

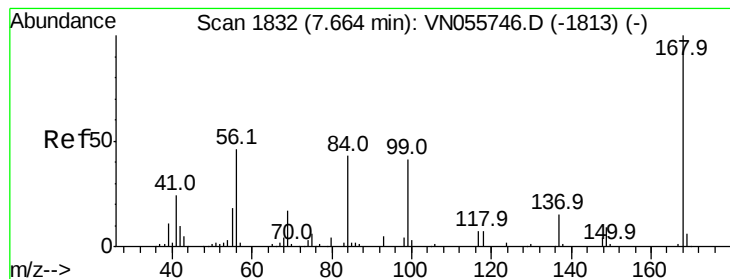
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052319\
 Data File : VN055769.D
 Acq On : 23 May 2019 21:47
 Operator : JC/SP
 Sample : K2976-04
 Misc : 6.67g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E3-4R(17-20)

Quant Time: May 24 07:43:18 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	386161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	535099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	471387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	230236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	177237	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	
35) Dibromofluoromethane	7.59	113	161475	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	10.09	98	624029	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	12.40	95	223013	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.63	106	14782	2.311	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	51665	1.252	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	964776	71.087	ug/l	98
85) sec-Butylbenzene	13.17	105	174177	9.316	ug/l #	68
86) p-Isopropyltoluene	13.29	119	94020	5.880	ug/l	98
89) n-Butylbenzene	13.61	91	142667	11.645	ug/l #	61

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055769.D

Acq: 23 May 2019 21:47

Instrument :

MSVOA_N

ClientSampleId :

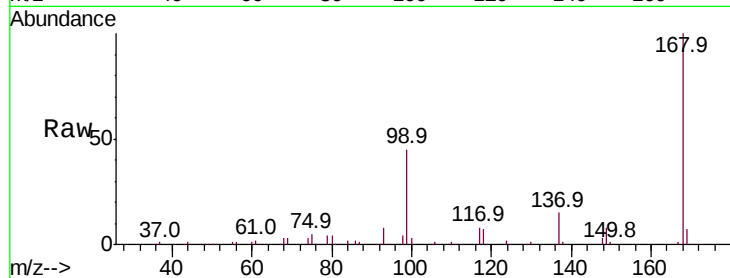
EP1-SB-E3-4R(17-20)

Tot Ion:168 Resp: 386161

Ion Ratio Lower Upper

168 100

99 45.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

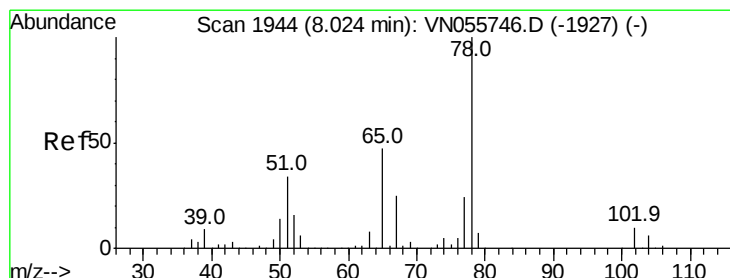
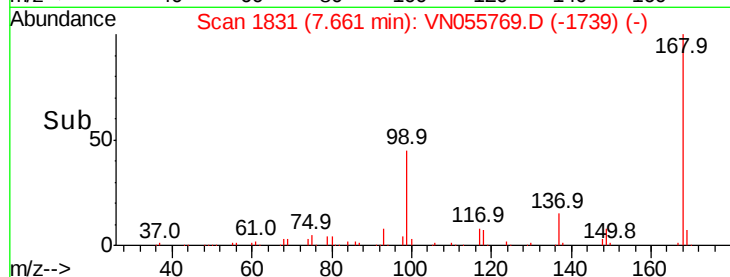
100000

