

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN054006.D
 Acq On : 28 Feb 2019 16:07
 Operator : JC/SP
 Sample : K1341-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-022719-B

Quant Time: Mar 01 04:52:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	567458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1103077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1073553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	443584	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	393061	59.09	ug/l	0.00
Spiked Amount			Recovery	=	118.18%	
35) Dibromofluoromethane	7.59	113	360149	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	10.09	98	1407619	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.40	95	485212	54.85	ug/l	0.00
Spiked Amount			Recovery	=	109.70%	

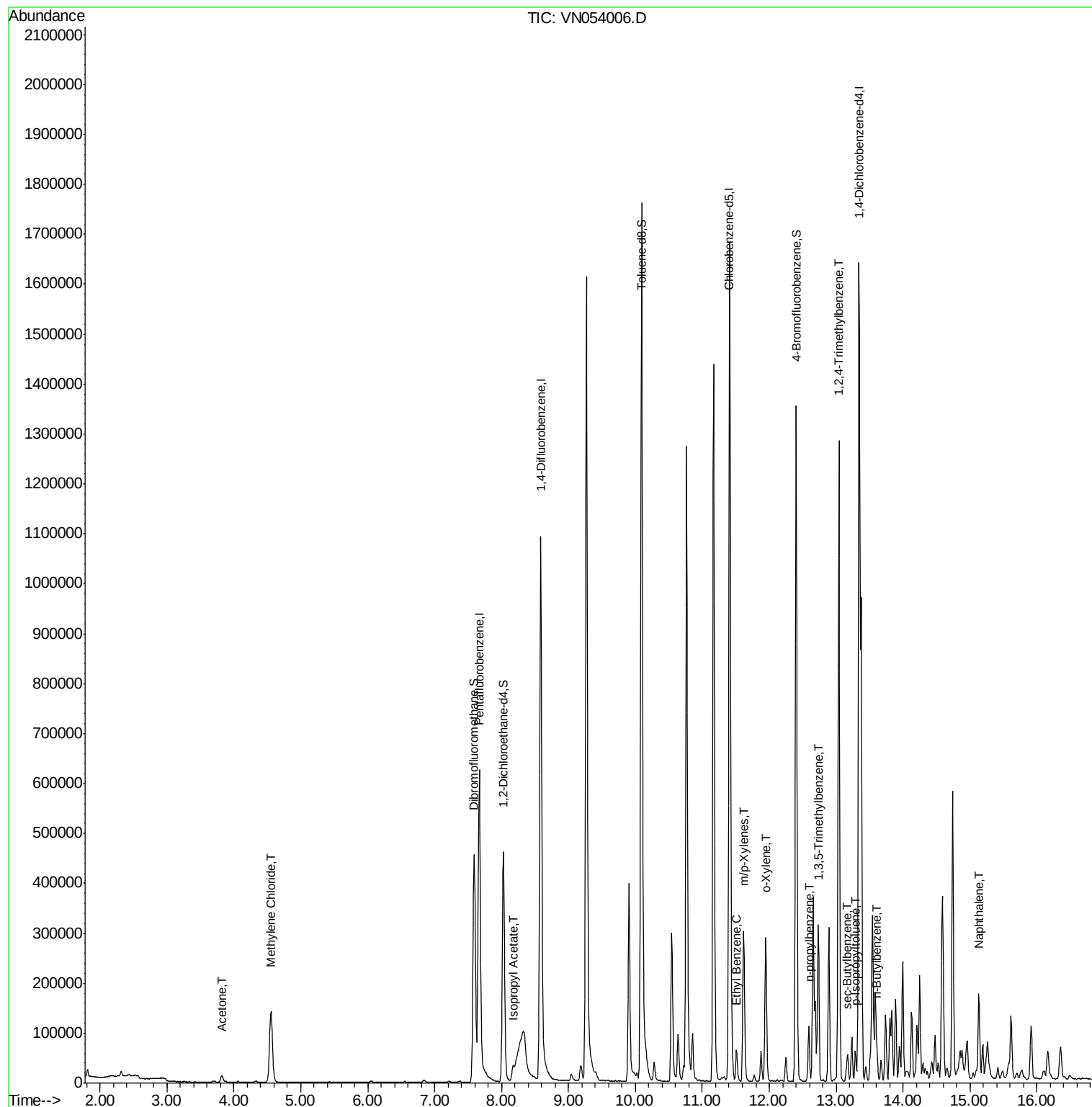
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	23549	1.277	ug/l	93
20) Methylene Chloride	4.55	84	106819	16.225	ug/l	92
43) Isopropyl Acetate	8.17	43	38577	3.119	ug/l #	90
67) Ethyl Benzene	11.51	91	45371	1.195	ug/l	99
68) m/p-Xylenes	11.62	106	102065	7.120	ug/l	99
69) o-Xylene	11.95	106	80127	5.688	ug/l	92
78) n-propylbenzene	12.59	91	88184	2.246	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	175908	6.223	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	734579	26.029	ug/l	99
85) sec-Butylbenzene	13.17	105	35417	1.037	ug/l	88
86) p-Isopropyltoluene	13.29	119	33970m	1.177	ug/l	
89) n-Butylbenzene	13.61	91	25373	1.043	ug/l #	72
95) Naphthalene	15.13	128	144728	10.923	ug/l	98

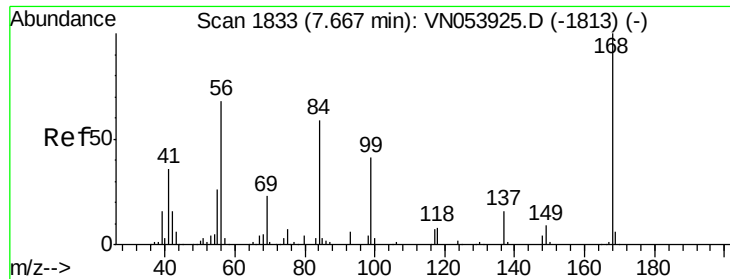
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022819\
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Quant Title : SW846 8260
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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: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

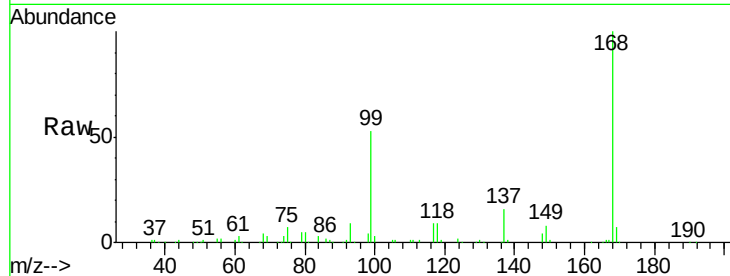
HR-06-022719-B

Tot Ion:168 Resp: 567458

Ion Ratio Lower Upper

168 100

99 53.1 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN054006.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054006.D (-1740) (-)

7.67

250000

200000

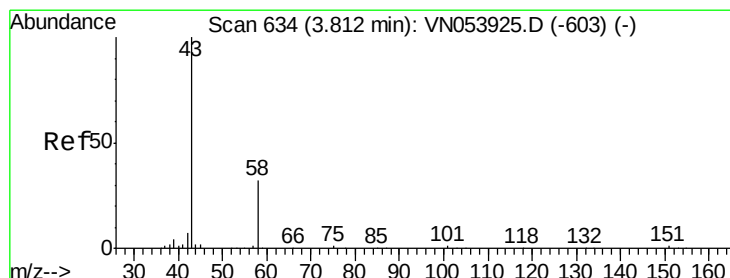
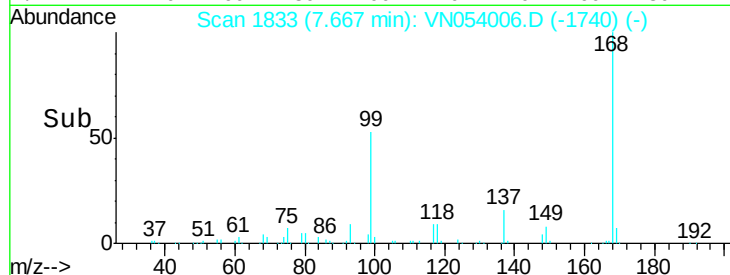
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.277 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN054006.D

