

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055372.D
 Acq On : 3 May 2019 2:22
 Operator : JC/SP
 Sample : K2658-13 10X
 Misc : 6.29g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-FD-01

Quant Time: May 03 10:01:06 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

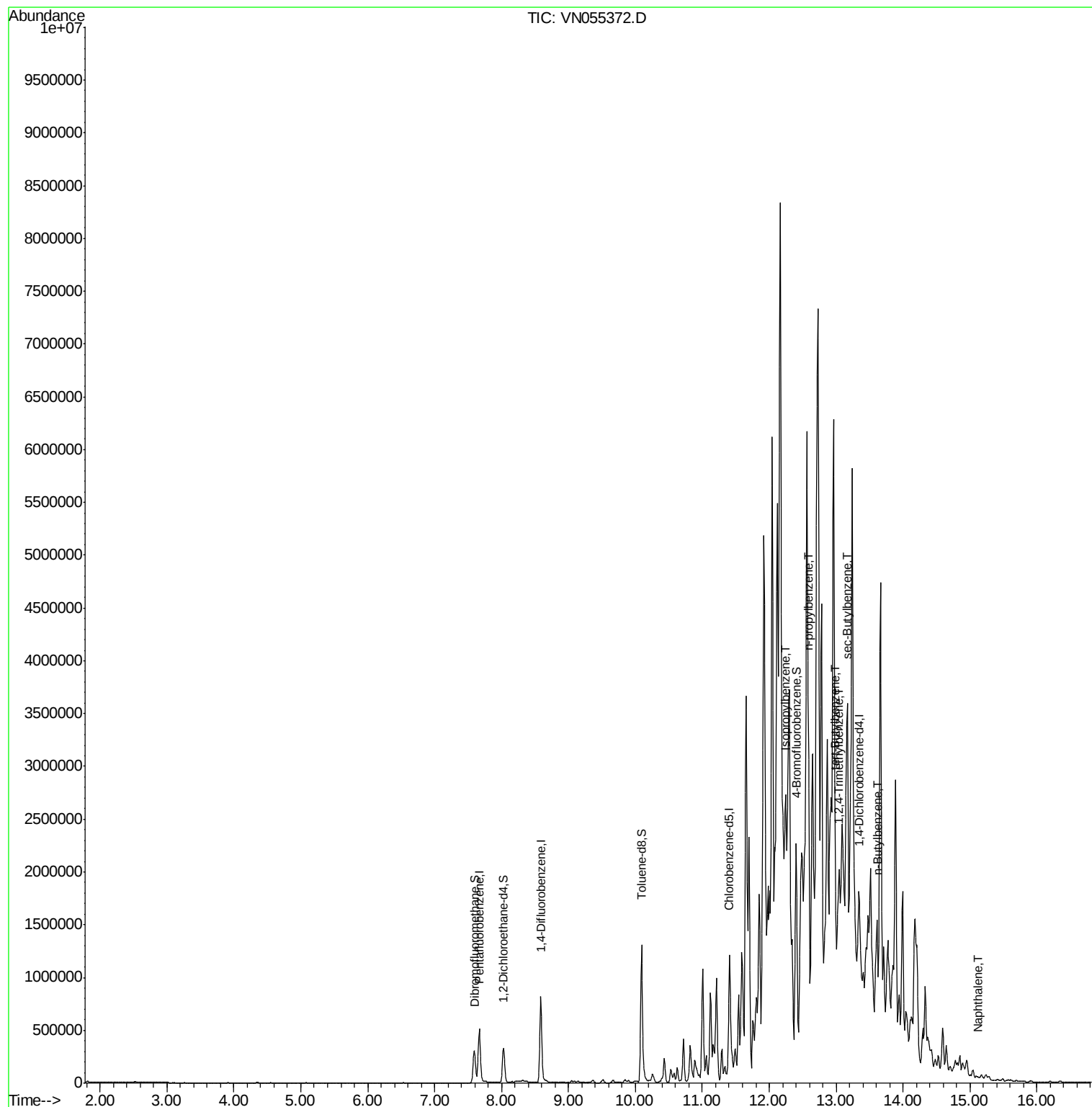
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	450242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	757998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	689608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	295783	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
35) Dibromofluoromethane	7.59	113	235975	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
50) Toluene-d8	10.09	98	942057	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.40	95	416619	74.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	148.40%	
Target Compounds						
73) Isopropylbenzene	12.25	105	596437	25.402	ug/l	99
78) n-propylbenzene	12.59	91	1707885	59.795	ug/l	100
83) tert-Butylbenzene	12.99	119	123978	5.441	ug/l	89
84) 1,2,4-Trimethylbenzene	13.04	105	62308	3.196	ug/l	99
85) sec-Butylbenzene	13.17	105	935324	39.476	ug/l #	67
89) n-Butylbenzene	13.61	91	484864	35.039	ug/l	89
95) Naphthalene	15.13	128	9997	4.536	ug/l	97

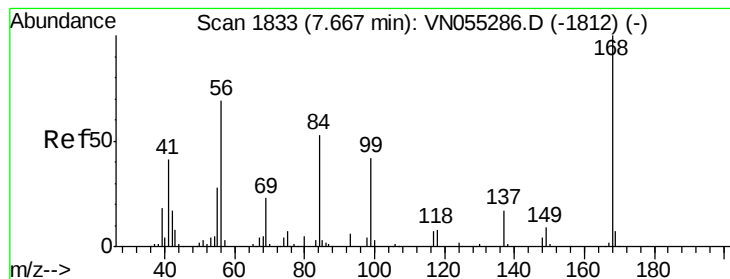
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
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EP1-SB-FD-01

