

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052326.D
 Acq On : 14 Nov 2018 21:08
 Operator : MD\SY
 Sample : J5925-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1D

Quant Time: Nov 15 03:51:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	315701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	532407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	457902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	172802	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	217316	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
35) Dibromofluoromethane	7.59	113	169607	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
50) Toluene-d8	10.09	98	669687	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.40	95	198675	44.71	ug/l	0.00
Spiked Amount			Recovery	=	89.42%	

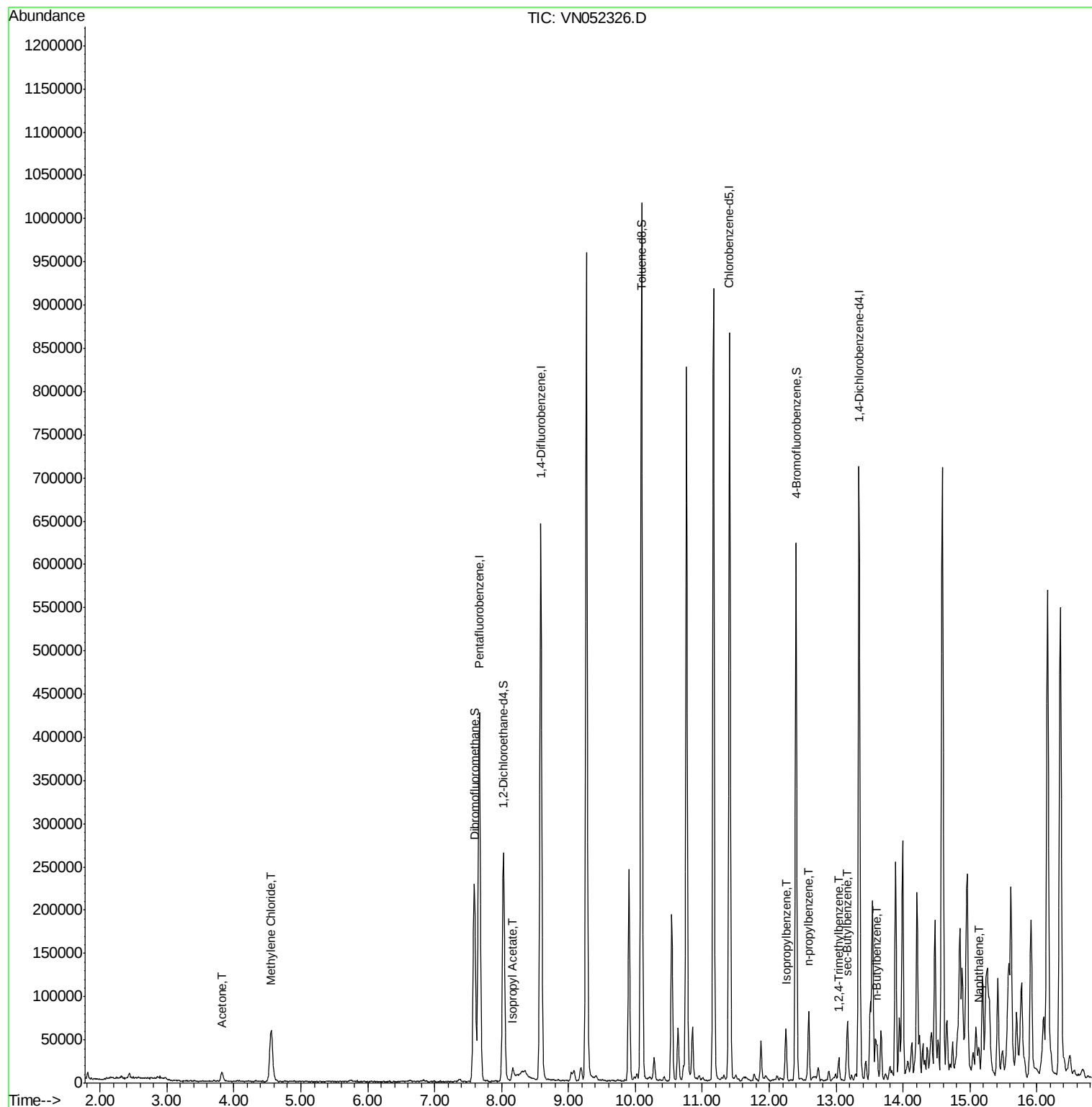
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	18605	15.155	ug/l	97
20) Methylene Chloride	4.56	84	40958	10.412	ug/l	93
43) Isopropyl Acetate	8.17	43	19315	2.585	ug/l	99
73) Isopropylbenzene	12.25	105	35110	2.527	ug/l	96
78) n-propylbenzene	12.59	91	59773	3.679	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	14036	1.265	ug/l	95
85) sec-Butylbenzene	13.17	105	42107	3.169	ug/l	89
89) n-Butylbenzene	13.61	91	23355	2.416	ug/l #	77
95) Naphthalene	15.13	128	20769	5.823	ug/l	99

