

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051053.D
 Acq On : 7 Sep 2018 15:01
 Operator : MD\SY
 Sample : J4693-13
 Misc : 5.92g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(20-25)

Quant Time: Sep 08 00:31:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	579706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	862220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	785889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	332903	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	343215	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
35) Dibromofluoromethane	7.59	113	326633	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
50) Toluene-d8	10.09	98	1205283	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
62) 4-Bromofluorobenzene	12.40	95	394779	46.32	ug/l	0.00
Spiked Amount			Recovery	=	92.64%	

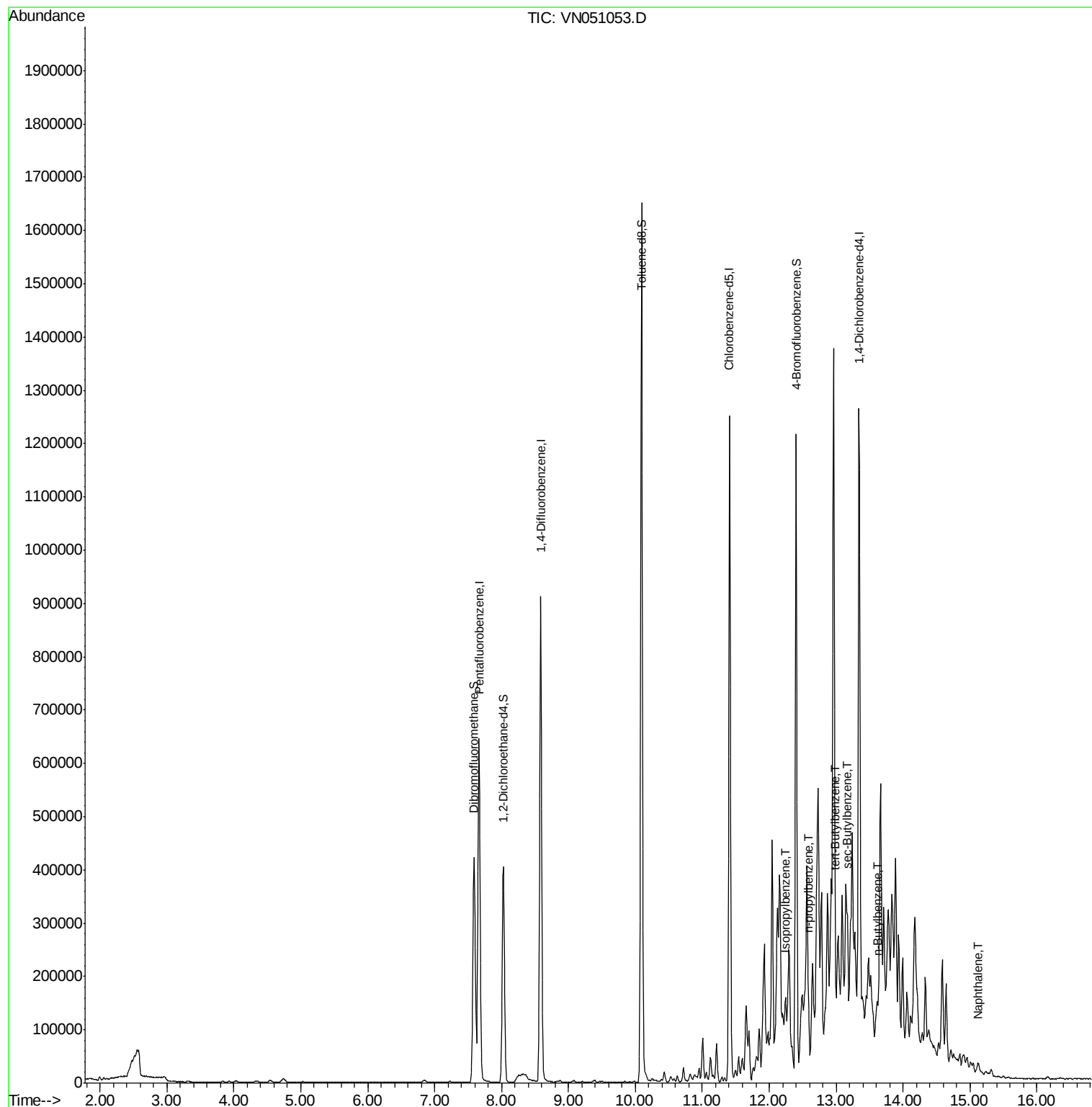
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
73) Isopropylbenzene	12.25	105	26560	0.96	ug/l	97
78) n-propylbenzene	12.59	91	63414	2.06	ug/l	99
83) tert-Butylbenzene	12.99	119	6481	0.34	ug/l	89
85) sec-Butylbenzene	13.17	105	46055	1.82	ug/l #	78
89) n-Butylbenzene	13.61	91	18589	1.08	ug/l #	82
95) Naphthalene	15.14	128	12374	6.23	ug/l	98

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

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EP1-MW-C(20-25)

