

Data File : VN055386.D
Acq On : 3 May 2019 13:42
Operator : JC/SP
Sample : K2658-05DL 100X
Misc : 5.97g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(14-17)DL

Quant Time: May 06 06:23:01 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

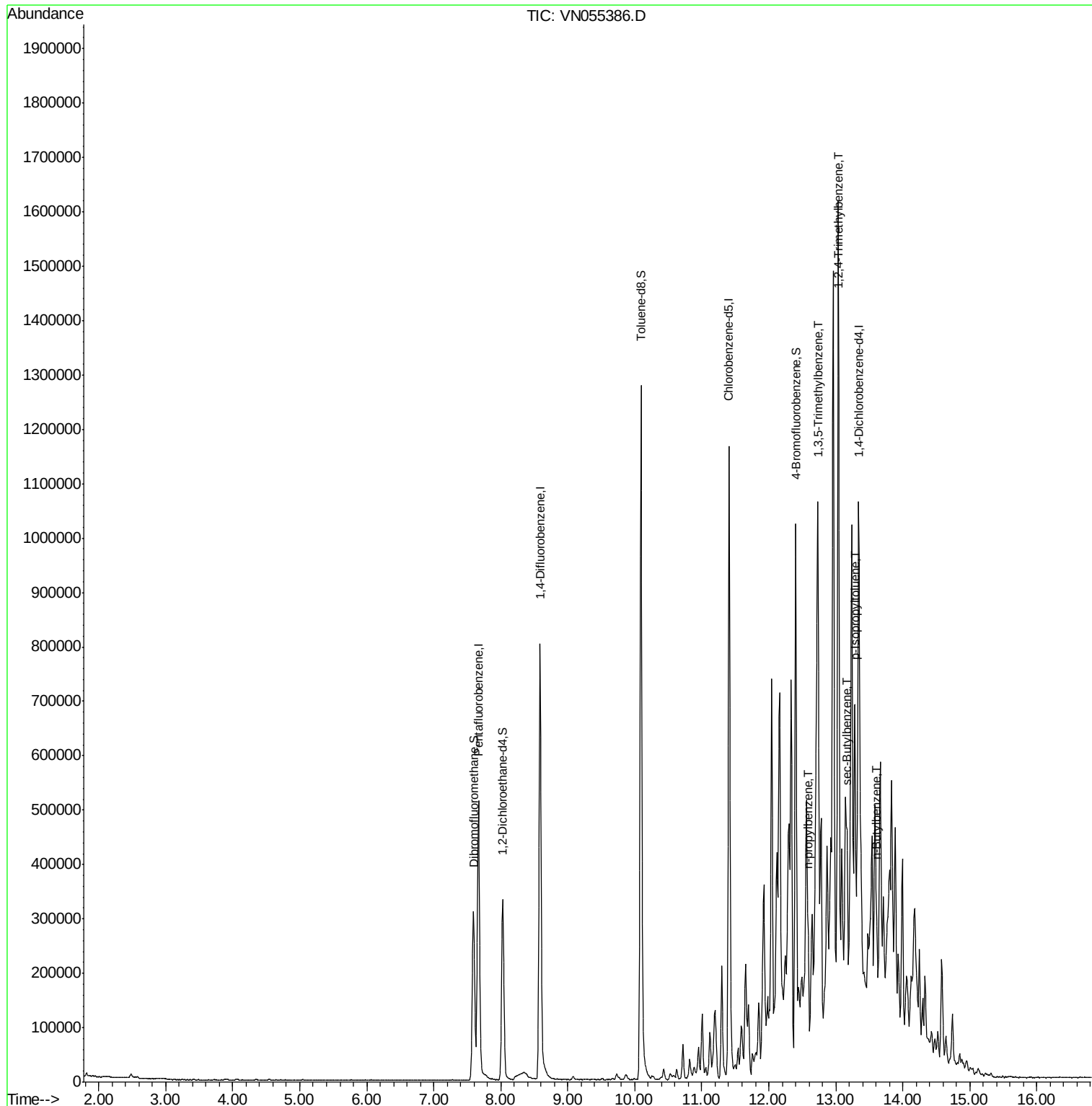
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	437092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	761324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	686314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	236341	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	297335	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
35) Dibromofluoromethane	7.59	113	238231	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
50) Toluene-d8	10.09	98	934457	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.40	95	309878	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
Target Compounds						
78) n-propylbenzene	12.59	91	138558	5.707	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	191210	10.320	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	747552	45.113	ug/l	99
85) sec-Butylbenzene	13.17	105	94793	4.707	ug/l #	75
86) p-Isopropyltoluene	13.29	119	81025	4.895	ug/l	99
89) n-Butylbenzene	13.61	91	74863	6.365	ug/l #	81

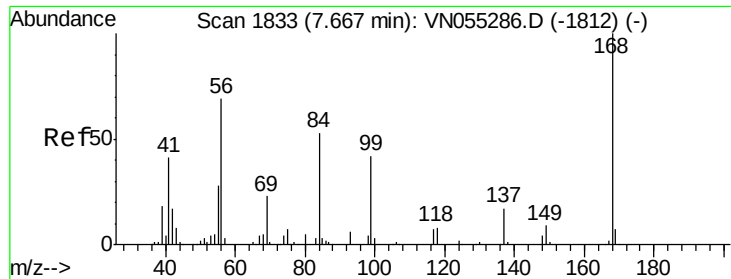
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