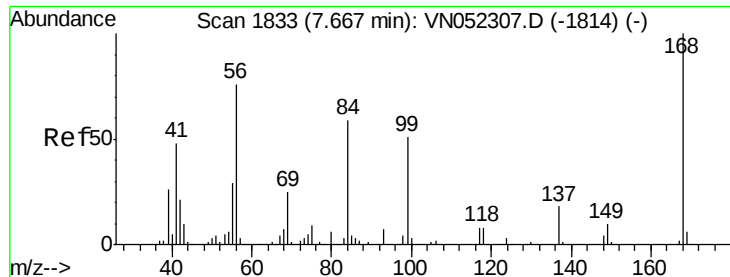
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111418\
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Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampled :

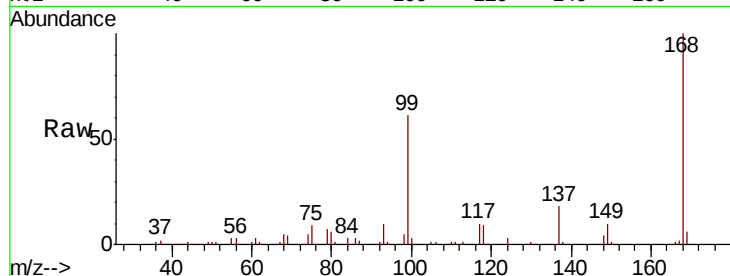
TP-1D

Tot Ion:168 Resp: 315701

Ion Ratio Lower Upper

168 100

99 61.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

7.67

150000

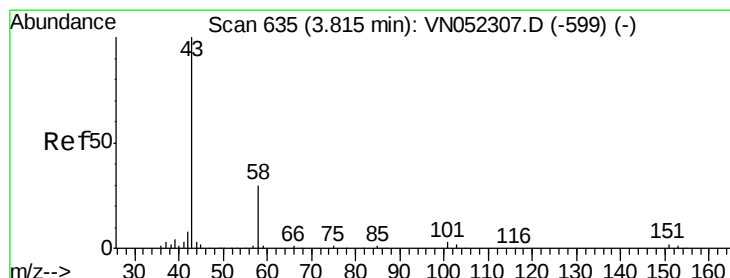
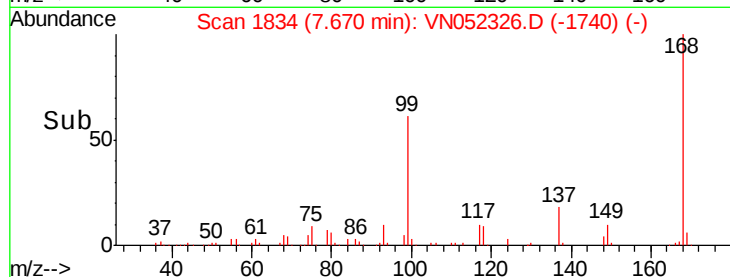
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 15.155 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052326.D

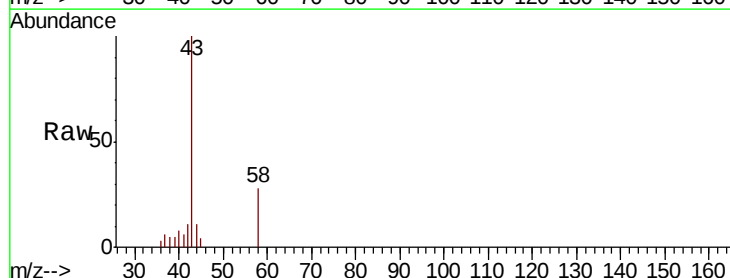
Acq: 14 Nov 2018 21:08

Tgt Ion: 43 Resp: 18605

Ion Ratio Lower Upper

43 100

58 28.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-599) (-)