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

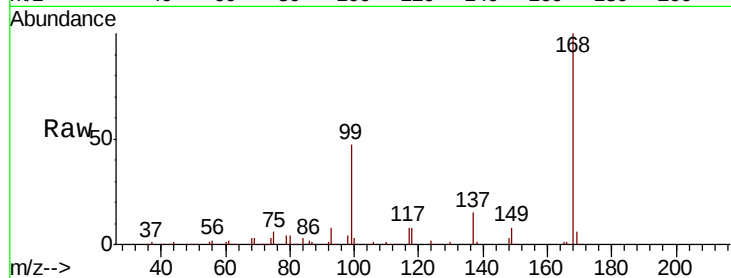
EP1-MW-C(20-25)

Tot Ion:168 Resp: 579706

Ion Ratio Lower Upper

168 100

99 47.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

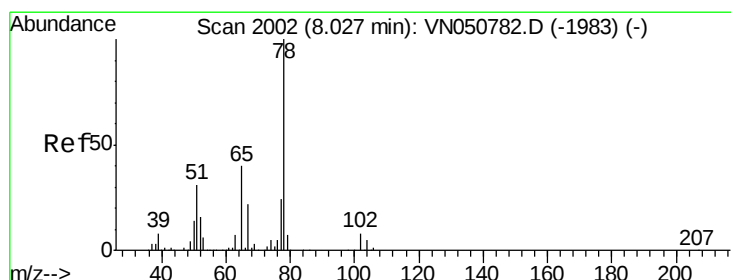
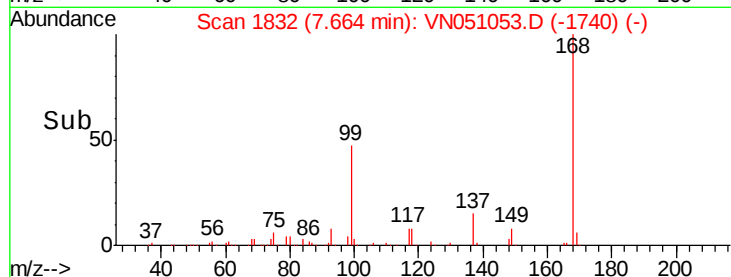
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.18 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN051053.D

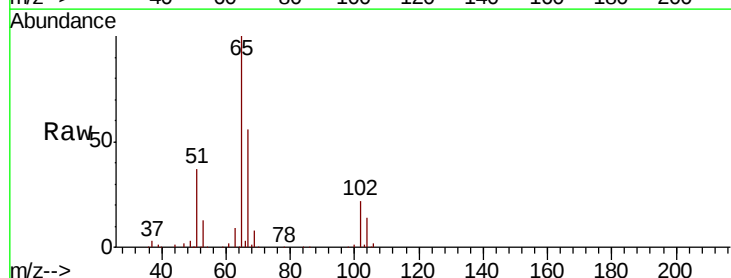
Acq: 7 Sep 2018 15:01

Tgt Ion: 65 Resp: 343215

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.02

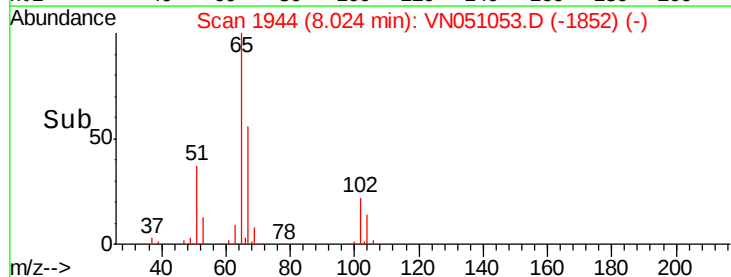
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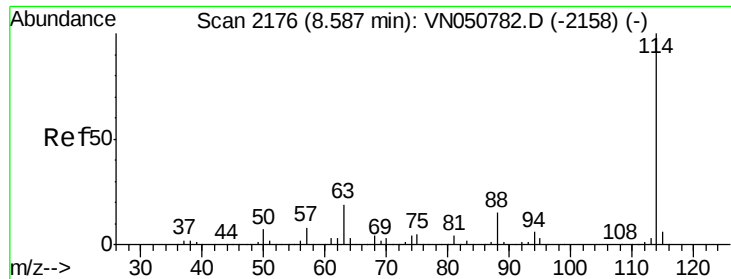
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Time-->

