

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055371.D
 Acq On : 3 May 2019 1:57
 Operator : JC/SP
 Sample : K2658-12 10X
 Misc : 6.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(17-20)

Quant Time: May 03 09:57:46 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	433754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	750313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	691813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	306405	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	295150	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
35) Dibromofluoromethane	7.59	113	231025	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
50) Toluene-d8	10.09	98	956737	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
62) 4-Bromofluorobenzene	12.40	95	475267	85.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	171.02%	

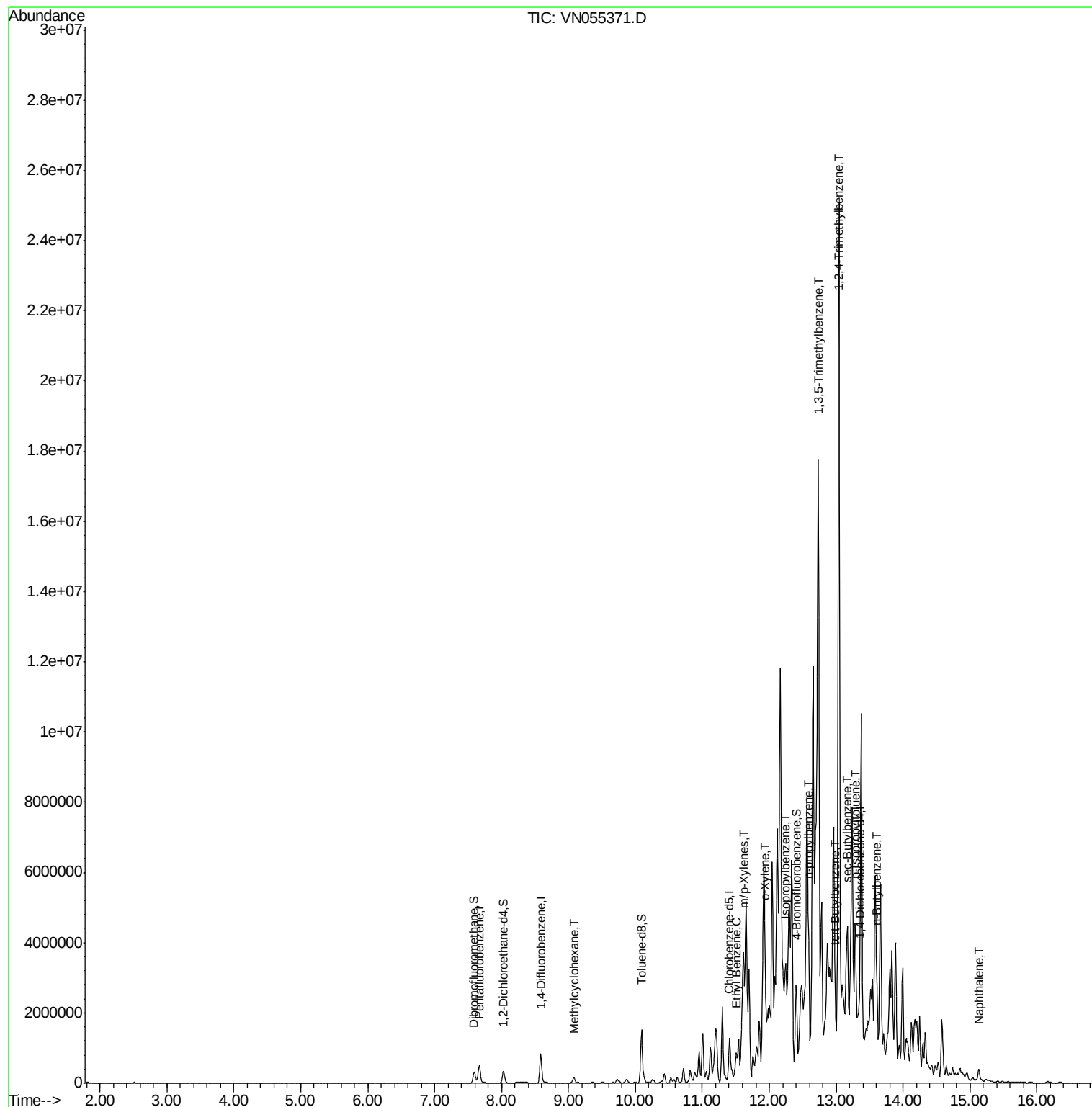
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	61916	8.103	ug/l	95
67) Ethyl Benzene	11.51	91	466858	19.114	ug/l	99
68) m/p-Xylenes	11.62	106	930650	106.746	ug/l	99
69) o-Xylene	11.95	106	40476	4.684	ug/l	50
73) Isopropylbenzene	12.25	105	808781	32.037	ug/l	100
78) n-propylbenzene	12.59	91	2326502	73.918	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	5064207	210.823	ug/l	100
83) tert-Butylbenzene	12.99	119	141561	5.750	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	12590306	586.052	ug/l	99
85) sec-Butylbenzene	13.17	105	1276885	48.906	ug/l #	66
86) p-Isopropyltoluene	13.29	119	1352933	63.047	ug/l	100
89) n-Butylbenzene	13.61	91	868134	56.932	ug/l #	78
95) Naphthalene	15.13	128	280338	34.053	ug/l	98

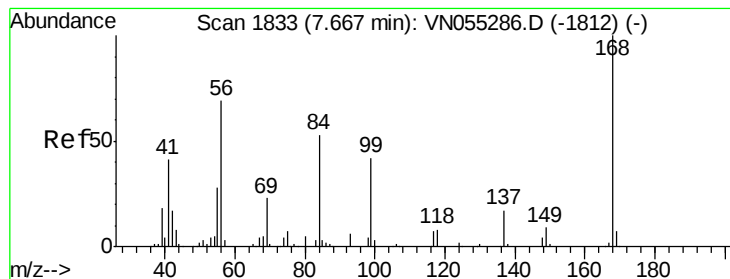
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP1-SB-E2-3(17-20)

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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: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

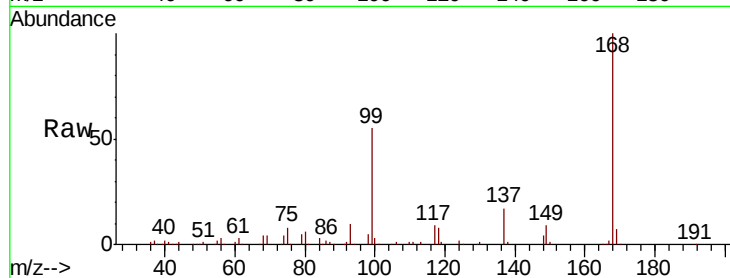
EP1-SB-E2-3(17-20)

Tgt Ion:168 Resp: 433754

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): VN

7.67

200000

150000

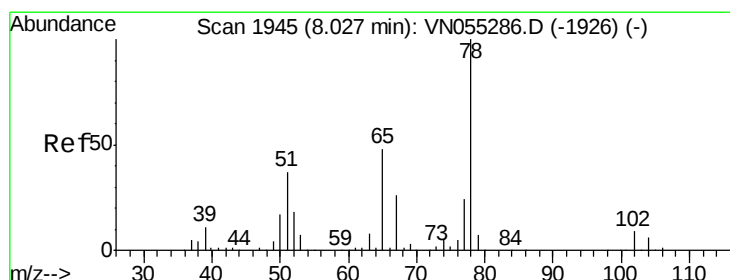
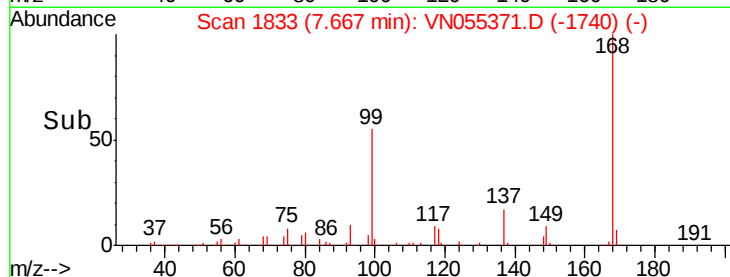
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.014 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055371.D