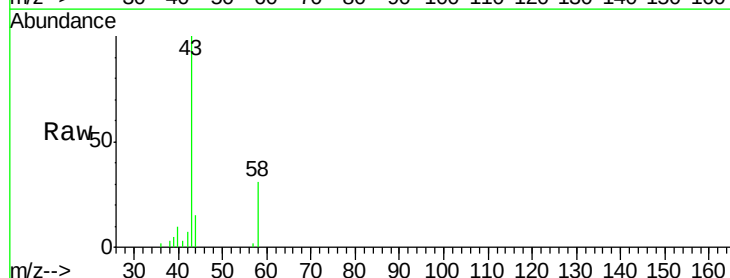
Acq: 28 Feb 2019 16:07

Tgt Ion: 43 Resp: 23549

Ion Ratio Lower Upper

43 100

58 30.7 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN054006.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN054006.D (-540) (-)

3.82

10000

8000

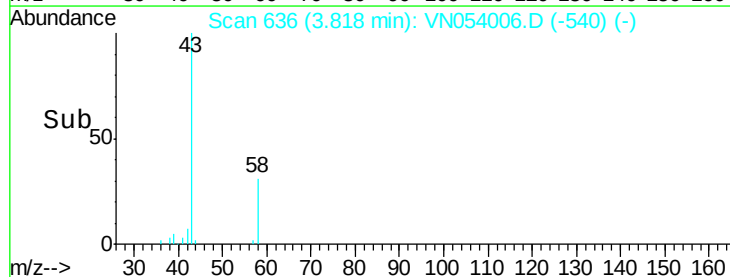
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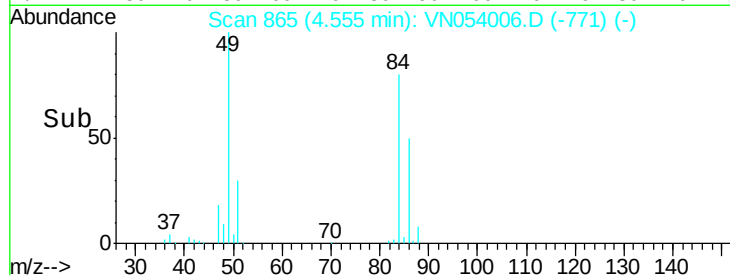
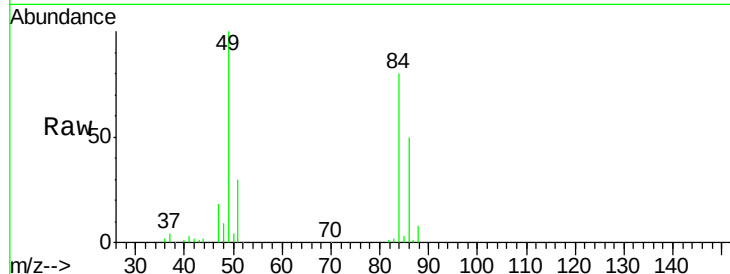
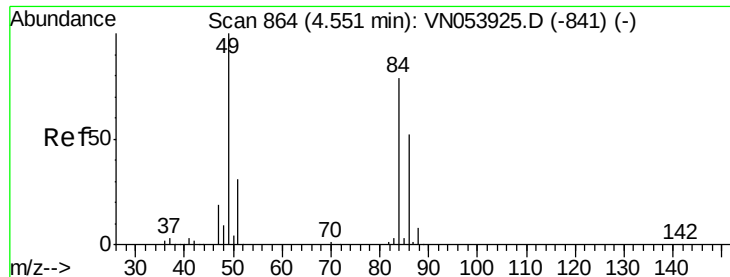
4000

2000

0

Time-->

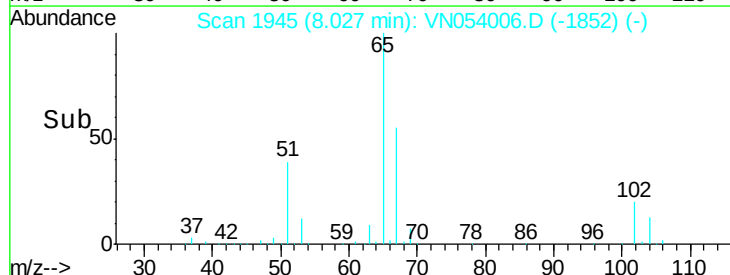
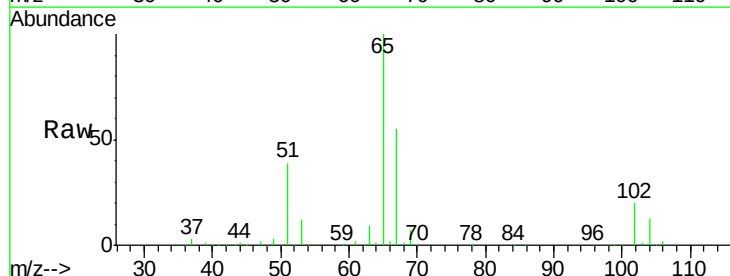
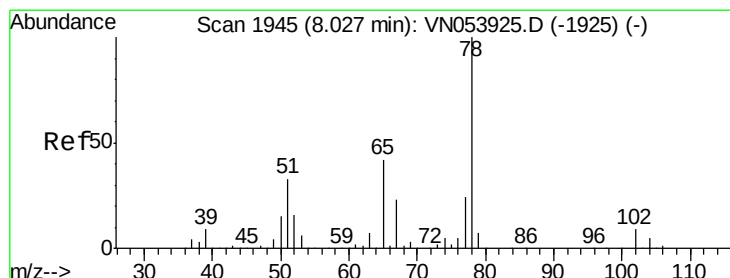
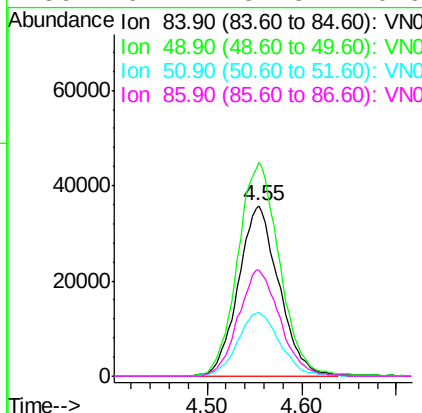




#20
Methylene Chloride
Concen: 16.225 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

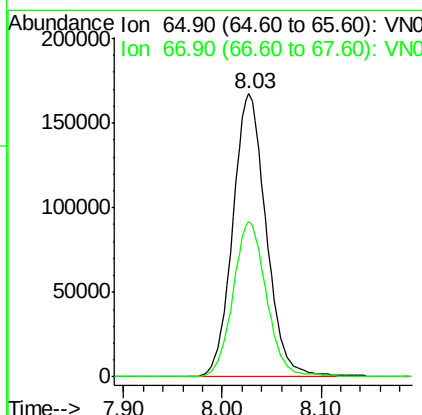
Instrument :
MSVOA_N
ClientSampled :
HR-06-022719-B