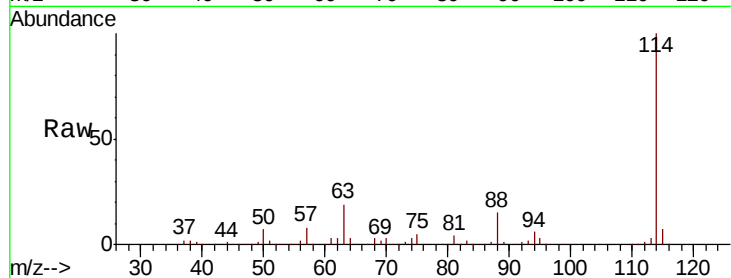




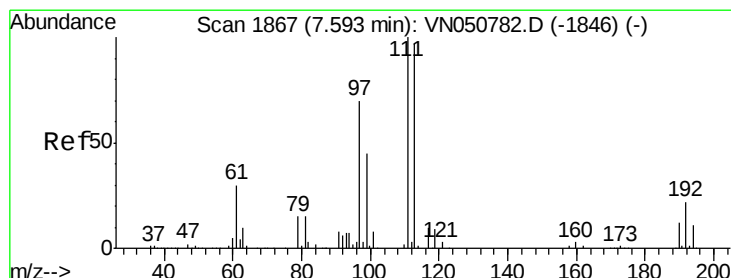
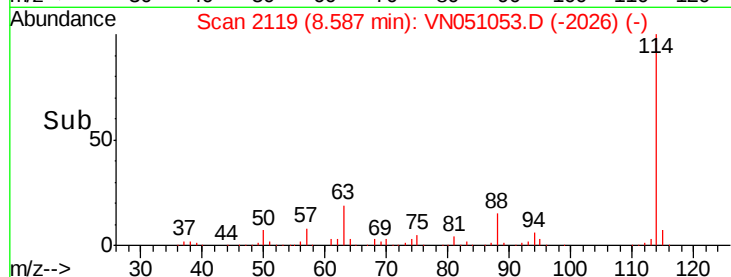
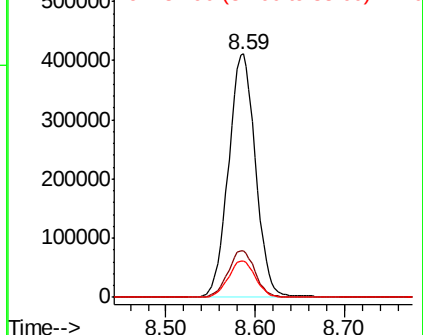
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051053.D
 Acq: 7 Sep 2018 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(20-25)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.6
88	15.0	0.0	30.6

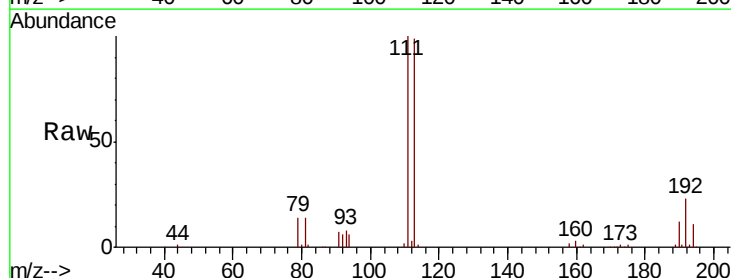


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

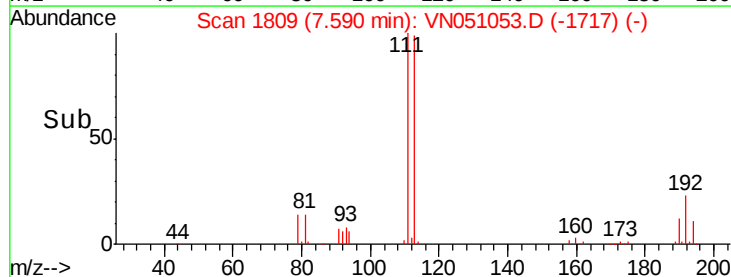
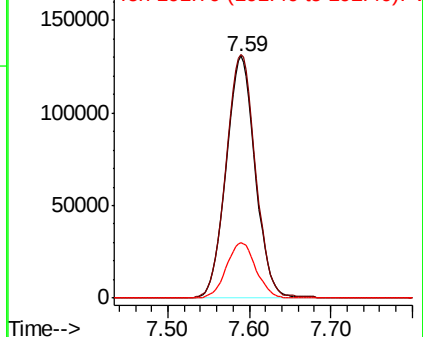


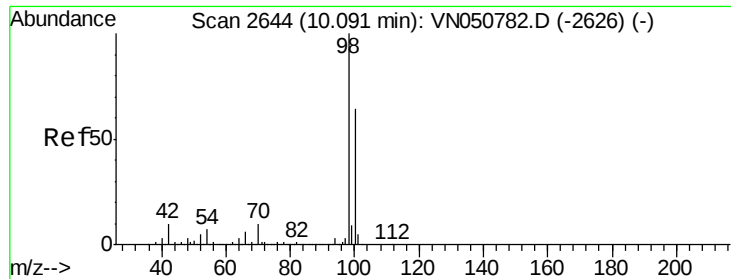
#35
 Dibromofluoromethane
 Concen: 47.62 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051053.D
 Acq: 7 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	23.2	18.0	27.0



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: 47.00 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

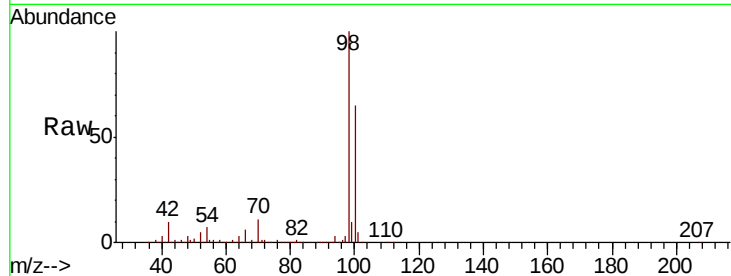
EP1-MW-C(20-25)

