

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052981.D
 Acq On : 19 Dec 2018 1:05
 Operator : MD\SY
 Sample : J6411-19DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FD-1218DL

Quant Time: Dec 19 12:26:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1320523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2009362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1840352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	835863	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	642915	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
35) Dibromofluoromethane	7.59	113	509581	55.52	ug/l	0.00
Spiked Amount			Recovery	=	111.04%	
50) Toluene-d8	10.09	98	2469826	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.40	95	868539	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	

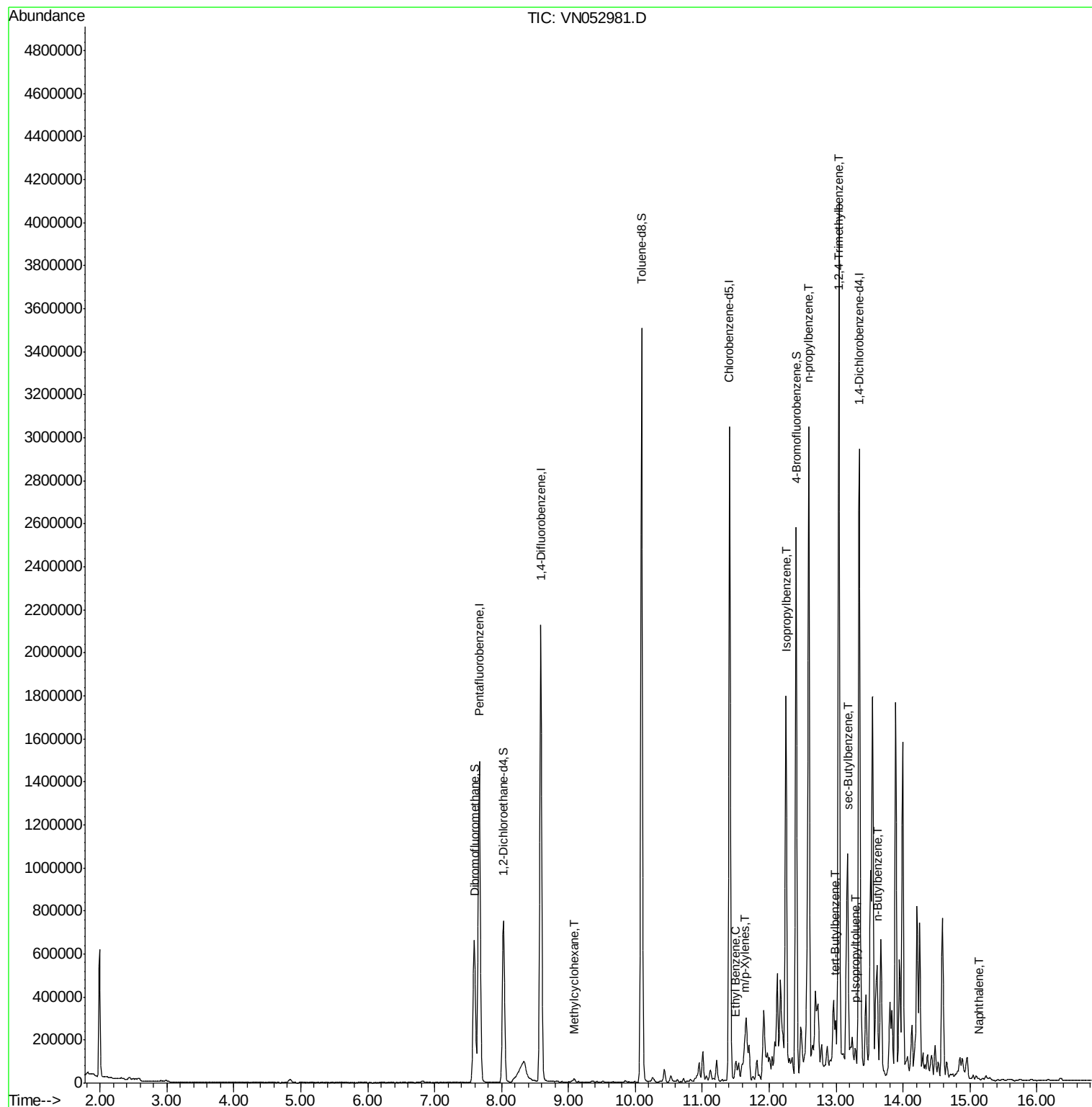
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	7495	0.320	ug/l	99
67) Ethyl Benzene	11.51	91	29903	0.426	ug/l	97
68) m/p-Xylenes	11.63	106	39343	1.475	ug/l	95
73) Isopropylbenzene	12.25	105	1176378	17.988	ug/l	100
78) n-propylbenzene	12.59	91	2466017	33.108	ug/l	100
83) tert-Butylbenzene	12.99	119	113551	2.409	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2325370	43.394	ug/l	100
85) sec-Butylbenzene	13.17	105	642462	10.075	ug/l #	74
86) p-Isopropyltoluene	13.29	119	56747	1.030	ug/l	99
89) n-Butylbenzene	13.62	91	297373	6.273	ug/l #	84
95) Naphthalene	15.13	128	6812	1.349	ug/l #	86

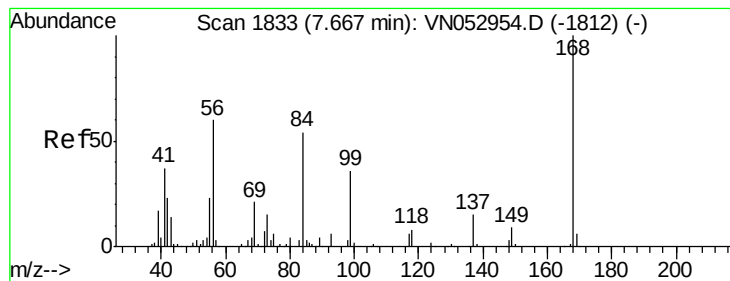
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
Data File : VN052981.D
Acq On : 19 Dec 2018 1:05
Operator : MD\SY
Sample : J6411-19DL 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 34 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FD-1218DL

Quant Time: Dec 19 12:26:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
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: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

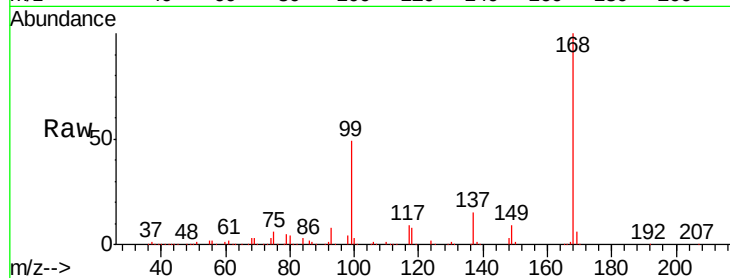
EP1-MW-FD-1218DL

Tgt Ion:168 Resp: 1320523

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052981.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052981.D (-1740) (-)