50000

0

Time-->

7.60 7.80 8.00



#33

1,2-Dichloroethane-d4

Concen: 44.443 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN055769.D

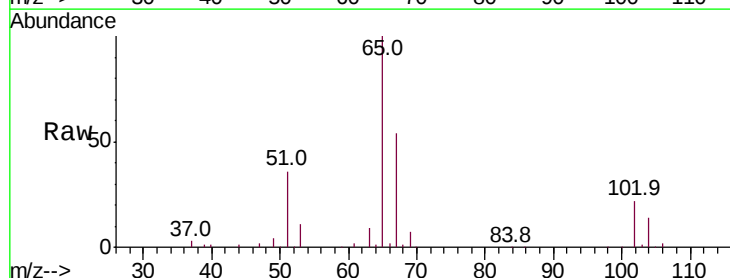
Acq: 23 May 2019 21:47

Tgt Ion: 65 Resp: 177237

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.02

80000

60000

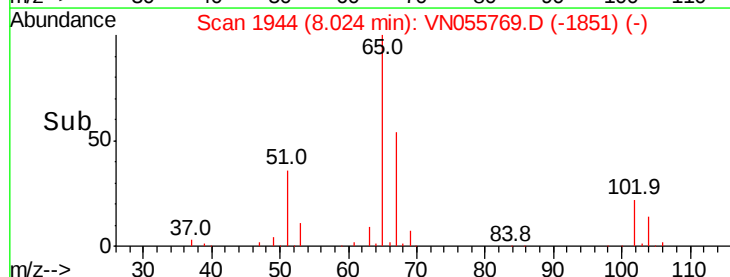
40000

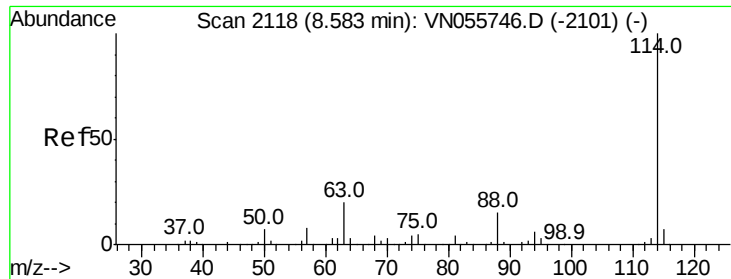
20000

0

Time-->

7.90 8.00 8.10 8.20

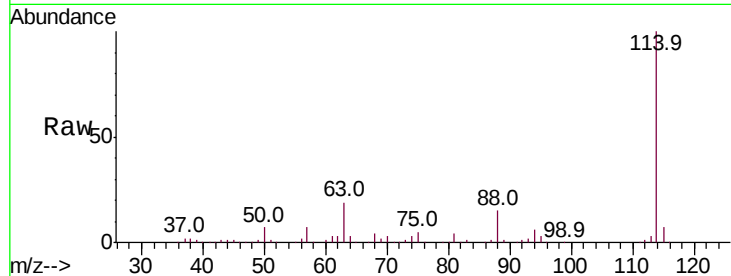




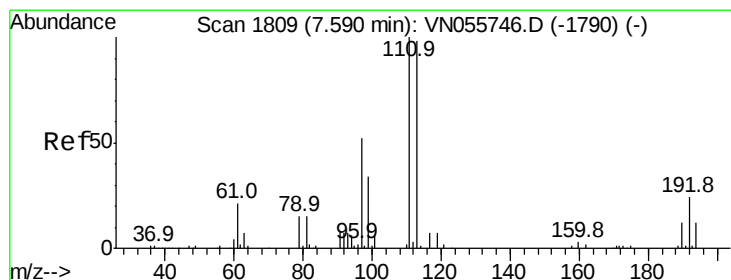
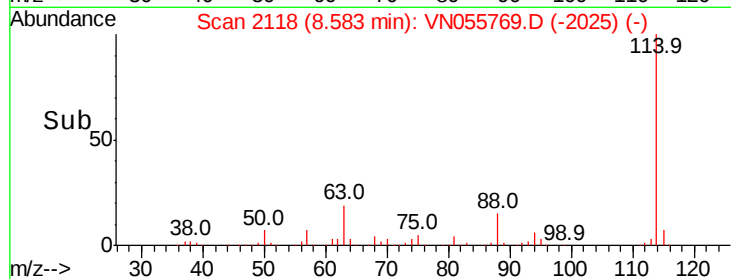
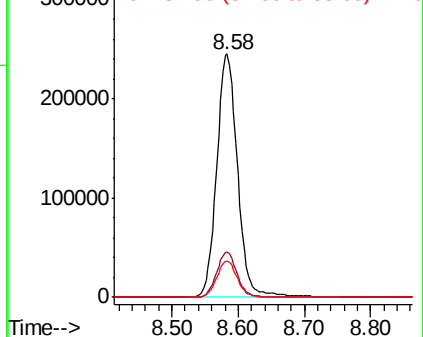
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055769.D
 Acq: 23 May 2019 21:47

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E3-4R(17-20)

Tot Ion:114 Resp: 535099
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.0 0.0 31.0