Tot Ion: 98 Resp: 1205283

Ion Ratio Lower Upper

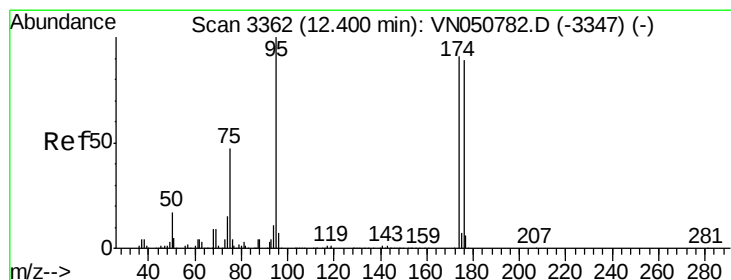
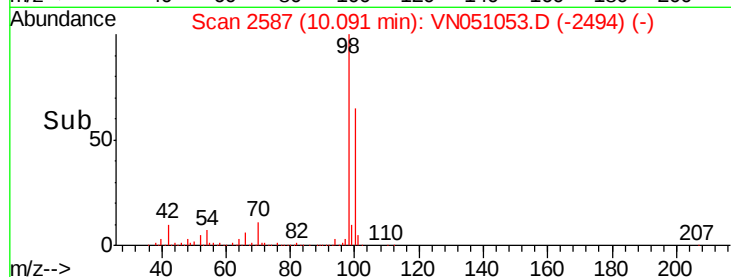
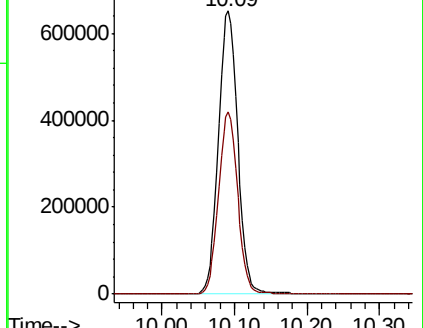
98 100

100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050782.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN050782.D (-2626) (-)



#62

4-Bromofluorobenzene

Concen: 46.32 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

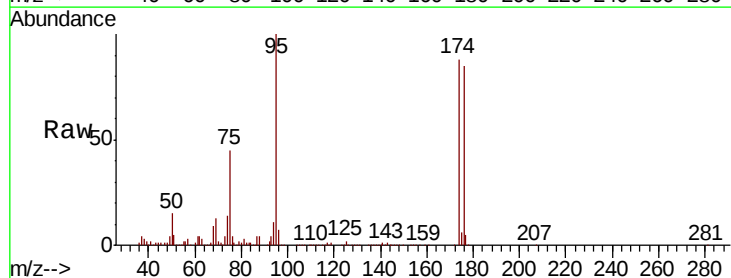
Tgt Ion: 95 Resp: 394779

Ion Ratio Lower Upper

95 100

174 91.5 0.0 183.0

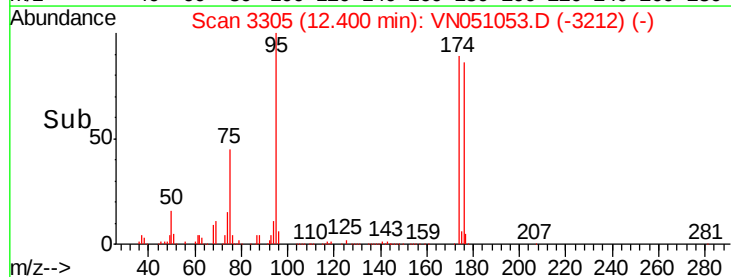
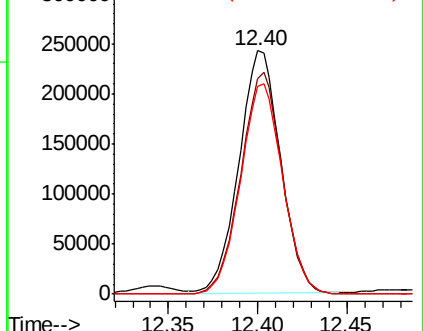
176 88.1 0.0 178.8

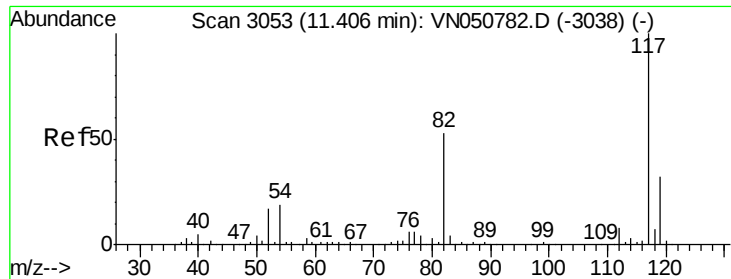


Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)