7.67

600000

500000

400000

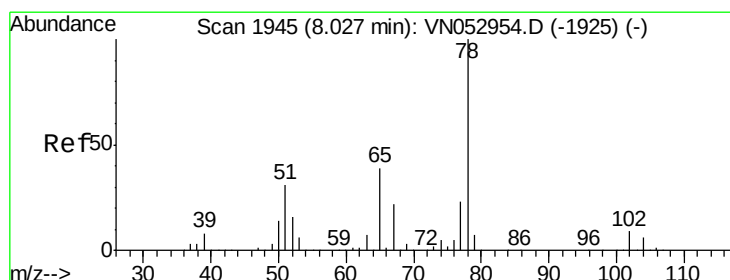
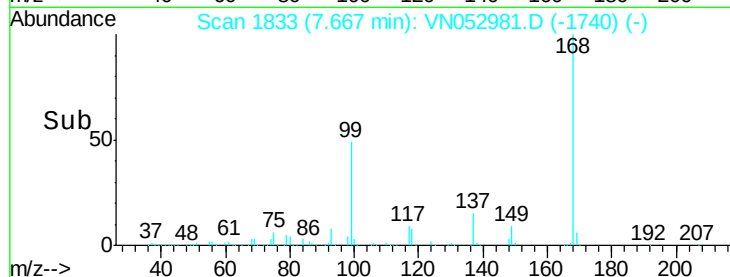
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052981.D

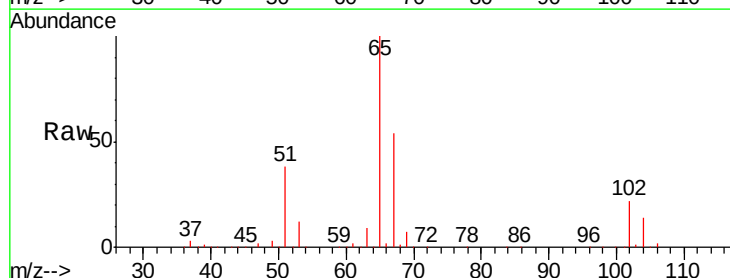
Acq: 19 Dec 2018 1:05

Tgt Ion: 65 Resp: 642915

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052981.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052981.D (-1852) (-)

8.03

300000

250000

200000

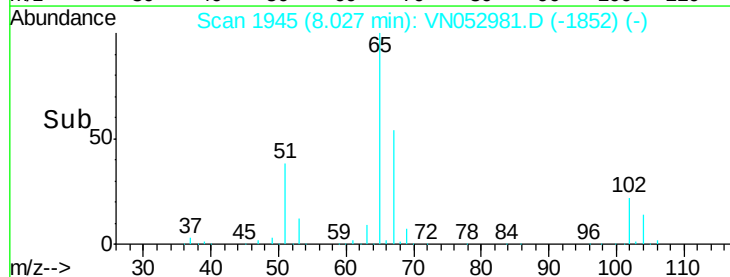
150000

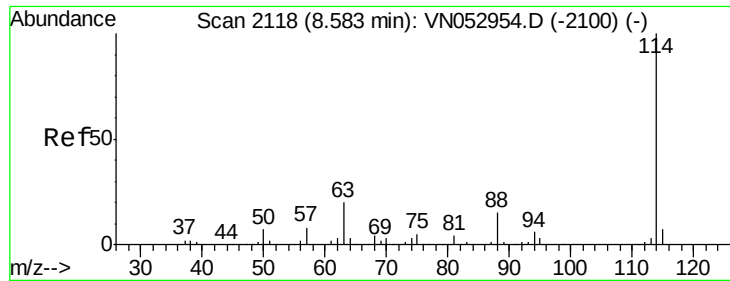
100000

50000

0

Time-->

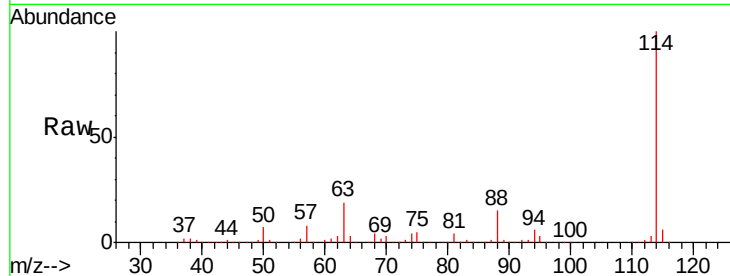




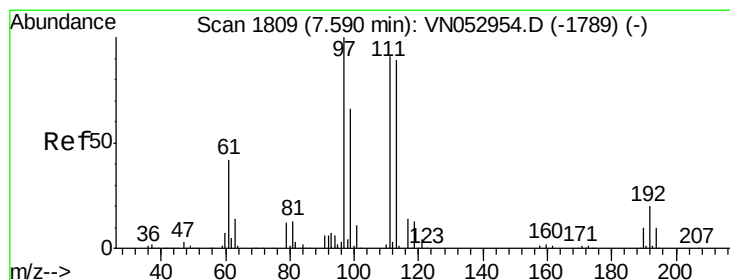
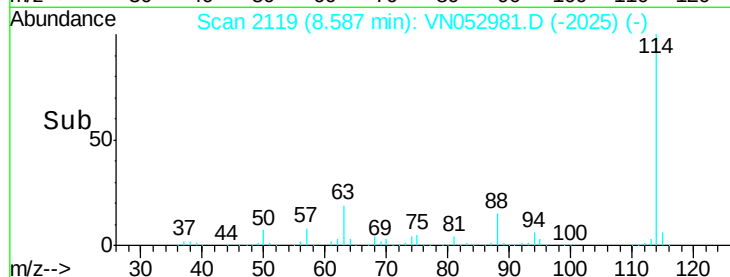
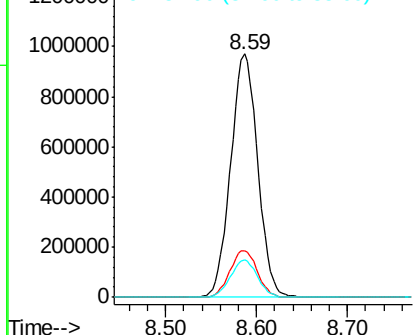
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052981.D
 Acq: 19 Dec 2018 1:05

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FD-1218DL

Tgt Ion:114 Resp: 2009362
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.3 0.0 31.0

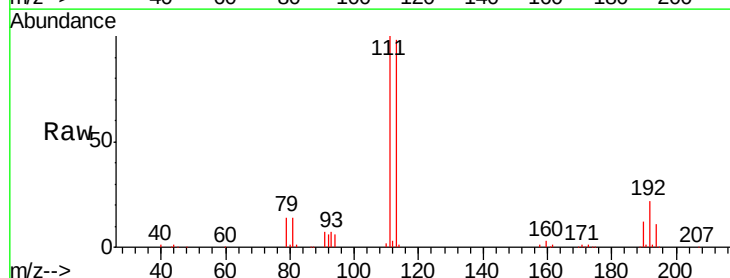


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN0
 Ion 87.90 (87.60 to 88.60): VN0