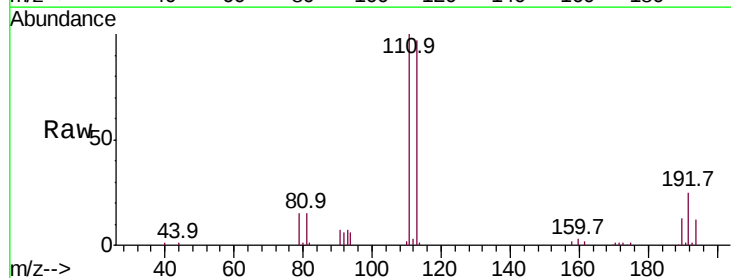


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

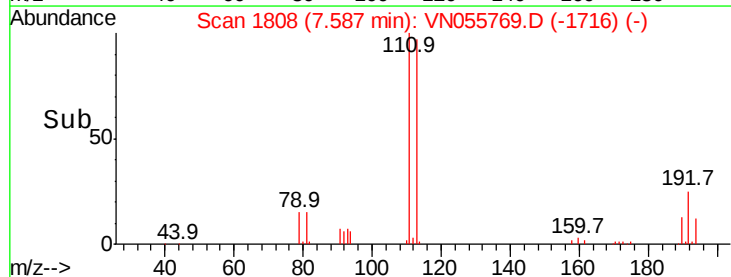
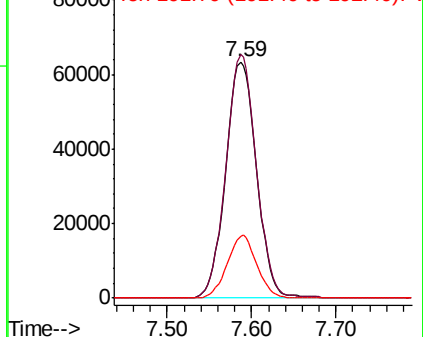


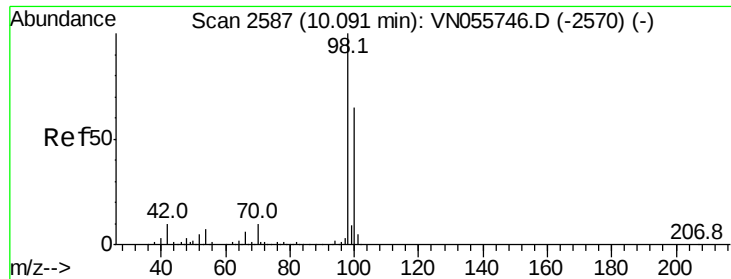
#35
 Dibromofluoromethane
 Concen: 47.730 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN055769.D
 Acq: 23 May 2019 21:47

Tgt Ion:113 Resp: 161475
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.9 122.9
 192 25.3 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: 48.087 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055769.D

Acq: 23 May 2019 21:47

Instrument :

MSVOA_N

ClientSampleId :

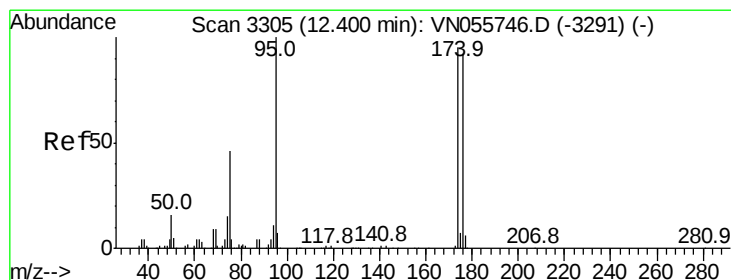
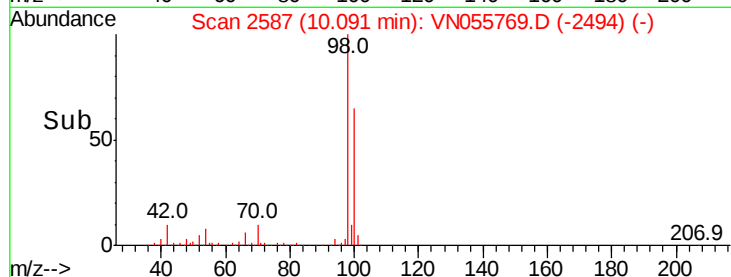
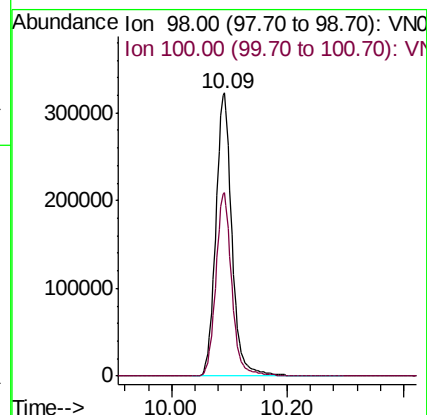
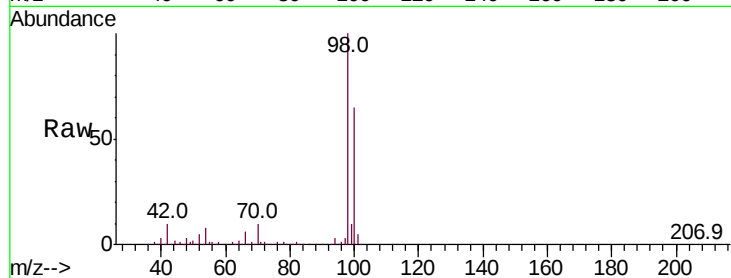
EP1-SB-E3-4R(17-20)