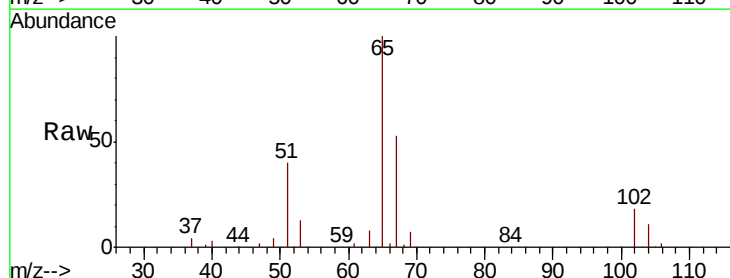
Acq: 3 May 2019 1:57

Tgt Ion: 65 Resp: 295150

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

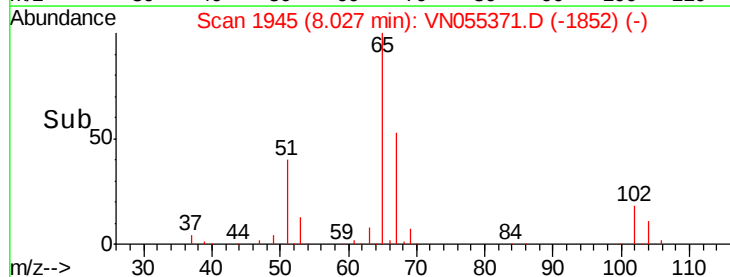
100000

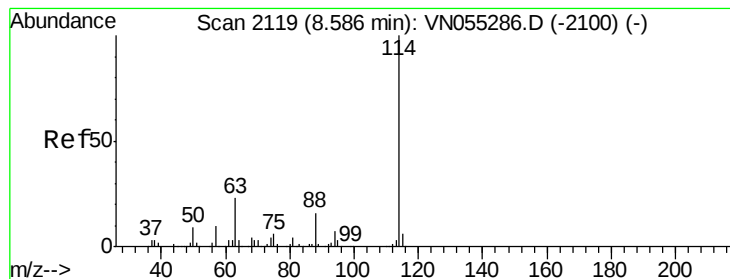
50000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(17-20)

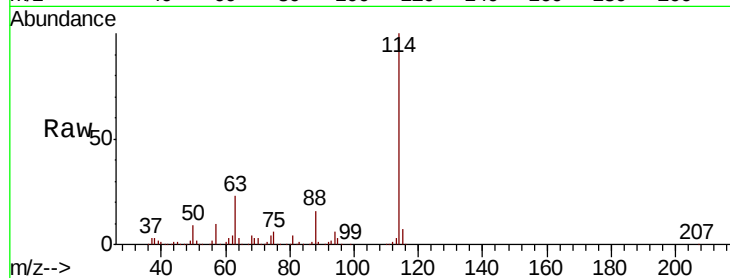
Tgt Ion:114 Resp: 750313

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

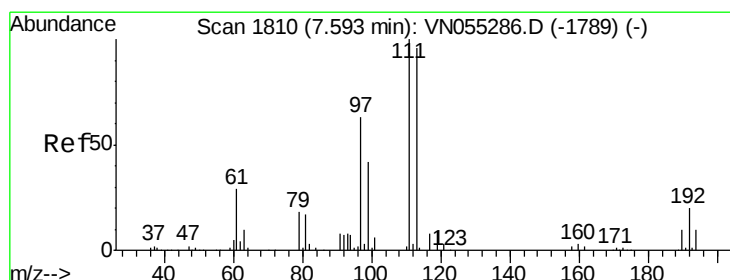
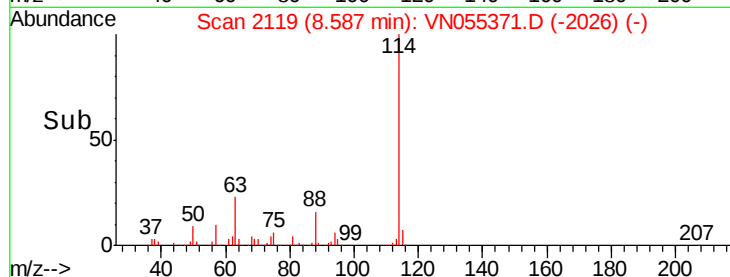
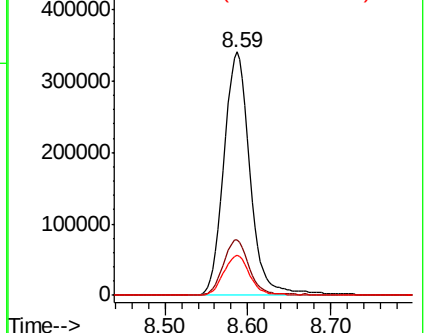
88 16.4 0.0 31.6



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: 46.911 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

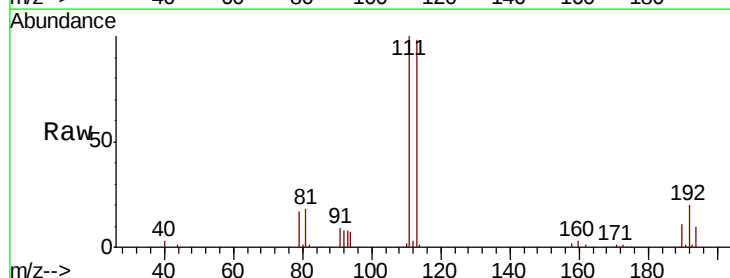
Tgt Ion:113 Resp: 231025

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

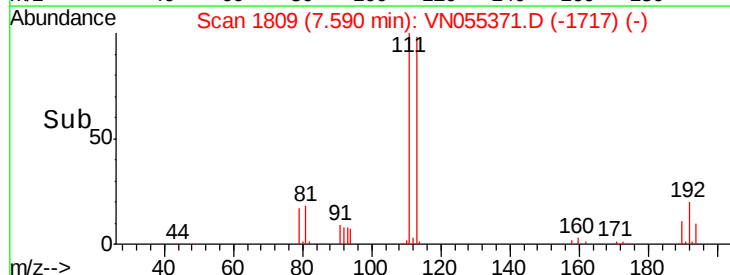
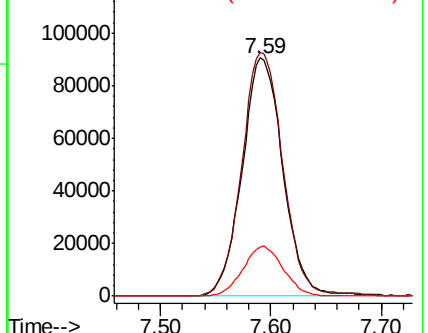
192 20.9 17.0 25.6