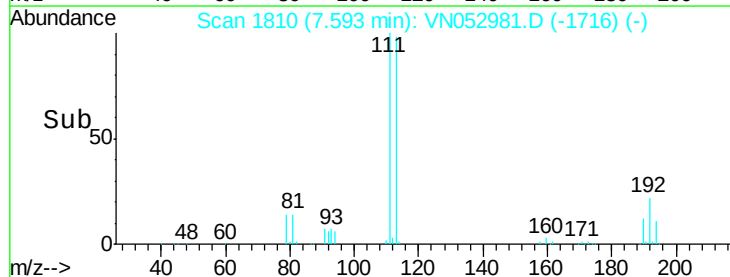
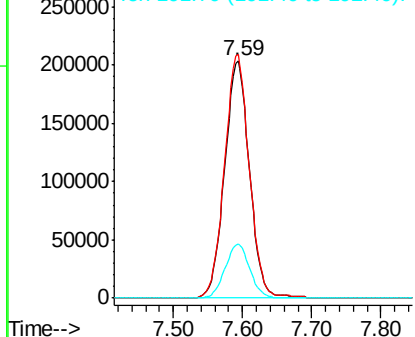


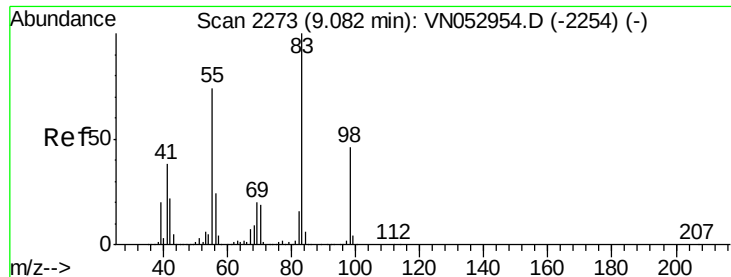
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052981.D
 Acq: 19 Dec 2018 1:05

Tgt Ion:113 Resp: 509581
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.0 124.4
 192 22.6 17.5 26.3



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

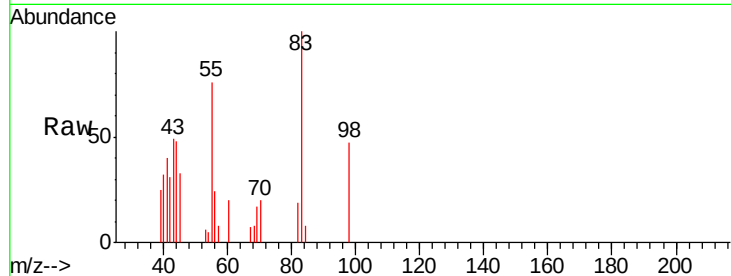




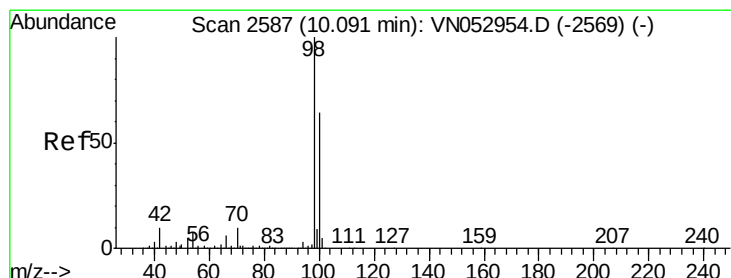
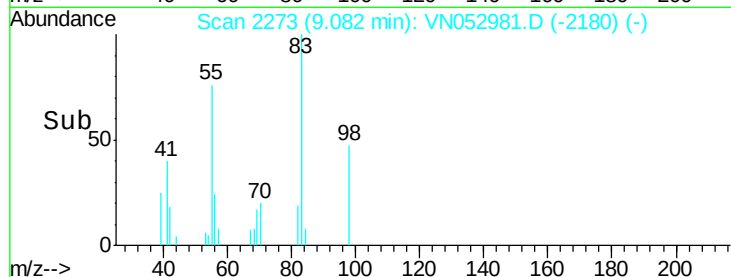
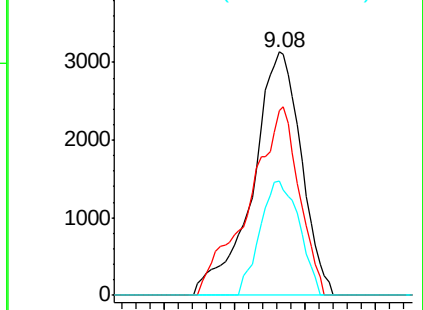
#39
Methylcyclohexane
Concen: 0.320 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052981.D
Acq: 19 Dec 2018 1:05

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FD-1218DL

Tgt Ion: 83 Resp: 7495
Ion Ratio Lower Upper
83 100
55 75.6 61.3 91.9
98 47.0 37.0 55.4

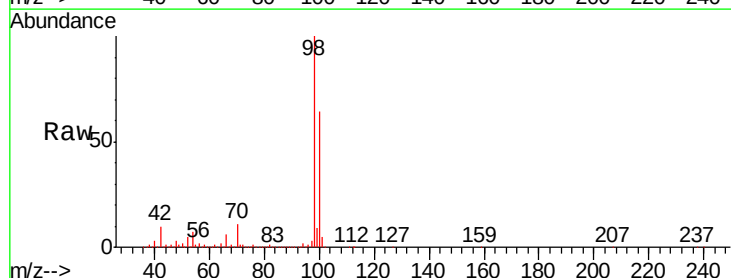


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

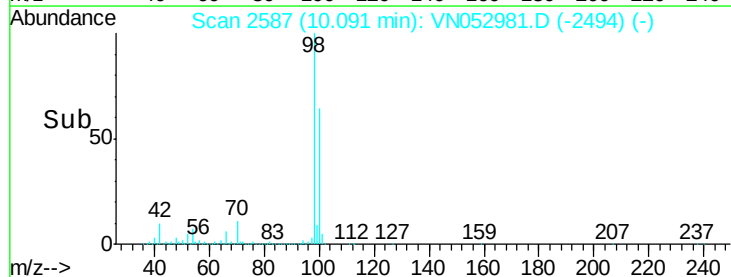
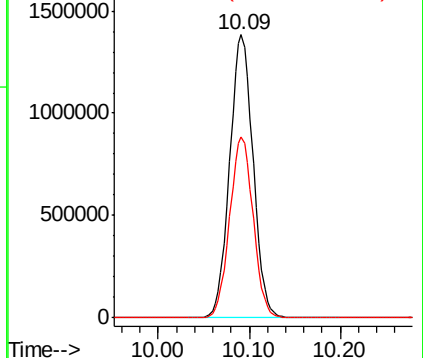


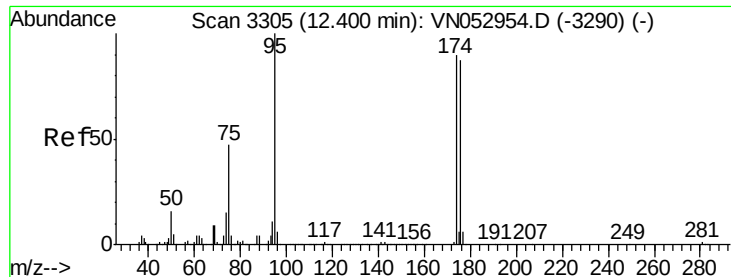
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052981.D
Acq: 19 Dec 2018 1:05

