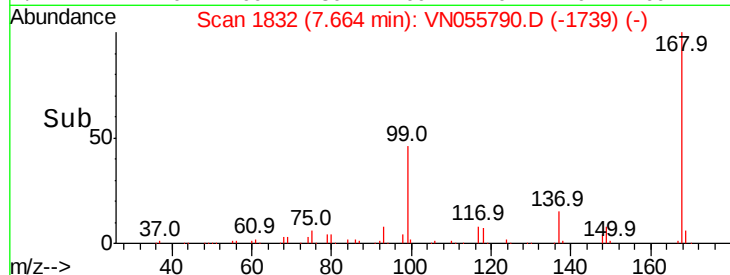
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.144 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055790.D

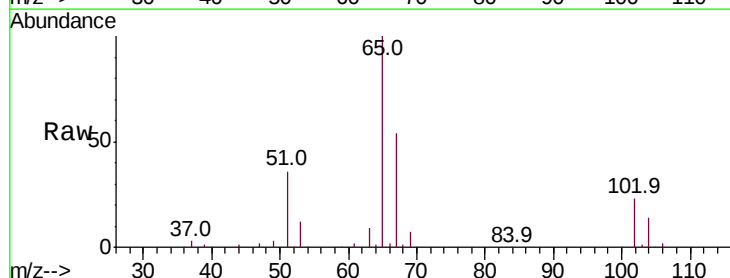
Acq: 24 May 2019 12:47

Tgt Ion: 65 Resp: 197692

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055746.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN055746.D (-1927) (-)