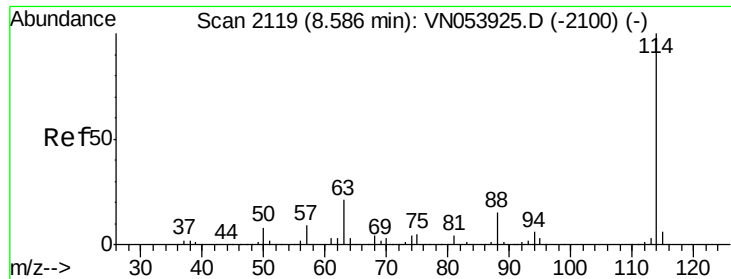
Tot Ion: 84 Resp: 106819
Ion Ratio Lower Upper
84 100
49 125.4 89.7 134.5
51 37.3 27.8 41.8
86 62.4 51.3 76.9



#33
1,2-Dichloroethane-d4
Concen: 59.090 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

Tgt Ion: 65 Resp: 393061
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

HR-06-022719-B

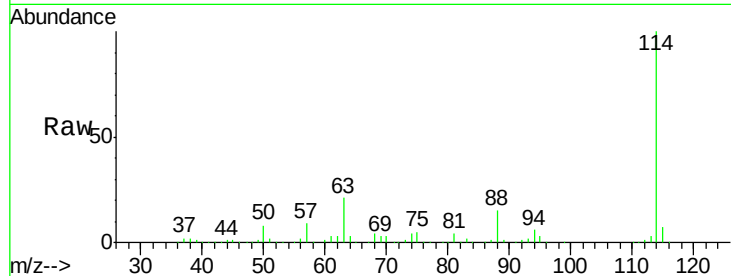
Tot Ion:114 Resp: 1103077

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

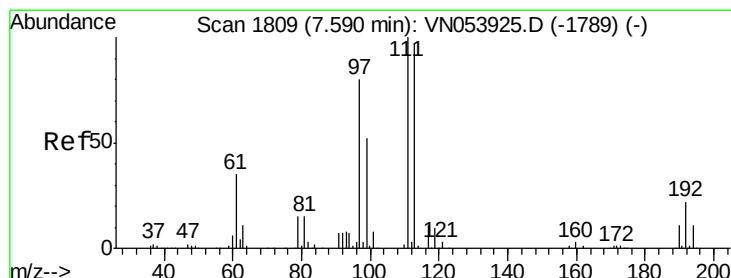
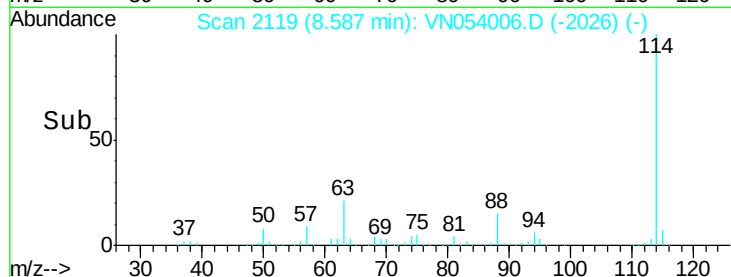
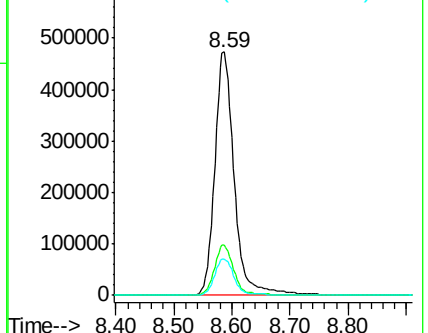
88 15.0 0.0 30.4



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: 50.490 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

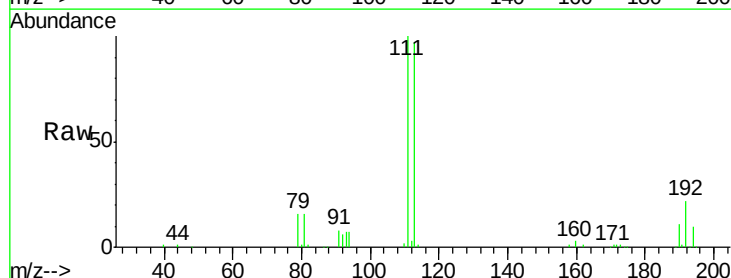
Tgt Ion:113 Resp: 360149

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

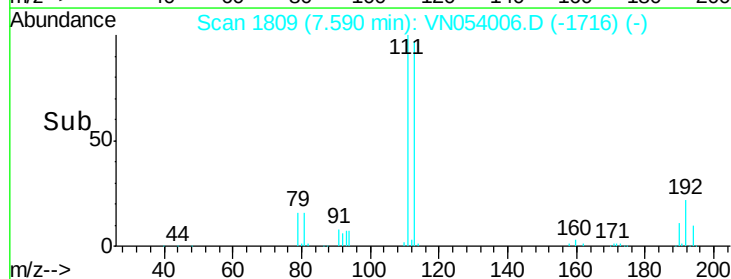
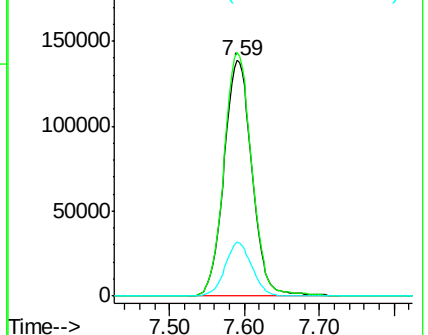
192 21.8 18.8 28.2

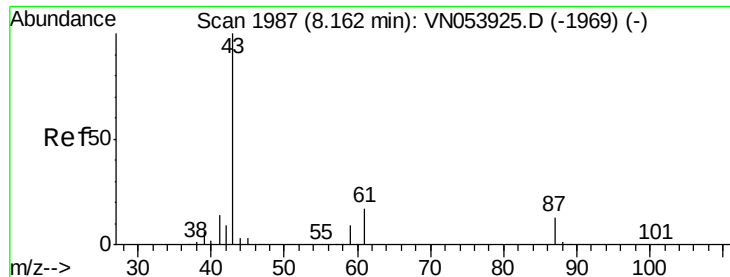


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.119 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

HR-06-022719-B

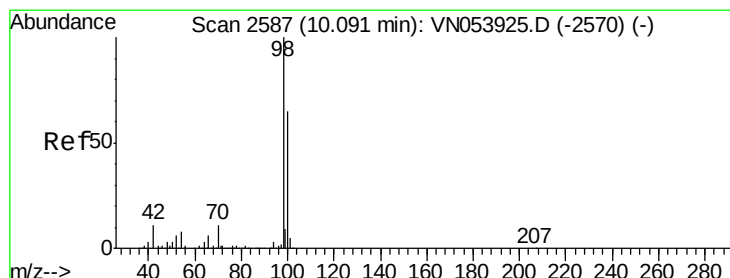
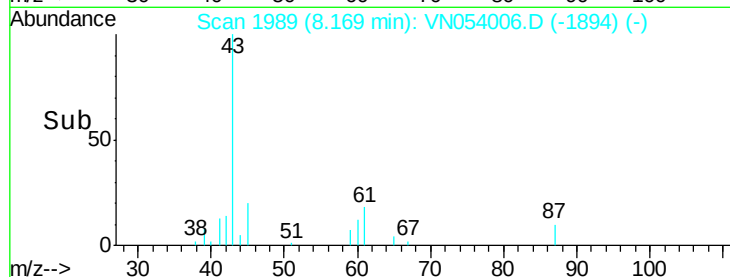
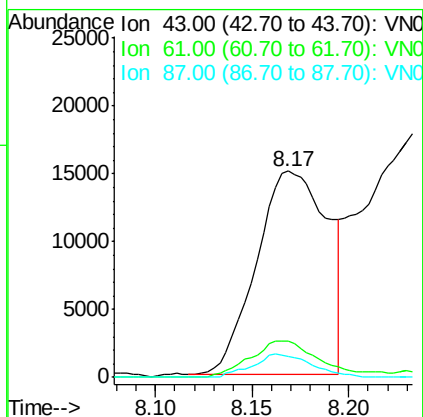
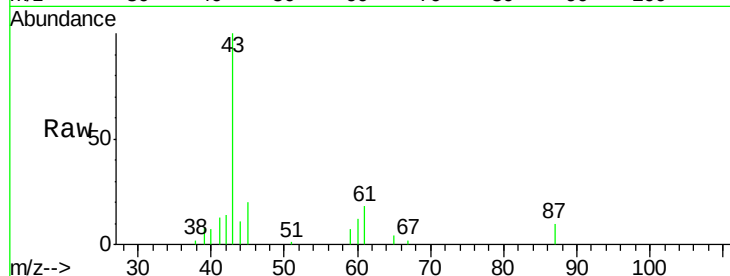
Tot Ion: 43 Resp: 38577