Tgt Ion: 98 Resp: 2469826
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



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

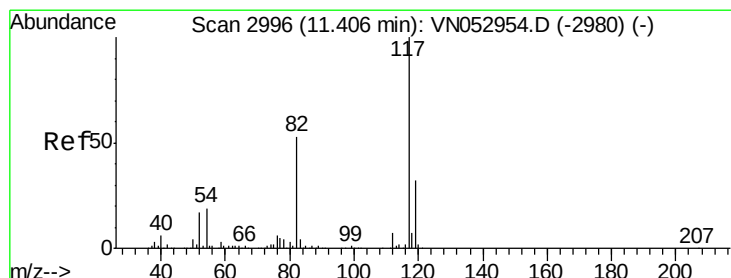
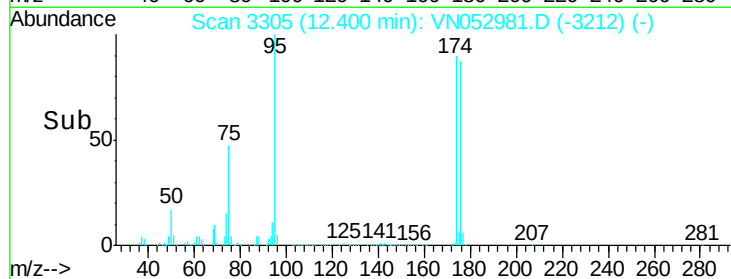
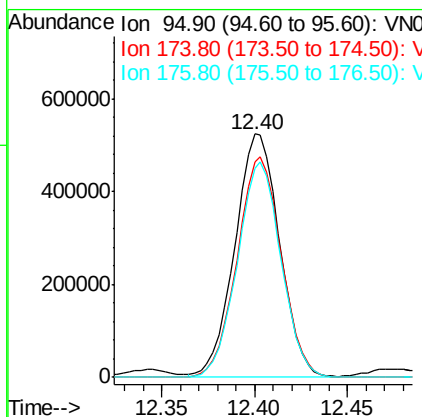
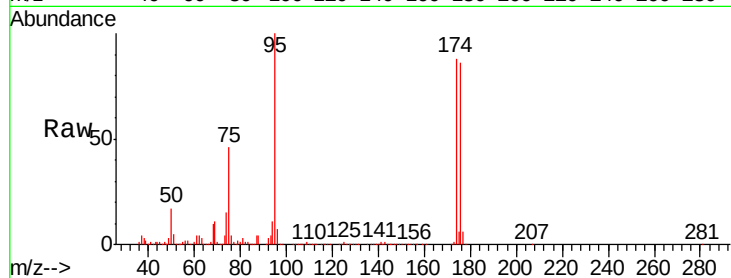




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052981.D
Acq: 19 Dec 2018 1:05

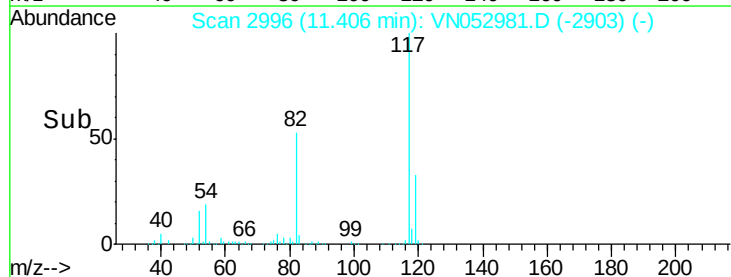
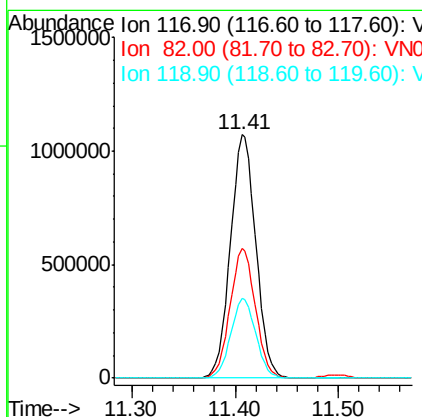
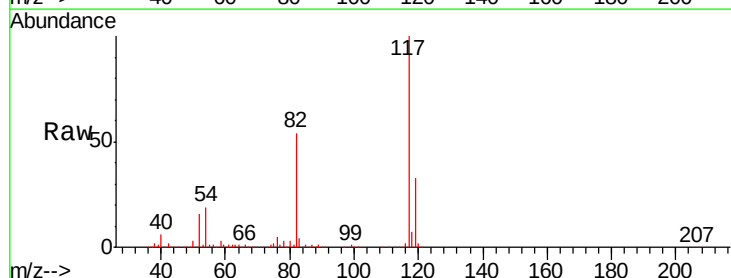
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FD-1218DL

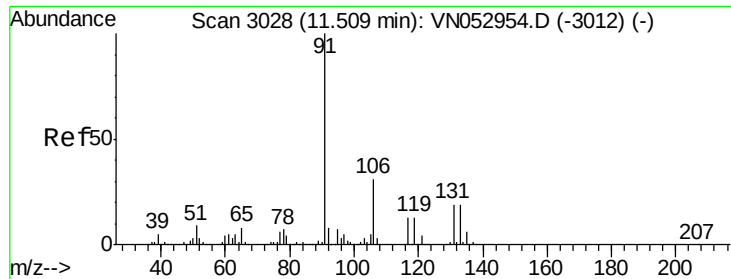
Tgt Ion: 95 Resp: 868539
Ion Ratio Lower Upper
95 100
174 90.0 0.0 178.8
176 87.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052981.D
Acq: 19 Dec 2018 1:05

Tgt Ion: 117 Resp: 1840352
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 32.5 25.5 38.3





