

Data File : VN055393.D
Acq On : 3 May 2019 16:37
Operator : JC/SP
Sample : K2658-09DL 200X
Misc : 5.65g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)DL

Quant Time: May 04 01:04:27 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	465033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	817591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	761536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	284255	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	318935	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	7.59	113	253862	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
50) Toluene-d8	10.09	98	1006872	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	352453	58.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.40%	

Target Compounds

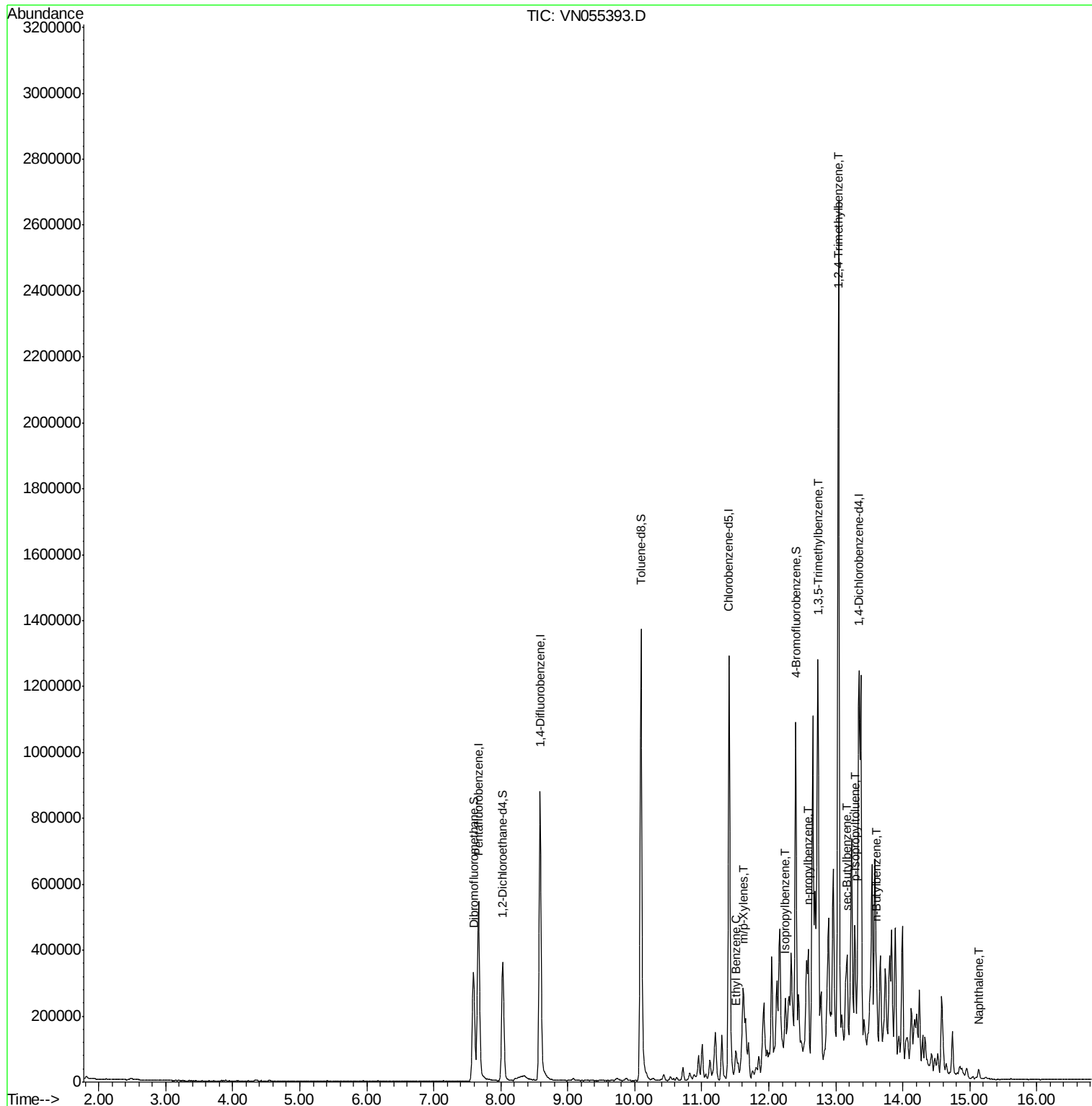
						Qvalue
67) Ethyl Benzene	11.51	91	57590	2.142	ug/l	97
68) m/p-Xylenes	11.62	106	82360	8.582	ug/l	100
73) Isopropylbenzene	12.25	105	102625	1.468	ug/l	100
78) n-propylbenzene	12.59	91	271919	9.313	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	474768	21.305	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1418751	71.186	ug/l	100
85) sec-Butylbenzene	13.17	105	144580	5.969	ug/l #	78
86) p-Isopropyltoluene	13.29	119	121383	6.097	ug/l	99
89) n-Butylbenzene	13.61	91	104991	7.422	ug/l #	80
95) Naphthalene	15.13	128	25350	6.323	ug/l	97

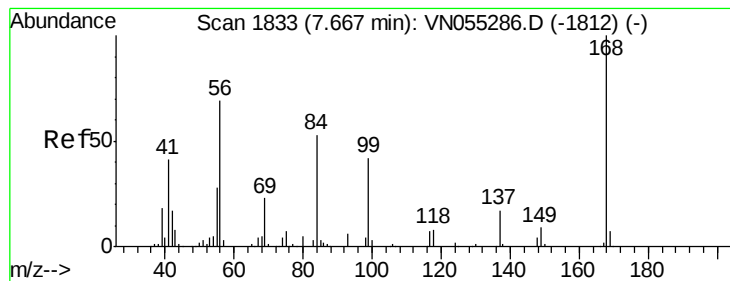
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055393.D