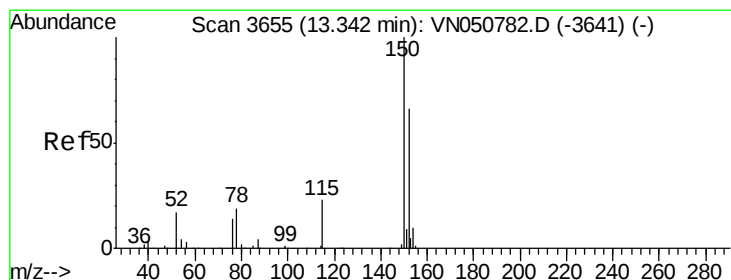
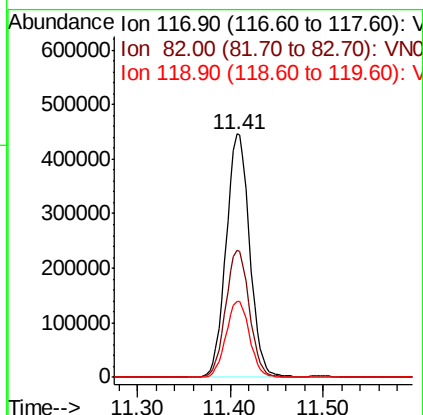
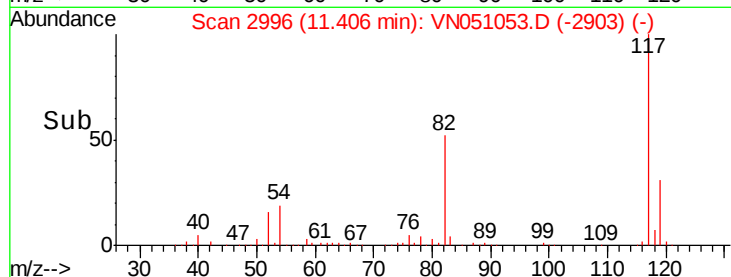
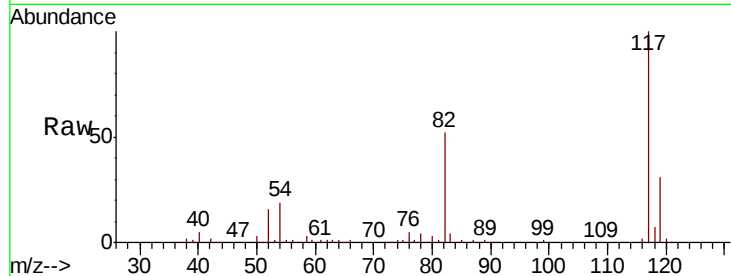




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

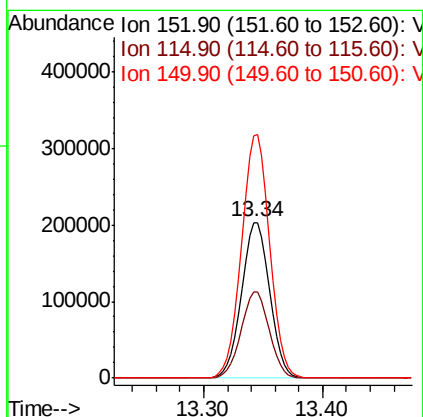
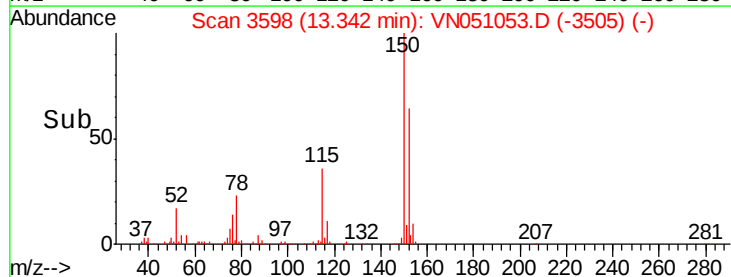
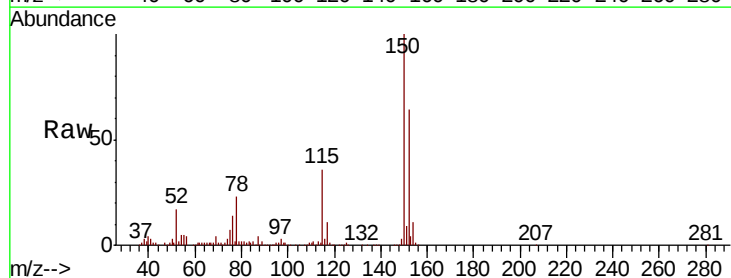
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(20-25)