#67

Ethyl Benzene

Concen: 0.426 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

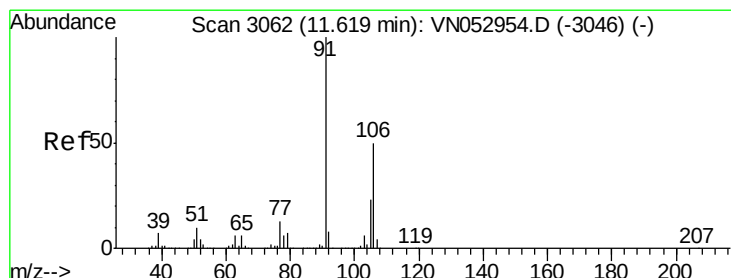
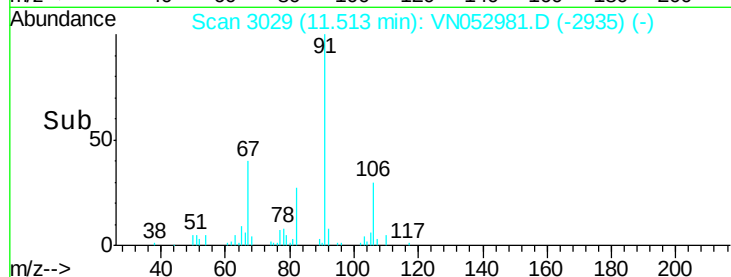
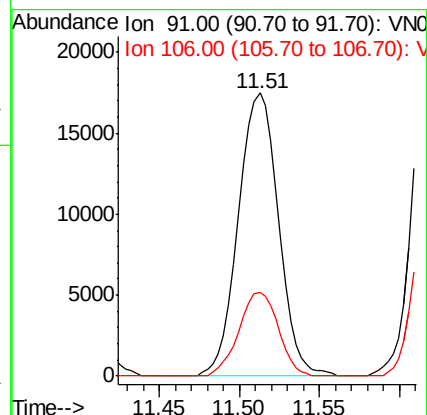
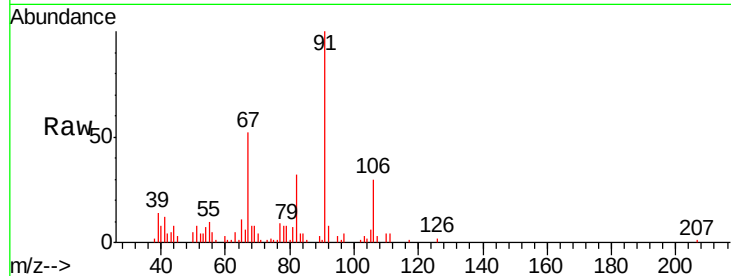
EP1-MW-FD-1218DL

Tgt Ion: 91 Resp: 29903

Ion Ratio Lower Upper

91 100

106 29.5 24.9 37.3



#68

m/p-Xylenes

Concen: 1.475 ug/l

RT: 11.63 min Scan# 3065

Delta R.T. 0.01 min

Lab File: VN052981.D

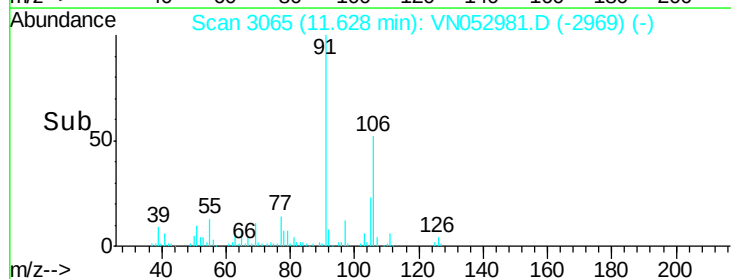
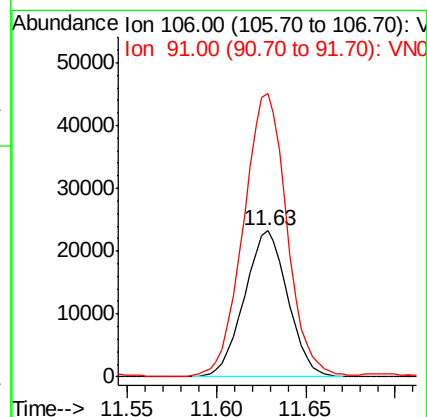
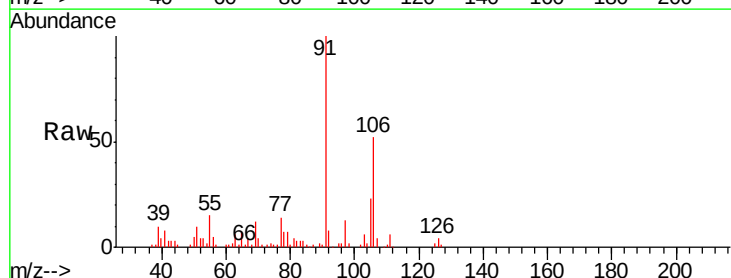
Acq: 19 Dec 2018 1:05

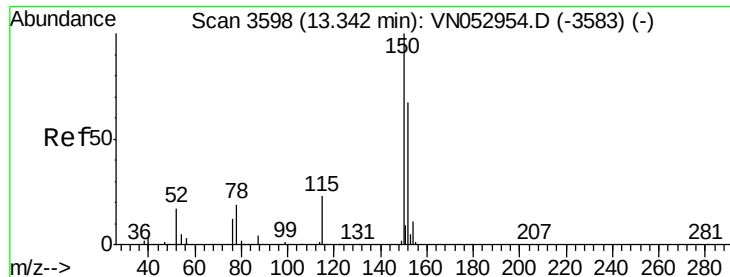
Tgt Ion: 106 Resp: 39343

Ion Ratio Lower Upper

106 100

91 195.5 162.2 243.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FD-1218DL

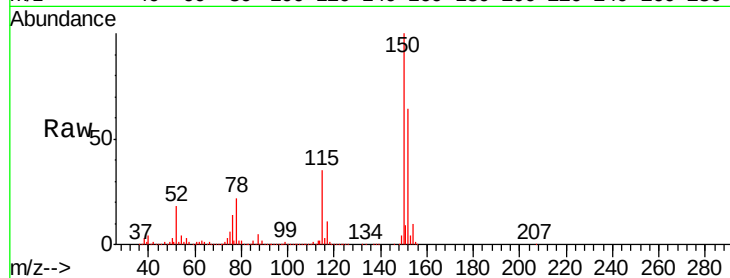
Tgt Ion:152 Resp: 835863

Ion Ratio Lower Upper

152 100

115 56.3 28.3 85.0

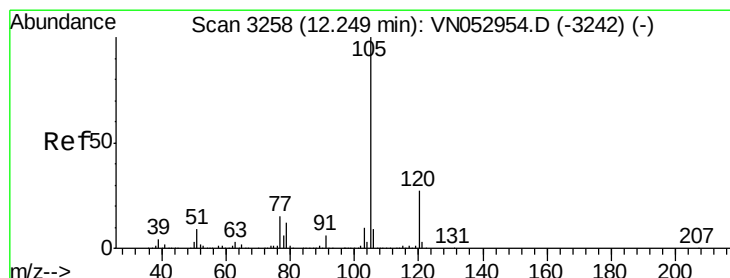
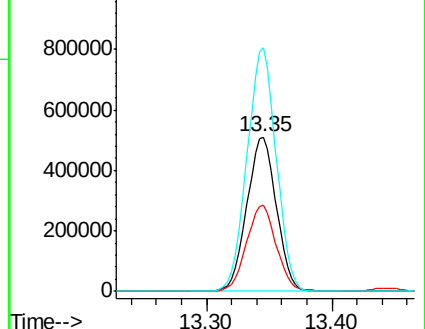
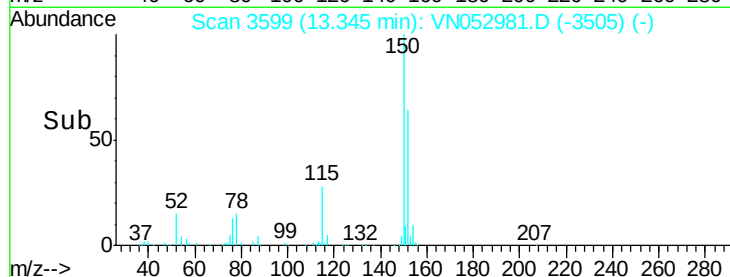
150 156.1 0.0 347.8