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
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: VN055372.D

Acq: 3 May 2019 2:22

Instrument :

MSVOA_N

ClientSampleId :

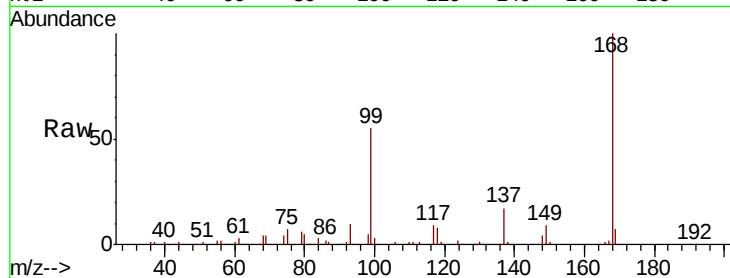
EP1-SB-FD-01

Tgt Ion:168 Resp: 450242

Ion Ratio Lower Upper

168 100

99 55.5 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

200000

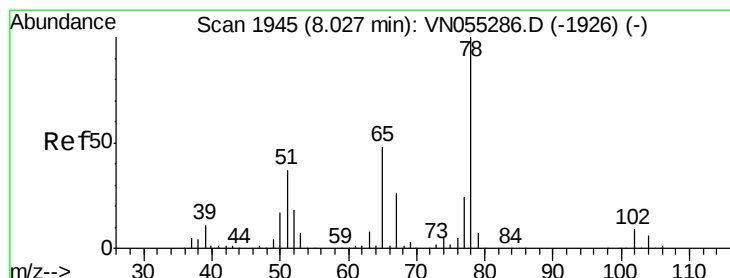
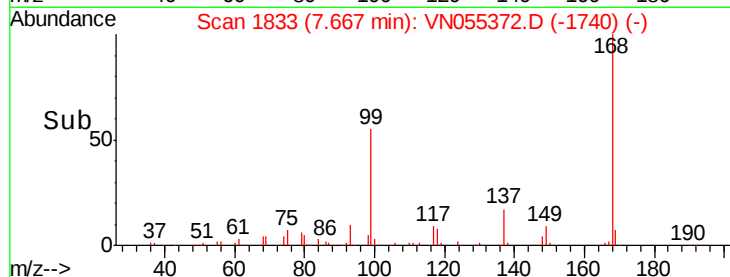
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 50.216 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055372.D