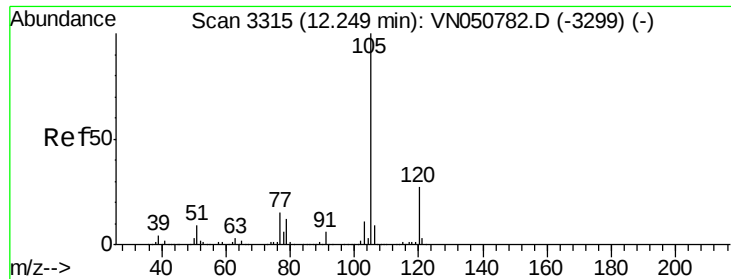
Tot Ion:117 Resp: 785889
Ion Ratio Lower Upper
117 100
82 52.1 42.6 64.0
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

Tgt Ion:152 Resp: 332903
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 156.2 0.0 351.4





#73

Isopropylbenzene

Concen: 0.96 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

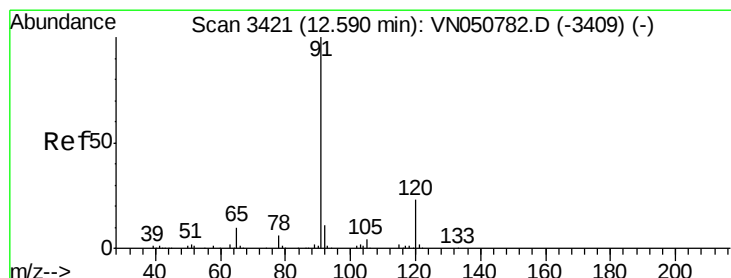
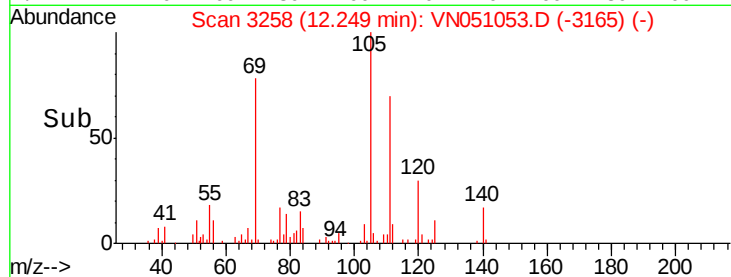
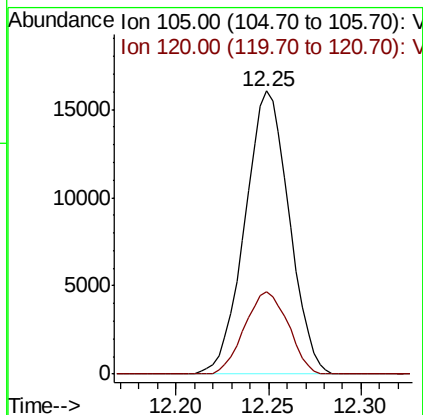
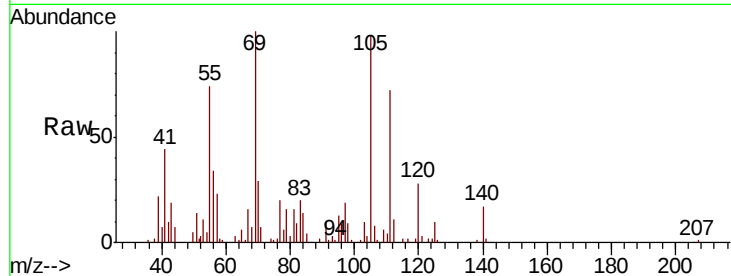
EP1-MW-C(20-25)

Tot Ion:105 Resp: 26560

Ion Ratio Lower Upper

105 100

120 28.6 13.5 40.4



#78

n-propylbenzene

Concen: 2.06 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051053.D

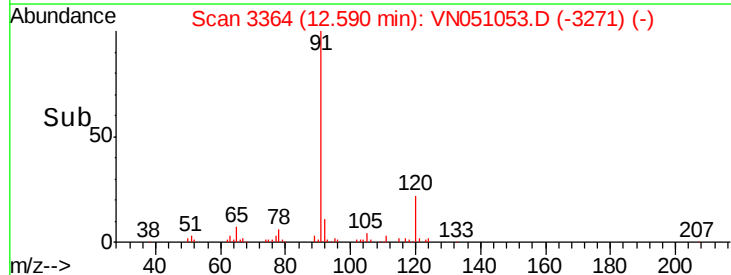
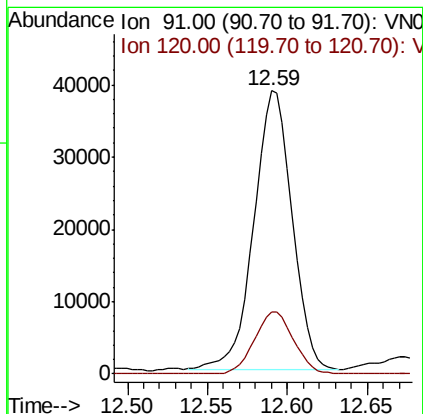
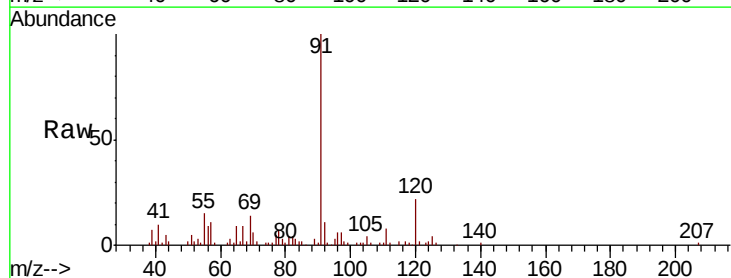
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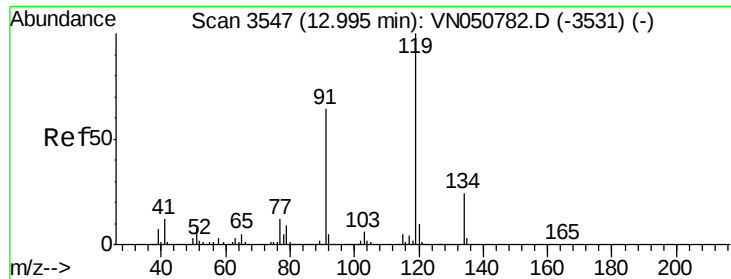
Tgt Ion: 91 Resp: 63414