Ion Ratio Lower Upper

43 100

61 17.5 17.4 26.0

87 9.5 11.5 17.3#



#50

Toluene-d8

Concen: 53.011 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054006.D

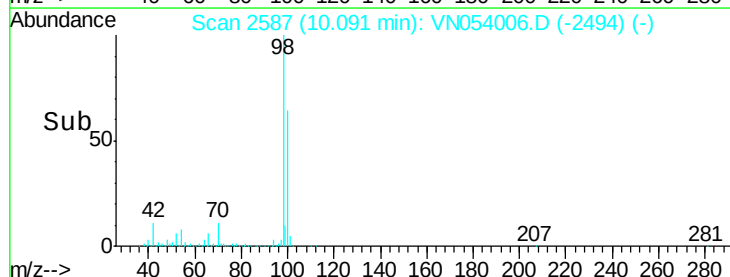
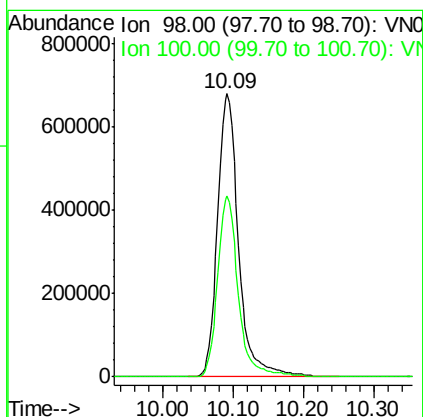
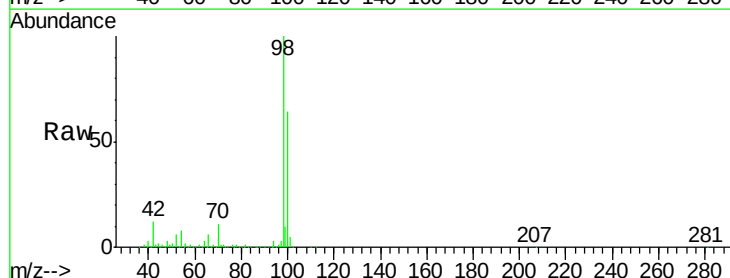
Acq: 28 Feb 2019 16:07

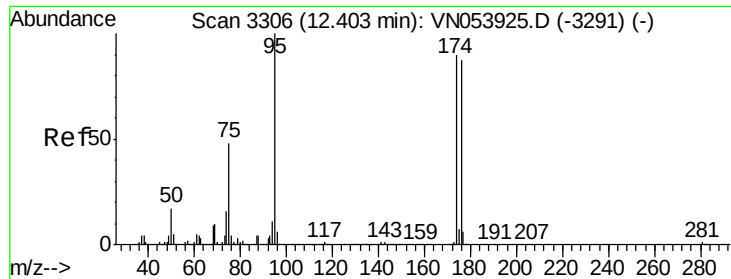
Tgt Ion: 98 Resp: 1407619

Ion Ratio Lower Upper

98 100

100 63.1 51.9 77.9

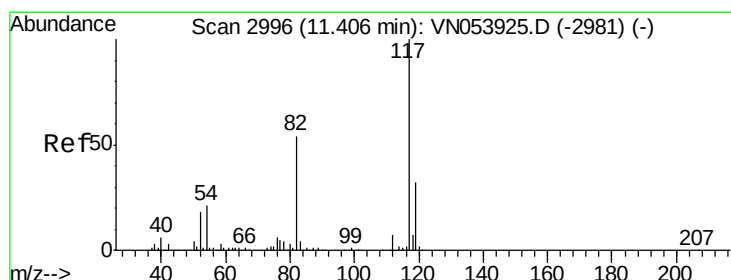
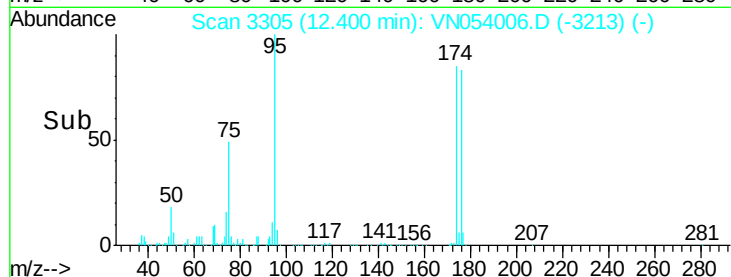
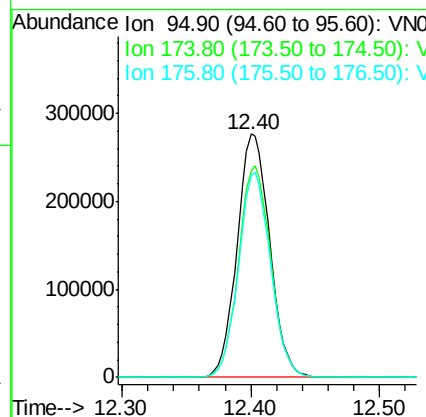
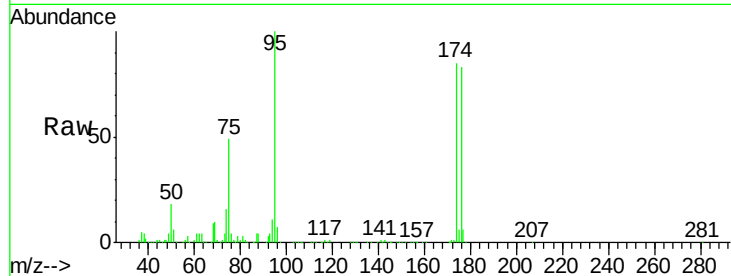




#62
4-Bromofluorobenzene
Concen: 54.846 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

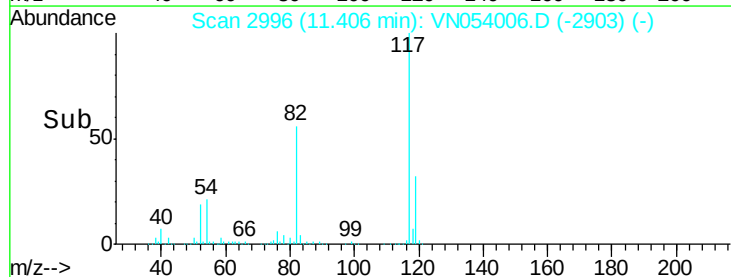
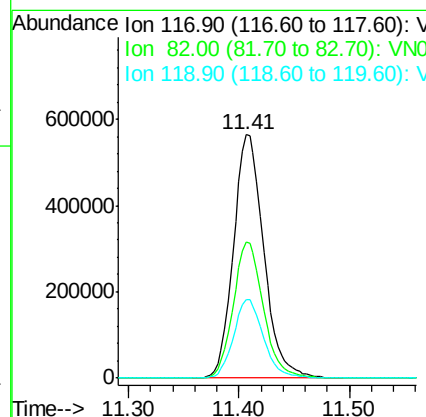
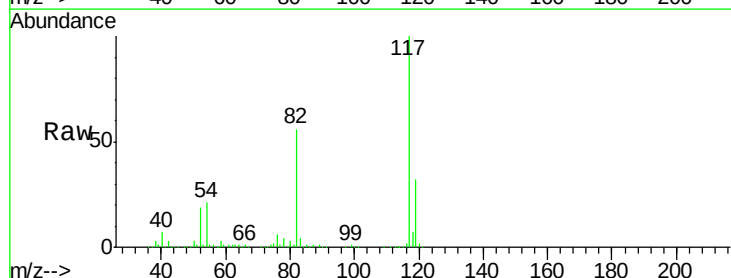
Instrument :
MSVOA_N
ClientSampleId :
HR-06-022719-B