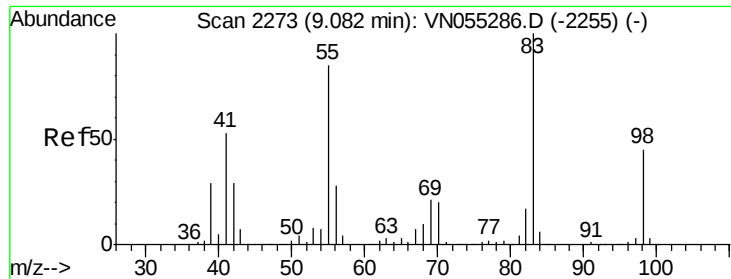


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

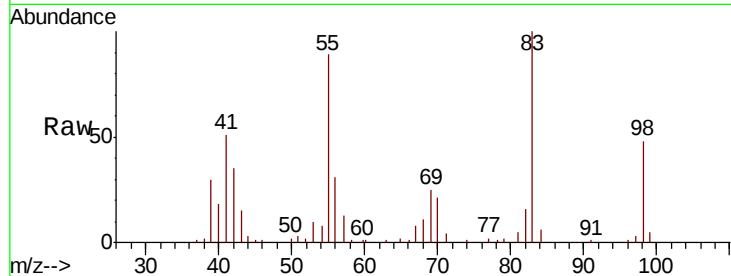




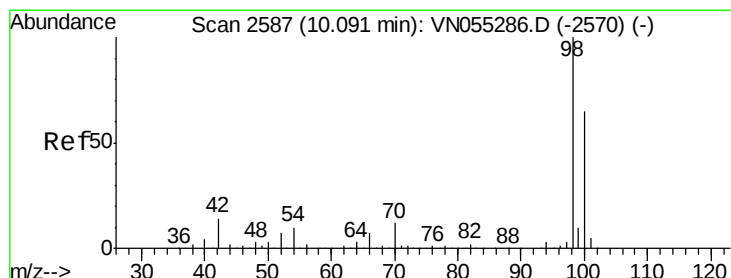
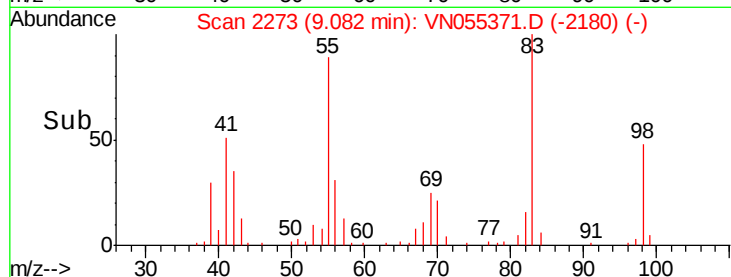
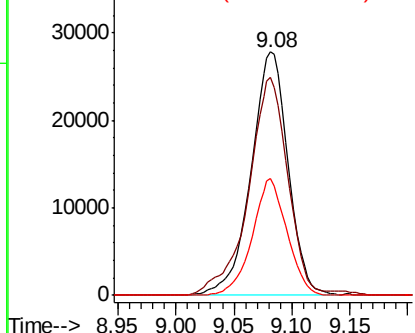
#39
Methylcyclohexane
Concen: 8.103 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(17-20)

Tgt Ion: 83 Resp: 61916
Ion Ratio Lower Upper
83 100
55 89.3 67.8 101.6
98 48.2 36.2 54.4

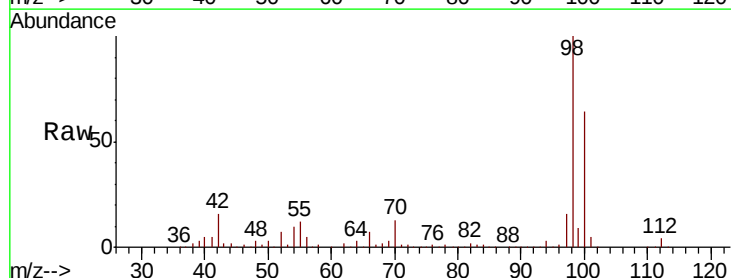


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

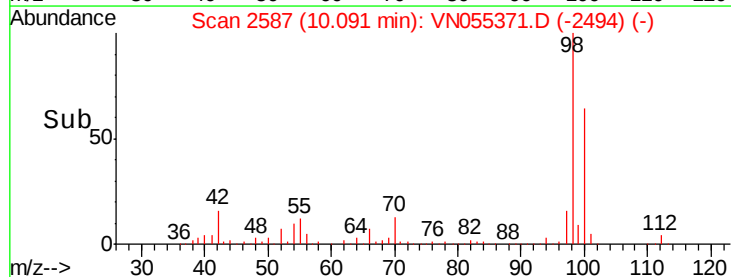
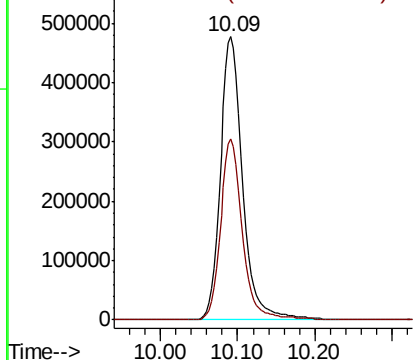


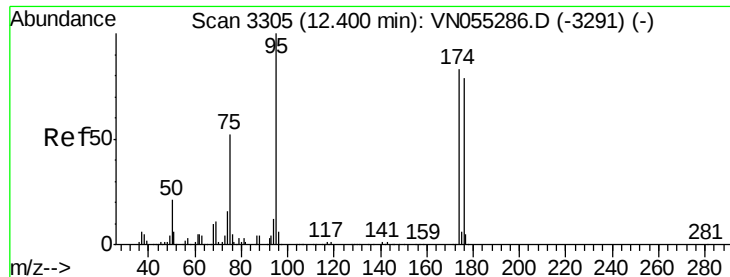
#50
Toluene-d8
Concen: 53.801 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

Tgt Ion: 98 Resp: 956737
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 85.514 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(17-20)

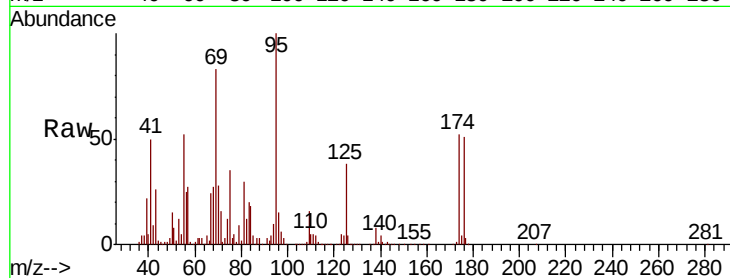
Tgt Ion: 95 Resp: 475267

Ion Ratio Lower Upper

95 100

174 55.4 0.0 166.6

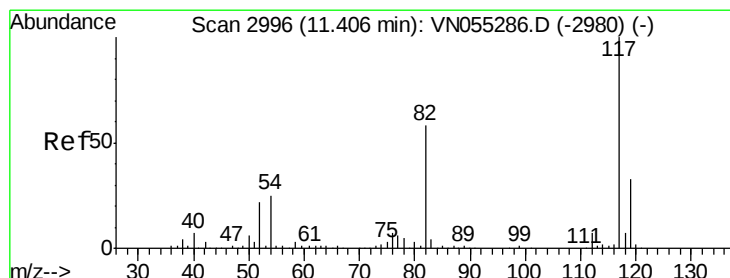
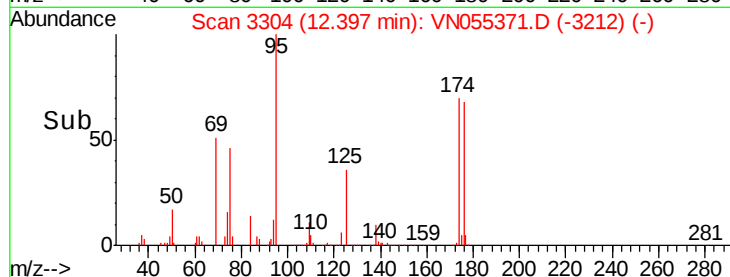
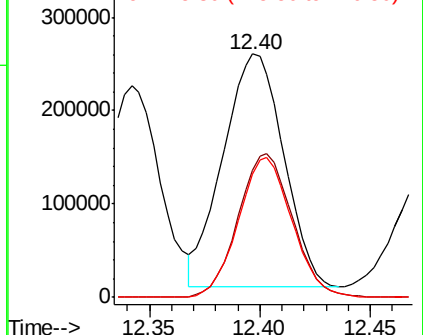
176 53.5 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055371.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055371.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055371.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