Ion Ratio Lower Upper

91 100

120 22.8 11.7 35.0

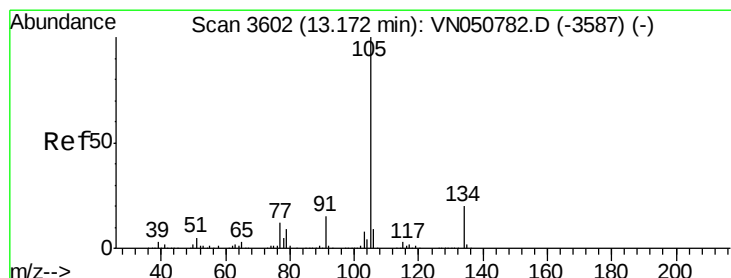
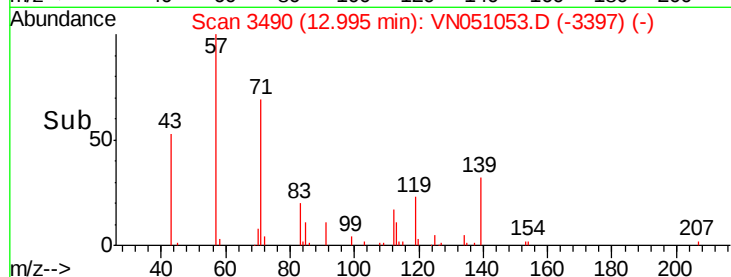
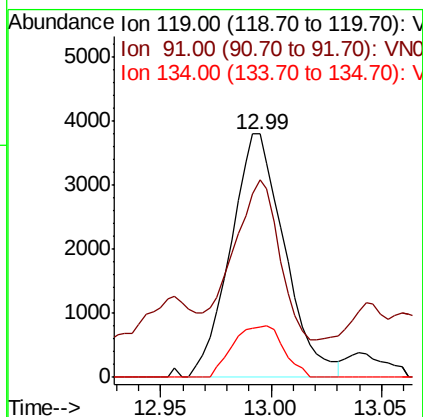
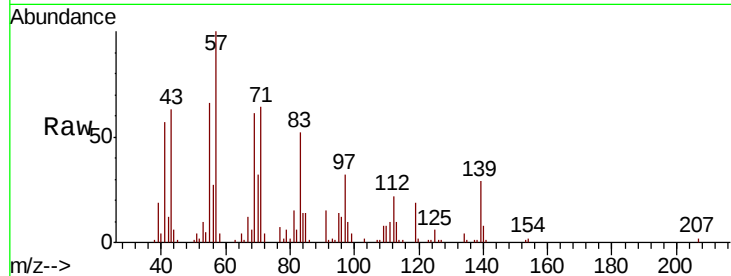




#83
tert-Butylbenzene
Concen: 0.34 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

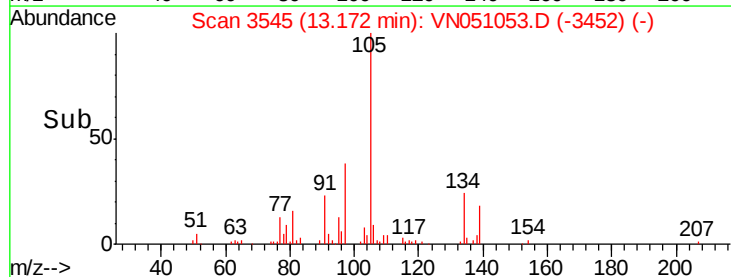
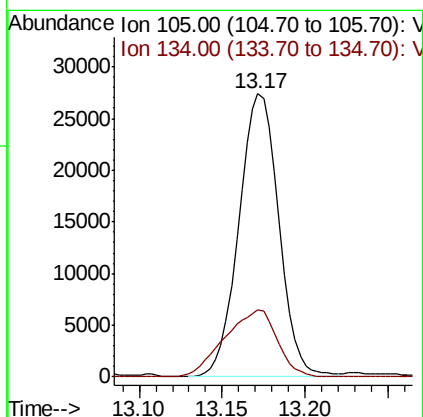
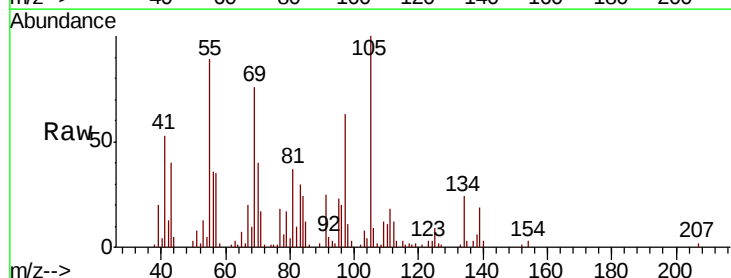
Instrument :
MSVOA_N
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EP1-MW-C(20-25)