8.03

100000

80000

60000

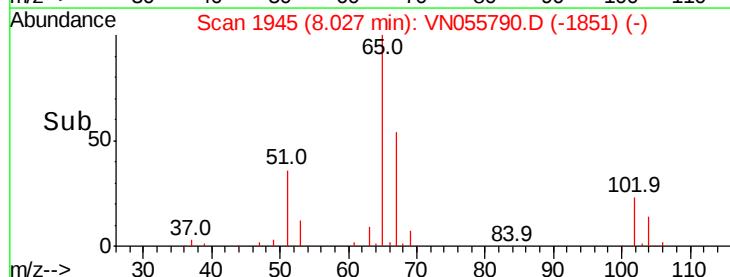
40000

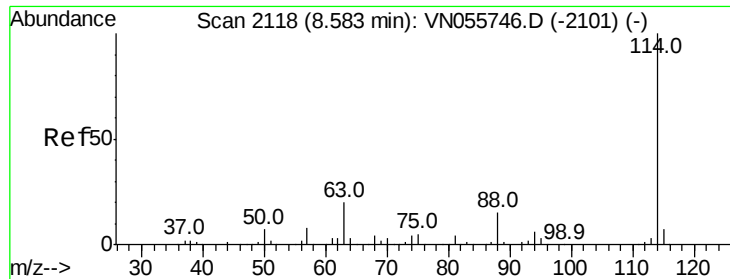
20000

0

7.90 8.00 8.10 8.20

Time-->

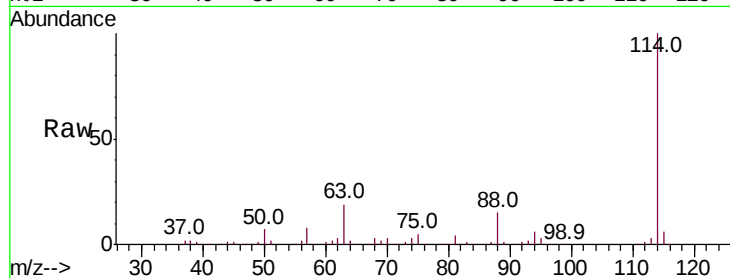




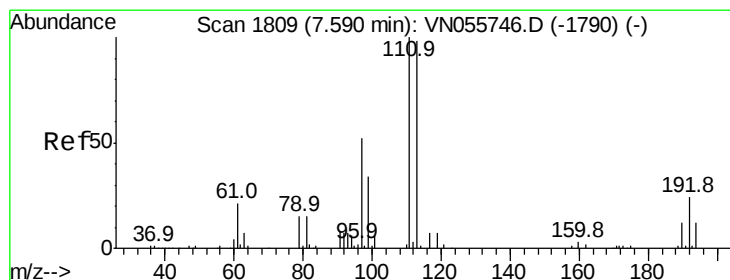
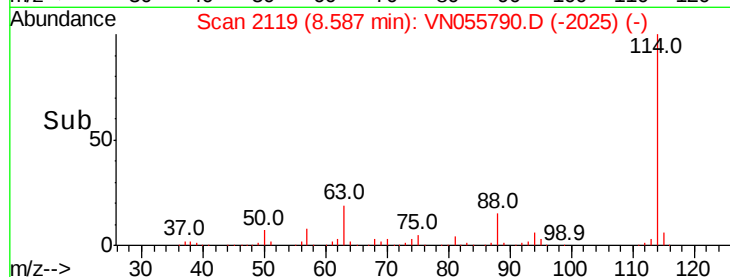
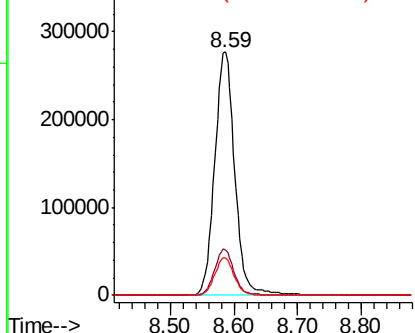
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055790.D
 Acq: 24 May 2019 12:47

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

Tot Ion:114 Resp: 607496
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.3 0.0 31.0

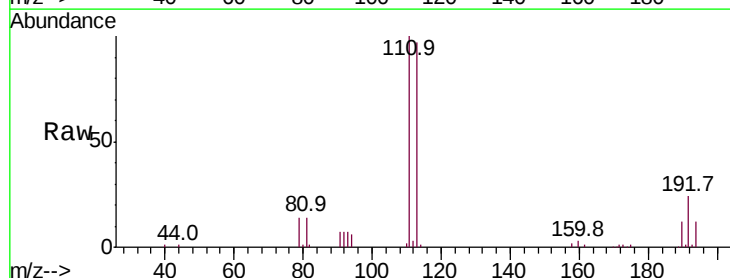


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

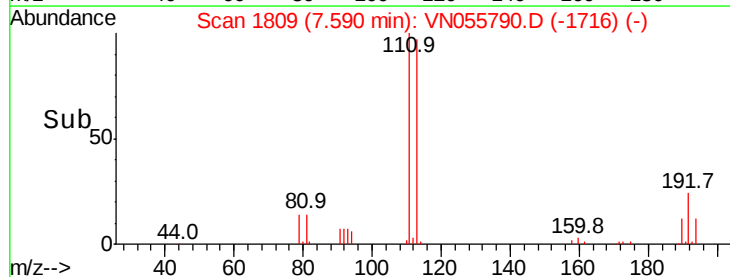
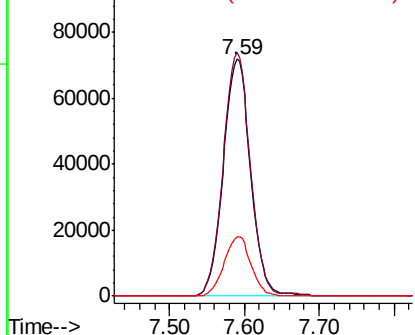


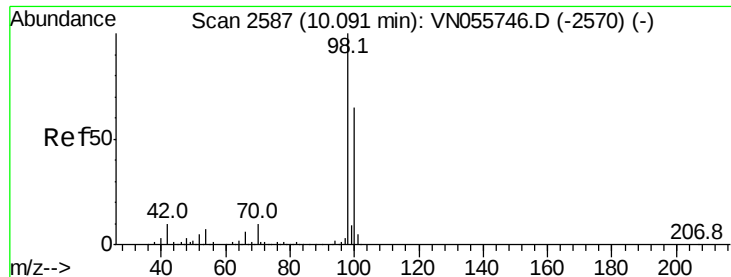
#35
 Dibromofluoromethane
 Concen: 47.321 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055790.D
 Acq: 24 May 2019 12:47