Tot Ion: 98 Resp: 624029

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 50.118 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055769.D

Acq: 23 May 2019 21:47

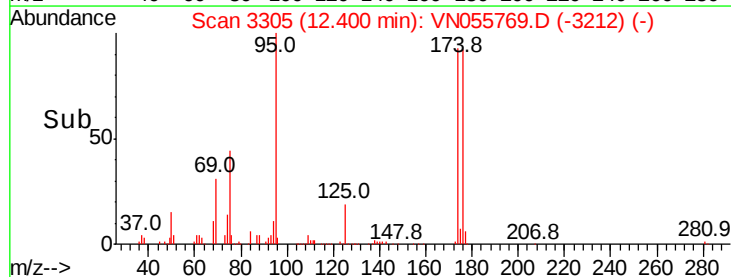
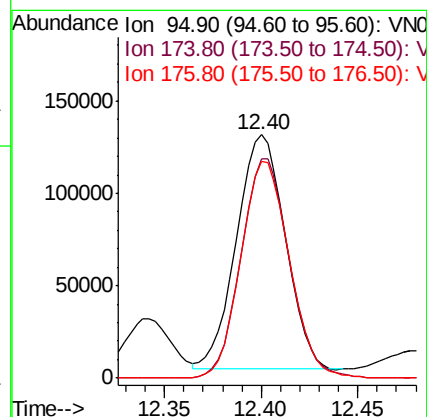
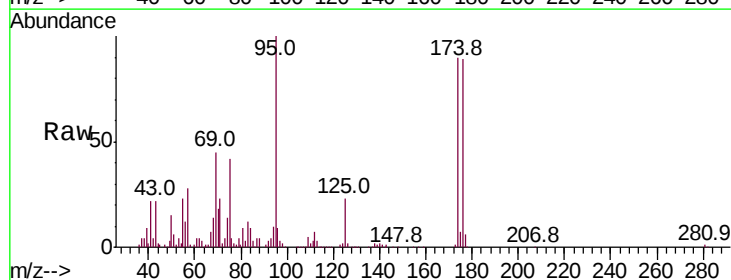
Tgt Ion: 95 Resp: 223013