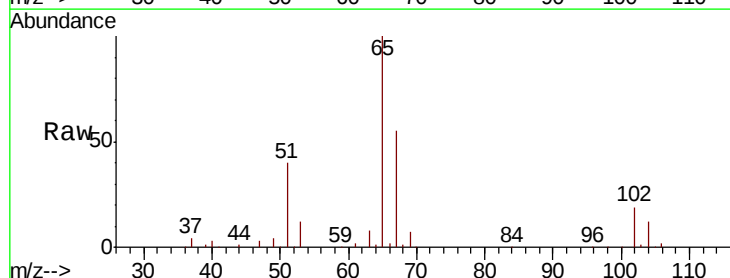
Acq: 3 May 2019 2:22

Tgt Ion: 65 Resp: 295783

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

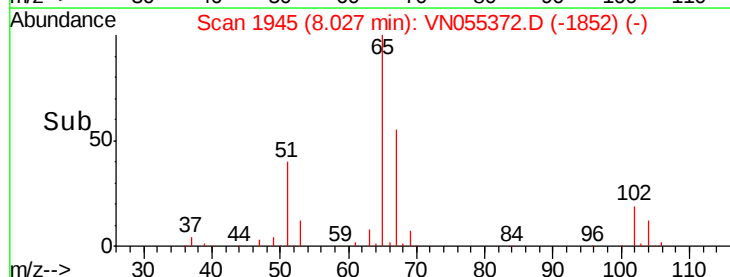
8.03

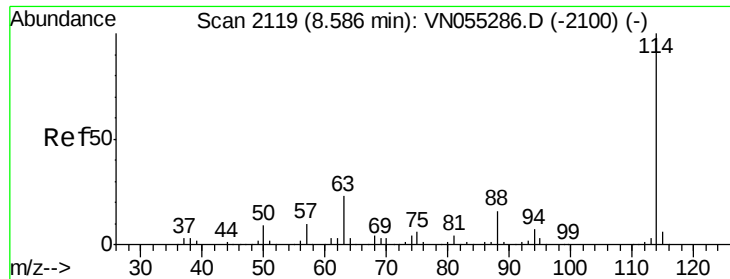
100000

50000

0

Time--> 7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055372.D

Acq: 3 May 2019 2:22

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-FD-01

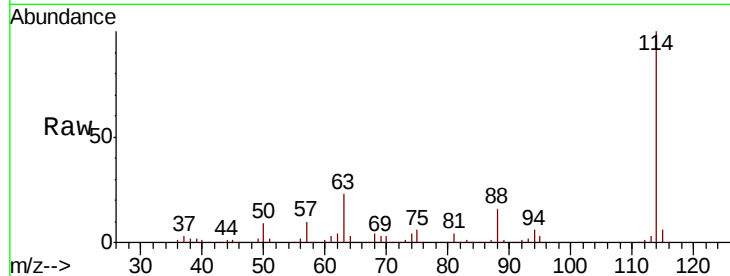
Tgt Ion:114 Resp: 757998

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.2

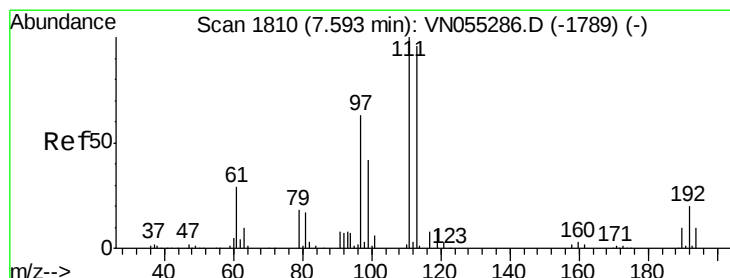
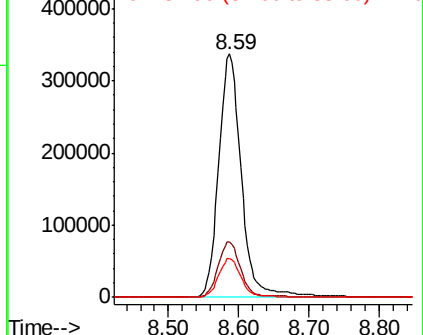
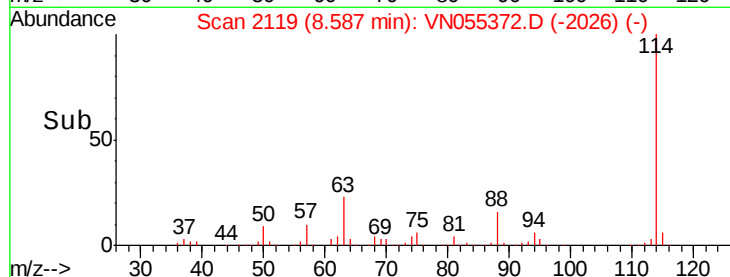
88 16.2 0.0 31.6



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: 47.430 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055372.D

Acq: 3 May 2019 2:22

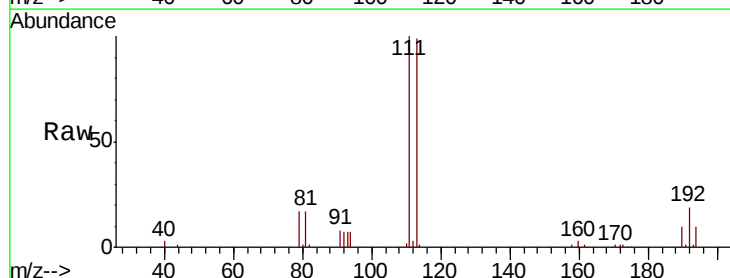
Tgt Ion:113 Resp: 235975

Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

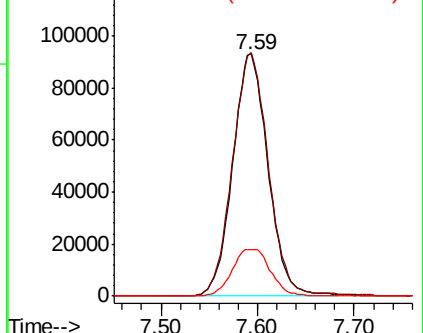
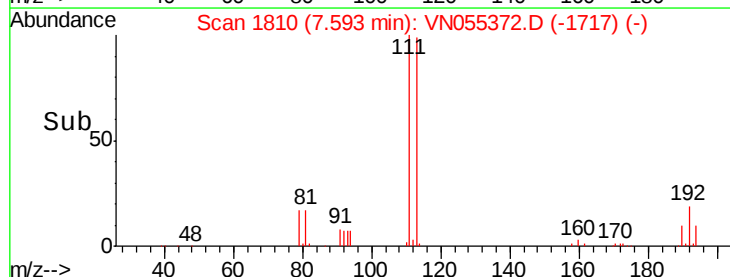
192 20.8 17.0 25.6

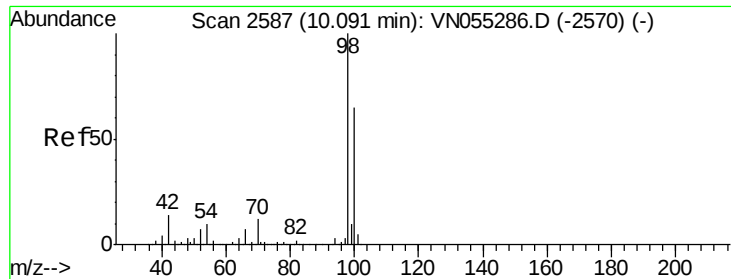


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.438 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055372.D

Acq: 3 May 2019 2:22

Instrument :

MSVOA_N

ClientSampled :