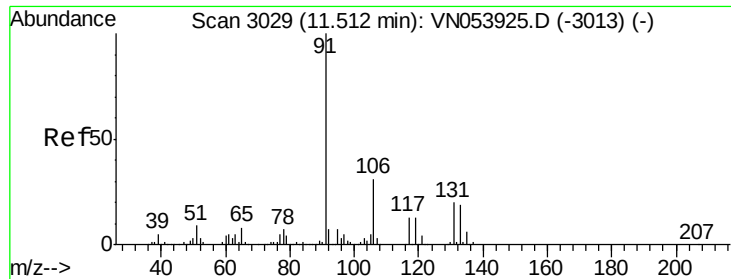
Tot Ion: 95 Resp: 485212
Ion Ratio Lower Upper
95 100
174 86.2 0.0 188.8
176 82.8 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

Tgt Ion: 117 Resp: 1073553
Ion Ratio Lower Upper
117 100
82 55.7 41.4 62.2
119 32.2 25.3 37.9

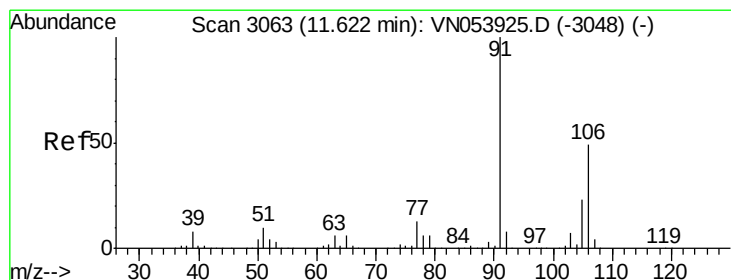
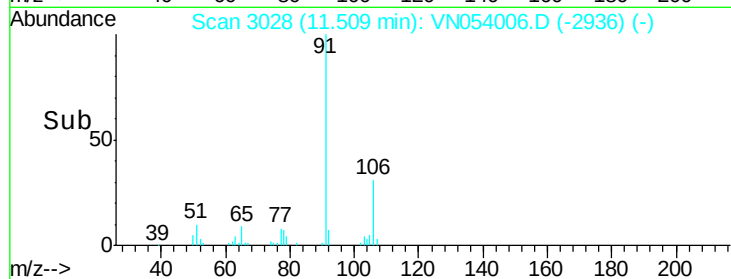
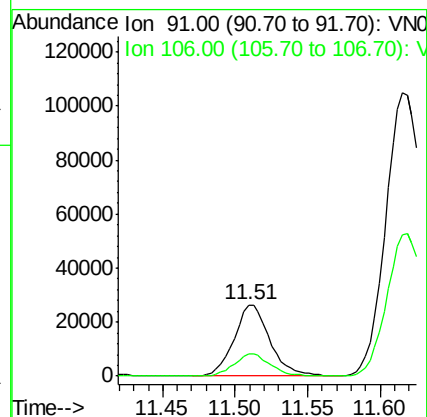
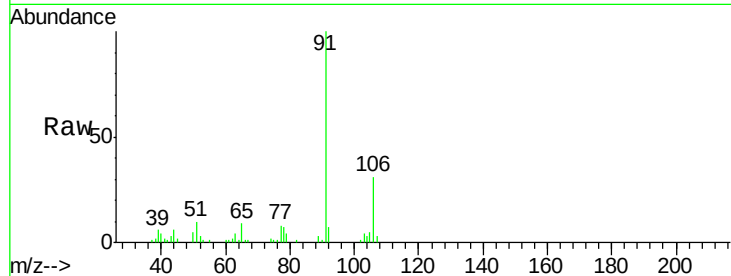




#67
Ethyl Benzene
Concen: 1.195 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

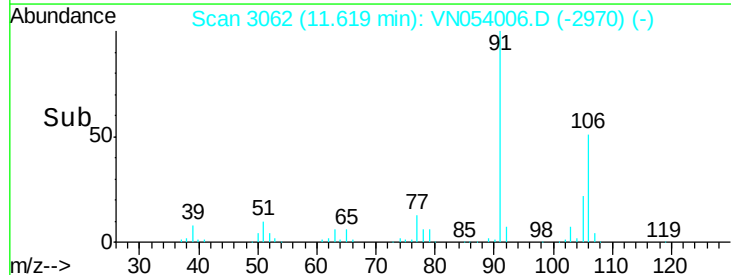
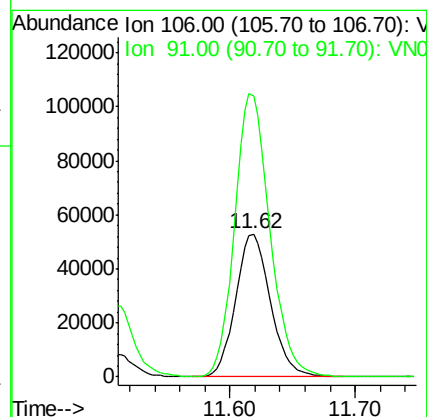
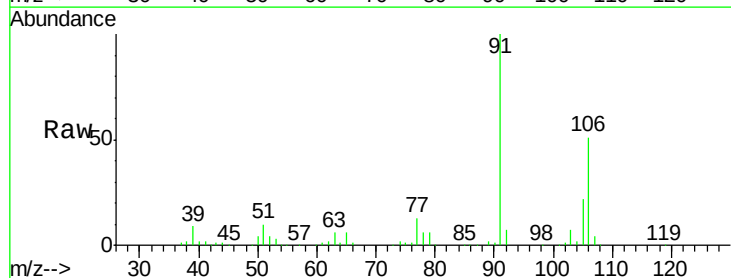
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HR-06-022719-B

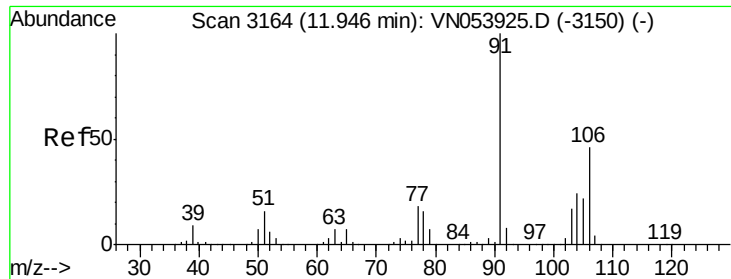
Tot Ion: 91 Resp: 45371
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8



#68
m/p-Xylenes
Concen: 7.120 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