Tgt Ion:113 Resp: 181750
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 24.5 19.5 29.3



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: 48.587 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055790.D

Acq: 24 May 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

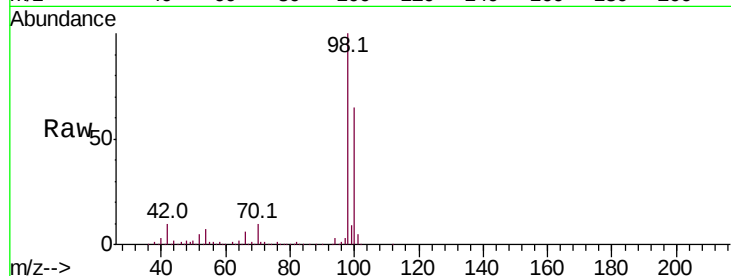
EP1-SB-FD-02

Tot Ion: 98 Resp: 715834

Ion Ratio Lower Upper

98 100

100 64.8 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

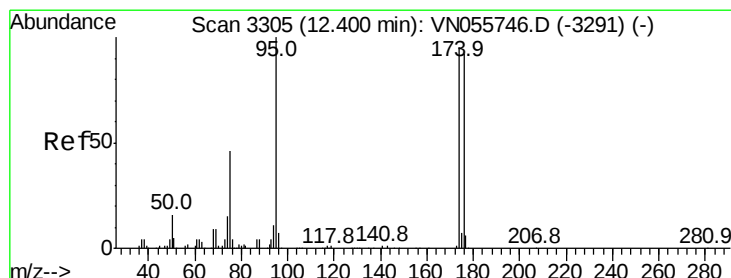
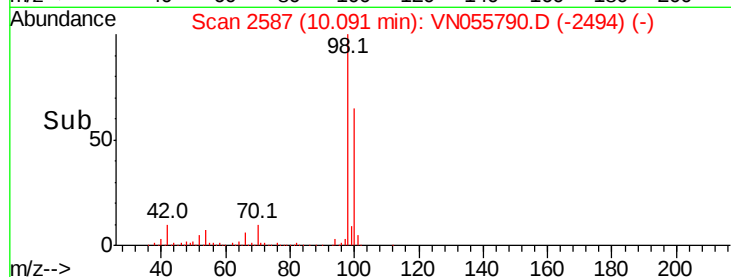
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.814 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055790.D

Acq: 24 May 2019 12:47

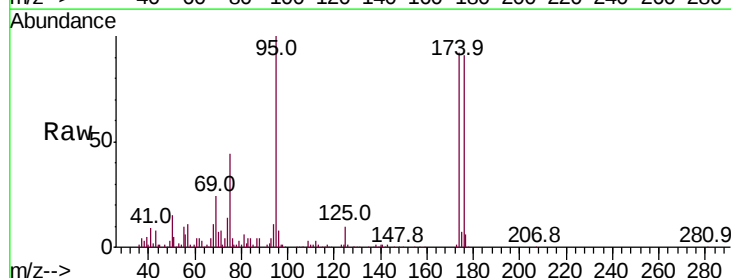
Tgt Ion: 95 Resp: 251650

Ion Ratio Lower Upper

95 100

174 95.8 0.0 191.0

176 93.8 0.0 185.2



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

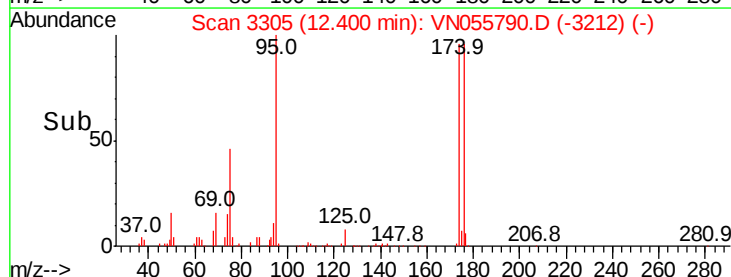
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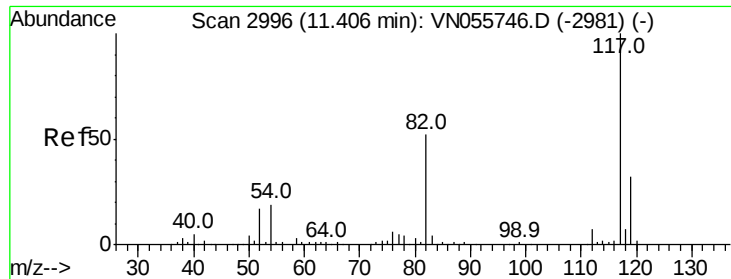
100000