Acq: 3 May 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

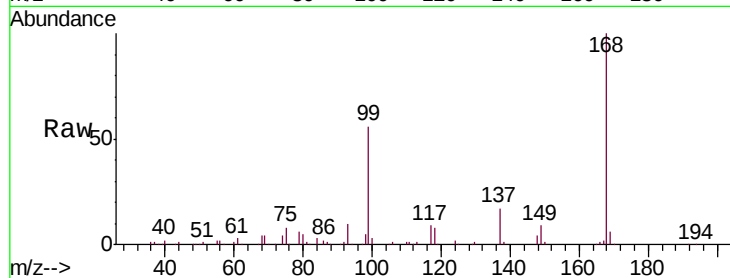
EP1-SB-E2-3(14-17)DL

Tgt Ion:168 Resp: 465033

Ion Ratio Lower Upper

168 100

99 55.7 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

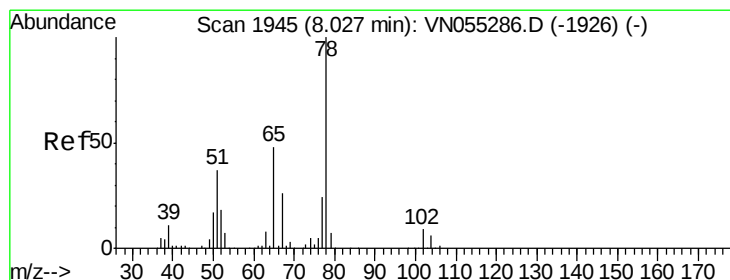
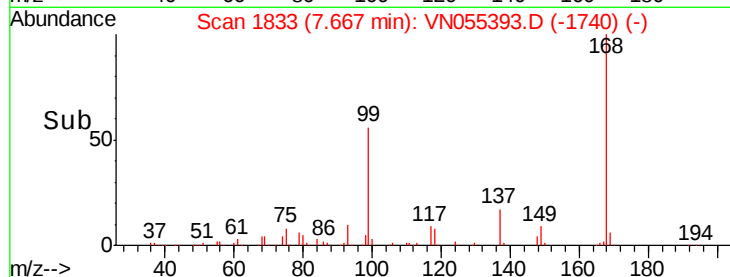
50000

0

7.60

7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.425 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055393.D

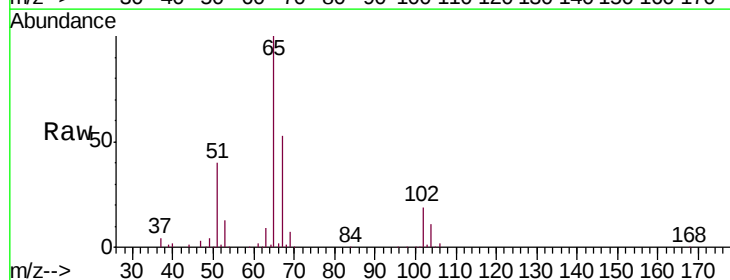
Acq: 3 May 2019 16:37

Tgt Ion: 65 Resp: 318935

Ion Ratio Lower Upper

65 100

67 53.6 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

150000

100000

50000

0

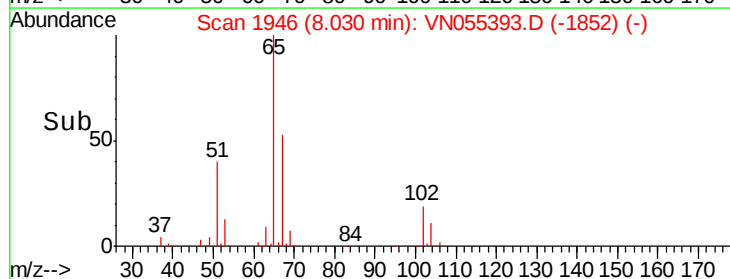
7.90

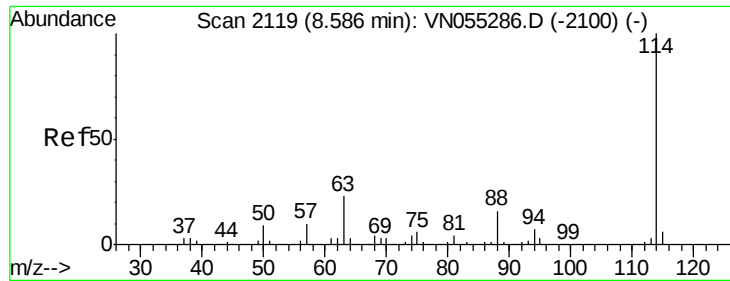
8.00

8.10

8.20

Time-->

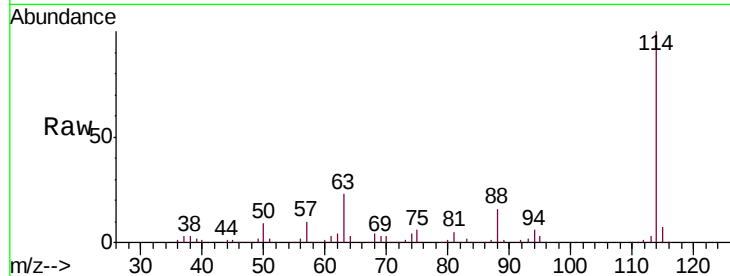




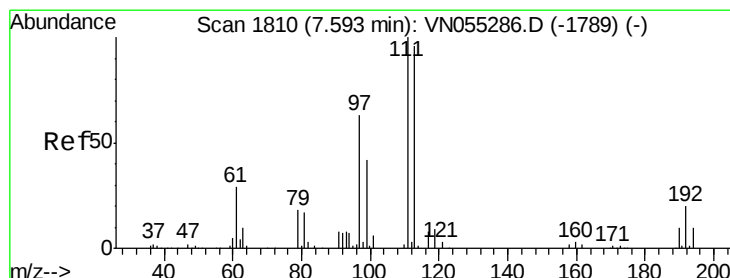
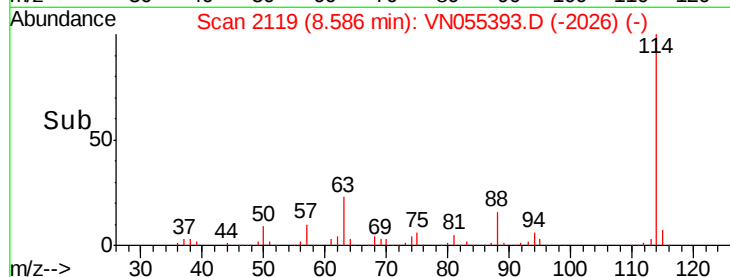
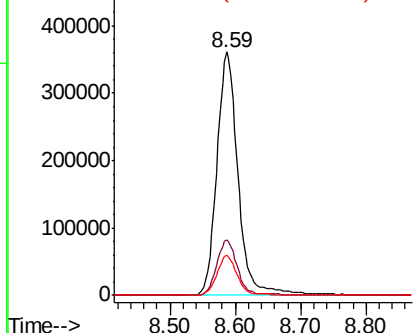
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)DL

Tgt Ion:114 Resp: 817591
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.2
 88 16.5 0.0 31.6