3.82

8000

6000

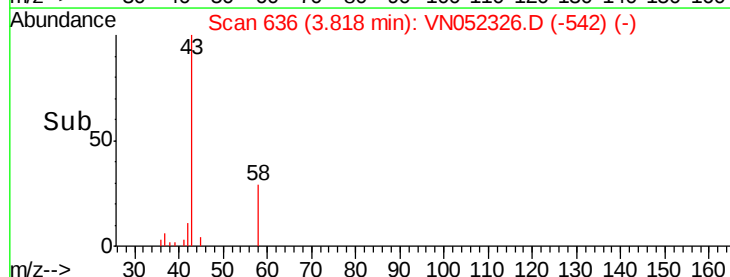
4000

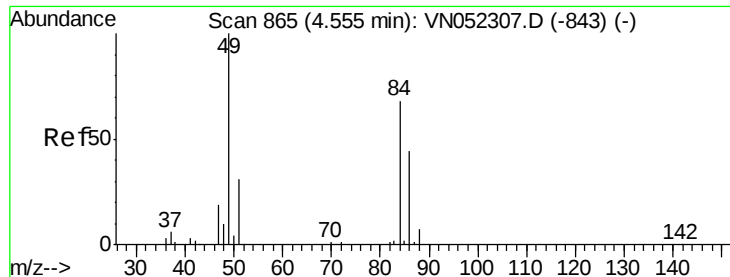
2000

0

3.70 3.80 3.90

Time-->

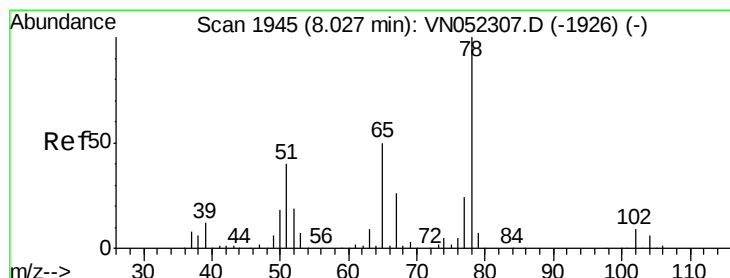
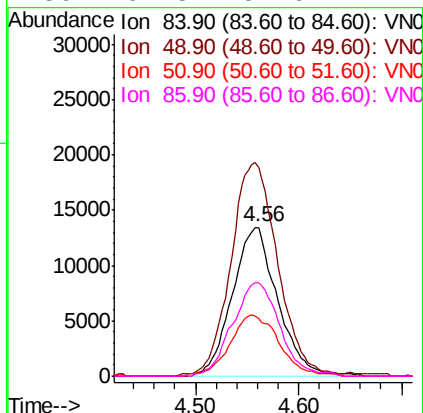
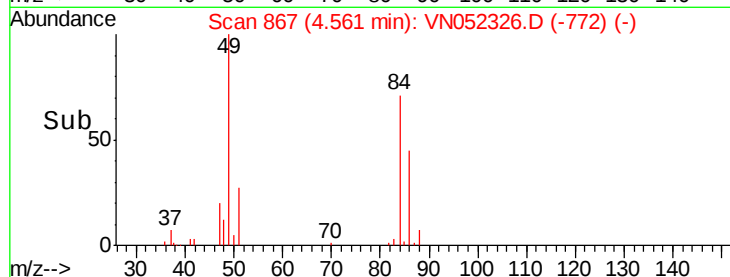
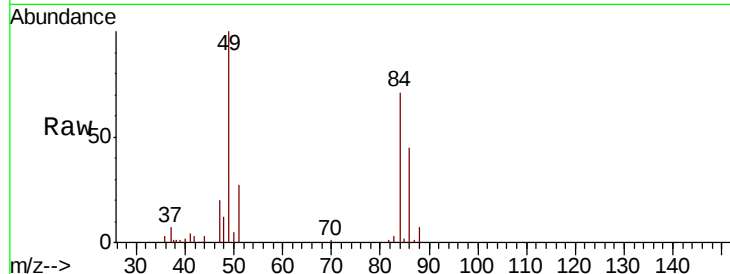




#20
Methvlene Chloride
Concen: 10.412 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

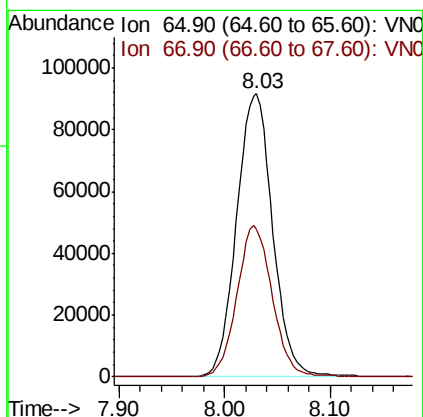
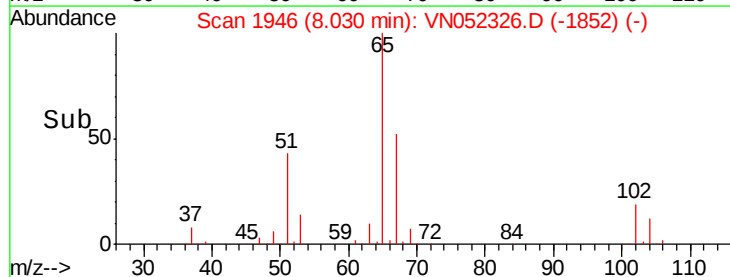
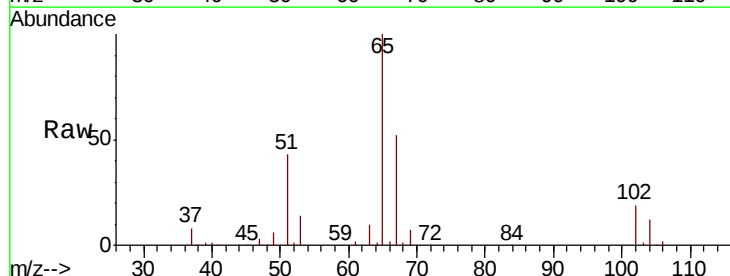
Instrument :
MSVOA_N
ClientSampleId :
TP-1D