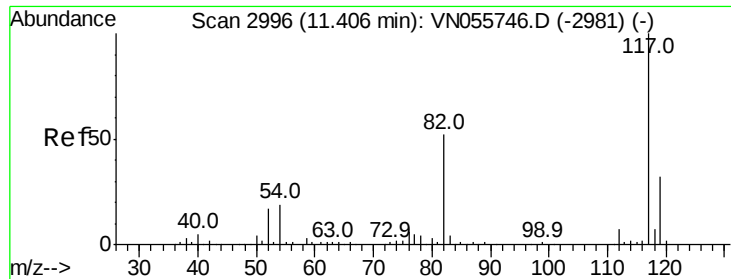
Ion Ratio Lower Upper

95 100

174 92.7 0.0 191.0

176 91.9 0.0 185.2

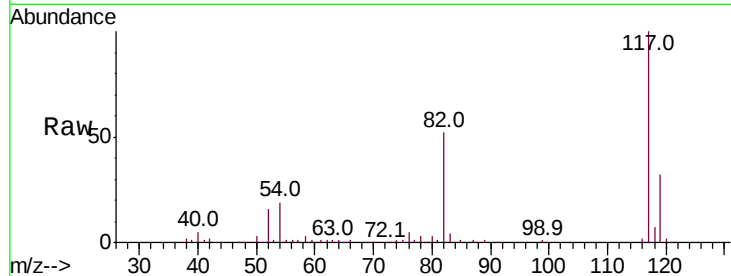




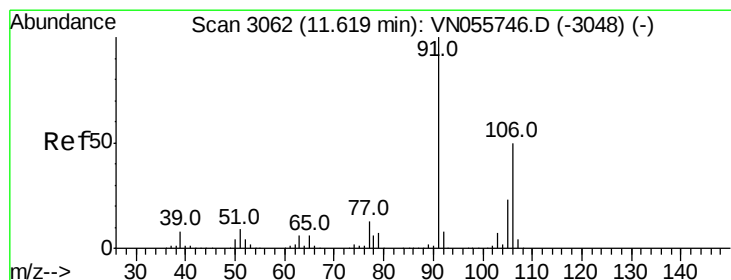
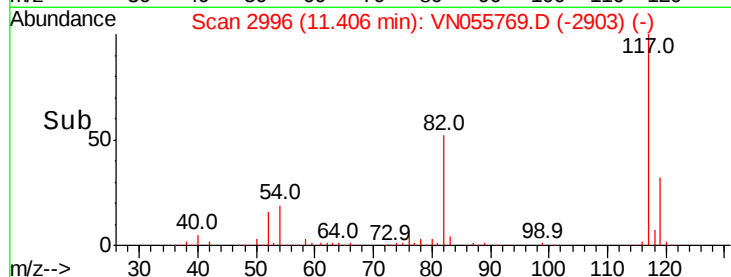
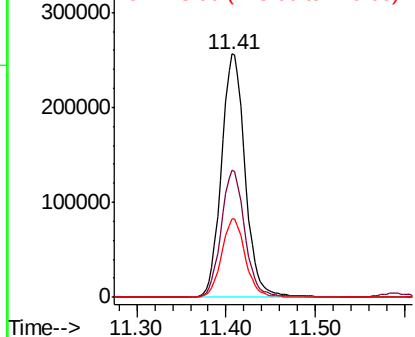
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055769.D
Acq: 23 May 2019 21:47

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4R(17-20)

Tot Ion:117 Resp: 471387
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 32.0 25.4 38.0

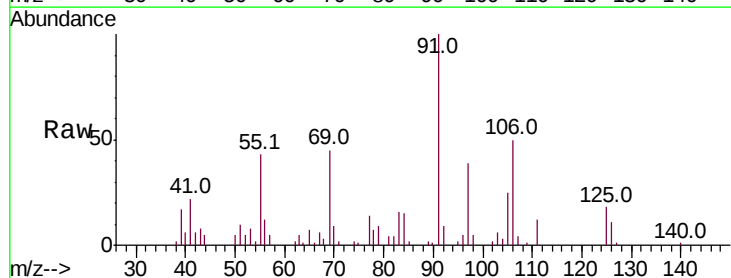


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

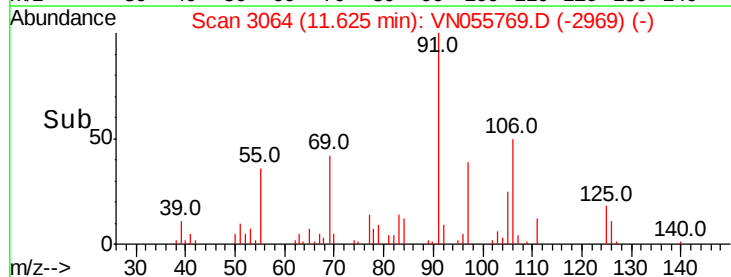
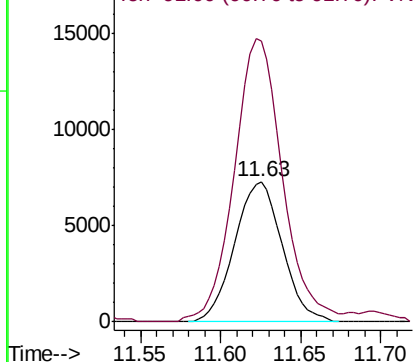


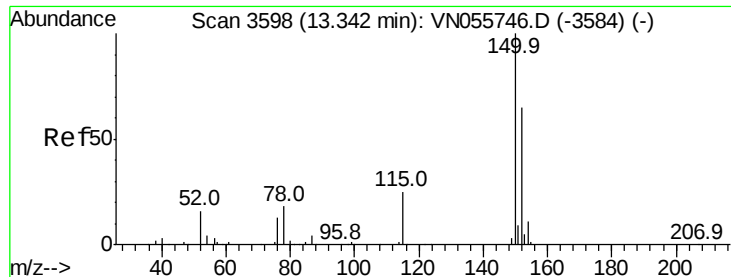
#68
m/p-Xylenes
Concen: 2.311 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN055769.D
Acq: 23 May 2019 21:47

Tgt Ion:106 Resp: 14782
Ion Ratio Lower Upper
106 100
91 205.5 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055769.D

Acq: 23 May 2019 21:47

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E3-4R(17-20)