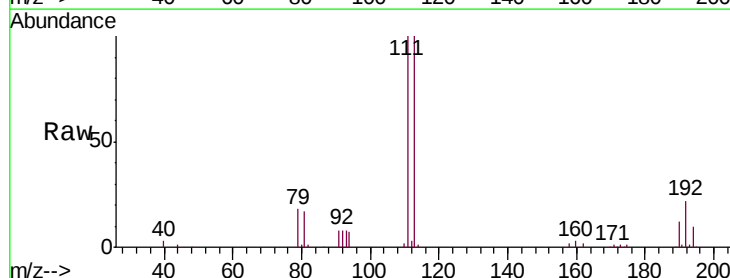


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

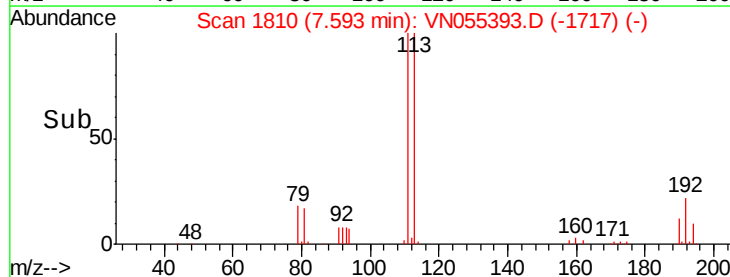
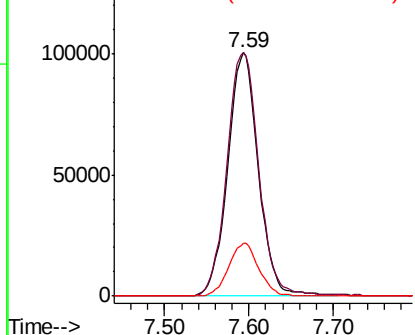


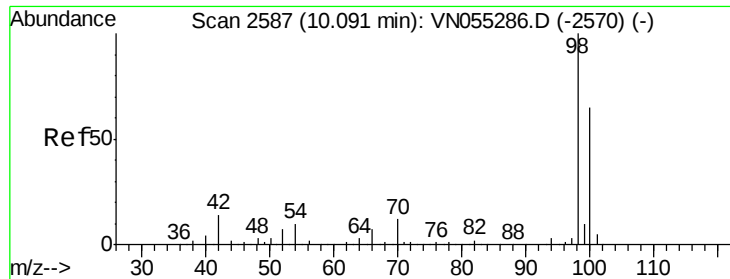
#35
 Dibromofluoromethane
 Concen: 47.306 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

Tgt Ion:113 Resp: 253862
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.3 123.5
 192 21.5 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: 51.961 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

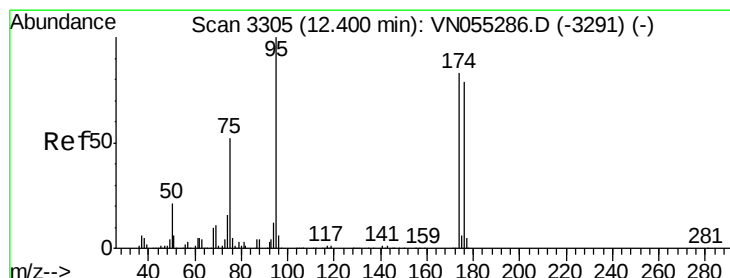
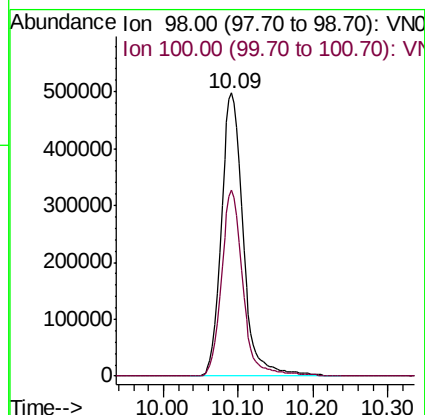
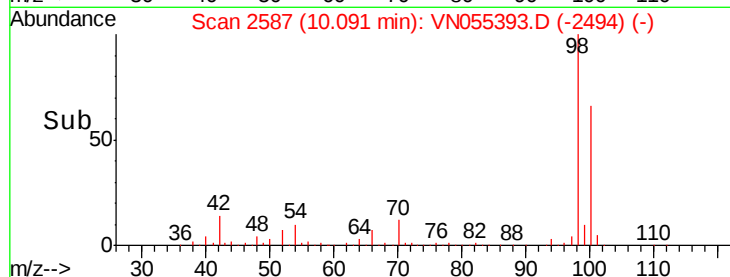
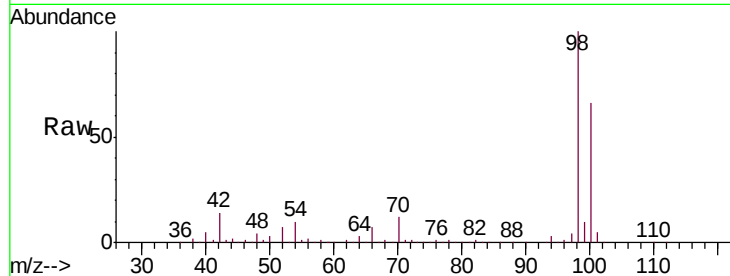
EP1-SB-E2-3(14-17)DL

Tgt Ion: 98 Resp: 1006872

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 58.198 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

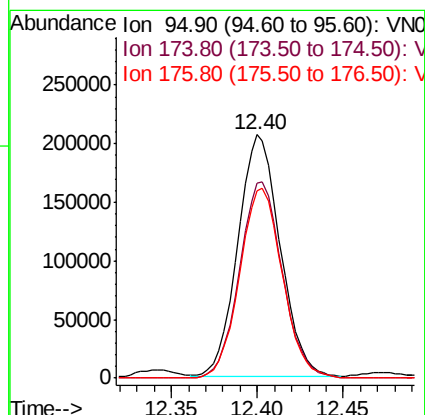
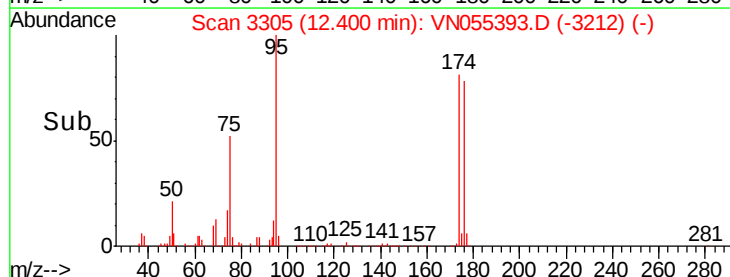
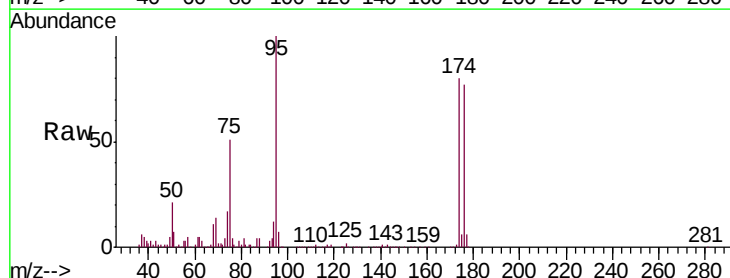
Tgt Ion: 95 Resp: 352453