50000

0

Time-->

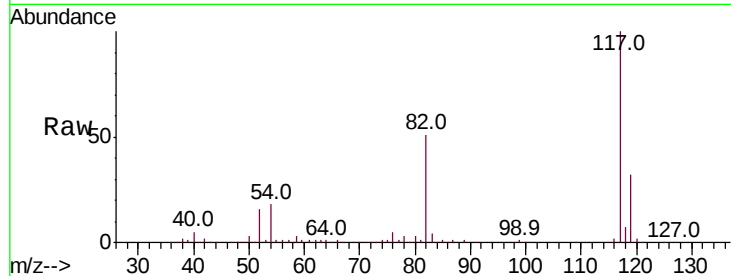




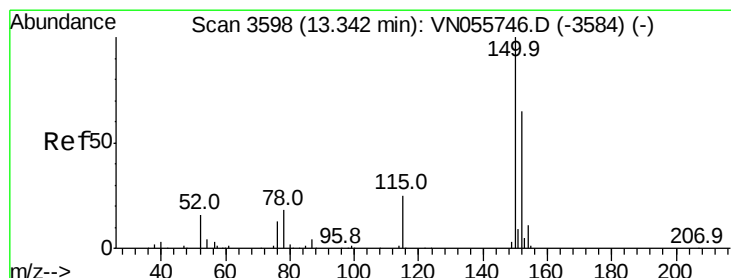
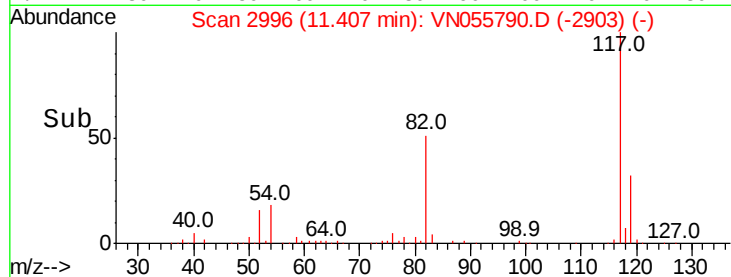
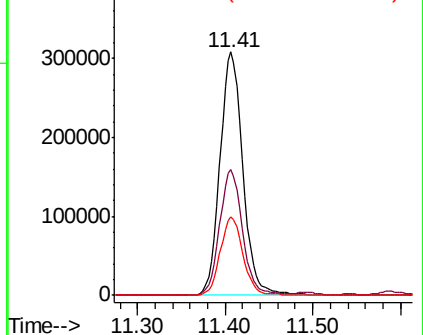
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055790.D
Acq: 24 May 2019 12:47

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

Tot Ion:117 Resp: 560428
Ion Ratio Lower Upper
117 100
82 51.1 41.8 62.8
119 32.2 25.4 38.0