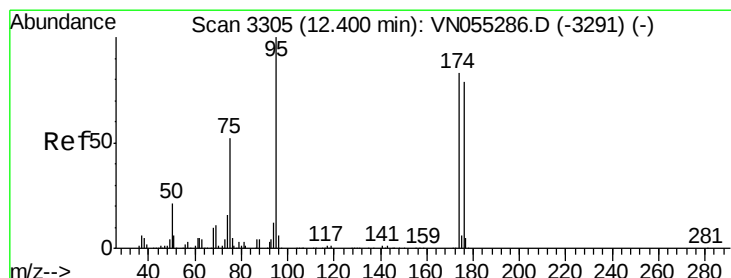
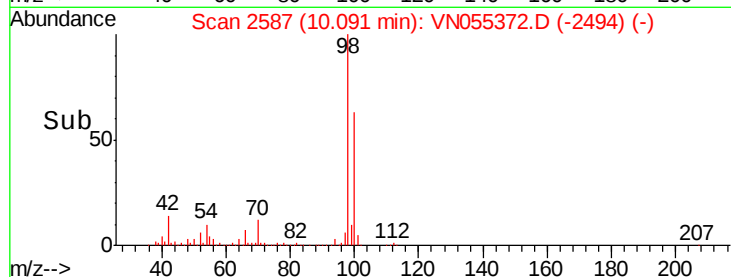
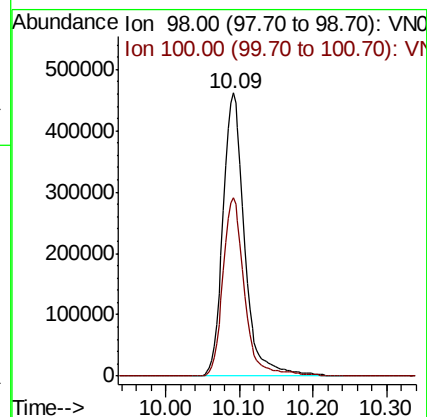
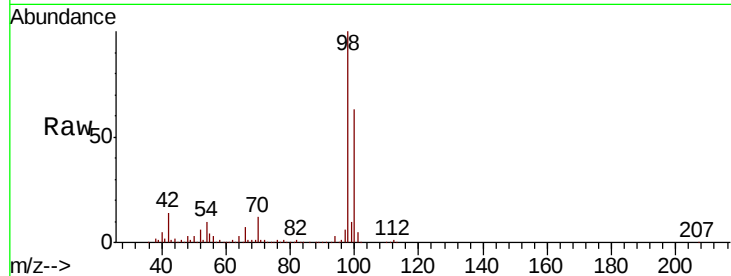
EP1-SB-FD-01

Tgt Ion: 98 Resp: 942057

Ion Ratio Lower Upper

98 100

100 62.8 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 74.201 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN055372.D

Acq: 3 May 2019 2:22

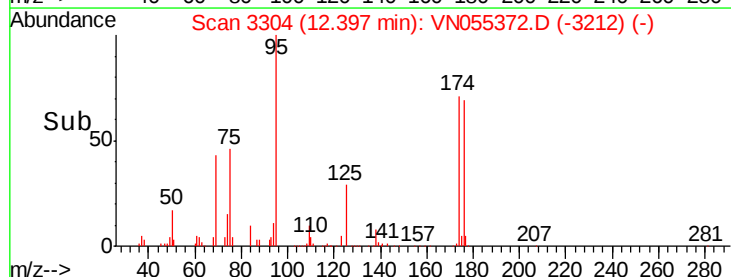
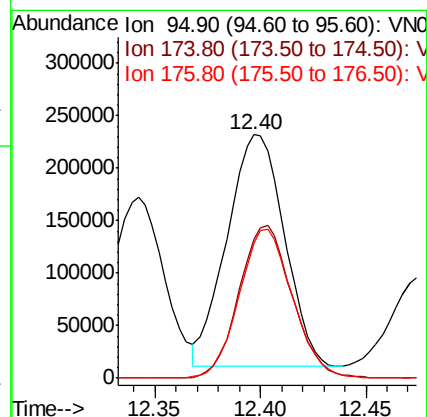
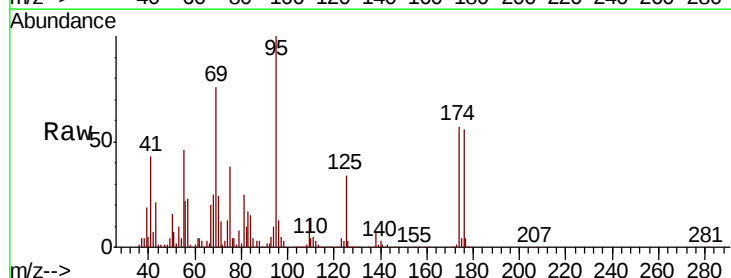
Tgt Ion: 95 Resp: 416619