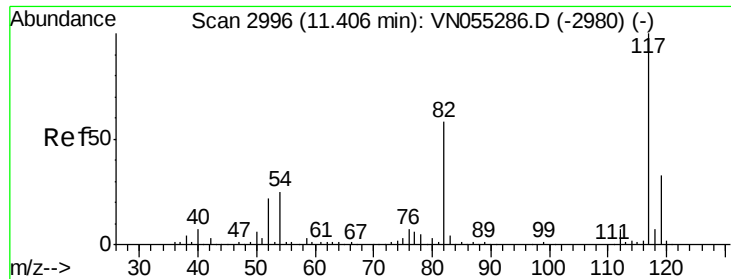
Ion Ratio Lower Upper

95 100

174 82.4 0.0 166.6

176 79.5 0.0 157.8

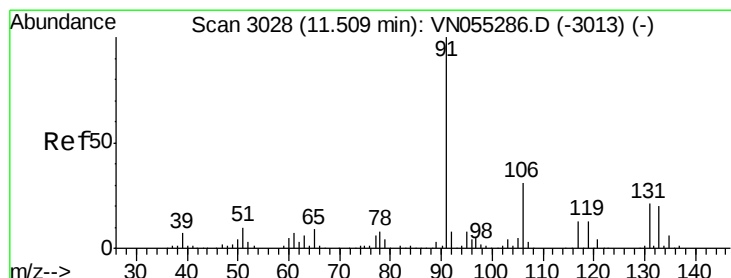
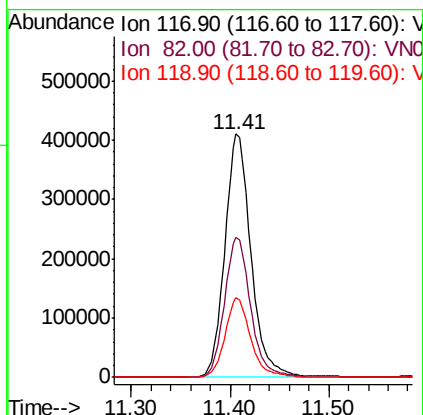
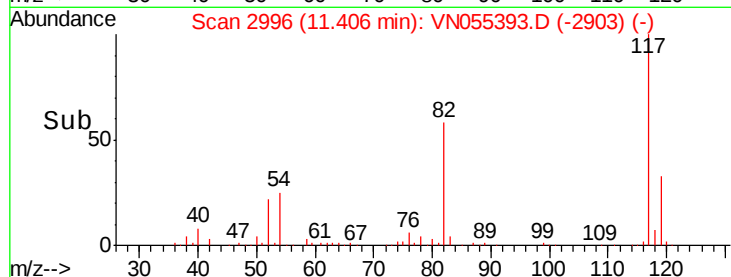
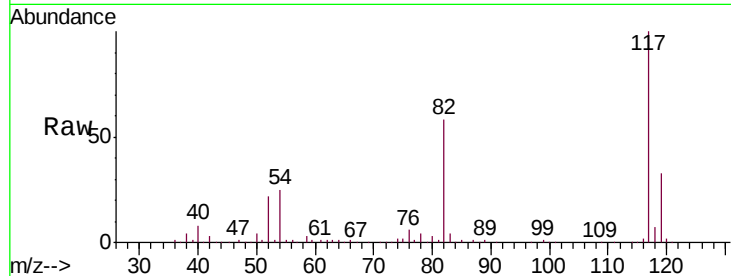




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055393.D
Acq: 3 May 2019 16:37

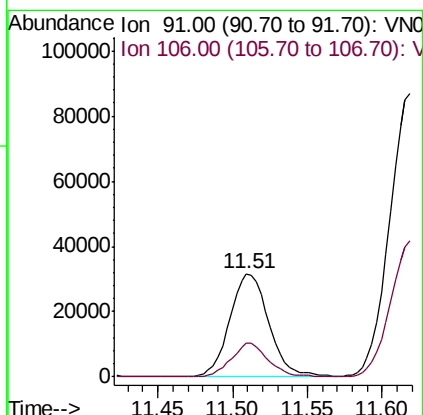
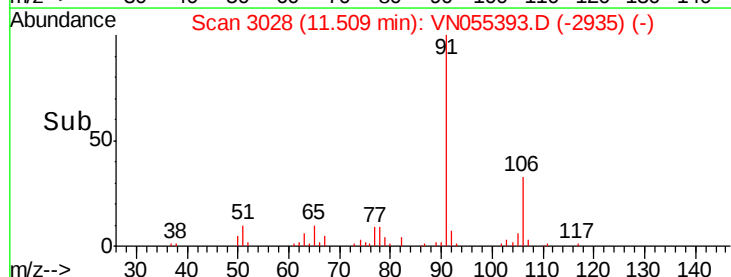
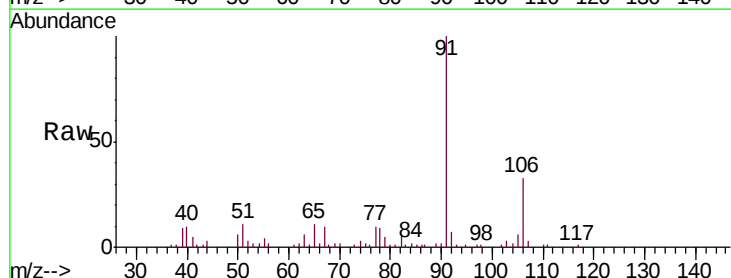
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)DL

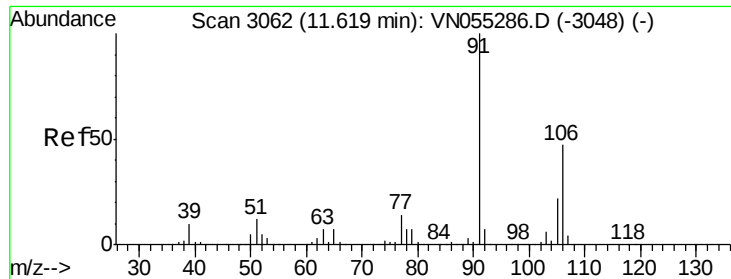
Tgt Ion: 117 Resp: 761536
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.6 26.6 40.0