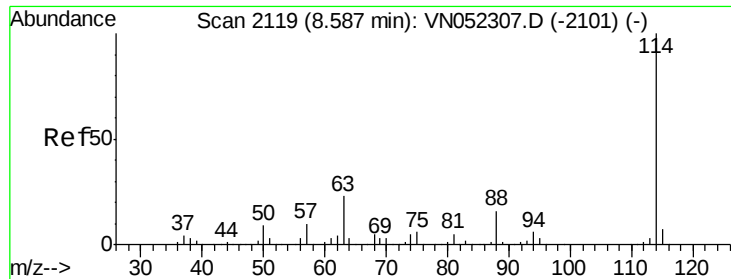
Tot Ion: 84 Resp: 40958
Ion Ratio Lower Upper
84 100
49 138.1 118.2 177.2
51 37.1 36.1 54.1
86 62.8 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

Tgt Ion: 65 Resp: 217316
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2

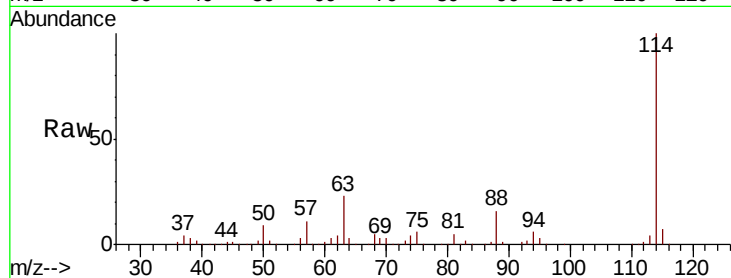




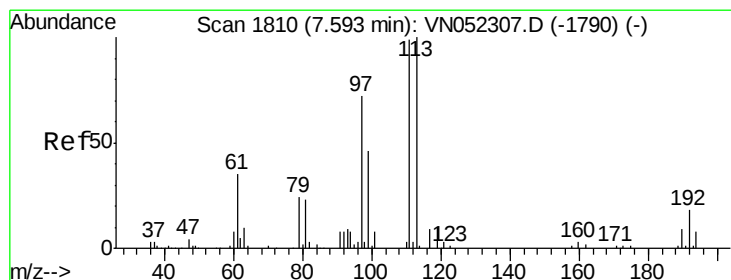
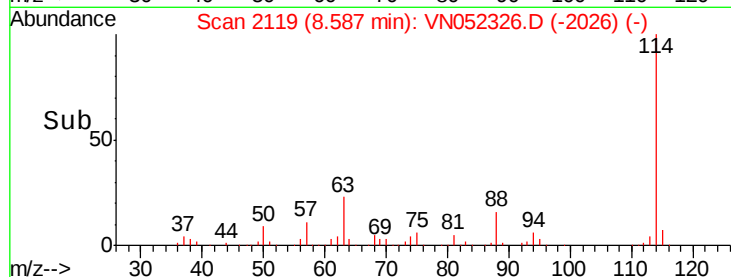
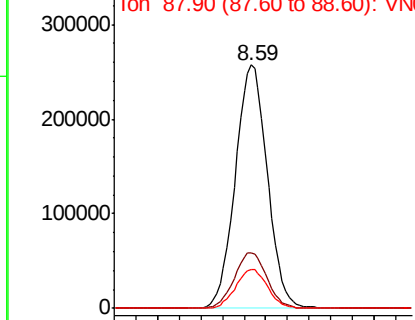
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

Instrument :
MSVOA_N
ClientSampleId :
TP-1D

Tot Ion:114 Resp: 532407
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.4
88 16.0 0.0 31.2

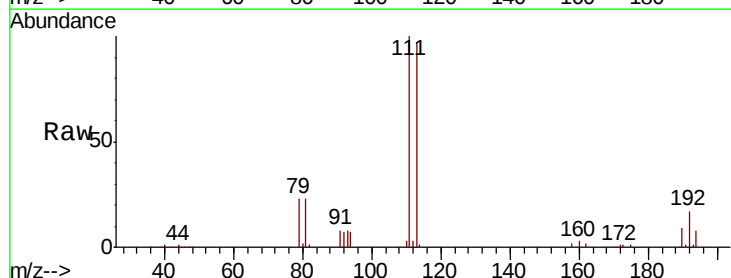


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

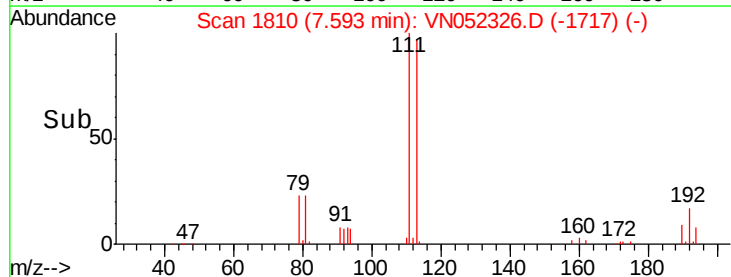
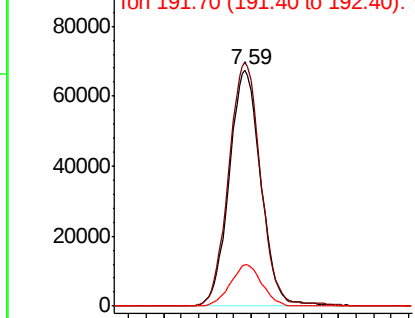