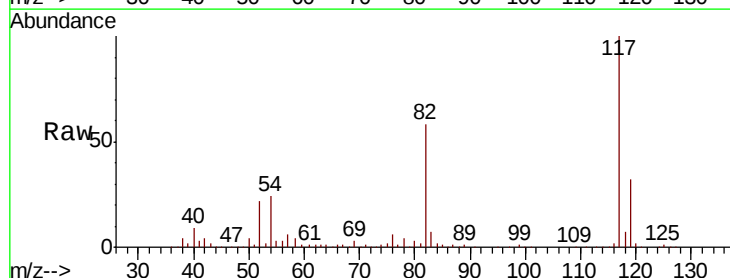
Tgt Ion: 117 Resp: 691813

Ion Ratio Lower Upper

117 100

82 54.6 46.2 69.4

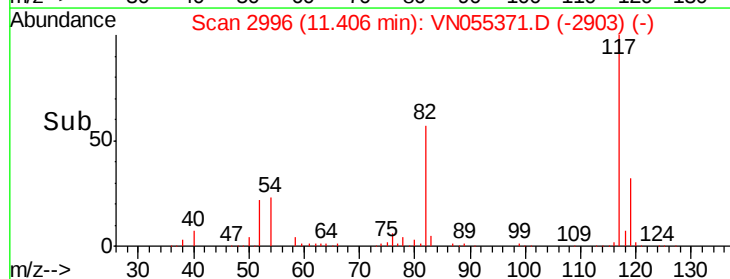
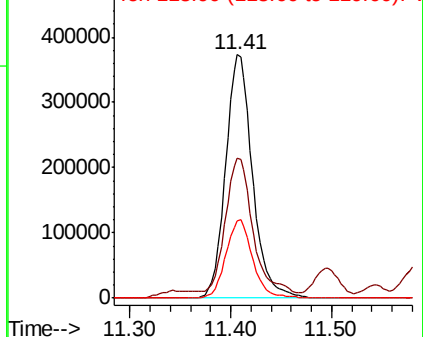
119 31.8 26.6 40.0

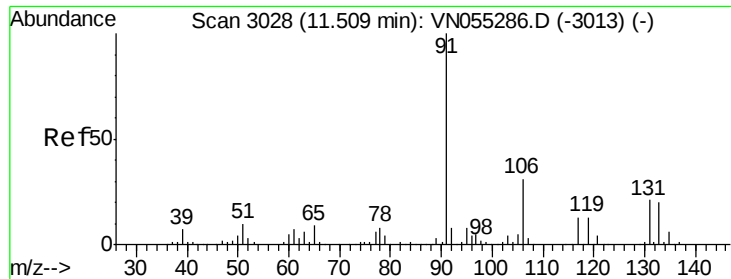


Abundance Ion 116.90 (116.60 to 117.60): VN055371.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055371.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055371.D (-2903) (-)

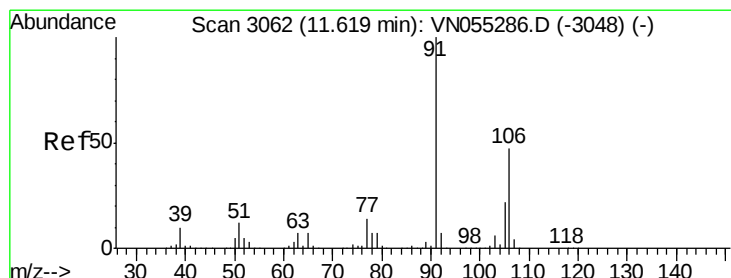
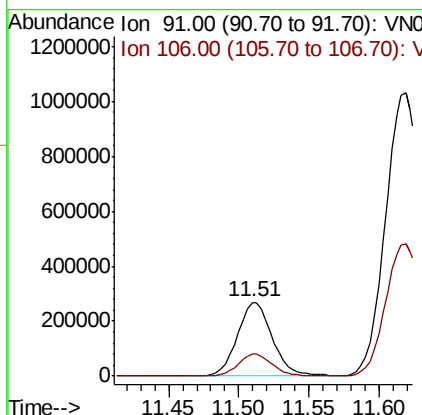
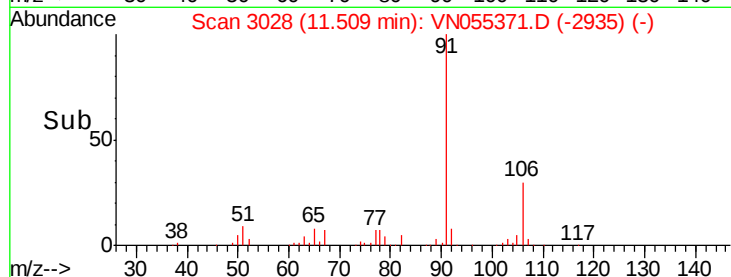
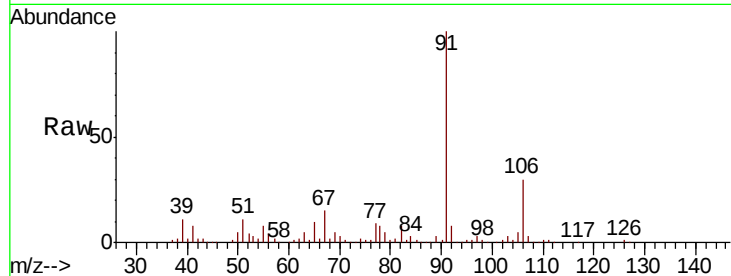




#67
Ethyl Benzene
Concen: 19.114 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