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



#73

Isopropylbenzene

Concen: 17.988 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052981.D

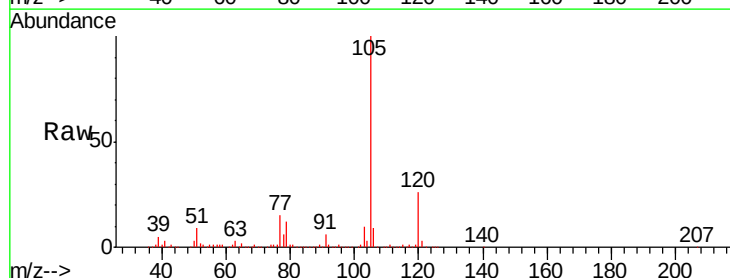
Acq: 19 Dec 2018 1:05

Tgt Ion:105 Resp: 1176378

Ion Ratio Lower Upper

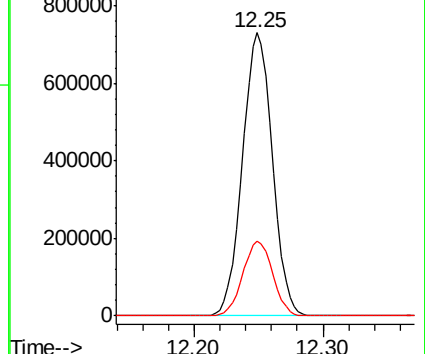
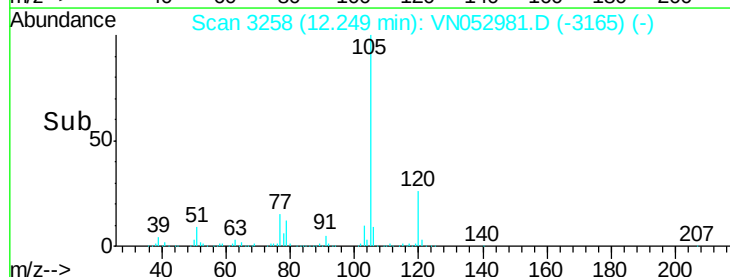
105 100

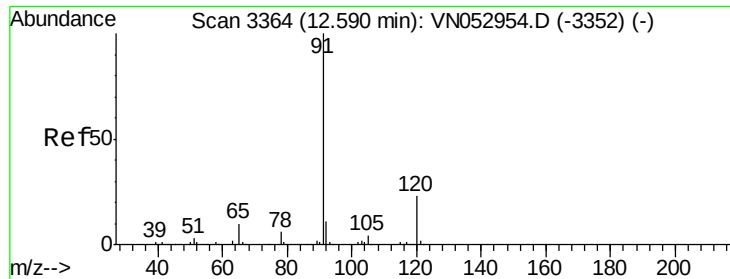
120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

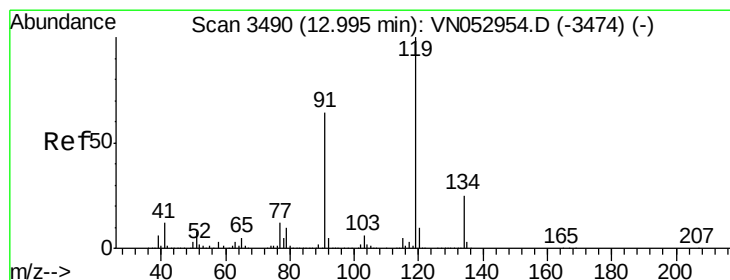
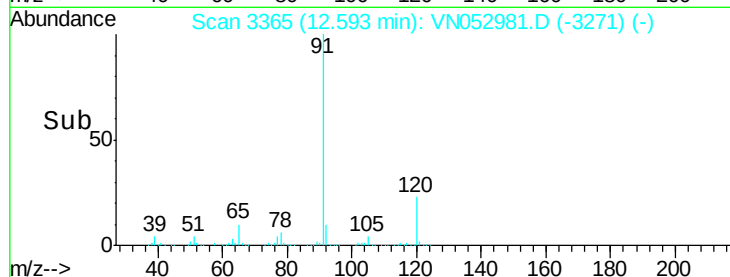
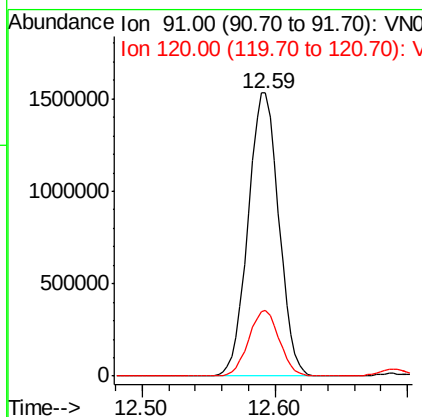
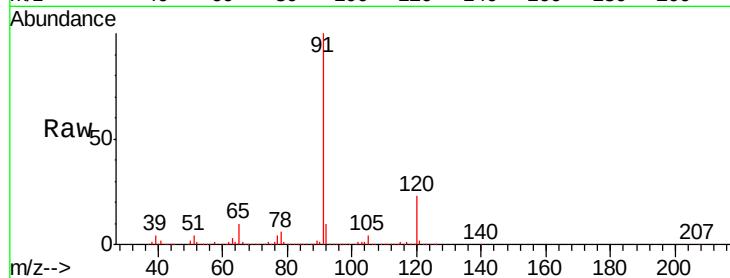




#78
n-propylbenzene
Concen: 33.108 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN052981.D
Acq: 19 Dec 2018 1:05

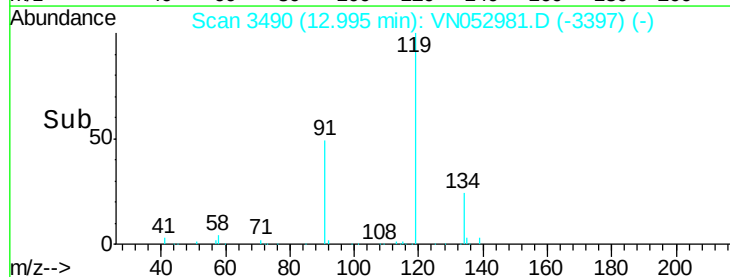
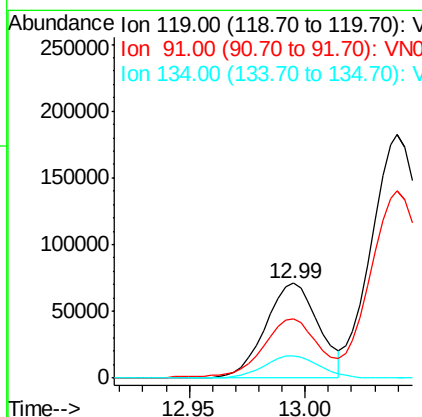
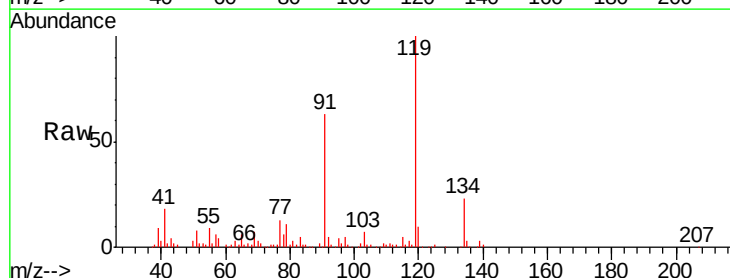
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FD-1218DL