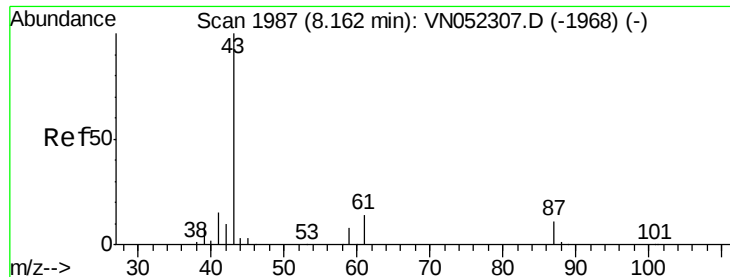
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

Tgt Ion:113 Resp: 169607
Ion Ratio Lower Upper
113 100
111 103.6 81.0 121.6
192 17.5 13.8 20.6



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





#43

Isopropyl Acetate

Concen: 2.585 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampled :

TP-1D

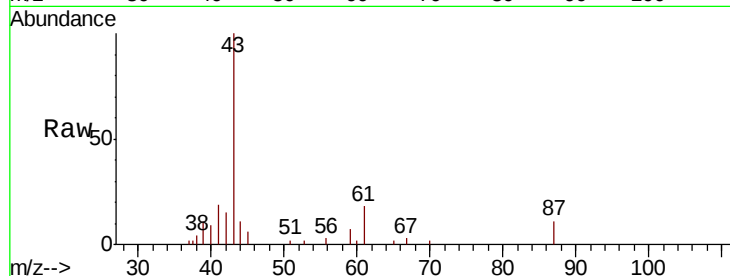
Tot Ion: 43 Resp: 19315

Ion Ratio Lower Upper

43 100

61 15.5 12.0 18.0

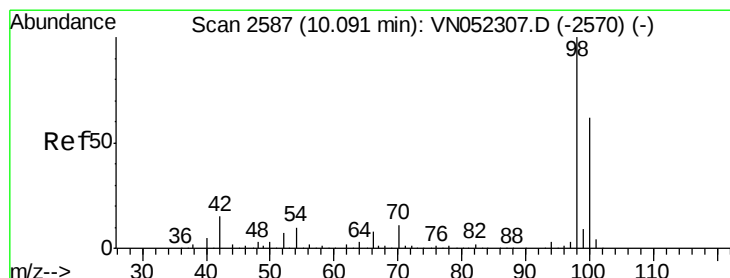
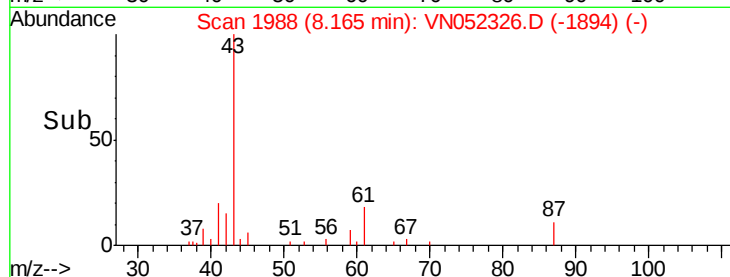
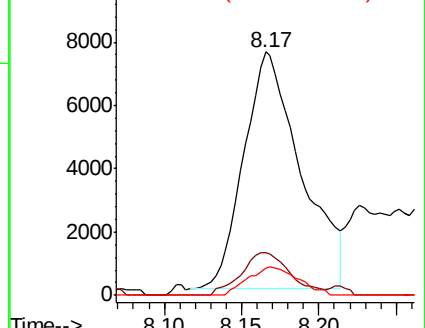
87 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052326.D