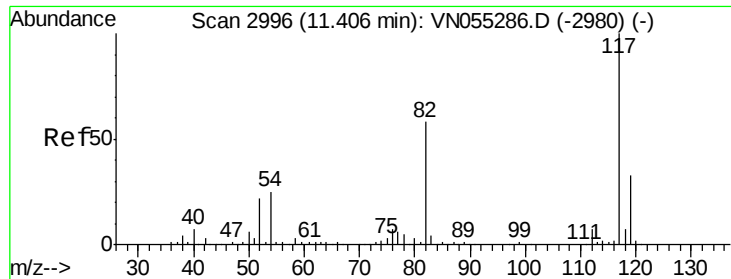
Ion Ratio Lower Upper

95 100

174 61.2 0.0 166.6

176 59.9 0.0 157.8

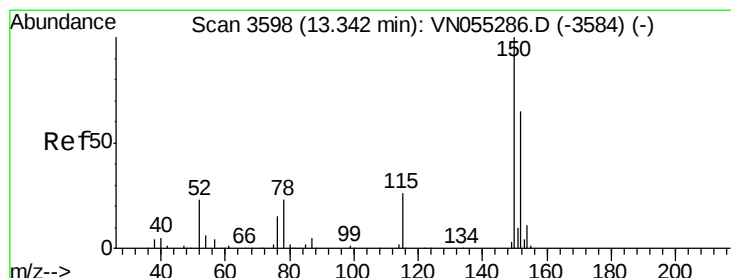
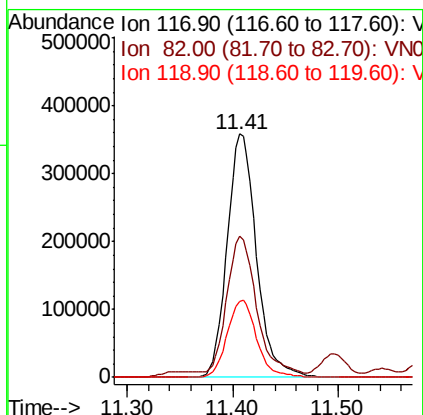
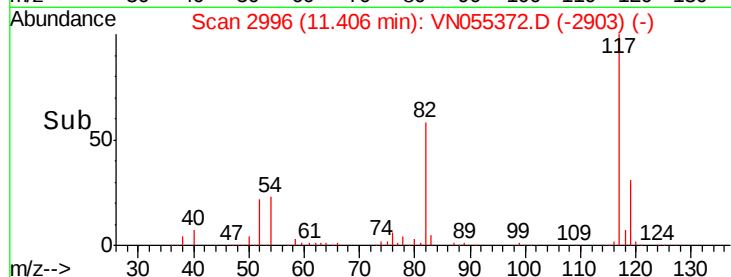
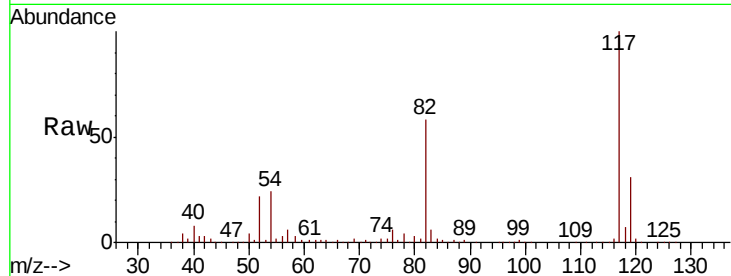




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055372.D
Acq: 3 May 2019 2:22

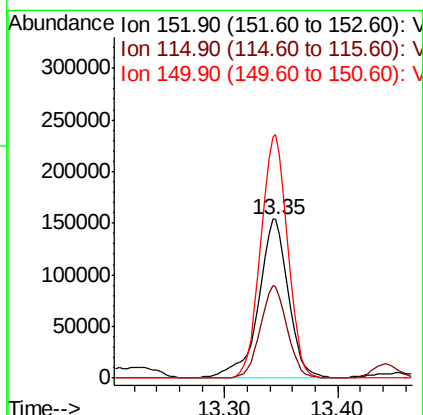
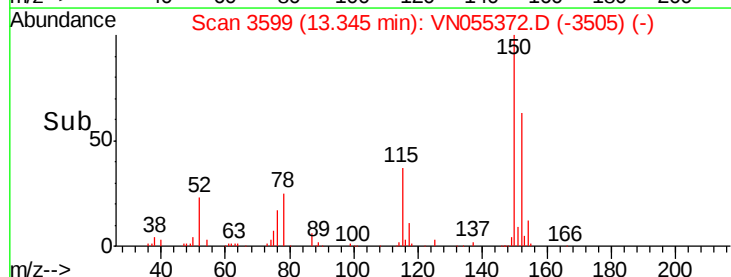
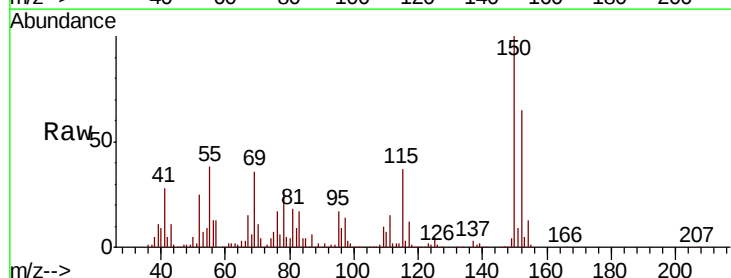
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-FD-01

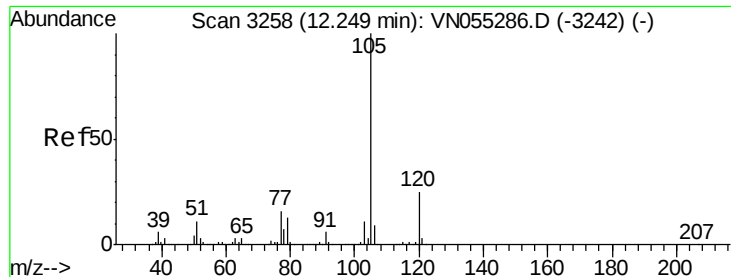
Tgt Ion:117 Resp: 689608
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 31.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055372.D
Acq: 3 May 2019 2:22

Tgt Ion:152 Resp: 278060
Ion Ratio Lower Upper
152 100
115 52.3 29.0 87.0
150 139.3 0.0 345.6





#73

Isopropylbenzene

Concen: 25.402 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055372.D

Acq: 3 May 2019 2:22

Instrument :

MSVOA_N

ClientSampleId :