#67
Ethyl Benzene
Concen: 2.142 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055393.D
Acq: 3 May 2019 16:37

Tgt Ion: 91 Resp: 57590
Ion Ratio Lower Upper
91 100
106 32.5 24.6 36.8

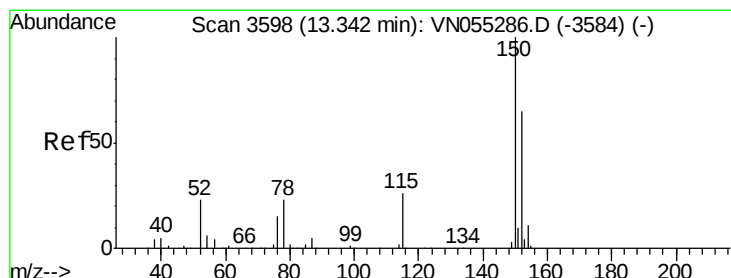
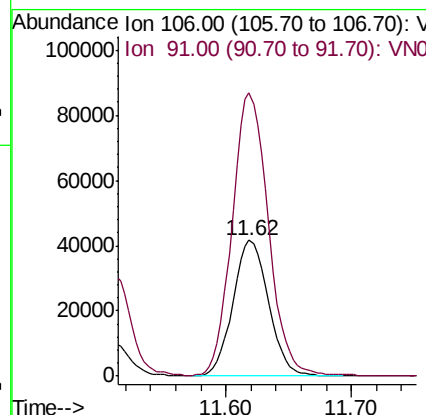
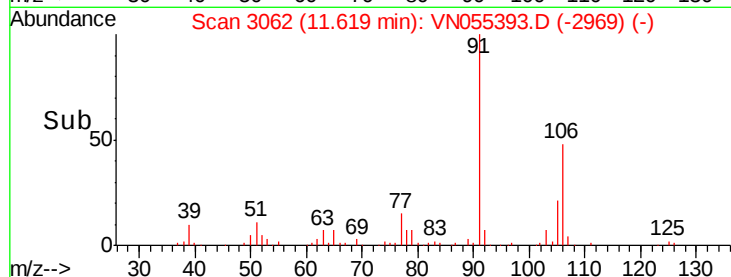
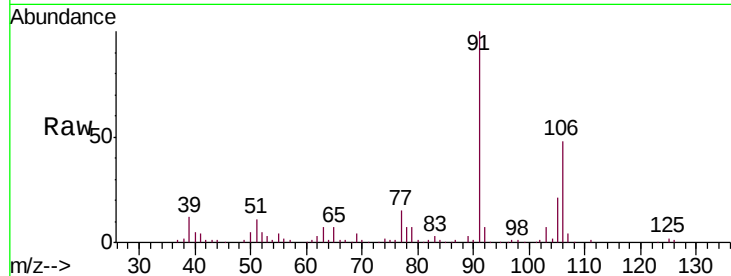




#68
m/p-Xylenes
Concen: 8.582 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055393.D
Acq: 3 May 2019 16:37

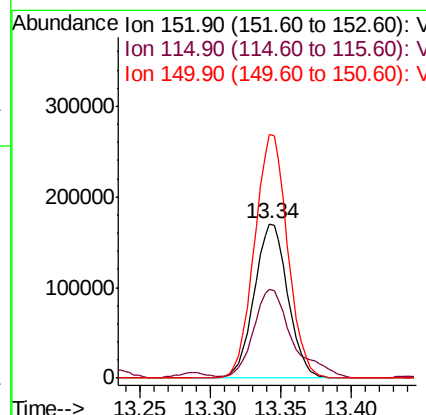
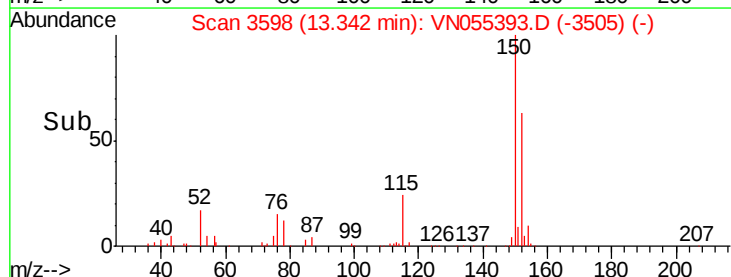
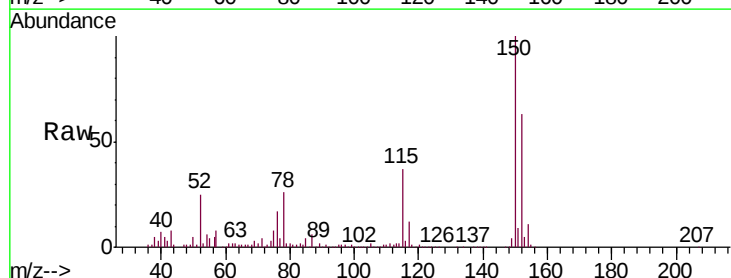
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)DL

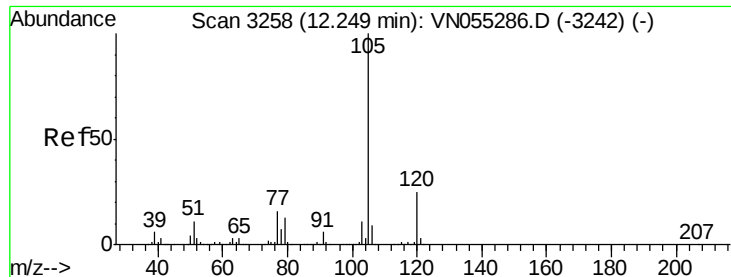
Tgt Ion:106 Resp: 82360
Ion Ratio Lower Upper
106 100
91 212.7 169.5 254.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055393.D
Acq: 3 May 2019 16:37

Tgt Ion:152 Resp: 284255
Ion Ratio Lower Upper
152 100
115 66.3 29.0 87.0
150 155.8 0.0 345.6