Tgt Ion: 106 Resp: 102065
Ion Ratio Lower Upper
106 100
91 199.6 158.9 238.3

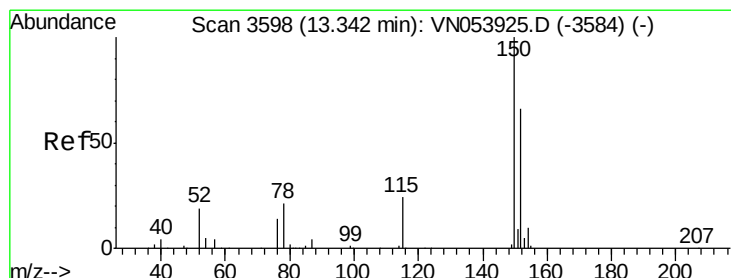
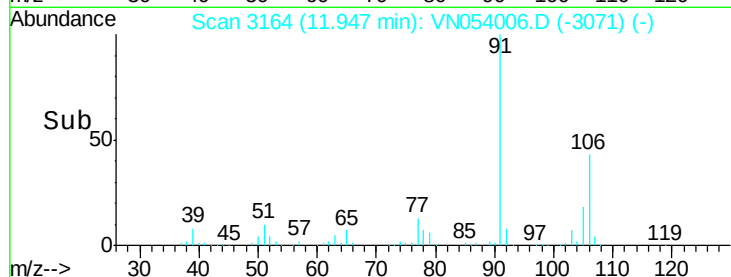
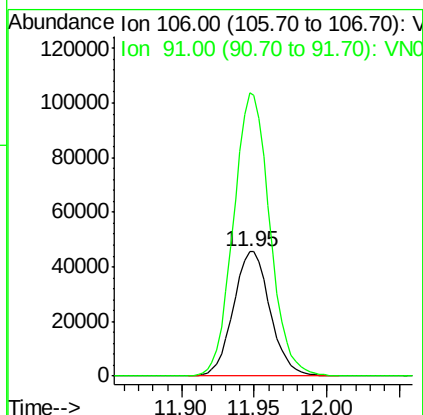
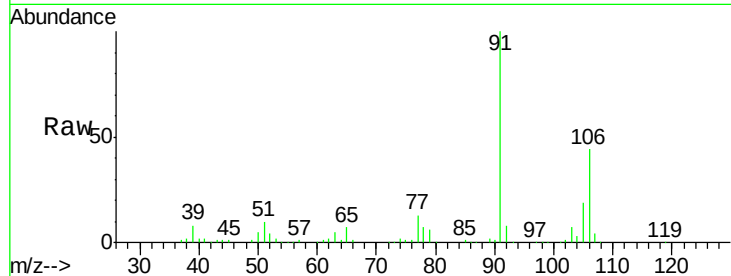




#69
o-Xylene
Concen: 5.688 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

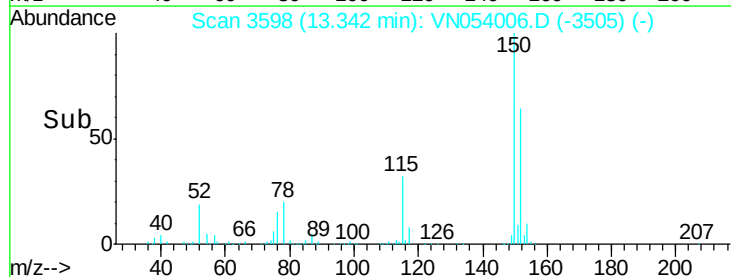
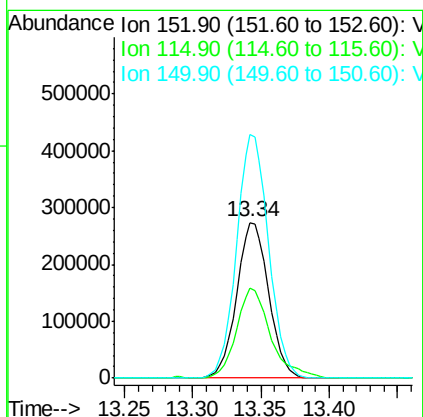
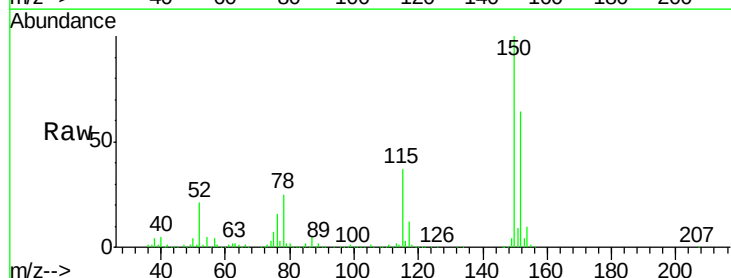
Instrument :
MSVOA_N
ClientSampleId :
HR-06-022719-B

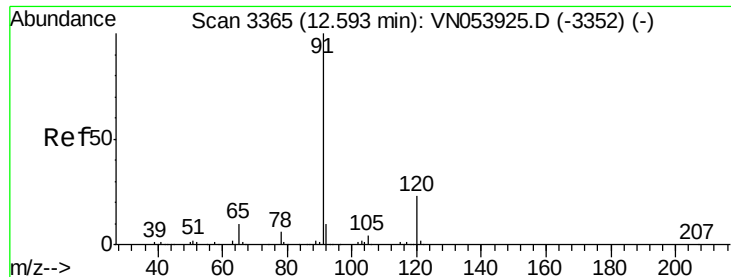
Tot Ion:106 Resp: 80127
Ion Ratio Lower Upper
106 100
91 224.7 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

Tgt Ion:152 Resp: 443584
Ion Ratio Lower Upper
152 100
115 61.8 27.2 81.6
150 157.1 0.0 348.2





#78

n-propylbenzene

Concen: 2.246 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

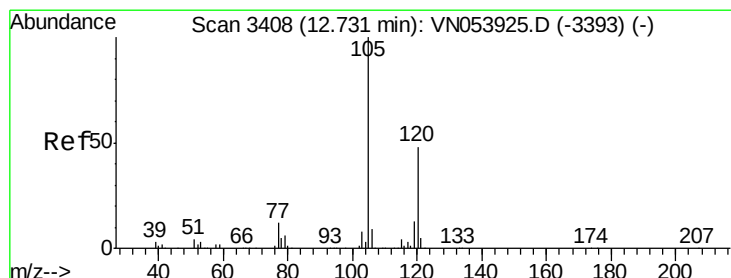
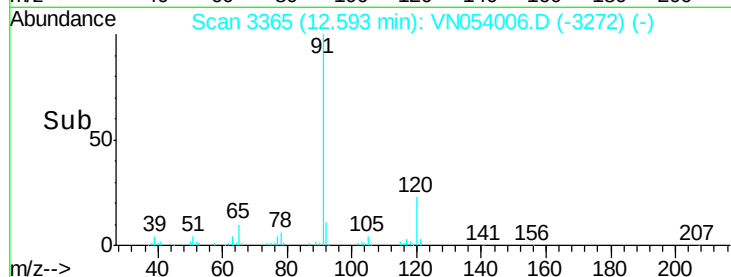
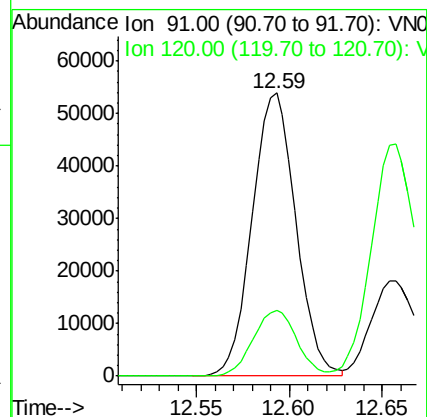
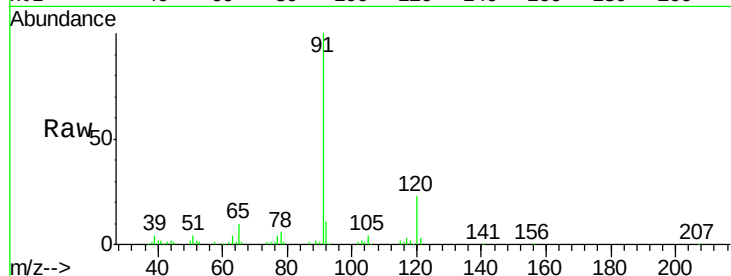
HR-06-022719-B