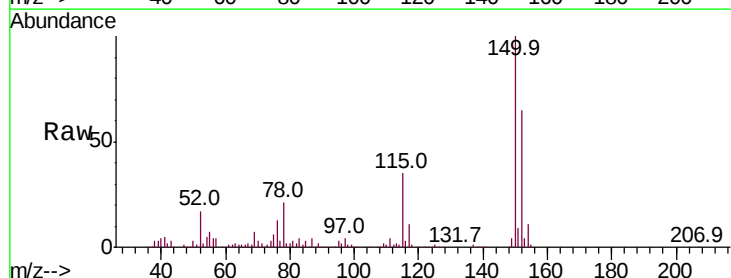


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

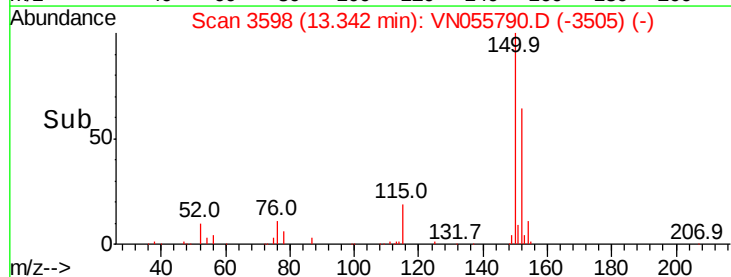
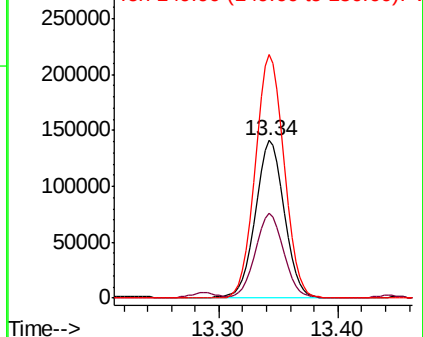


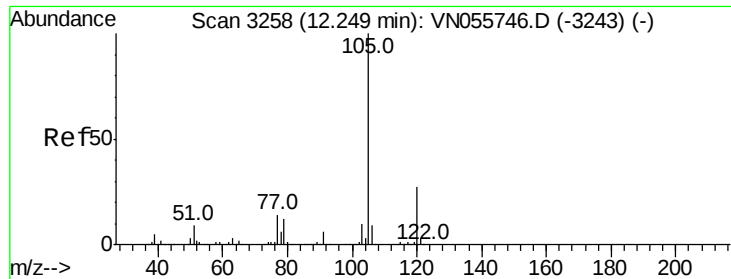
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055790.D
Acq: 24 May 2019 12:47

Tgt Ion:152 Resp: 238849
Ion Ratio Lower Upper
152 100
115 52.5 27.0 81.0
150 153.0 0.0 343.2



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: 2.489 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055790.D

Acq: 24 May 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

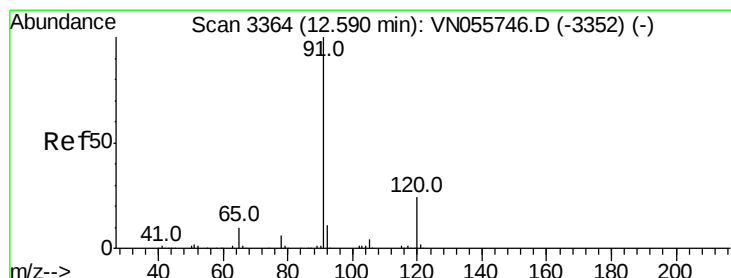
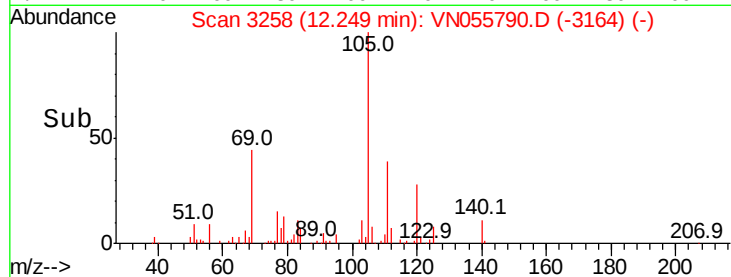
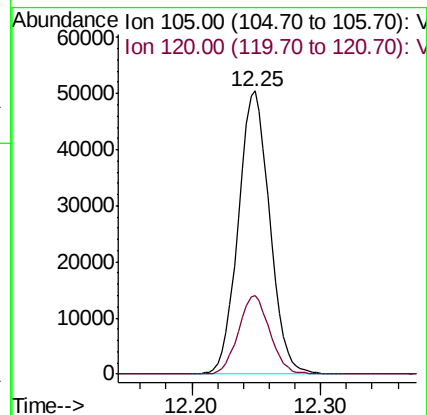
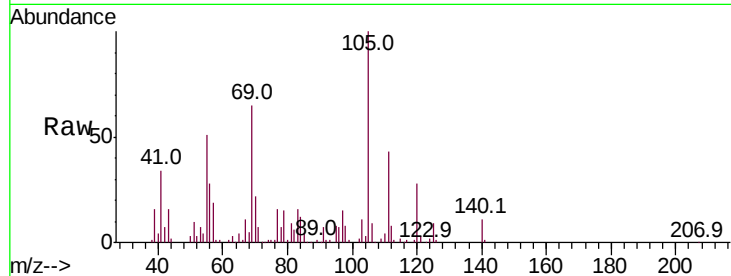
EP1-SB-FD-02