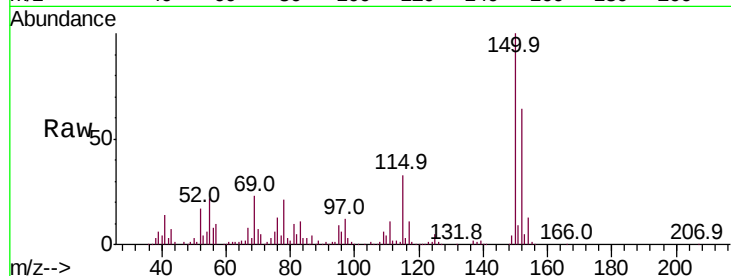
Tot Ion:152 Resp: 230236

Ion Ratio Lower Upper

152 100

115 51.3 27.0 81.0

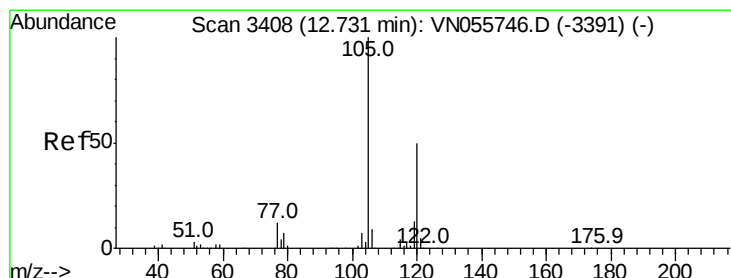
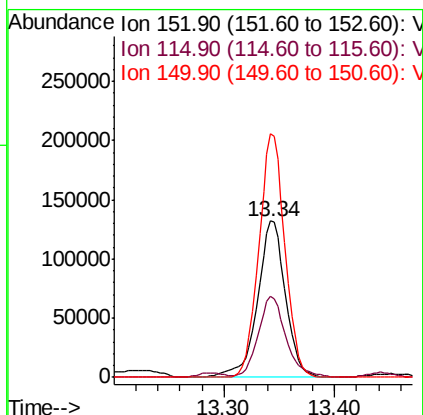
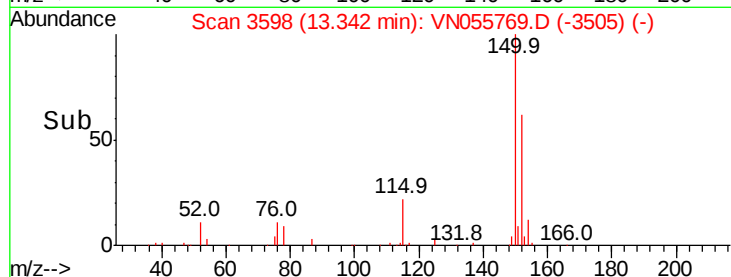
150 145.6 0.0 343.2



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



#80

1,3,5-Trimethylbenzene

Concen: 1.252 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055769.D

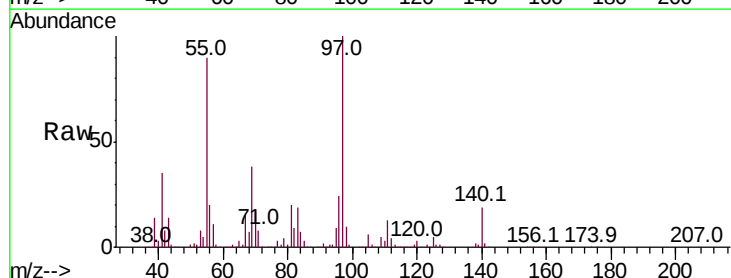
Acq: 23 May 2019 21:47

Tgt Ion:105 Resp: 51665

Ion Ratio Lower Upper

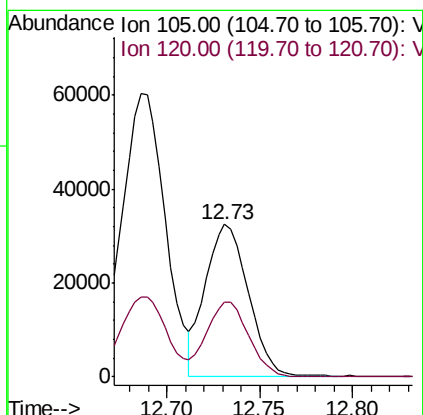
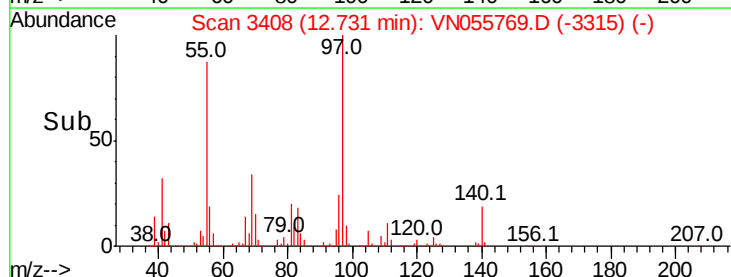
105 100

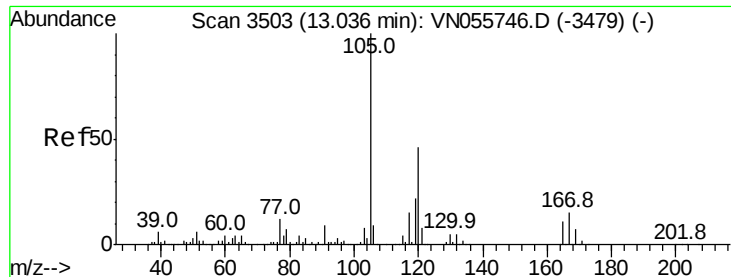
120 48.5 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