Tot Ion: 91 Resp: 88184

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.9



#80

1,3,5-Trimethylbenzene

Concen: 6.223 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054006.D

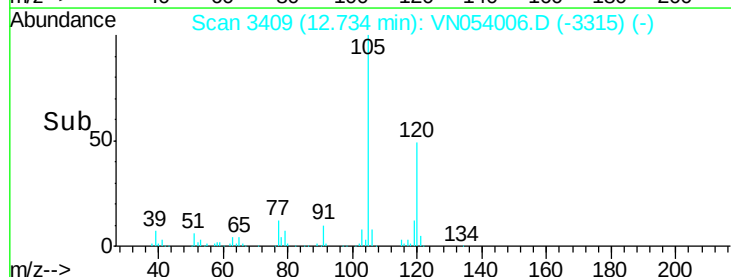
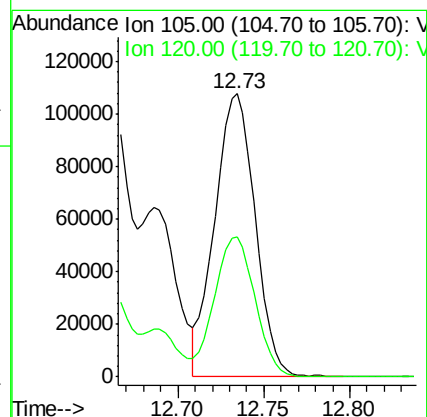
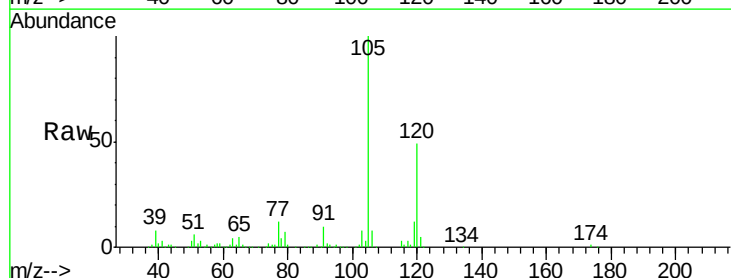
Acq: 28 Feb 2019 16:07

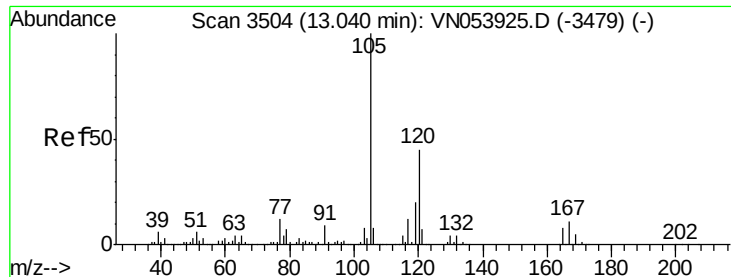
Tgt Ion: 105 Resp: 175908

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.2

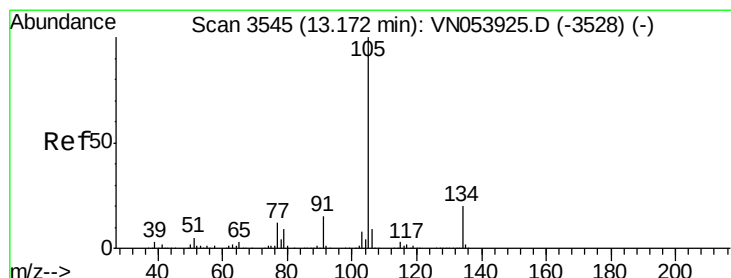
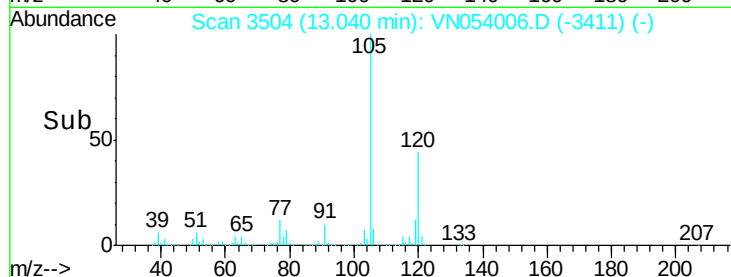
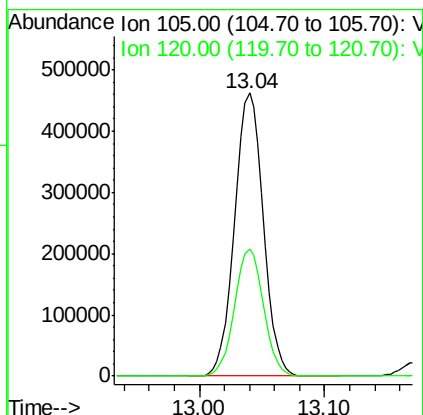
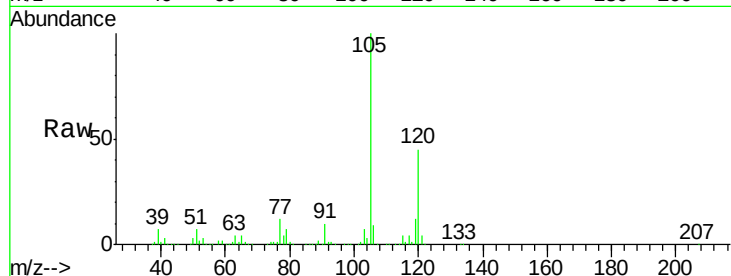




#84
 1,2,4-Trimethylbenzene
 Concen: 26.029 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054006.D
 Acq: 28 Feb 2019 16:07

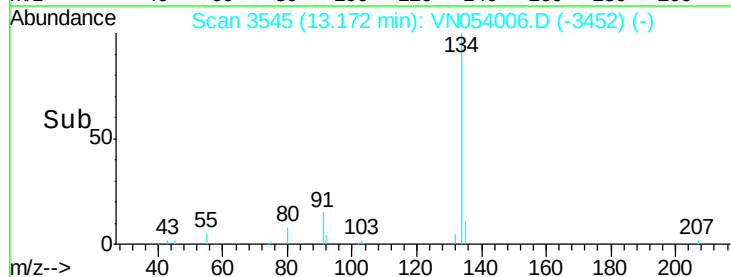
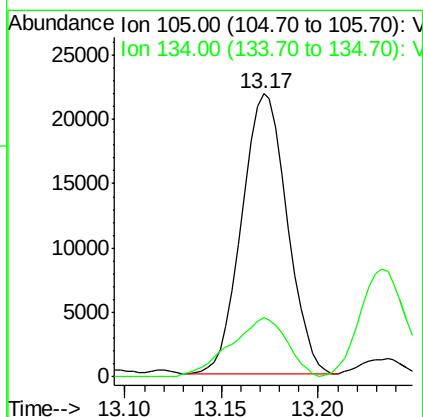
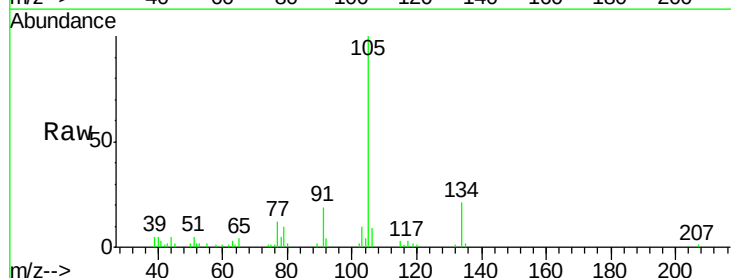
Instrument :
 MSVOA_N
 ClientSampled :
 HR-06-022719-B