Tot Ion:105 Resp: 85340

Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.7



#78

n-propylbenzene

Concen: 12.748 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055790.D

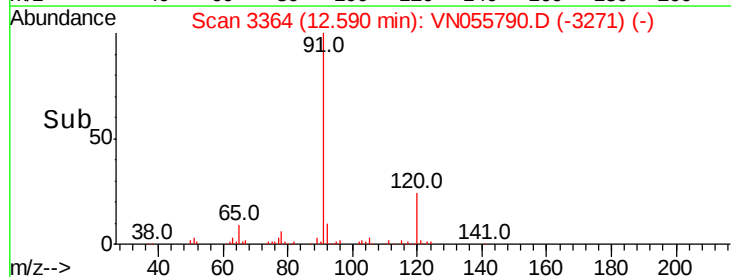
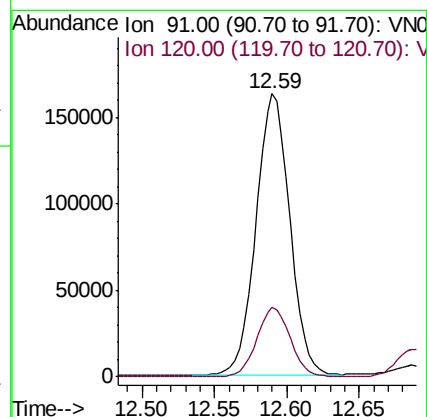
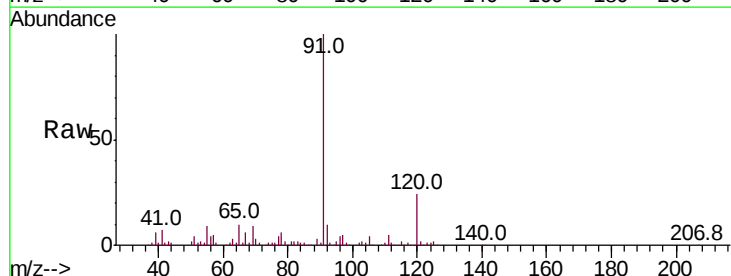
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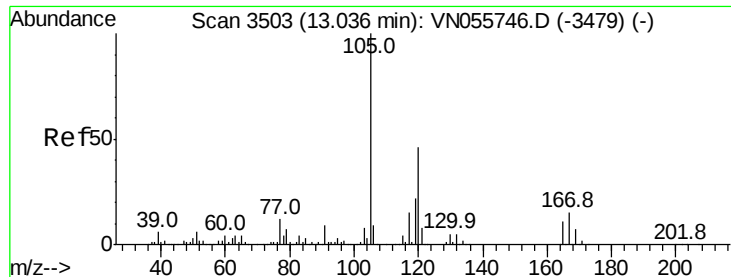
Tgt Ion: 91 Resp: 264649