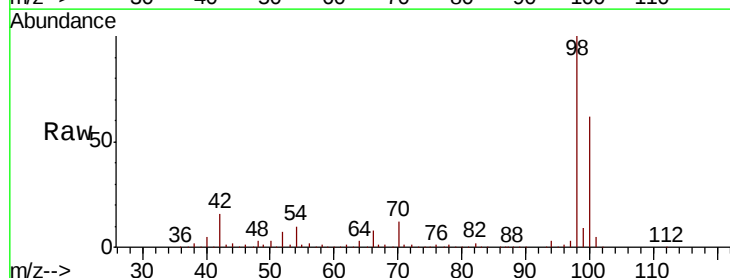
Acq: 14 Nov 2018 21:08

Tgt Ion: 98 Resp: 669687

Ion Ratio Lower Upper

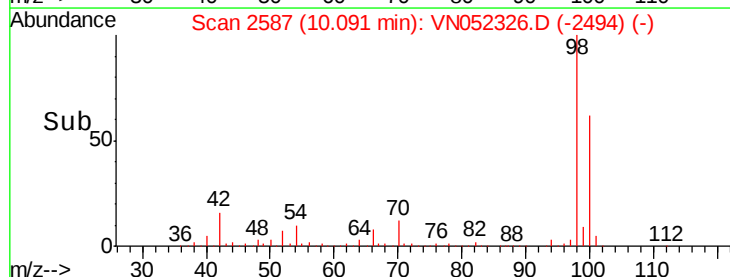
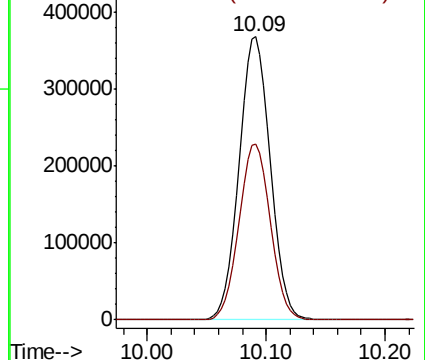
98 100

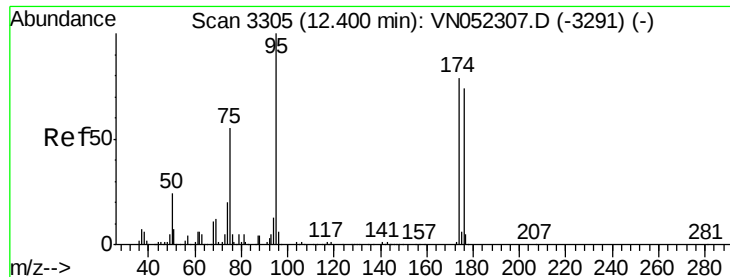
100 62.4 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)

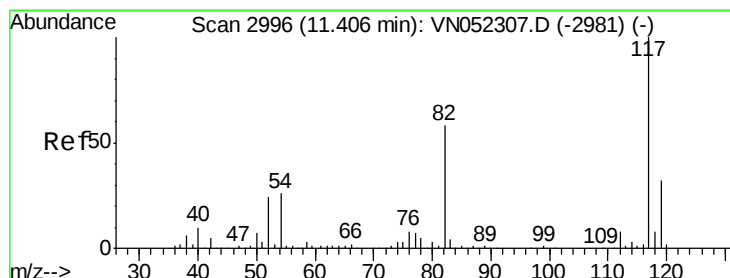
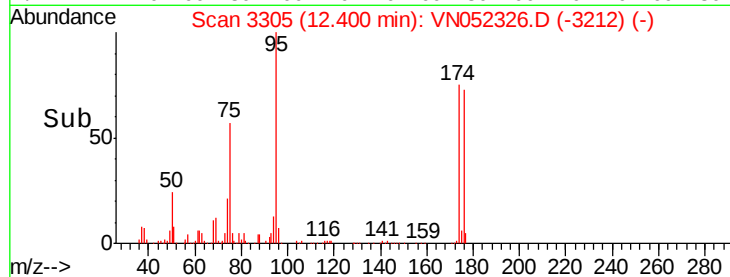
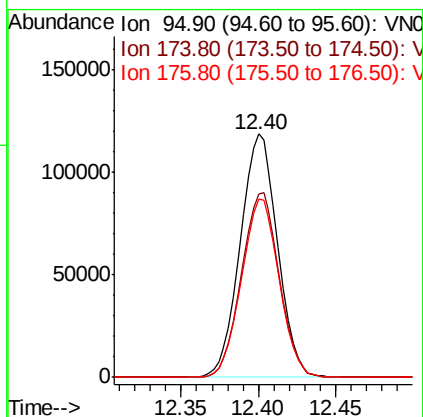
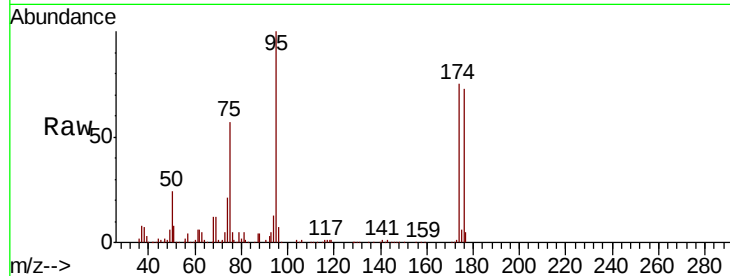