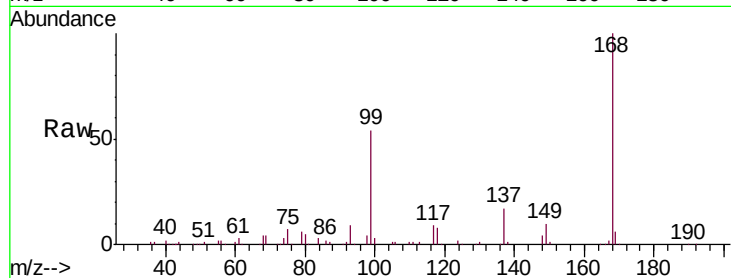
EP1-SB-E7(14-17)DL

Tgt Ion:168 Resp: 437092

Ion Ratio Lower Upper

168 100

99 54.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

200000

150000

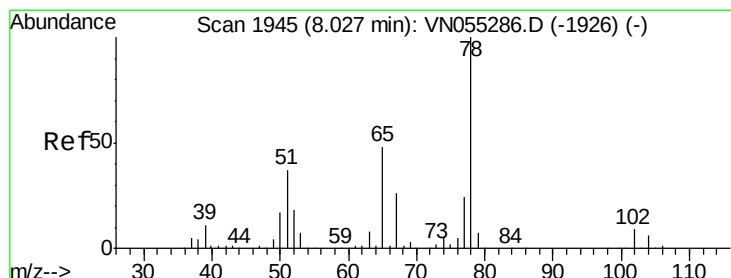
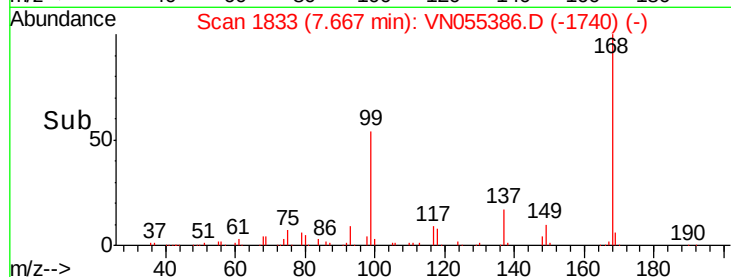
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.998 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055386.D

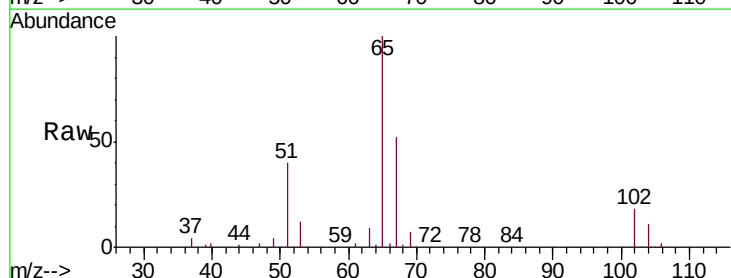
Acq: 3 May 2019 13:42

Tgt Ion: 65 Resp: 297335

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN055286.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055286.D (-1926) (-)

8.03

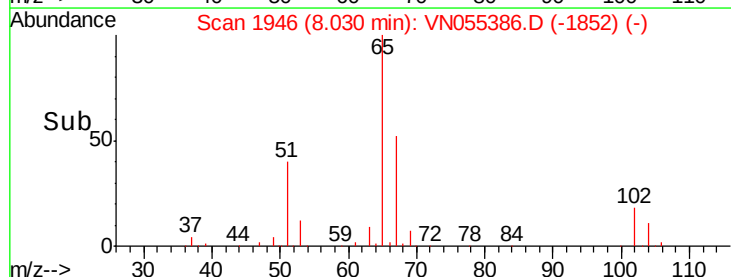
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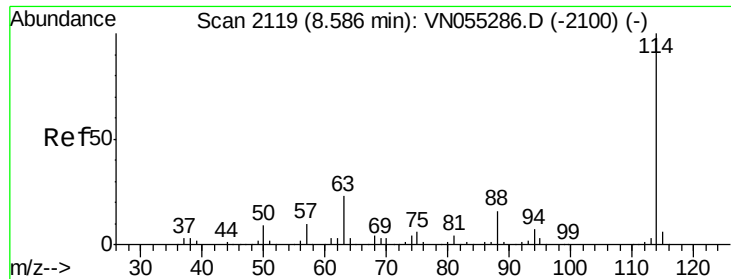
50000