#73

Isopropylbenzene

Concen: 1.468 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

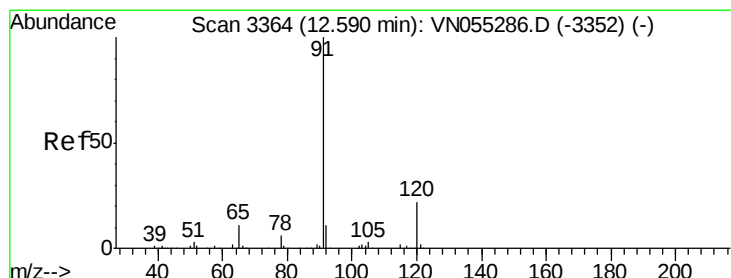
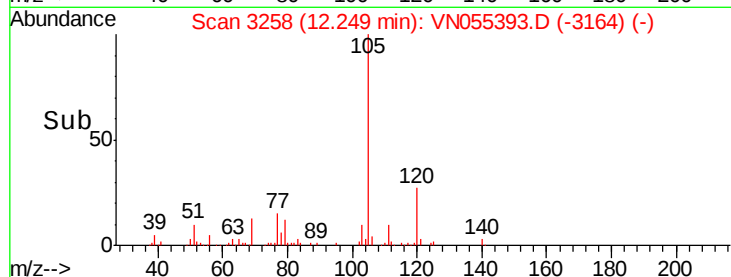
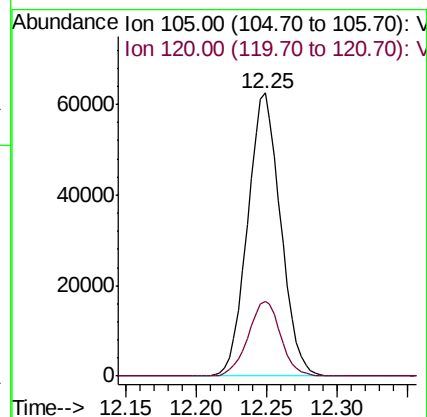
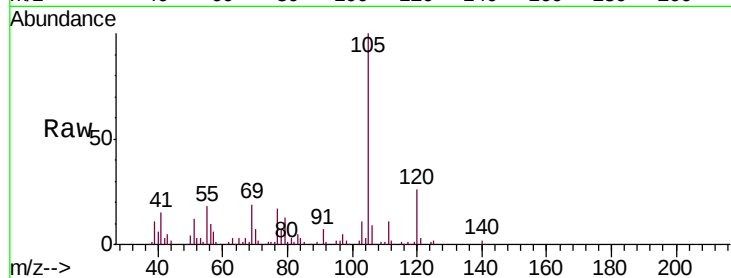
EP1-SB-E2-3(14-17)DL

Tgt Ion: 105 Resp: 102625

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.7



#78

n-propylbenzene

Concen: 9.313 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055393.D

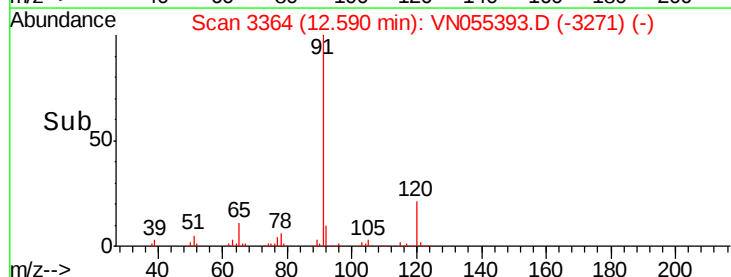
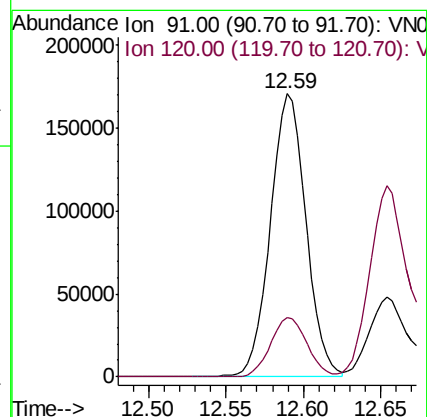
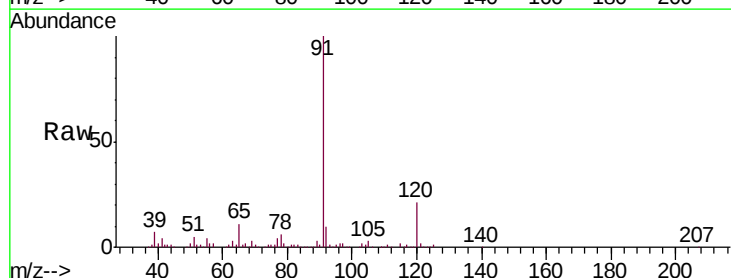
Acq: 3 May 2019 16:37