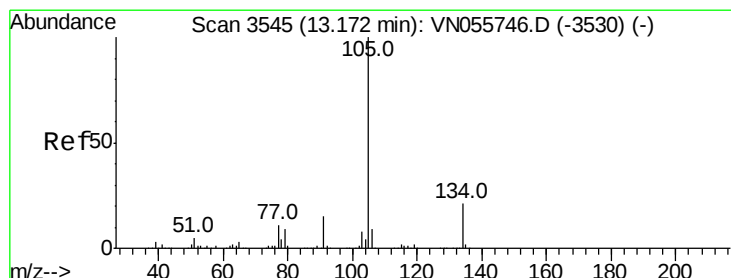
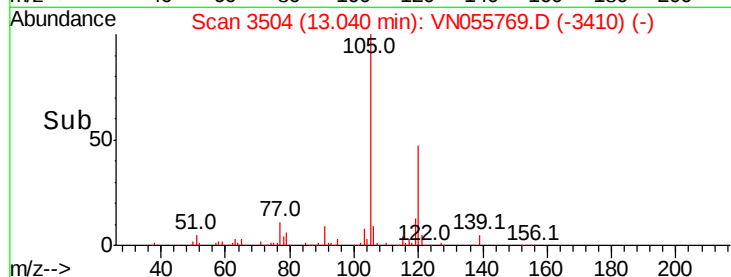
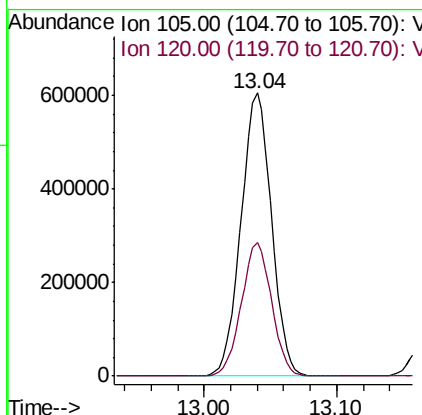
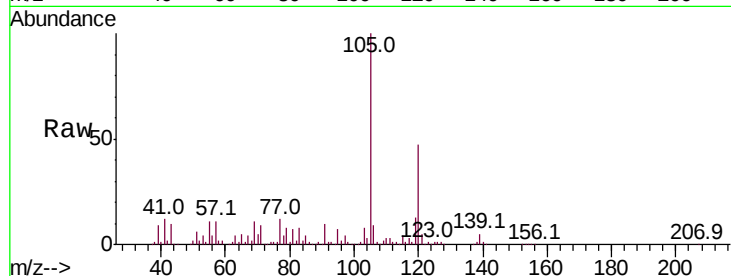




#84
 1,2,4-Trimethylbenzene
 Concen: 71.087 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055769.D
 Acq: 23 May 2019 21:47

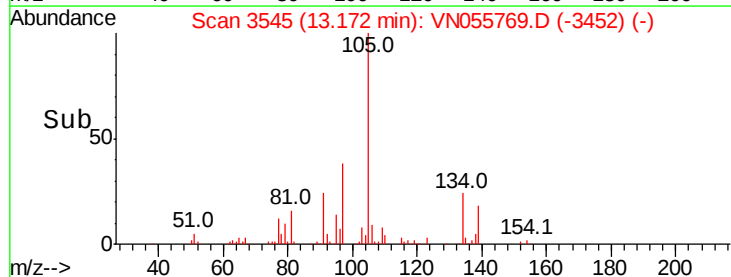
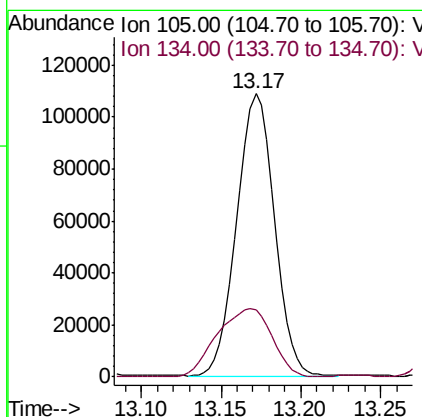
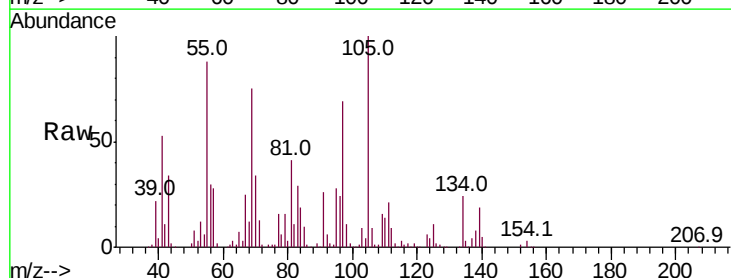
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E3-4R(17-20)