0

7.90 8.00 8.10 8.20

Time-->

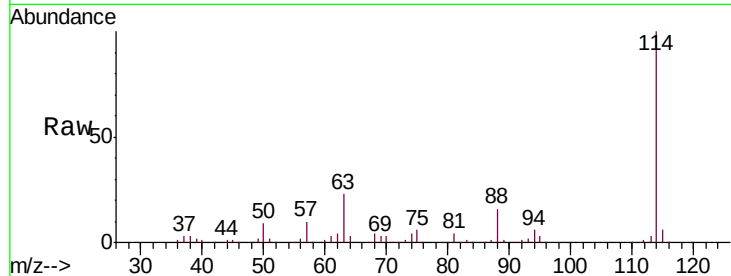




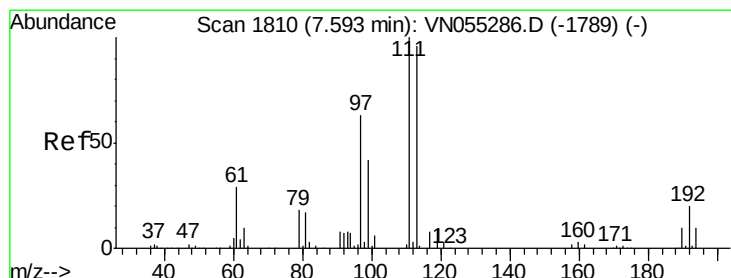
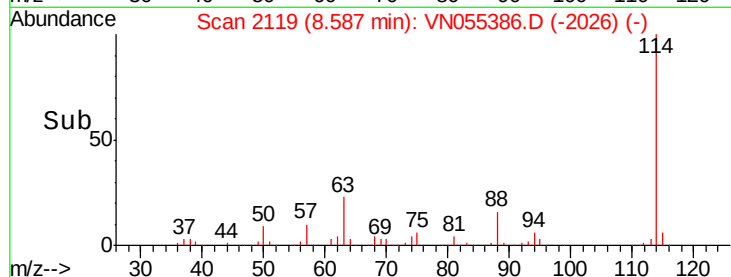
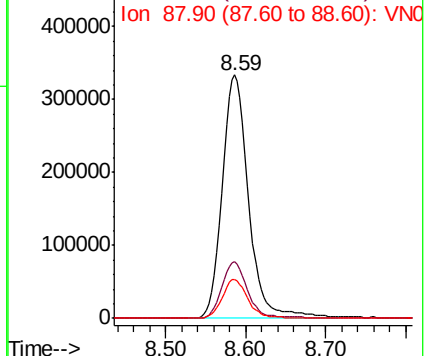
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(14-17)DL

Tgt Ion:114 Resp: 761324
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.2
88 16.1 0.0 31.6

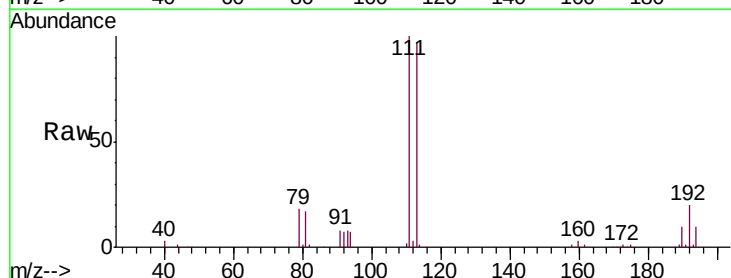


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

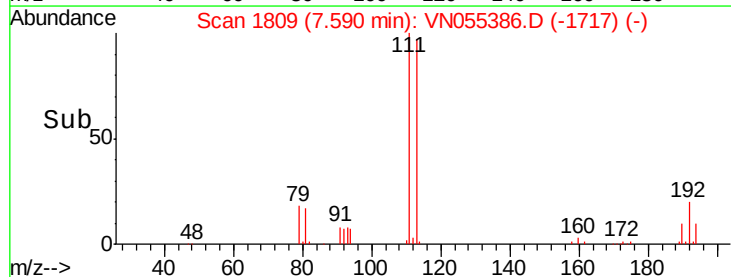
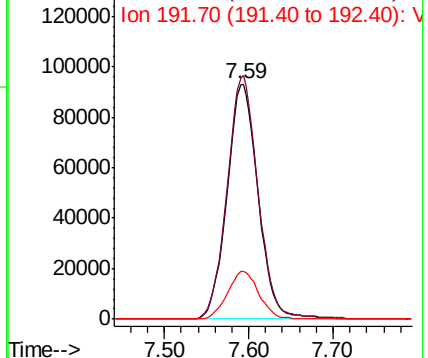


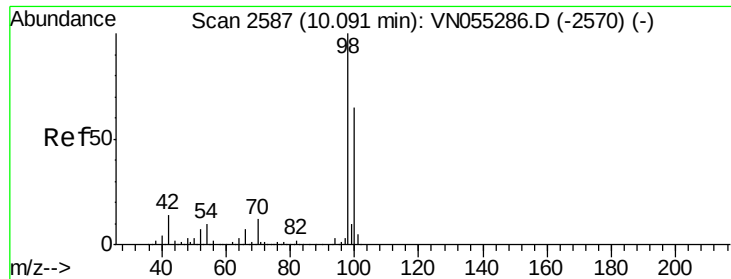
#35
Dibromofluoromethane
Concen: 47.674 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

Tgt Ion:113 Resp: 238231
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 20.5 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