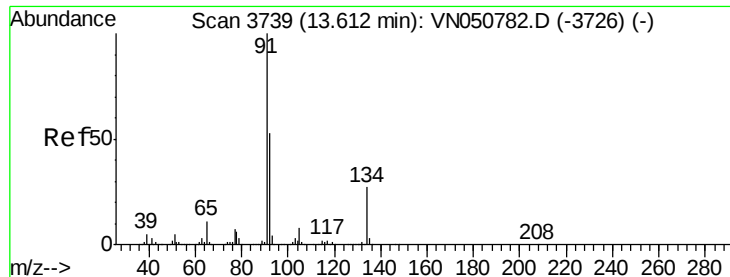
Tot Ion:119 Resp: 6481
Ion Ratio Lower Upper
119 100
91 55.6 31.6 94.7
134 19.8 13.4 40.1



#85
sec-Butylbenzene
Concen: 1.82 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

Tgt Ion:105 Resp: 46055
Ion Ratio Lower Upper
105 100
134 30.9 10.3 30.8#

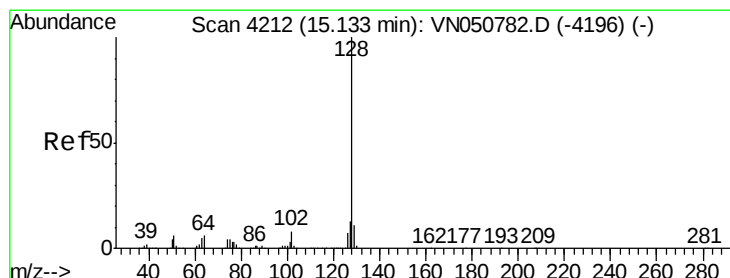
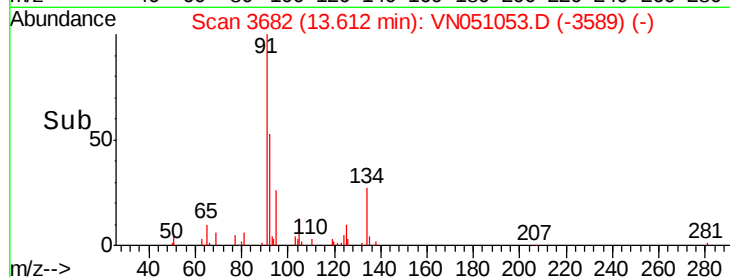
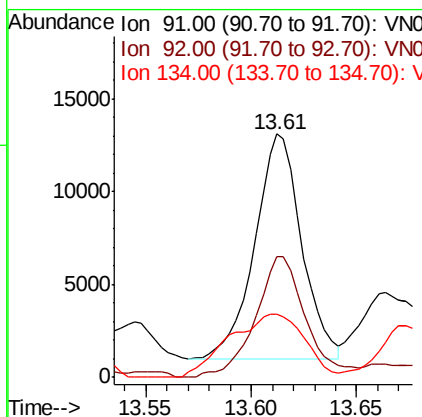
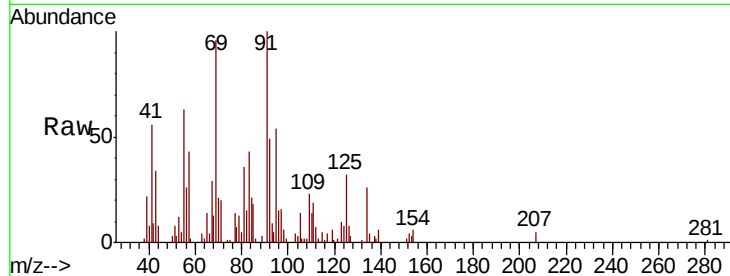




#89
n-Butylbenzene
Concen: 1.08 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-C(20-25)

Tot Ion: 91 Resp: 18589
Ion Ratio Lower Upper
91 100
92 57.9 26.1 78.2
134 45.1 13.2 39.6#



#95
Naphthalene
Concen: 6.23 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

Tgt Ion: 128 Resp: 12374
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 9.3 8.7 13.1