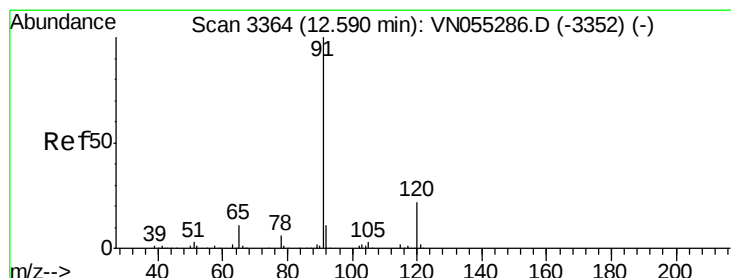
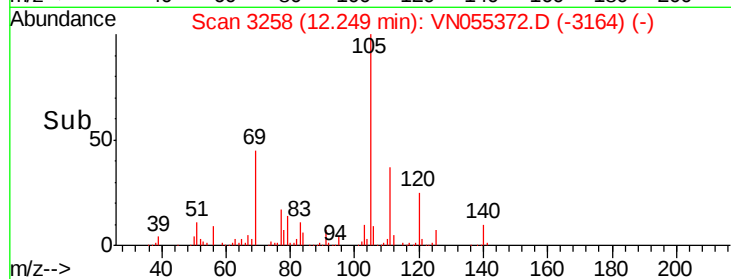
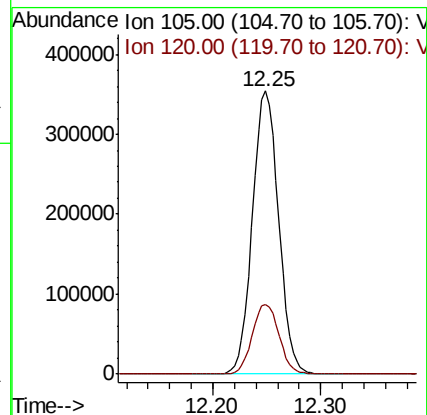
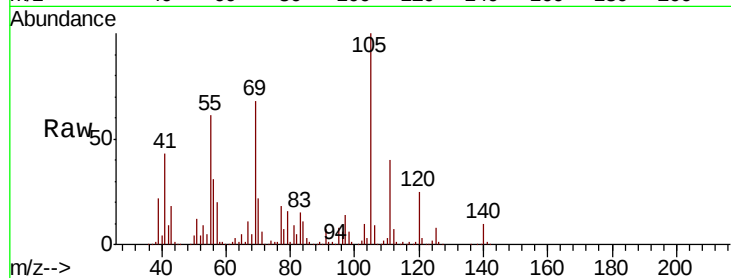
EP1-SB-FD-01

Tgt Ion: 105 Resp: 596437

Ion Ratio Lower Upper

105 100

120 25.2 12.9 38.7



#78

n-propylbenzene

Concen: 59.795 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055372.D

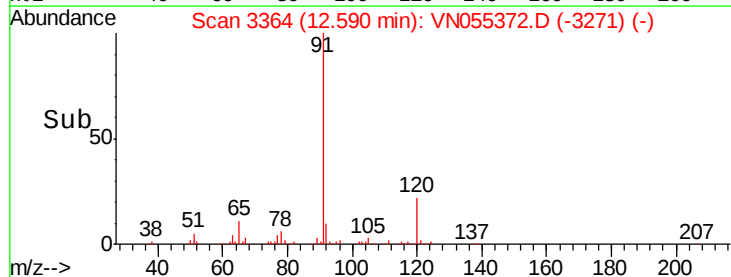
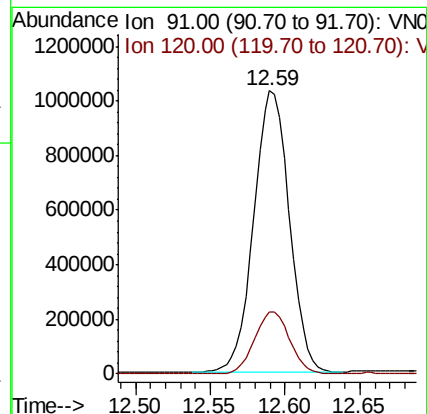
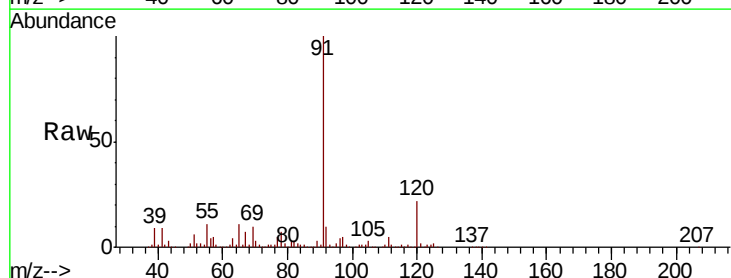
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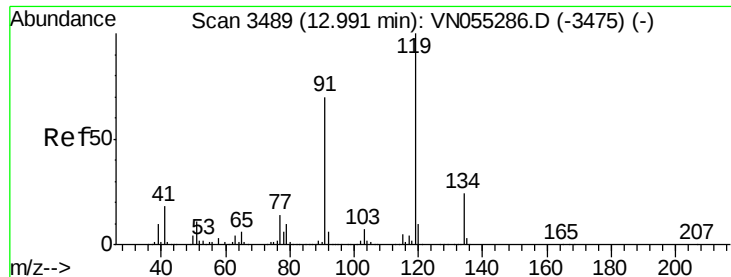
Tgt Ion: 91 Resp: 1707885