#50

Toluene-d8

Concen: 51.788 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

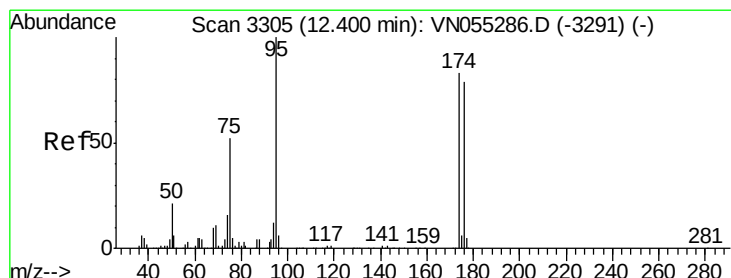
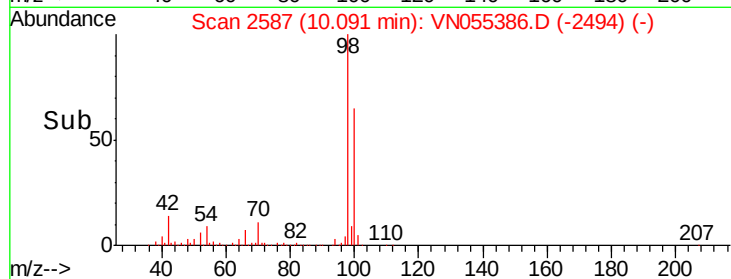
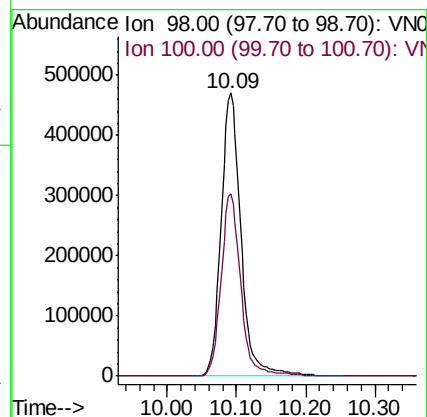
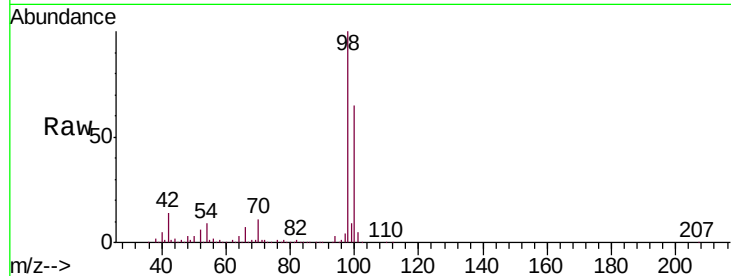
EP1-SB-E7(14-17)DL

Tgt Ion: 98 Resp: 934457

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 54.949 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

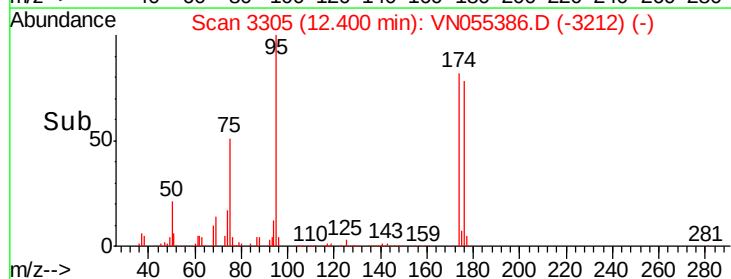
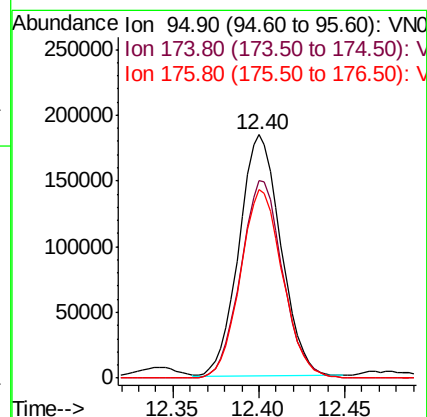
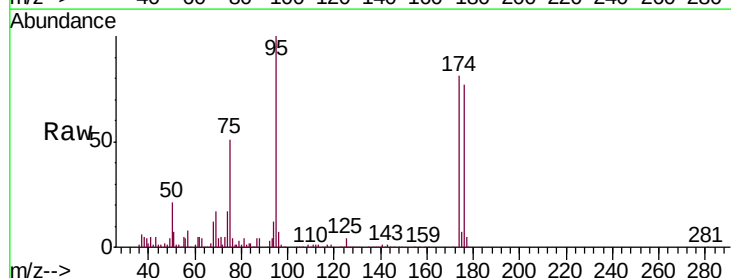
Tgt Ion: 95 Resp: 309878