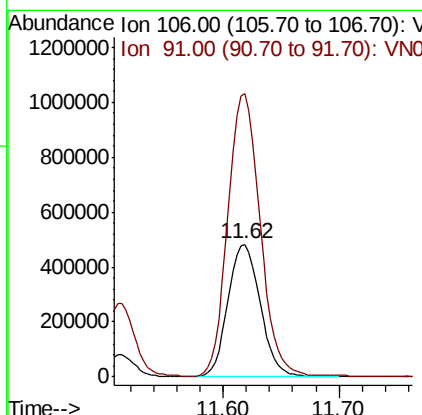
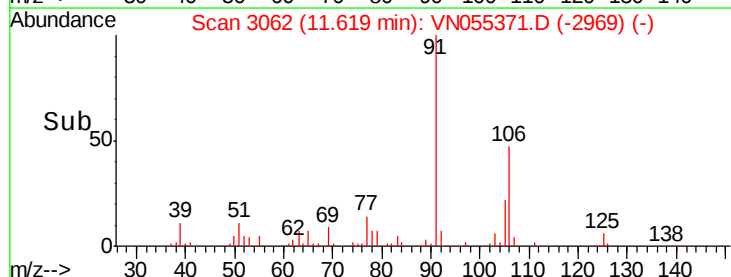
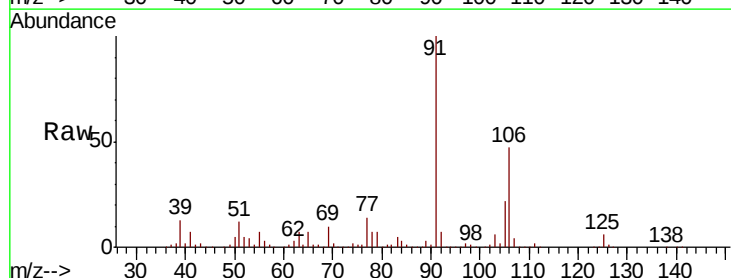
Instrument :
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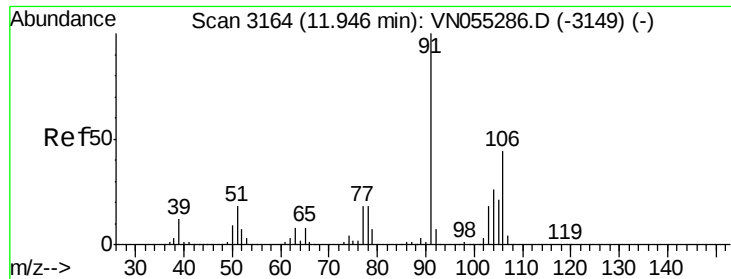
Tgt Ion: 91 Resp: 466858
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8



#68
m/p-Xylenes
Concen: 106.746 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

Tgt Ion: 106 Resp: 930650
Ion Ratio Lower Upper
106 100
91 212.8 169.5 254.3

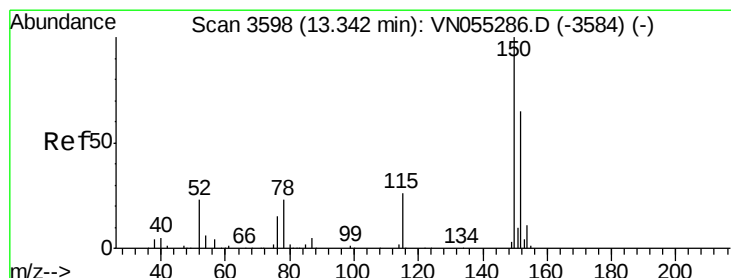
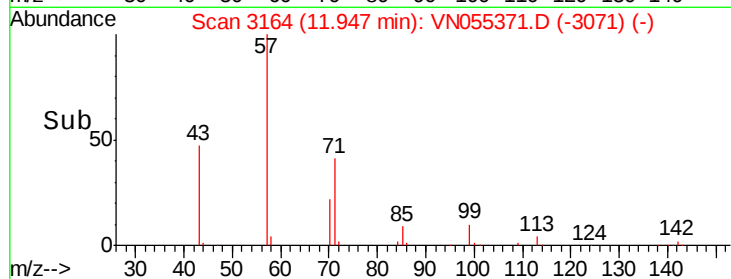
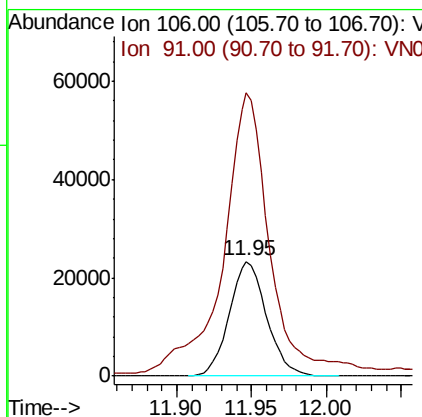
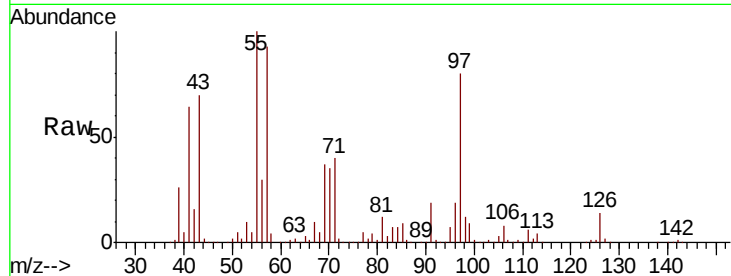




#69
o-Xylene
Concen: 4.684 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

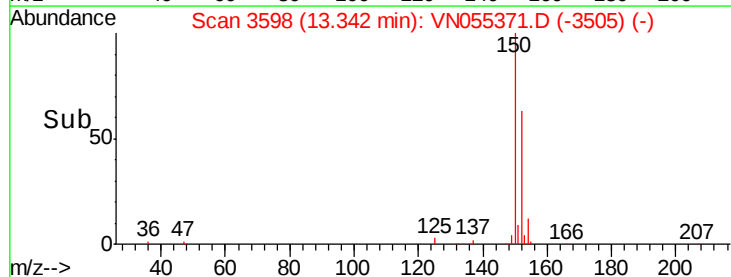
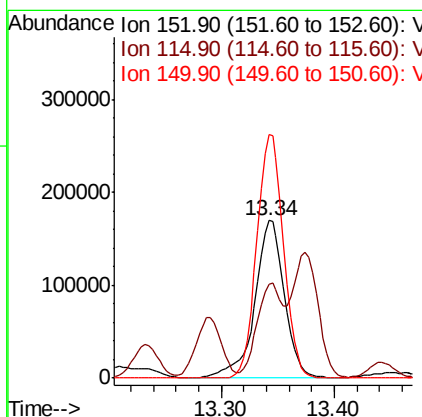
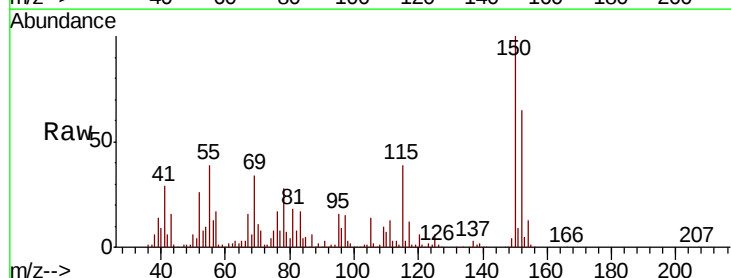
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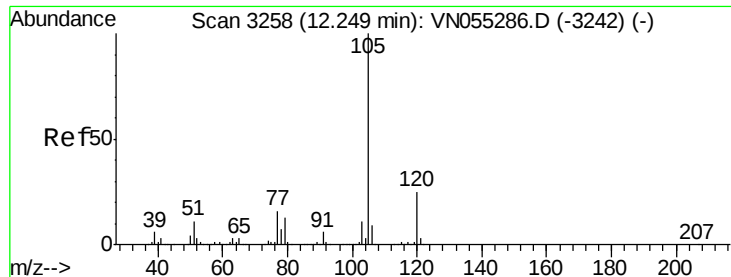
Tgt Ion:106 Resp: 40476
Ion Ratio Lower Upper
106 100
91 304.1 111.5 334.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

Tgt Ion:152 Resp: 306405
Ion Ratio Lower Upper
152 100
115 48.6 29.0 87.0
150 140.3 0.0 345.6