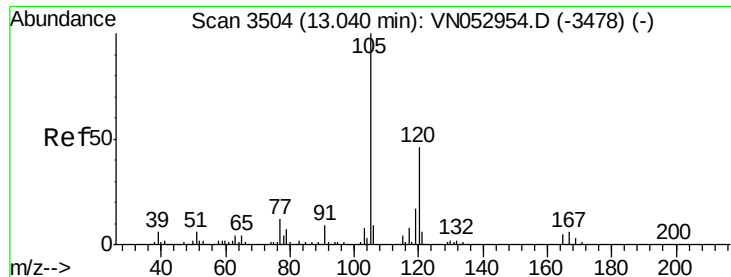
Tgt Ion: 91 Resp: 2466017
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5



#83
tert-Butylbenzene
Concen: 2.409 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN052981.D
Acq: 19 Dec 2018 1:05

Tgt Ion: 119 Resp: 113551
Ion Ratio Lower Upper
119 100
91 64.4 31.9 95.5
134 24.1 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 43.394 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

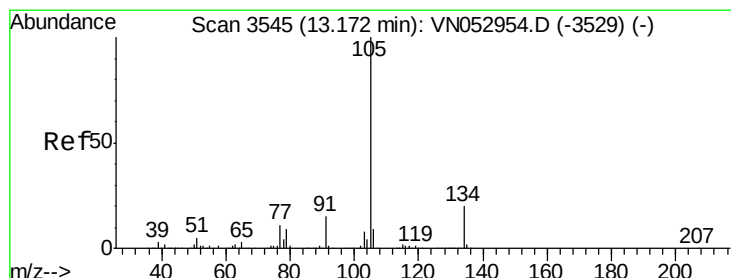
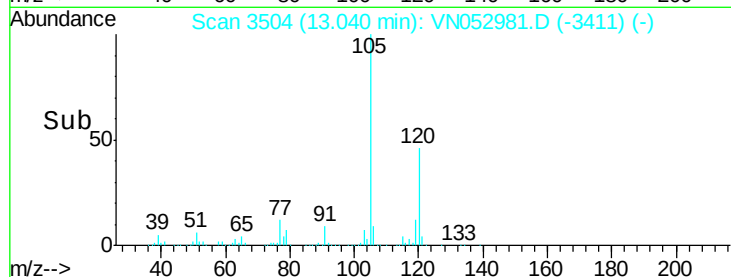
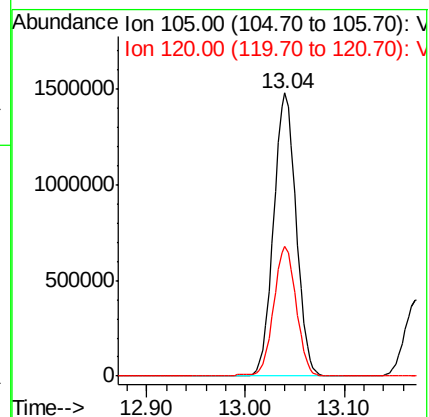
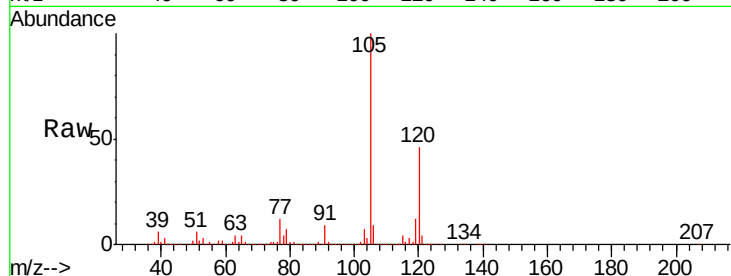
EP1-MW-FD-1218DL

Tgt Ion:105 Resp: 2325370

Ion Ratio Lower Upper

105 100

120 45.7 22.9 68.8



#85

sec-Butylbenzene

Concen: 10.075 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052981.D

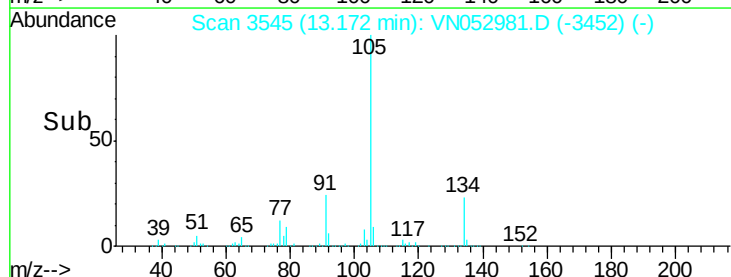
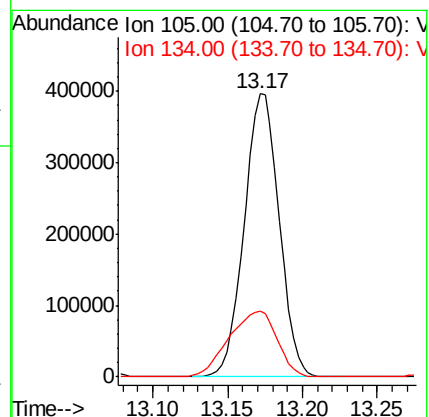
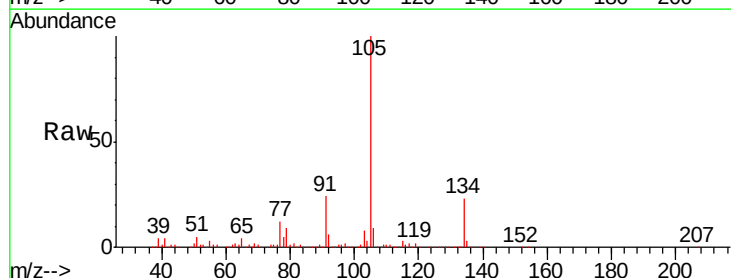
Acq: 19 Dec 2018 1:05