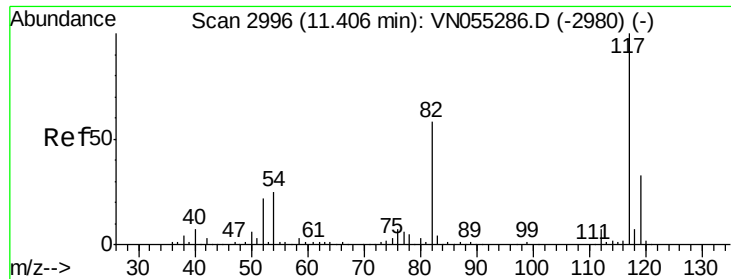
Ion Ratio Lower Upper

95 100

174 82.3 0.0 166.6

176 79.3 0.0 157.8

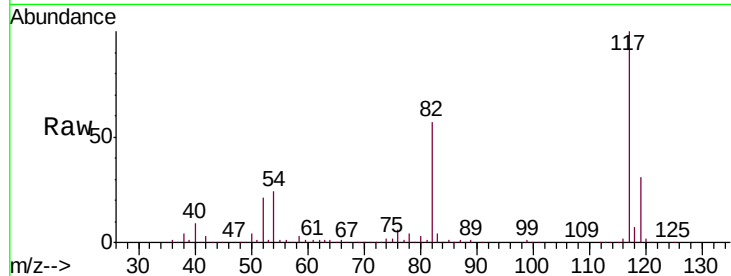




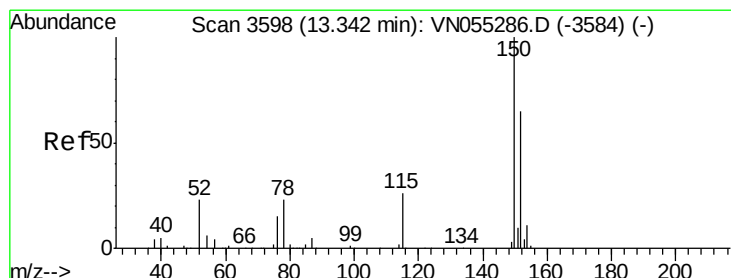
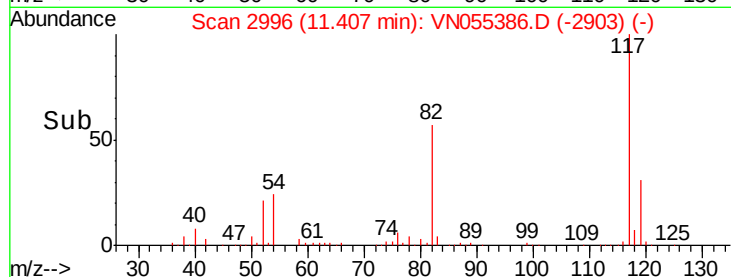
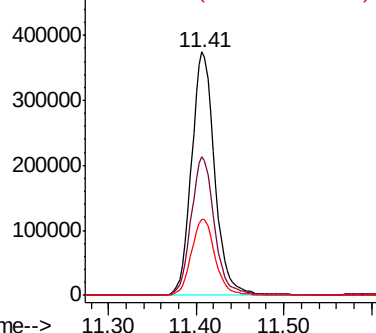
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(14-17)DL

Tgt Ion:117 Resp: 686314
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 31.2 26.6 40.0

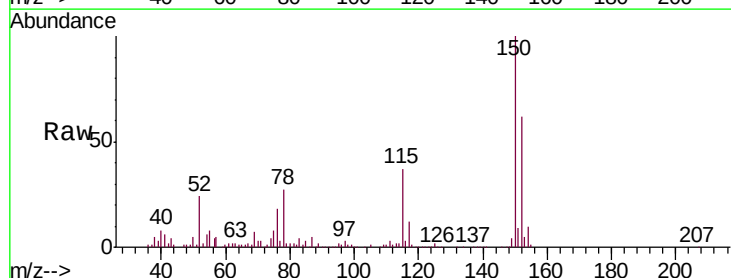


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

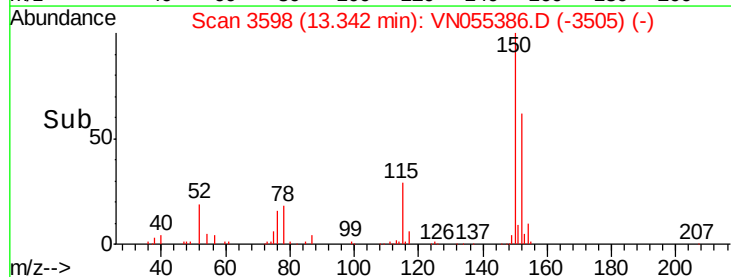
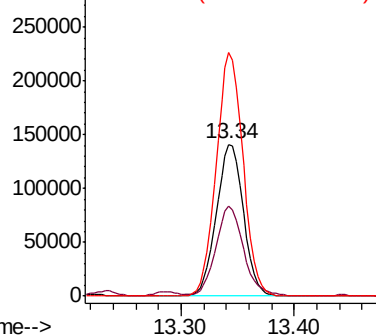