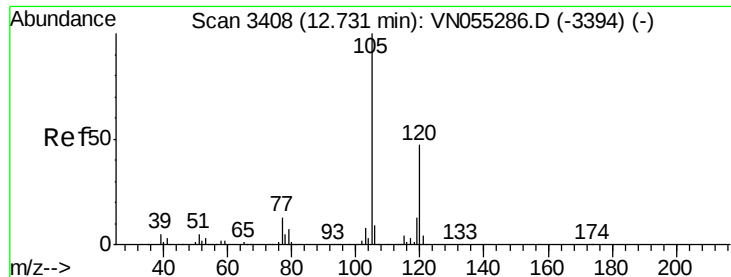
Tgt Ion: 91 Resp: 271919

Ion Ratio Lower Upper

91 100

120 21.6 11.0 33.0

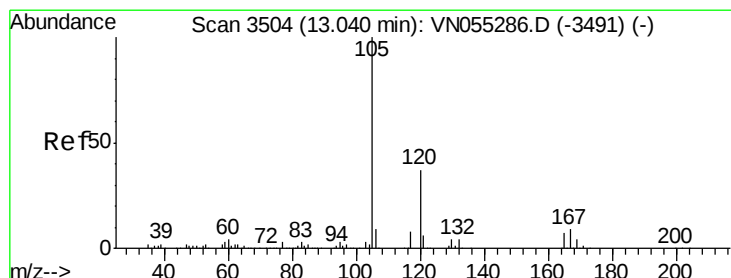
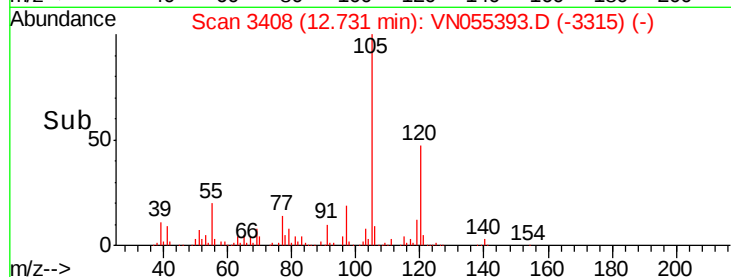
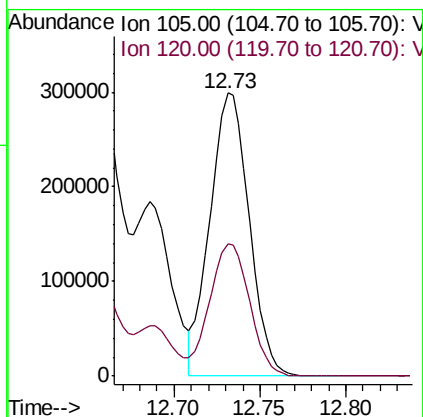
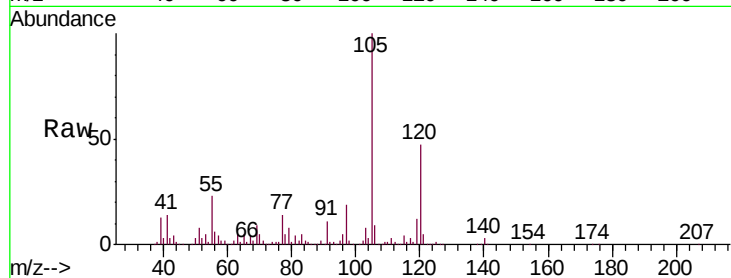




#80
 1,3,5-Trimethylbenzene
 Concen: 21.305 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

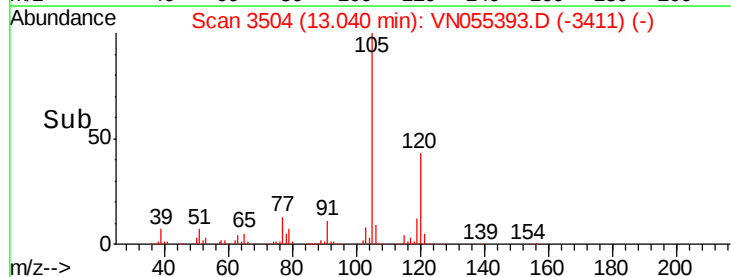
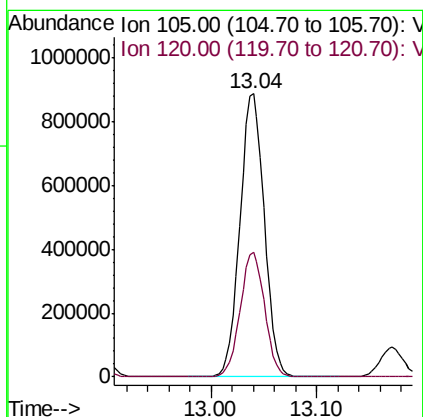
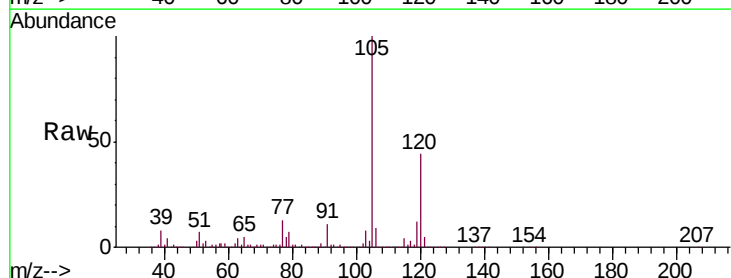
Instrument :
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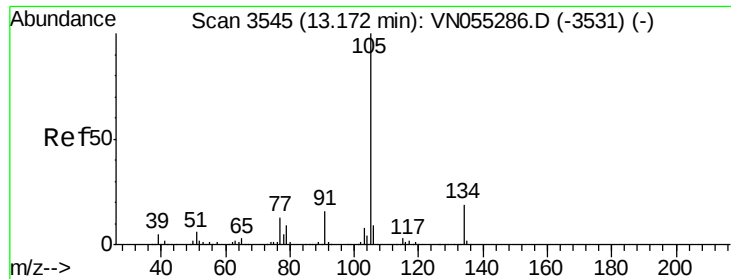
Tgt Ion:105 Resp: 474768
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.4 70.0



#84
 1,2,4-Trimethylbenzene
 Concen: 71.186 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

Tgt Ion:105 Resp: 1418751
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5

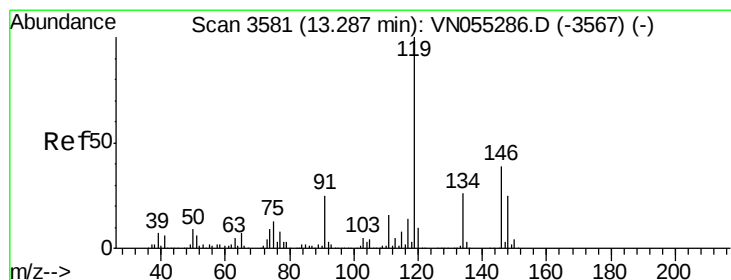
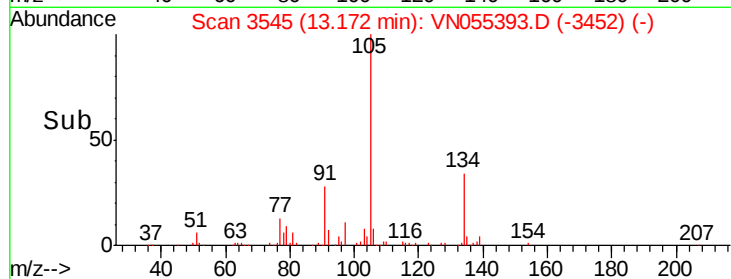
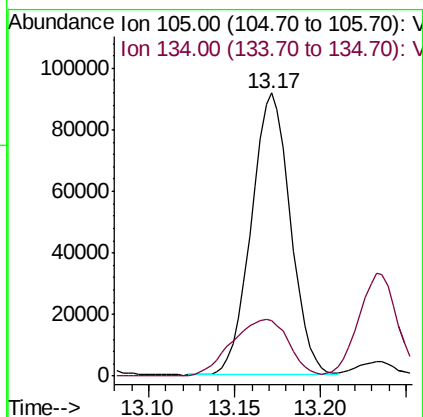
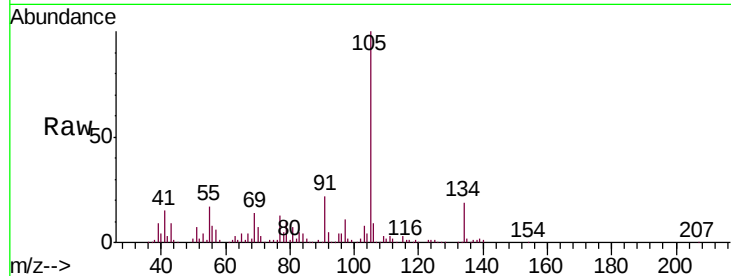