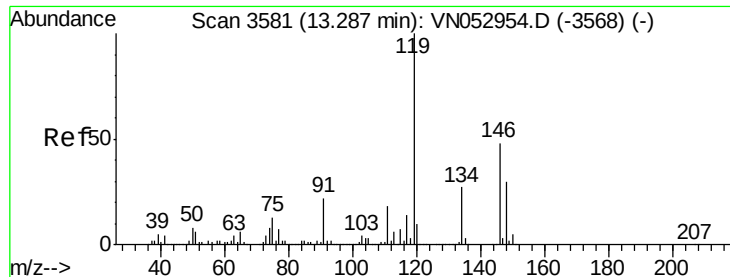
Tgt Ion:105 Resp: 642462

Ion Ratio Lower Upper

105 100

134 32.1 10.1 30.3#

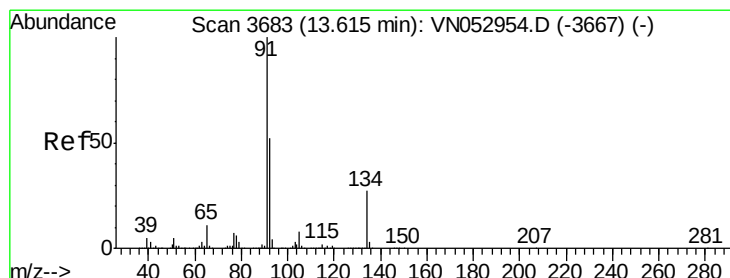
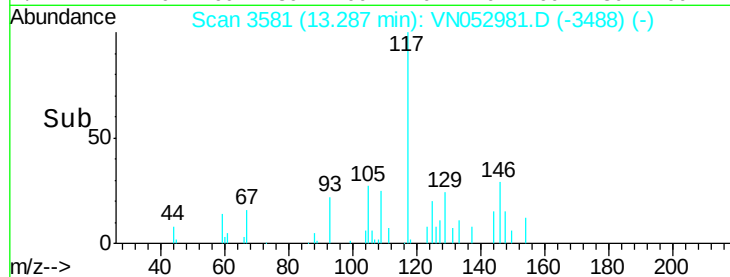
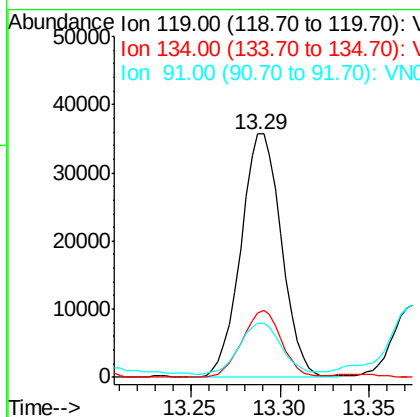
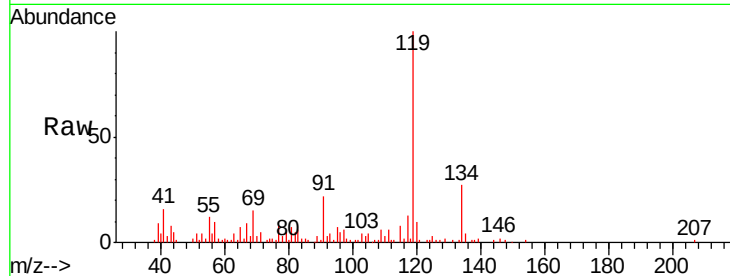




#86
p-Isopropyltoluene
Concen: 1.030 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN052981.D
Acq: 19 Dec 2018 1:05

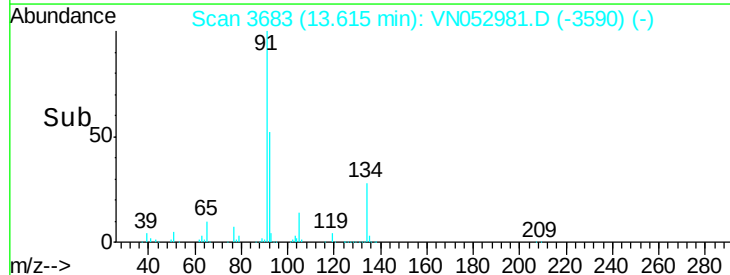
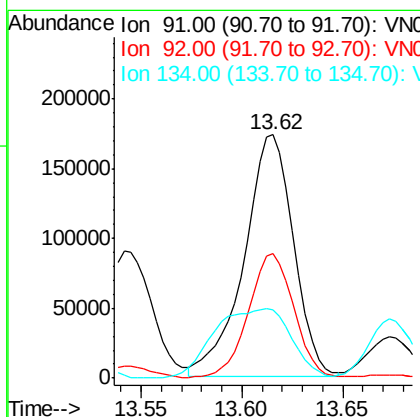
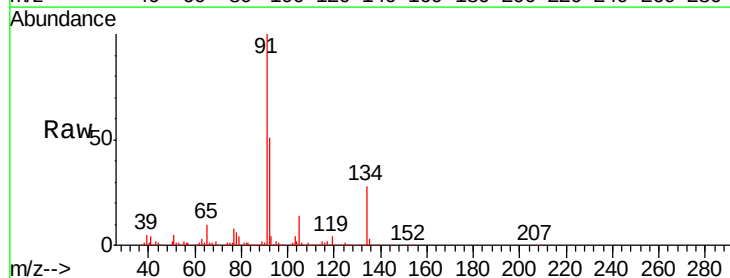
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FD-1218DL

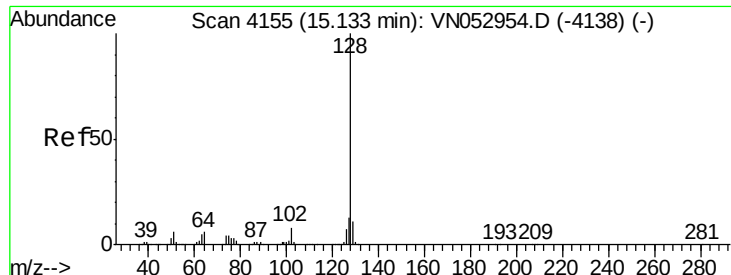
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	21.3	11.1	33.3



#89
n-Butylbenzene
Concen: 6.273 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN052981.D
Acq: 19 Dec 2018 1:05

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.6	26.3	78.9
134	44.4	13.3	39.8





#95

Naphthalene

Concen: 1.349 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052981.D

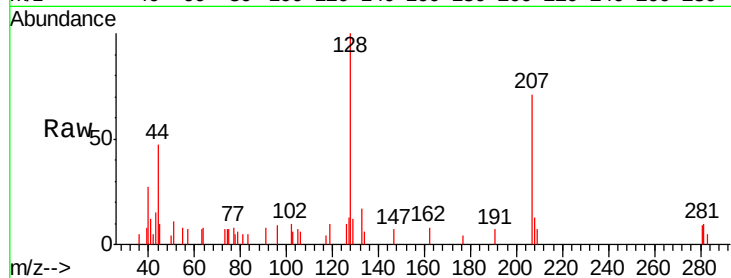
Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FD-1218DL



Tgt Ion:128 Resp: 6812

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

129 0.0 8.6 13.0#