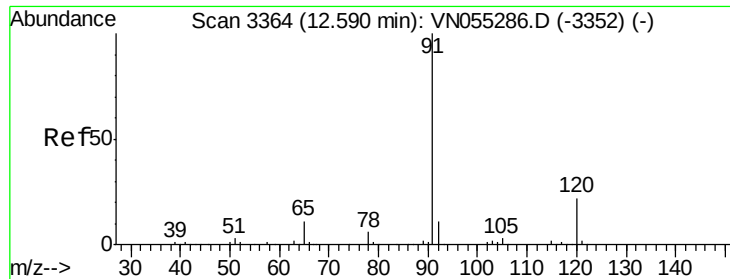
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

Tgt Ion:152 Resp: 236341
Ion Ratio Lower Upper
152 100
115 60.8 29.0 87.0
150 157.6 0.0 345.6



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

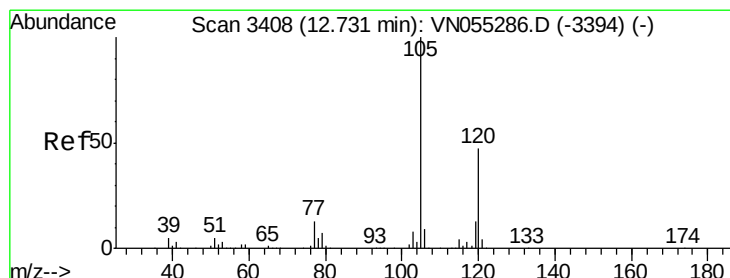
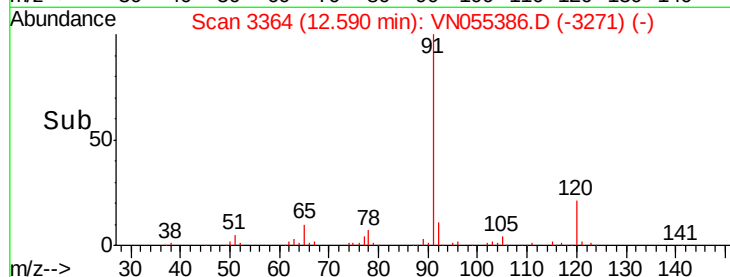
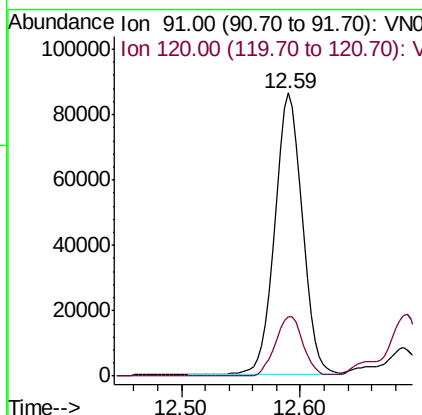
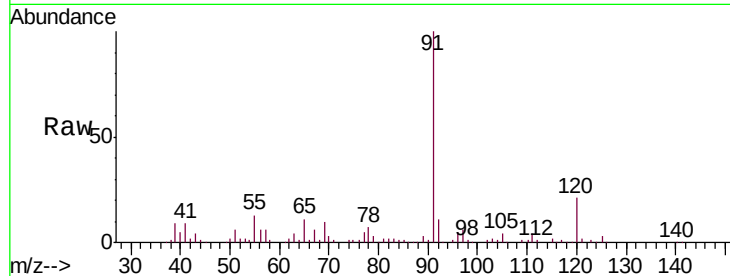




#78
n-propylbenzene
Concen: 5.707 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

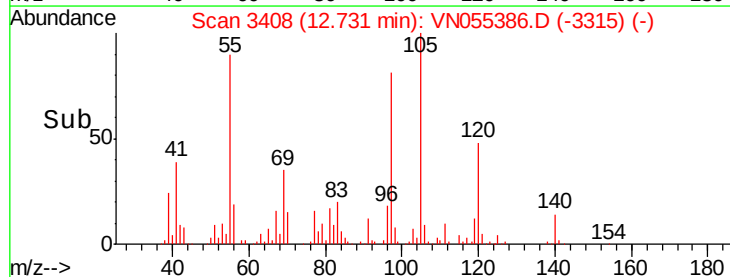
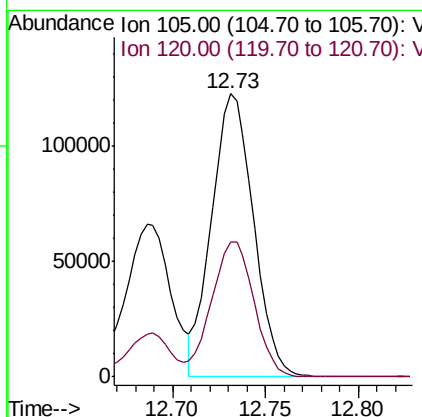
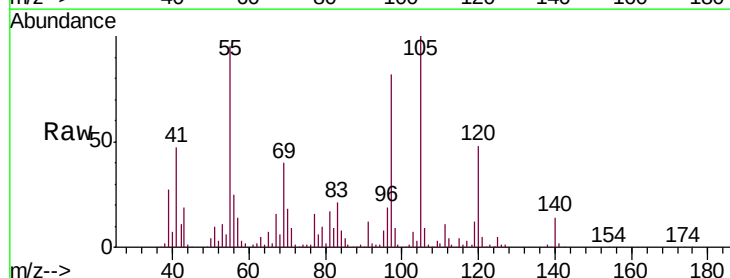
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(14-17)DL