#85
 sec-Butylbenzene
 Concen: 5.969 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

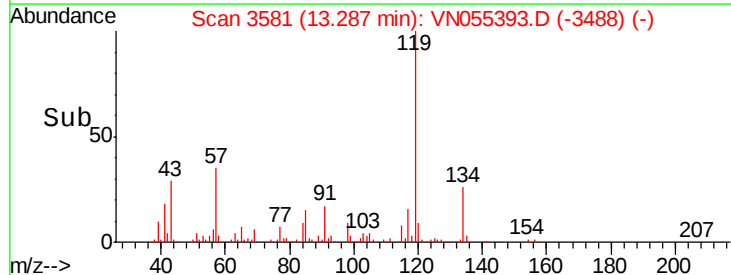
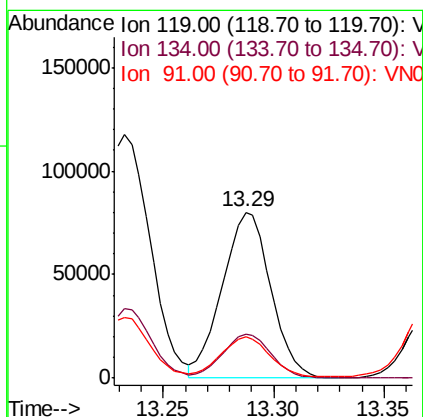
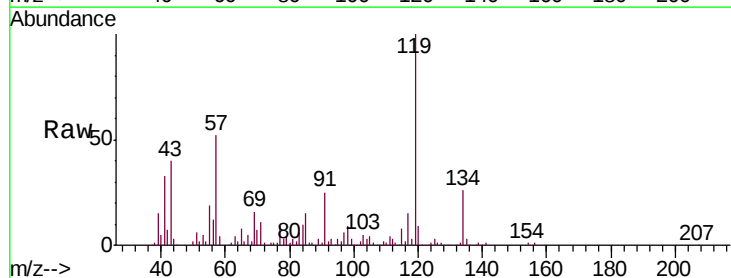
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)DL

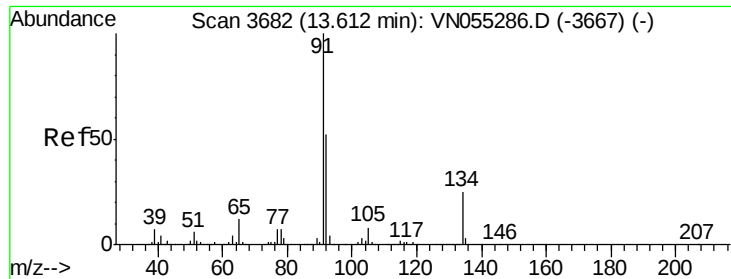
Tgt Ion:105 Resp: 144580
 Ion Ratio Lower Upper
 105 100
 134 29.2 9.6 28.8#



#86
 p-Isopropyltoluene
 Concen: 6.097 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

Tgt Ion:119 Resp: 121383
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.0 38.9
 91 24.2 12.2 36.6

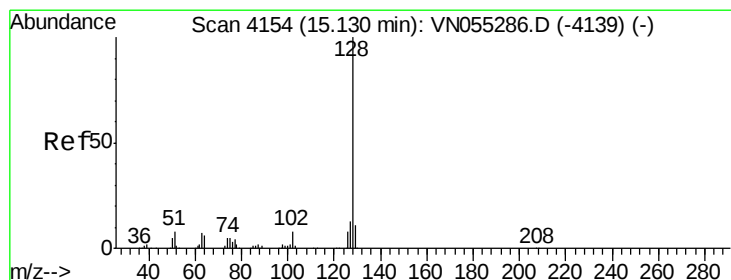
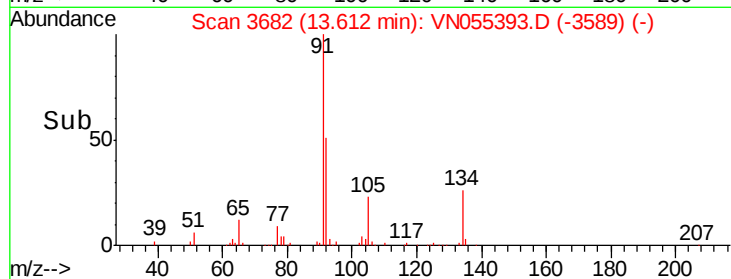
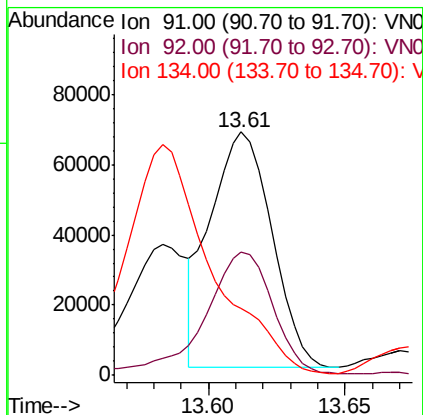
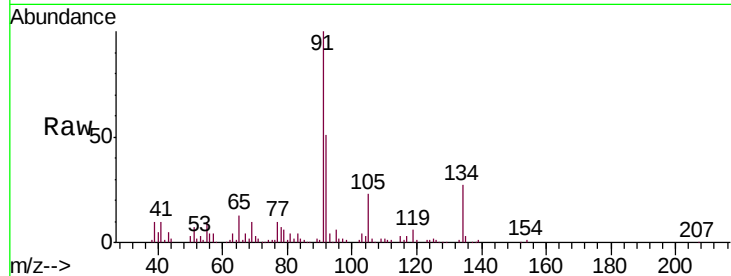




#89
n-Butylbenzene
Concen: 7.422 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055393.D
Acq: 3 May 2019 16:37

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)DL

Tgt Ion: 91 Resp: 104991
Ion Ratio Lower Upper
91 100
92 56.7 26.1 78.3
134 0.0 12.4 37.4#



#95
Naphthalene
Concen: 6.323 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055393.D
Acq: 3 May 2019 16:37

Tgt Ion: 128 Resp: 25350
Ion Ratio Lower Upper
128 100
127 12.0 10.7 16.1
129 11.4 8.6 13.0