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0

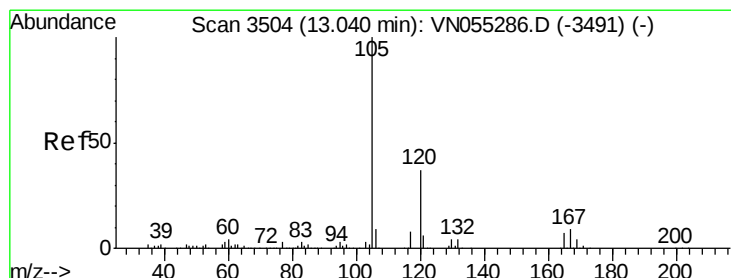
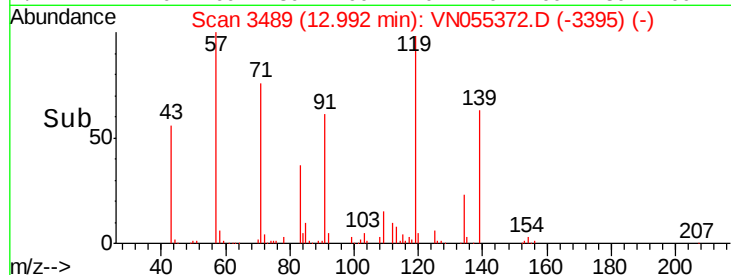
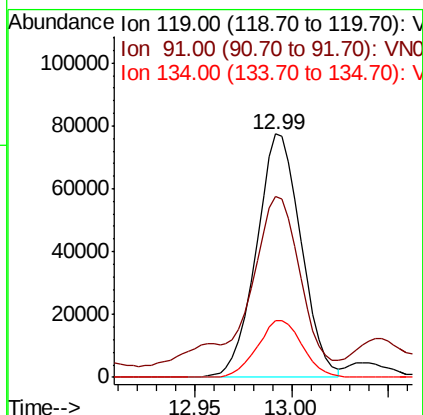
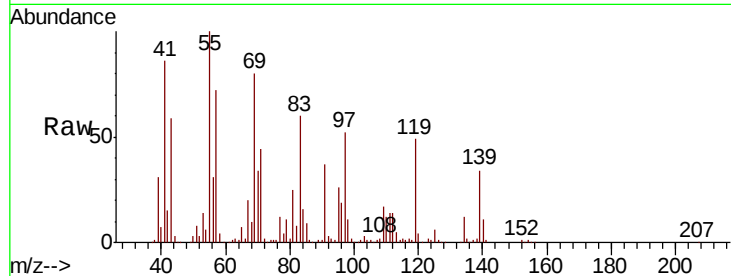




#83
 tert-Butylbenzene
 Concen: 5.441 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055372.D
 Acq: 3 May 2019 2:22

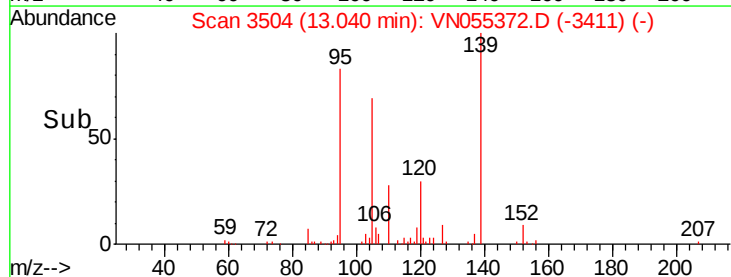
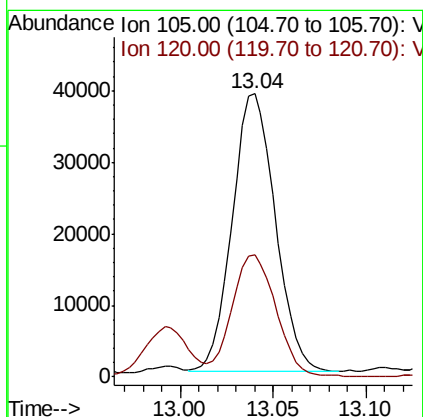
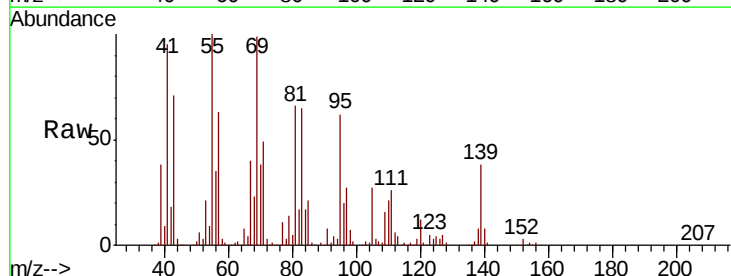
Instrument :
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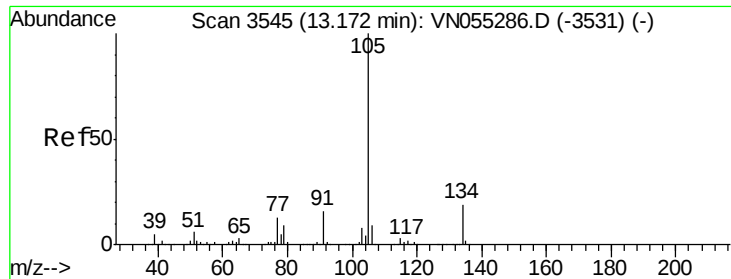
Tgt Ion:119 Resp: 123978
 Ion Ratio Lower Upper
 119 100
 91 79.1 34.3 102.9
 134 23.7 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 3.196 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055372.D
 Acq: 3 May 2019 2:22

Tgt Ion:105 Resp: 62308
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.1 66.5