#73

Isopropylbenzene

Concen: 32.037 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

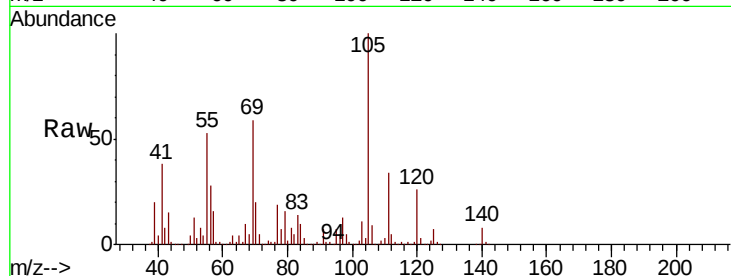
EP1-SB-E2-3(17-20)

Tgt Ion: 105 Resp: 808781

Ion Ratio Lower Upper

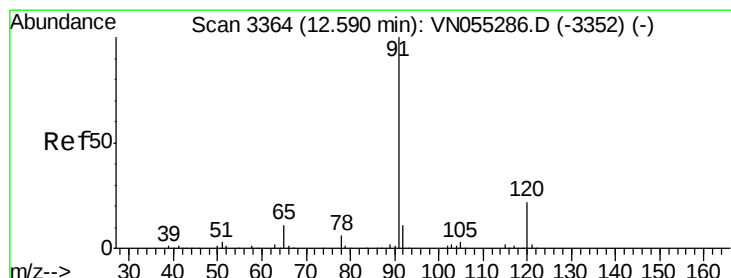
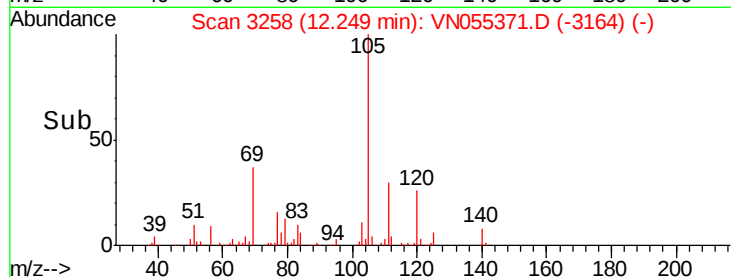
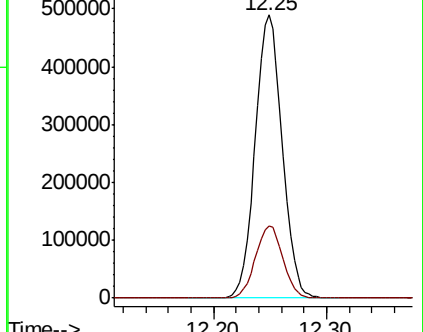
105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 73.918 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055371.D

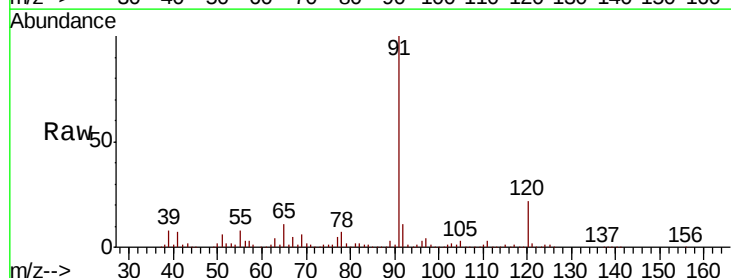
Acq: 3 May 2019 1:57

Tgt Ion: 91 Resp: 2326502

Ion Ratio Lower Upper

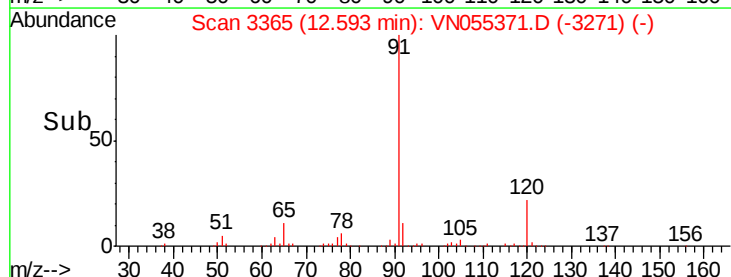
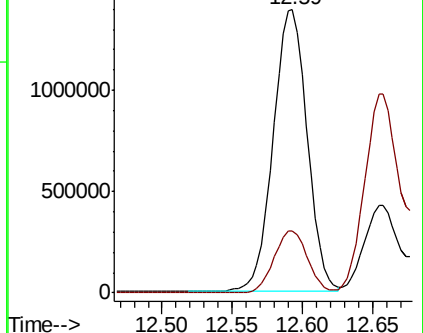
91 100

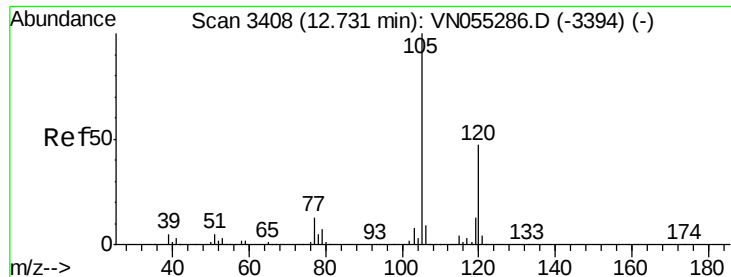
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 210.823 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

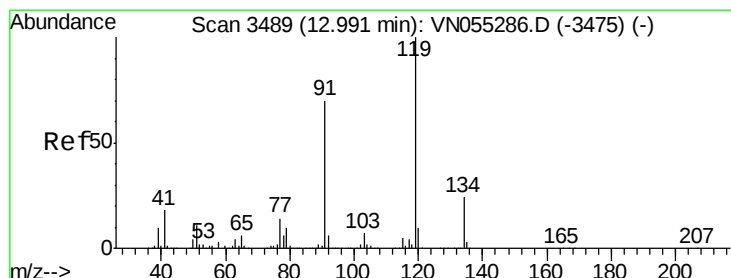
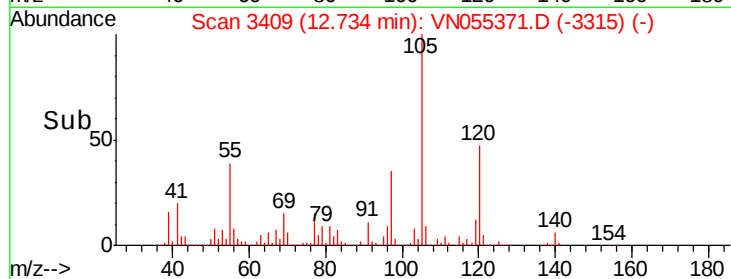
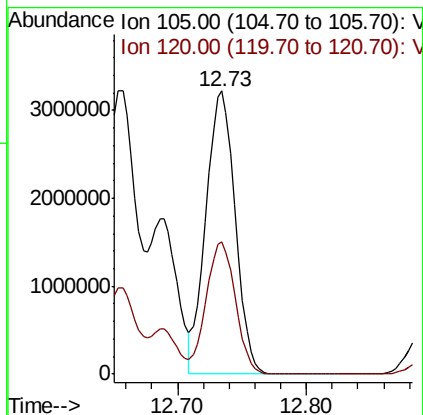
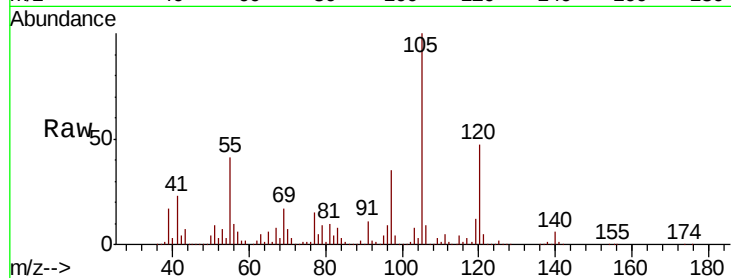
EP1-SB-E2-3(17-20)