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

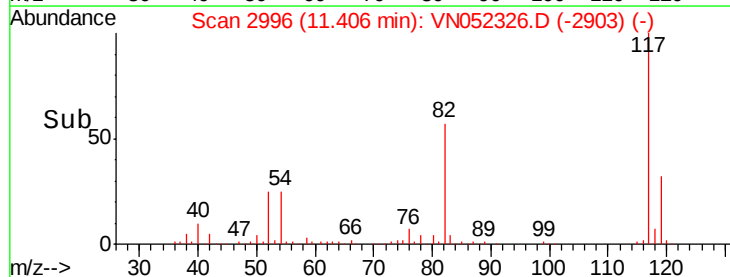
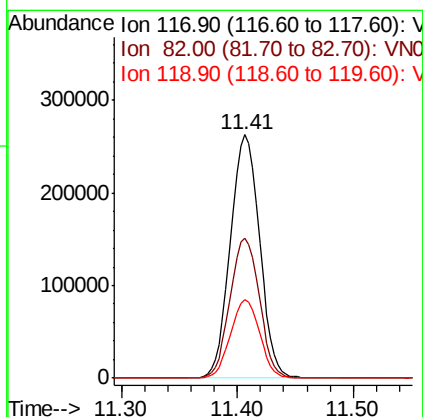
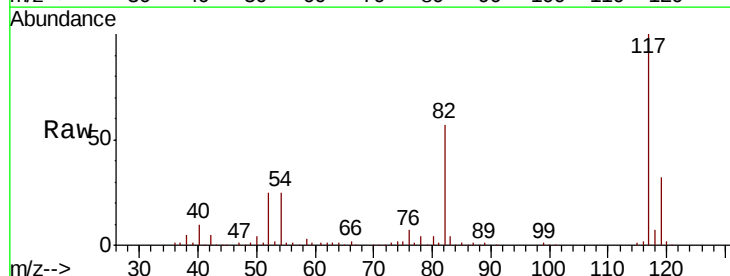
Instrument :
MSVOA_N
ClientSampleId :
TP-1D

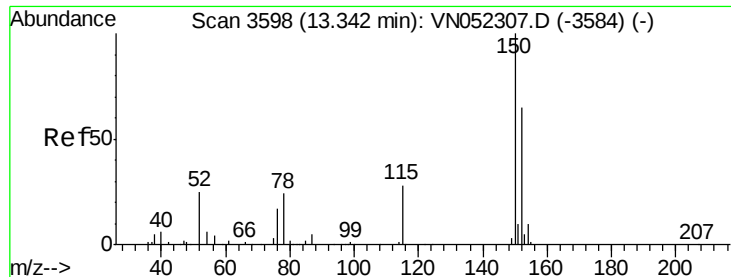
Tot Ion: 95 Resp: 198675
Ion Ratio Lower Upper
95 100
174 77.0 0.0 156.0
176 73.9 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

Tgt Ion: 117 Resp: 457902
Ion Ratio Lower Upper
117 100
82 57.5 46.5 69.7
119 32.1 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampleId :

TP-1D

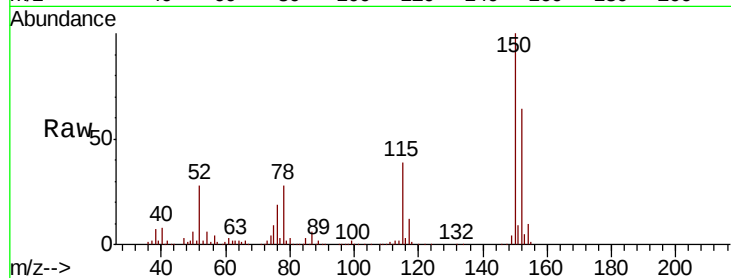
Tot Ion:152 Resp: 172802

Ion Ratio Lower Upper

152 100

115 61.0 30.3 91.0

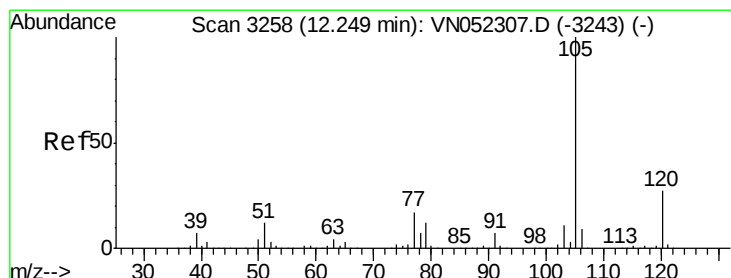
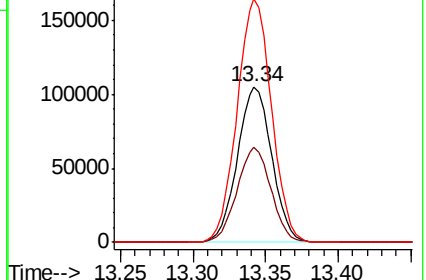
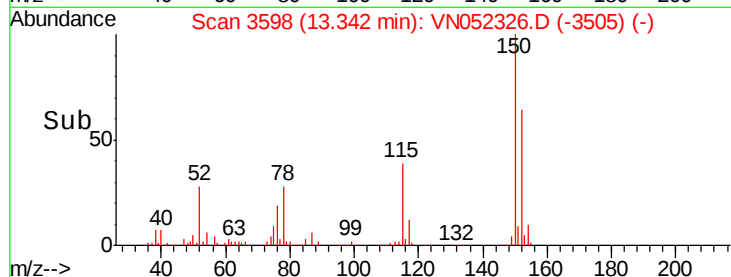
150 156.4 0.0 348.2