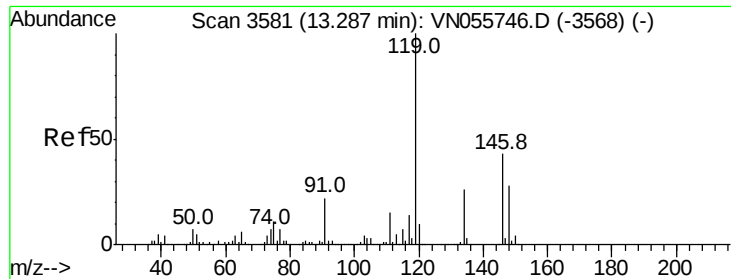
Tot Ion:105 Resp: 964776
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 9.316 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055769.D
 Acq: 23 May 2019 21:47

Tgt Ion:105 Resp: 174177
 Ion Ratio Lower Upper
 105 100
 134 35.5 10.4 31.2#





#86

p-Isopropyltoluene

Concen: 5.880 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055769.D

Acq: 23 May 2019 21:47

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E3-4R(17-20)

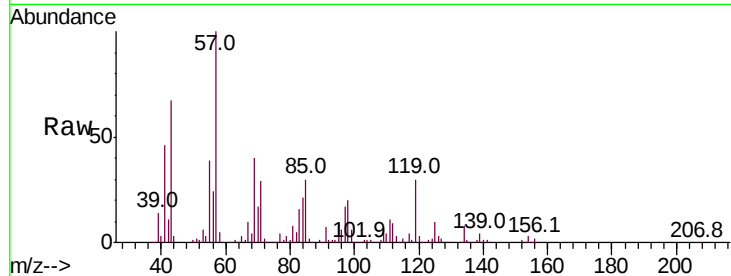
Tot Ion:119 Resp: 94020

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

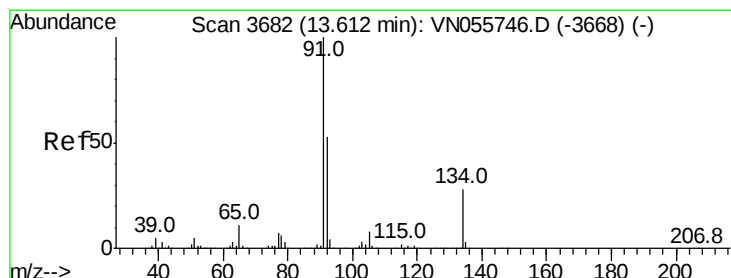
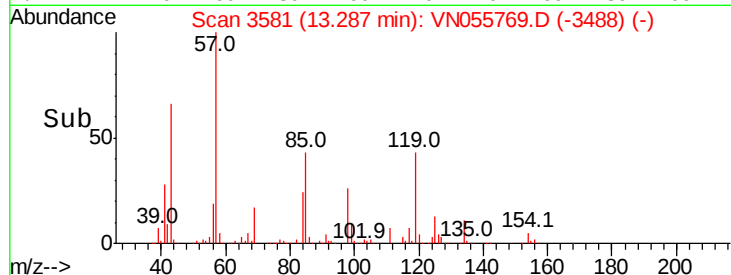
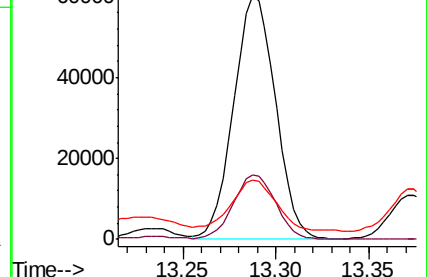
91 23.1 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 11.645 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055769.D

Acq: 23 May 2019 21:47

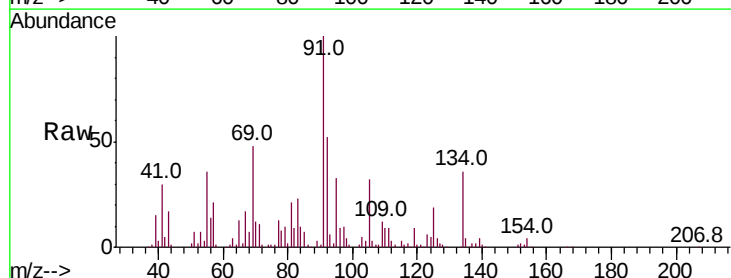
Tgt Ion: 91 Resp: 142667

Ion Ratio Lower Upper

91 100

92 47.1 26.4 79.0

134 79.2 13.9 41.7#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