Tgt Ion:105 Resp: 5064207

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.0



#83

tert-Butylbenzene

Concen: 5.750 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

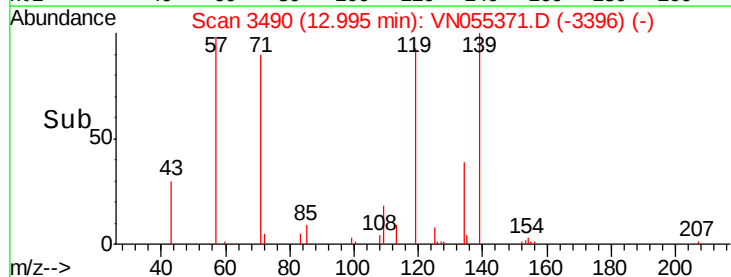
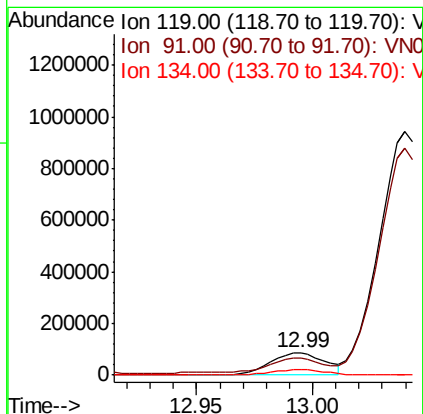
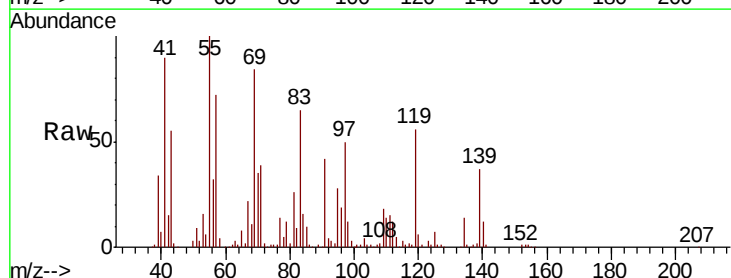
Tgt Ion:119 Resp: 141561

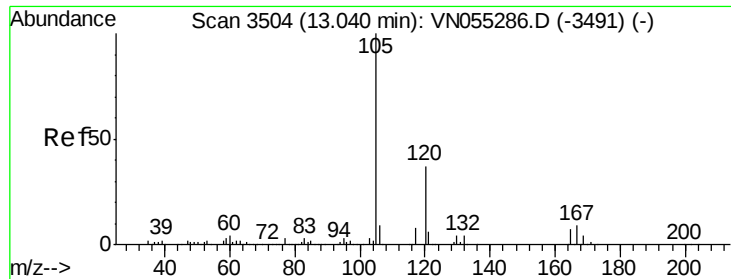
Ion Ratio Lower Upper

119 100

91 74.8 34.3 102.9

134 23.9 13.1 39.3

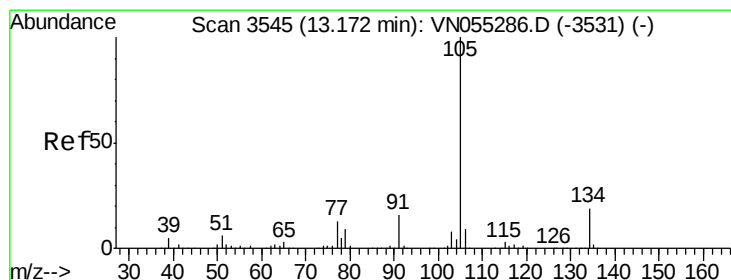
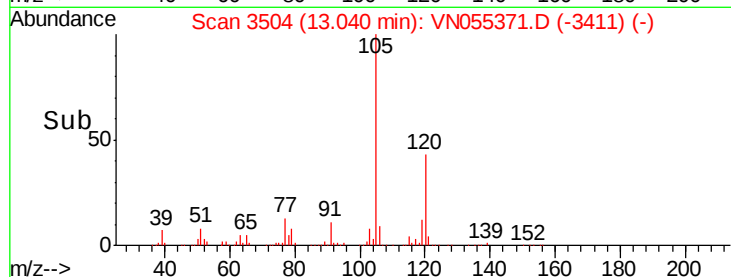
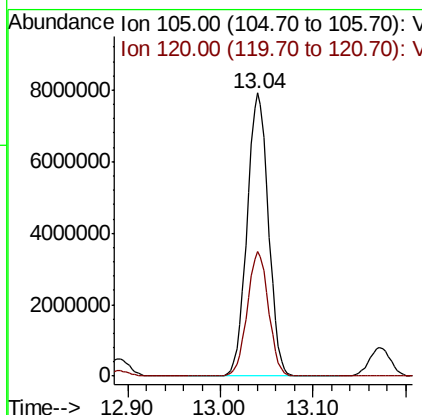
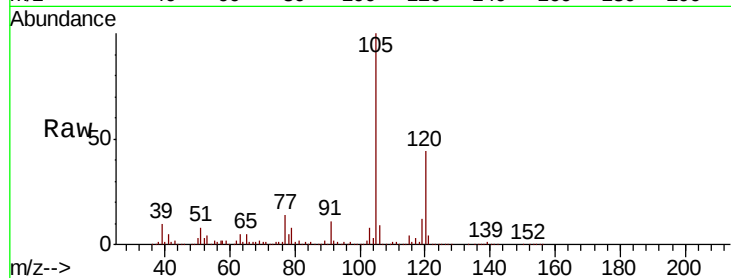




#84
 1,2,4-Trimethylbenzene
 Concen: 586.052 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055371.D
 Acq: 3 May 2019 1:57

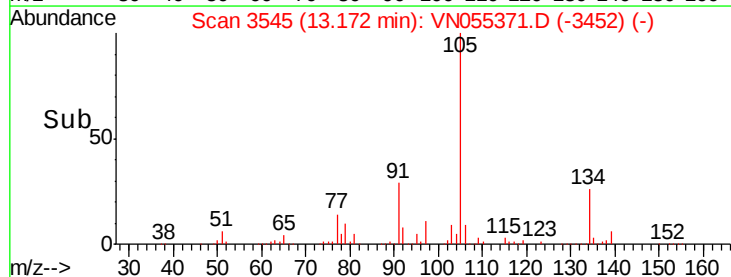
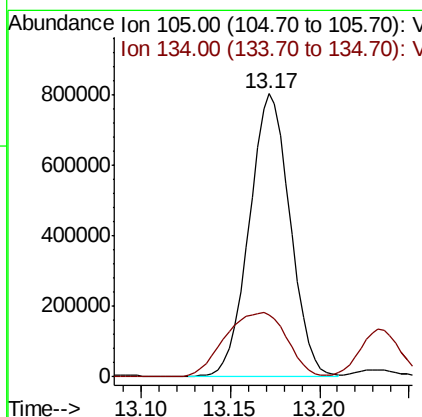
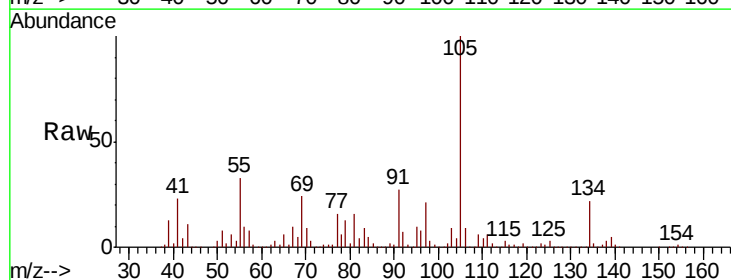
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(17-20)