Ion Ratio Lower Upper

91 100

120 24.4 12.0 36.0

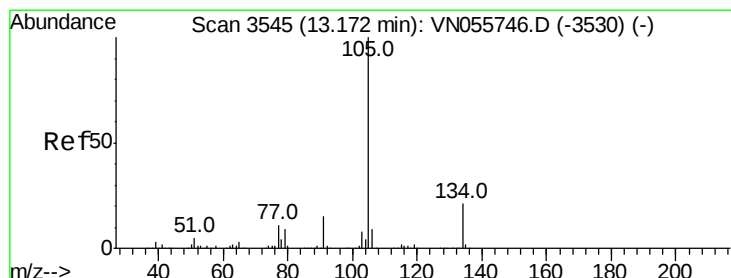
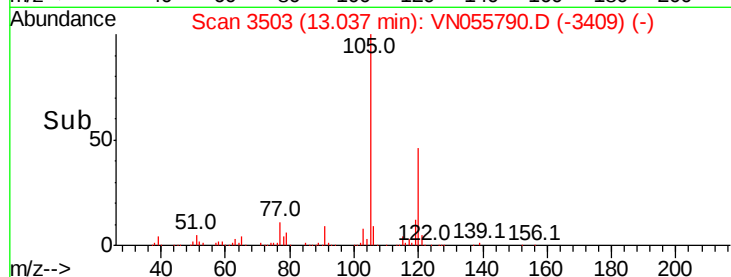
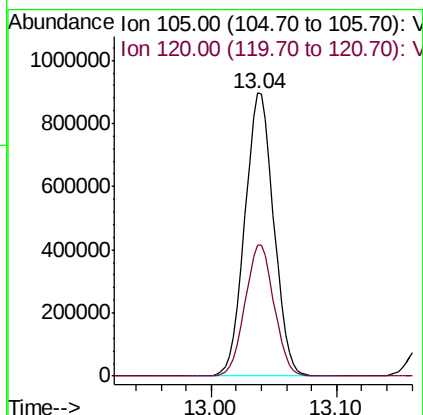
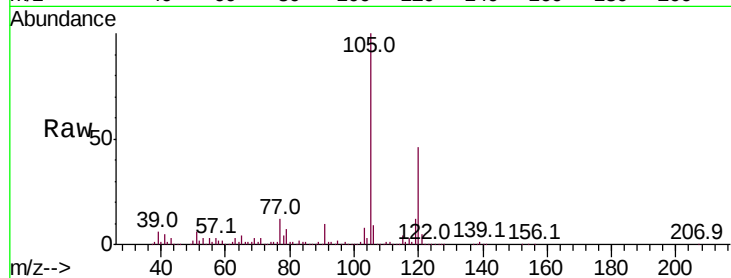




#84
 1,2,4-Trimethylbenzene
 Concen: 103.014 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN055790.D
 Acq: 24 May 2019 12:47

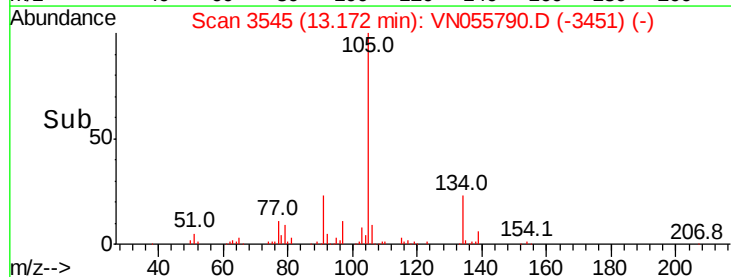
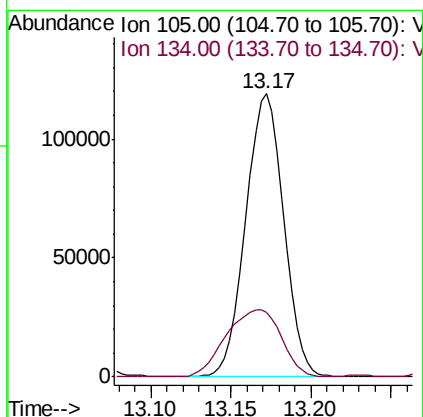
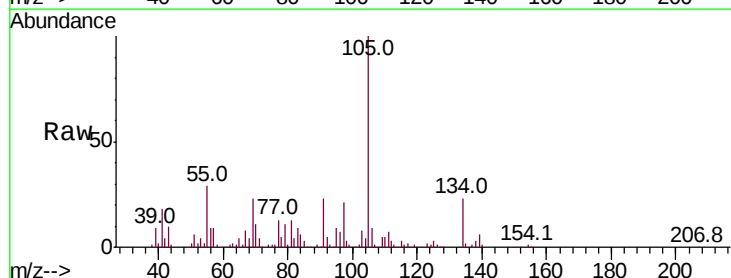
Instrument :
 MSVOA_N
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 EP1-SB-FD-02