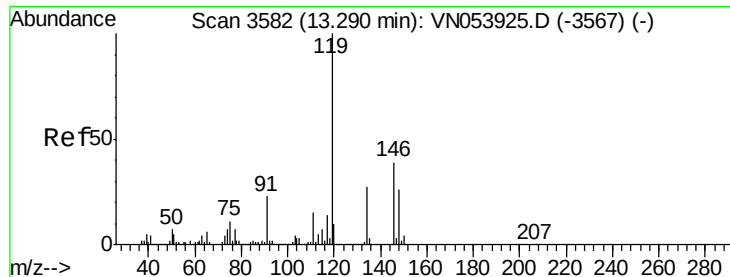
Tot Ion:105 Resp: 734579
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 1.037 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054006.D
 Acq: 28 Feb 2019 16:07

Tgt Ion:105 Resp: 35417
 Ion Ratio Lower Upper
 105 100
 134 26.3 10.4 31.1

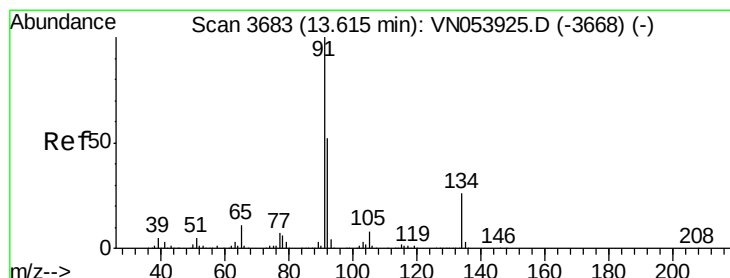
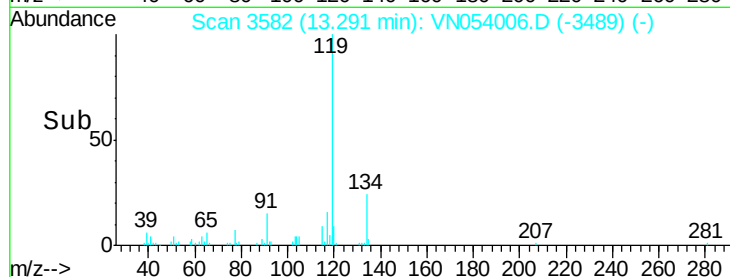
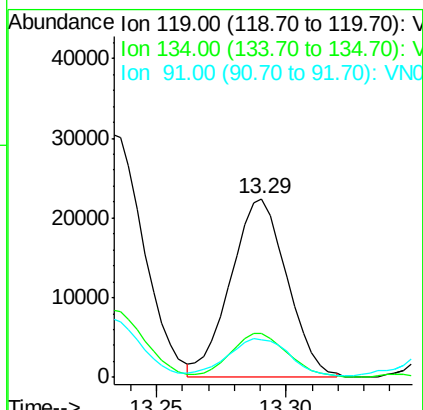
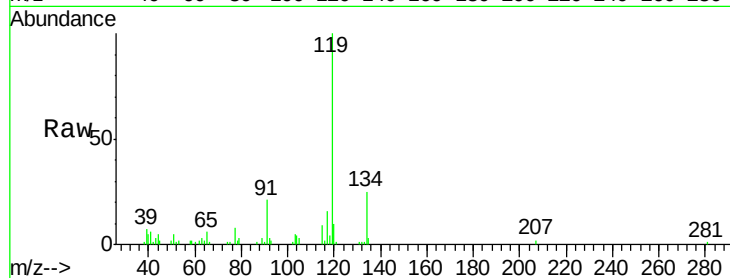




#86
 p-Isopropyltoluene
 Concen: 1.177 ug/l m
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN054006.D
 Acq: 28 Feb 2019 16:07

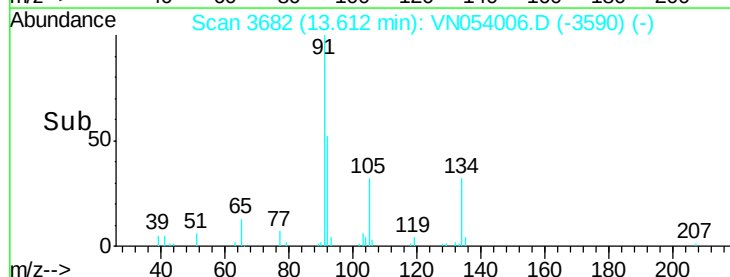
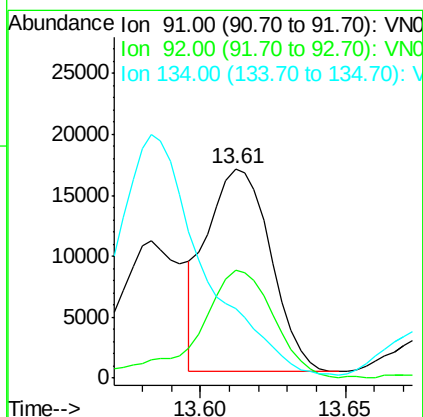
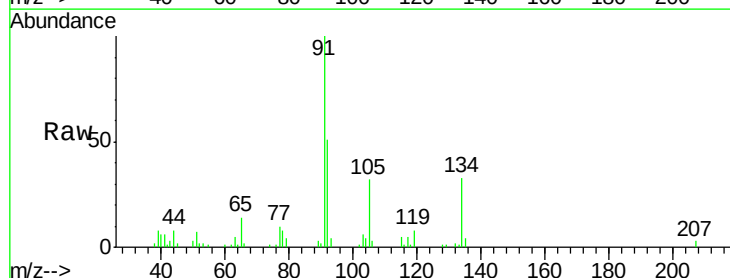
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-022719-B

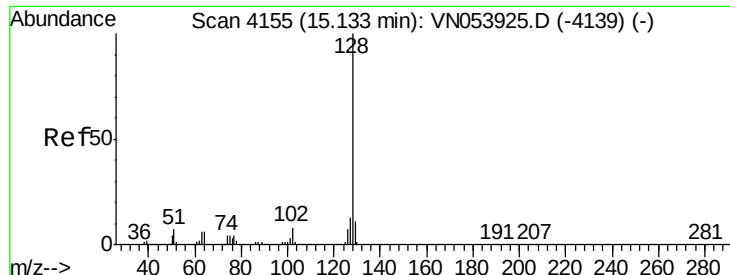
Tot Ion:119 Resp: 33970
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.5 40.4#
 91 0.0 10.9 32.6#



#89
 n-Butylbenzene
 Concen: 1.043 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN054006.D
 Acq: 28 Feb 2019 16:07

Tgt Ion: 91 Resp: 25373
 Ion Ratio Lower Upper
 91 100
 92 63.0 26.1 78.2
 134 0.0 13.6 40.8#





#95

Naphthalene

Concen: 10.923 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

HR-06-022719-B

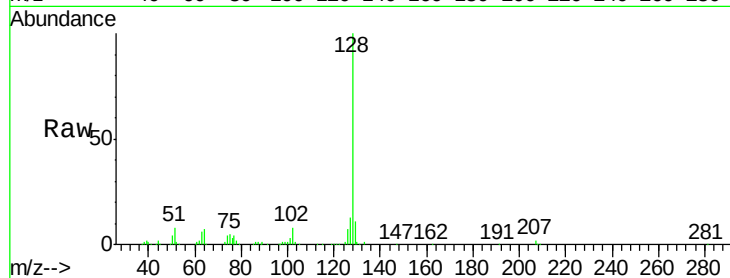
Tot Ion:128 Resp: 144728

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

129 11.3 8.6 12.8



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