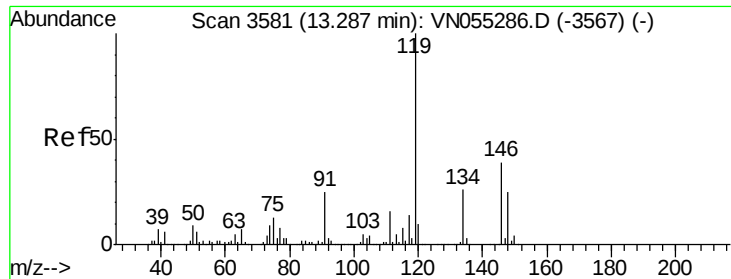
Tgt Ion:105 Resp:12590306
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 48.906 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055371.D
 Acq: 3 May 2019 1:57

Tgt Ion:105 Resp: 1276885
 Ion Ratio Lower Upper
 105 100
 134 34.6 9.6 28.8#

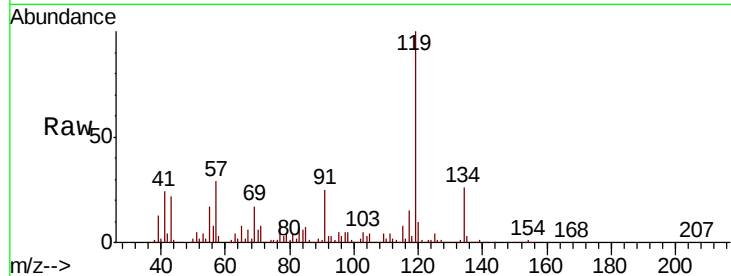




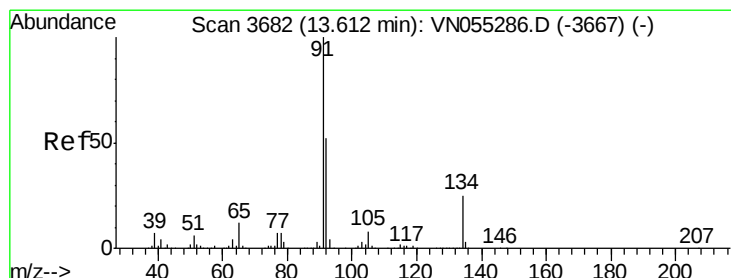
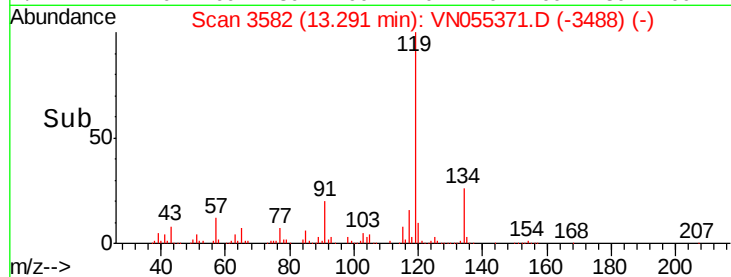
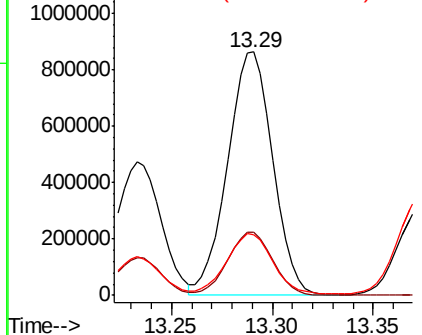
#86
p-Isopropyltoluene
Concen: 63.047 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(17-20)

Tgt Ion: 119 Resp: 1352933
Ion Ratio Lower Upper
119 100
134 25.8 13.0 38.9
91 24.8 12.2 36.6

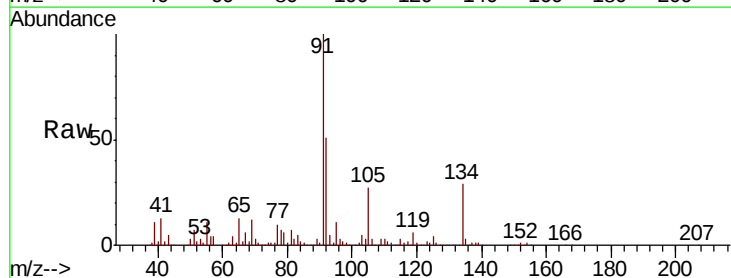


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

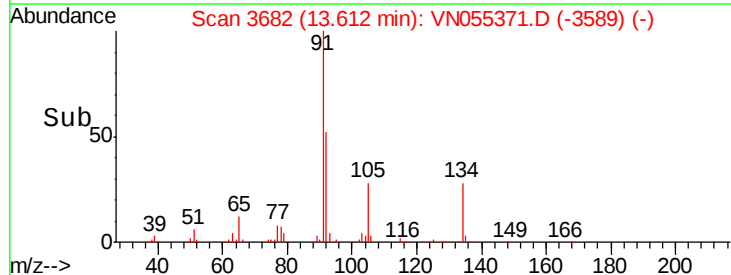
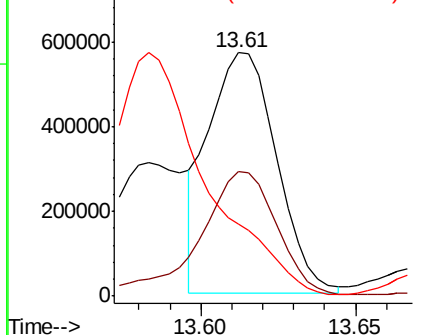


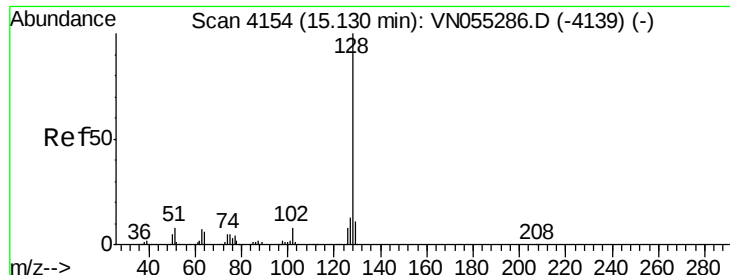
#89
n-Butylbenzene
Concen: 56.932 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

Tgt Ion: 91 Resp: 868134
Ion Ratio Lower Upper
91 100
92 58.4 26.1 78.3
134 0.0 12.4 37.4#



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





#95

Naphthalene

Concen: 34.053 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(17-20)

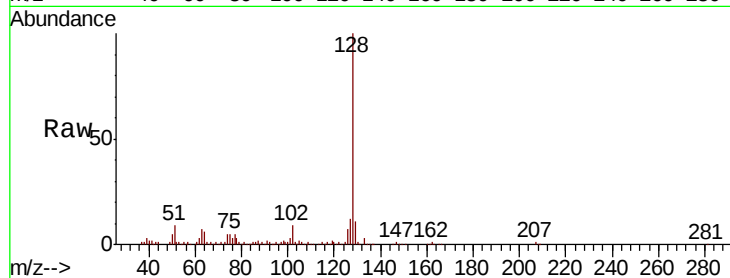
Tgt Ion:128 Resp: 280338

Ion Ratio Lower Upper

128 100

127 12.6 10.7 16.1

129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