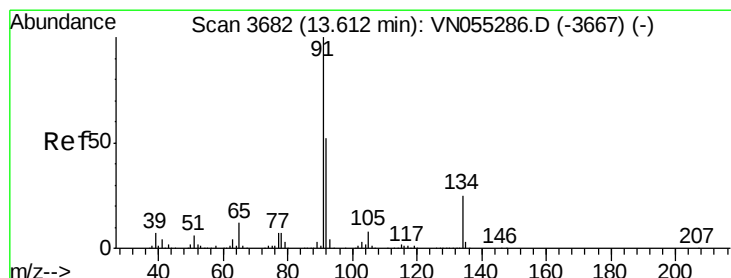
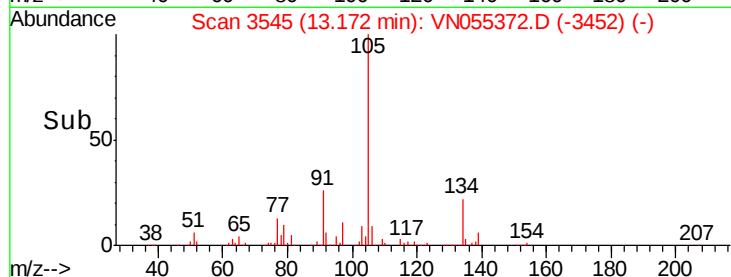
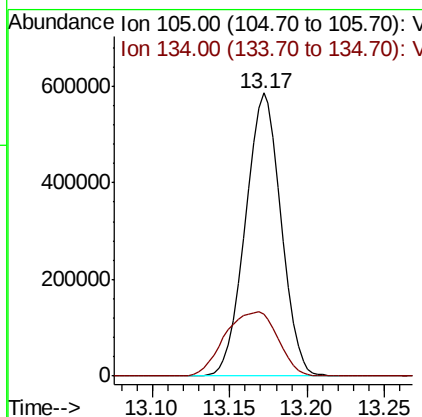
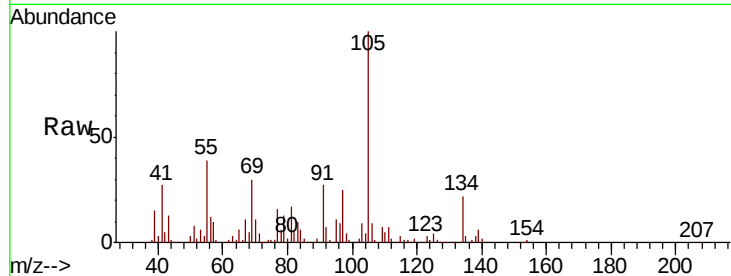




#85
 sec-Butylbenzene
 Concen: 39.476 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055372.D
 Acq: 3 May 2019 2:22

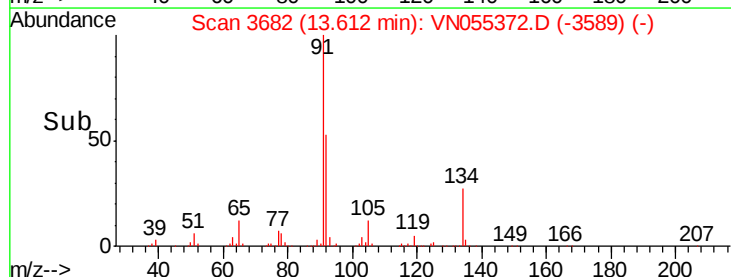
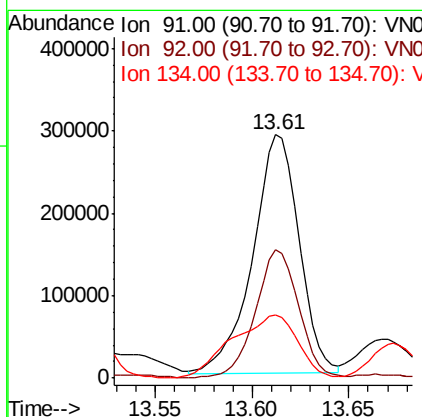
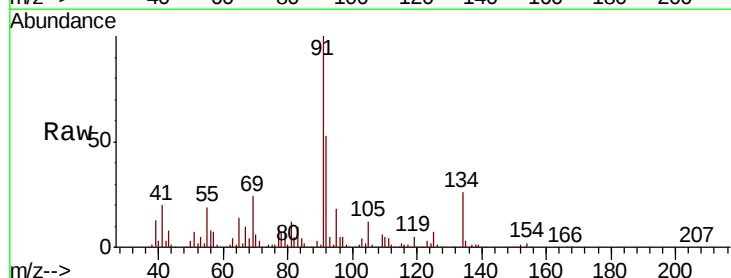
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-FD-01

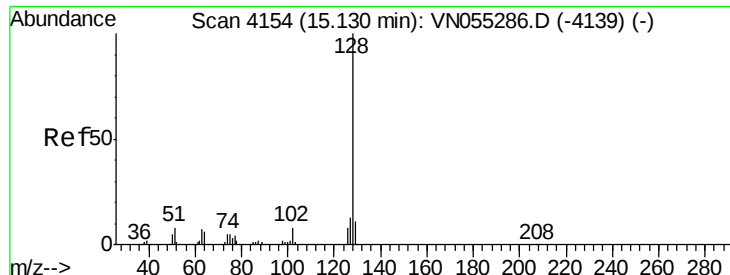
Tgt Ion: 105 Resp: 935324
 Ion Ratio Lower Upper
 105 100
 134 34.1 9.6 28.8#



#89
 n-Butylbenzene
 Concen: 35.039 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN055372.D
 Acq: 3 May 2019 2:22

Tgt Ion: 91 Resp: 484864
 Ion Ratio Lower Upper
 91 100
 92 49.0 26.1 78.3
 134 37.2 12.4 37.4

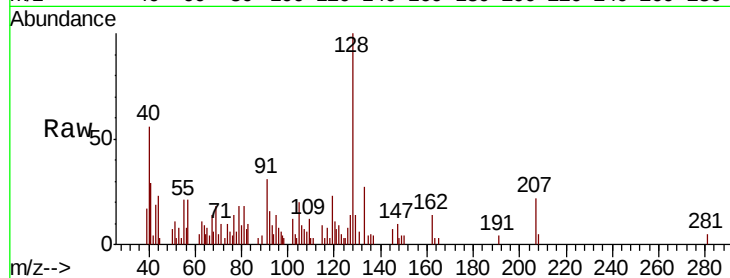




#95
Naphthalene
Concen: 4.536 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055372.D
Acq: 3 May 2019 2:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-FD-01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.7	16.1
129	8.9	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