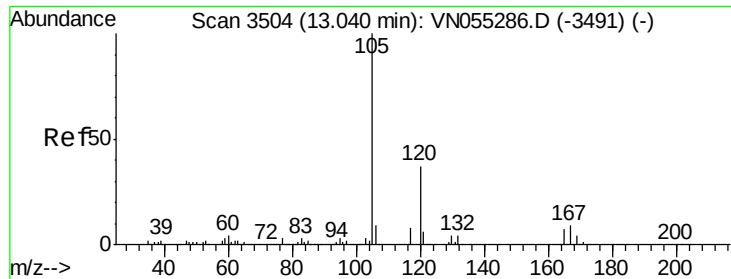
Tgt Ion: 91 Resp: 138558
Ion Ratio Lower Upper
91 100
120 21.4 11.0 33.0



#80
1,3,5-Trimethylbenzene
Concen: 10.320 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

Tgt Ion: 105 Resp: 191210
Ion Ratio Lower Upper
105 100
120 49.0 23.4 70.0

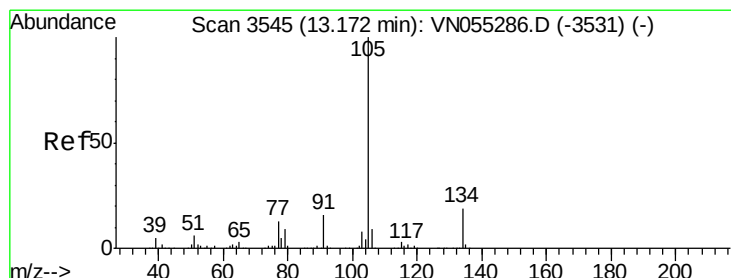
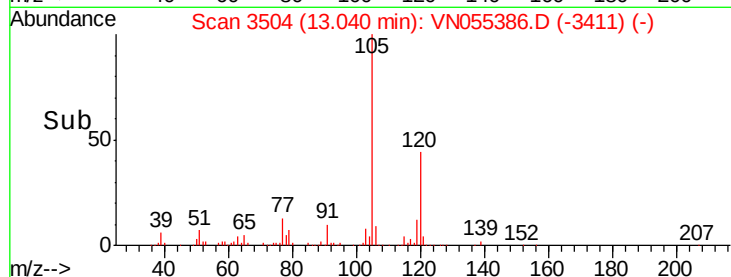
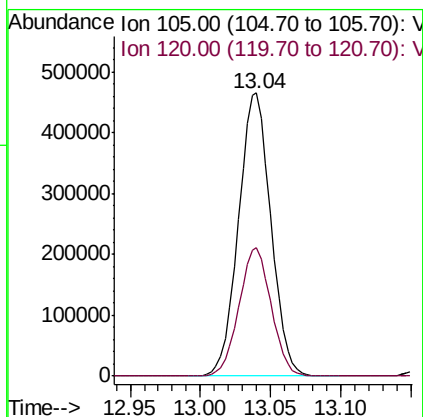
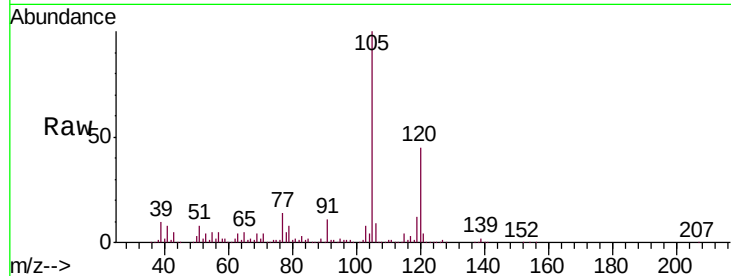




#84
1,2,4-Trimethylbenzene
Concen: 45.113 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