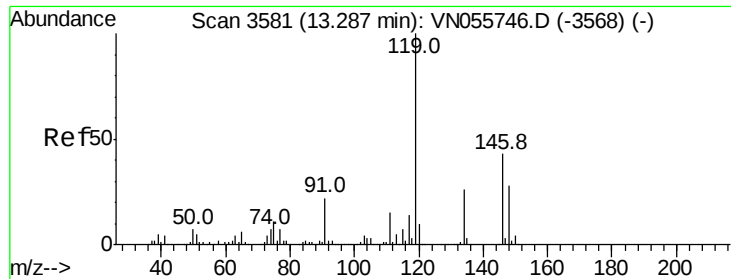
Tot Ion:105 Resp: 1435365
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 10.017 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055790.D
 Acq: 24 May 2019 12:47

Tgt Ion:105 Resp: 191420
 Ion Ratio Lower Upper
 105 100
 134 34.9 10.4 31.2#

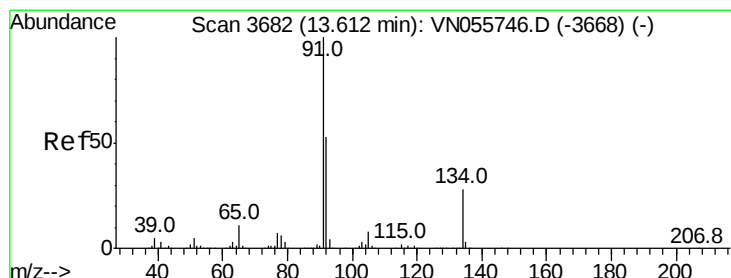
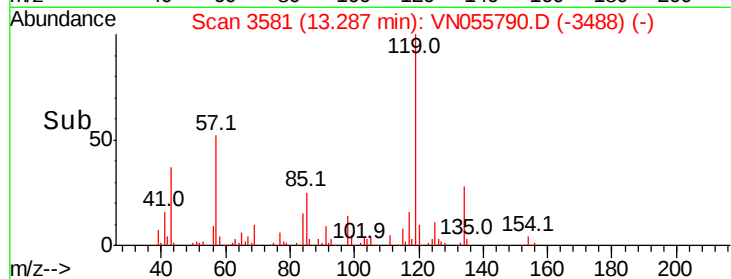
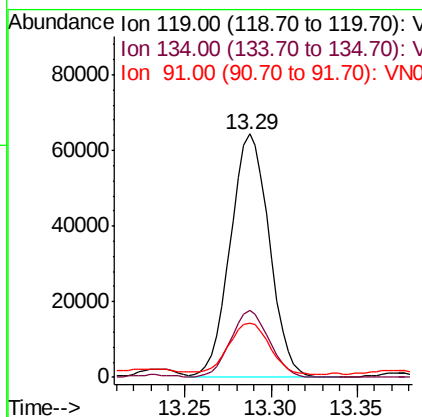
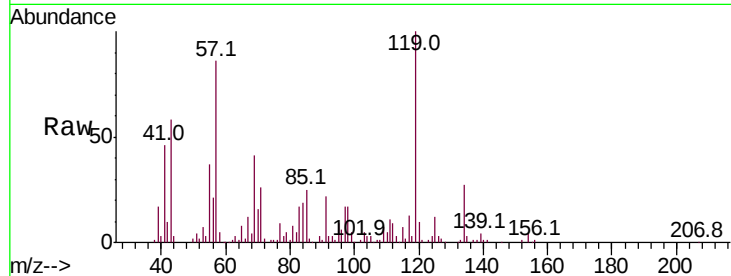




#86
p-Isopropyltoluene
Concen: 6.120 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN055790.D
Acq: 24 May 2019 12:47

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

Tot Ion:119 Resp: 101511
Ion Ratio Lower Upper
119 100
134 27.1 13.4 40.1
91 22.0 10.9 32.9



#89
n-Butylbenzene
Concen: 10.452 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055790.D
Acq: 24 May 2019 12:47

Tgt Ion: 91 Resp: 132842
Ion Ratio Lower Upper
91 100
92 48.9 26.4 79.0
134 57.9 13.9 41.7#