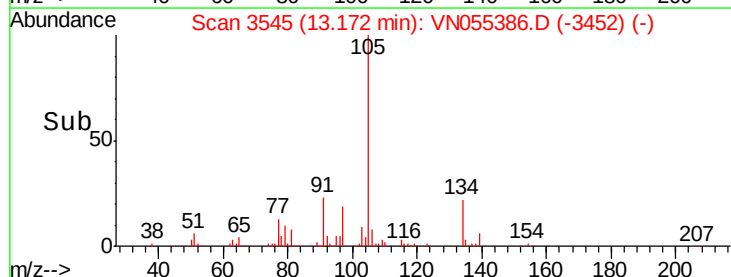
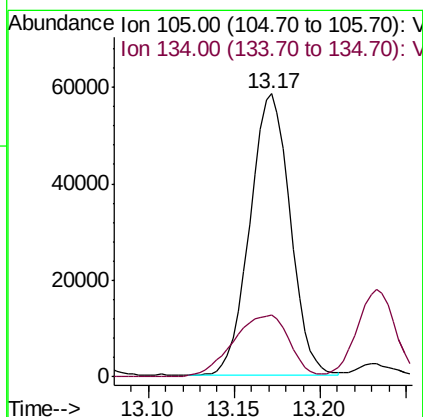
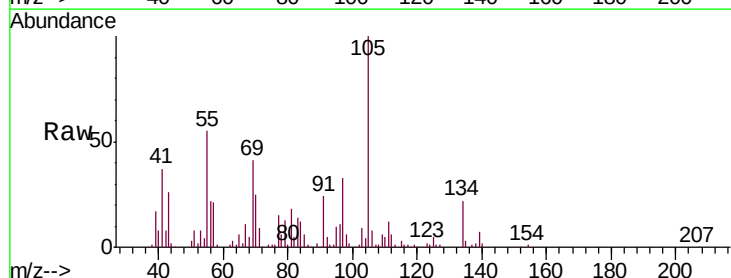
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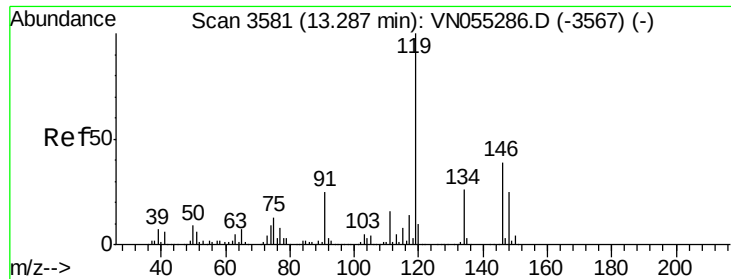
Tgt Ion:105 Resp: 747552
Ion Ratio Lower Upper
105 100
120 45.2 22.1 66.5



#85
sec-Butylbenzene
Concen: 4.707 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

Tgt Ion:105 Resp: 94793
Ion Ratio Lower Upper
105 100
134 30.5 9.6 28.8#

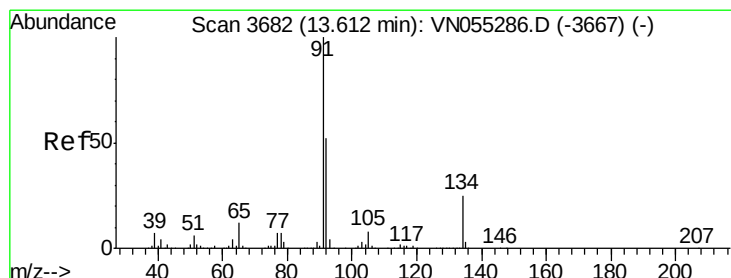
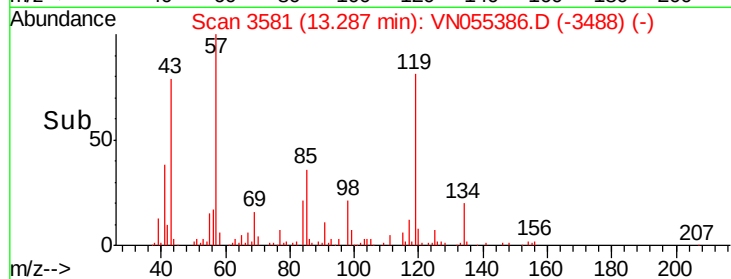
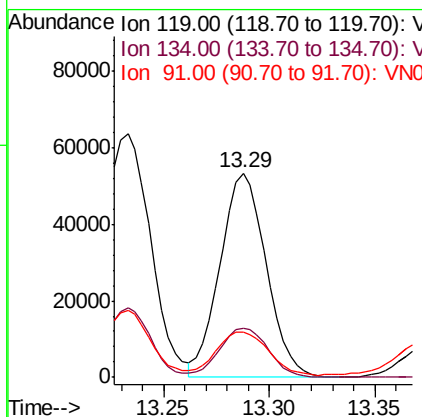
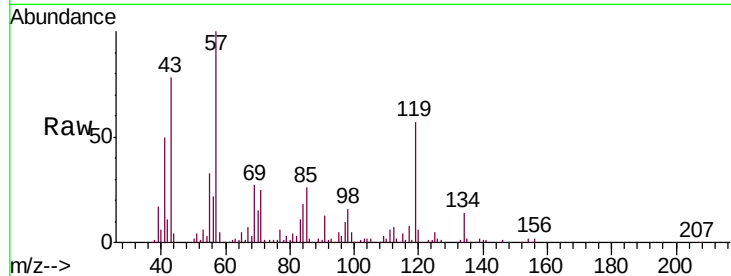




#86
 p-Isopropyltoluene
 Concen: 4.895 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055386.D
 Acq: 3 May 2019 13:42

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E7(14-17)DL

Tgt Ion: 119 Resp: 81025
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 38.9
 91 23.5 12.2 36.6



#89
 n-Butylbenzene
 Concen: 6.365 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN055386.D
 Acq: 3 May 2019 13:42

Tgt Ion: 91 Resp: 74863
 Ion Ratio Lower Upper
 91 100
 92 54.9 26.1 78.3
 134 0.0 12.4 37.4#