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: 2.527 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052326.D

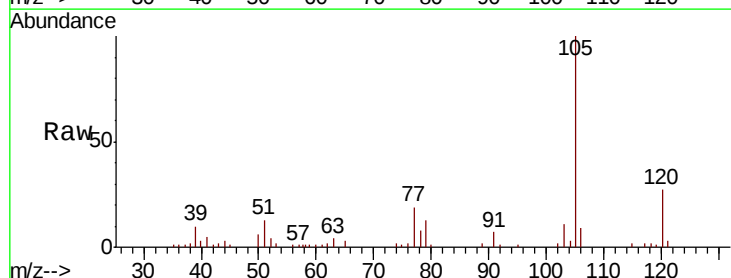
Acq: 14 Nov 2018 21:08

Tgt Ion:105 Resp: 35110

Ion Ratio Lower Upper

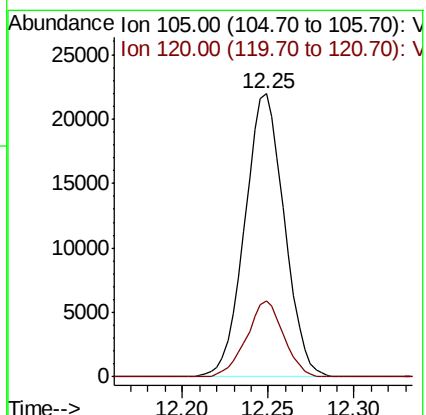
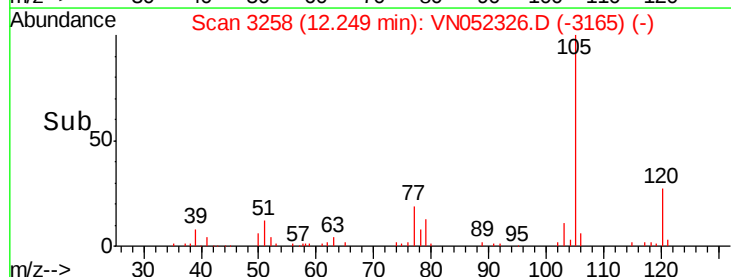
105 100

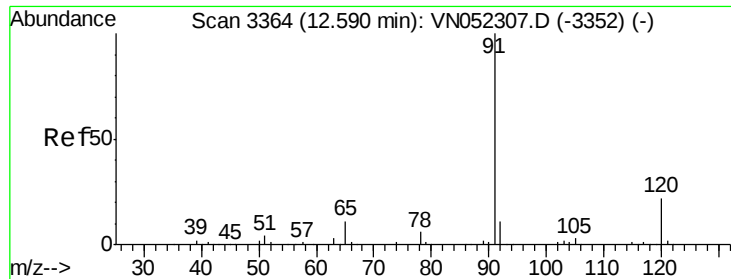
120 24.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

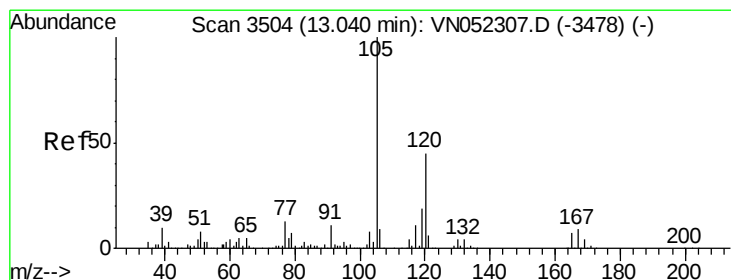
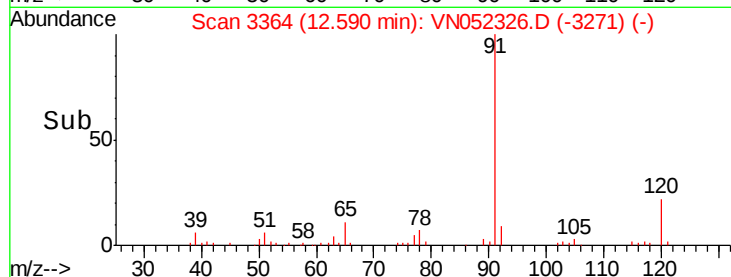
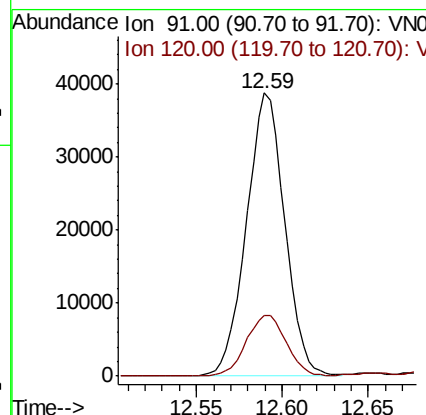
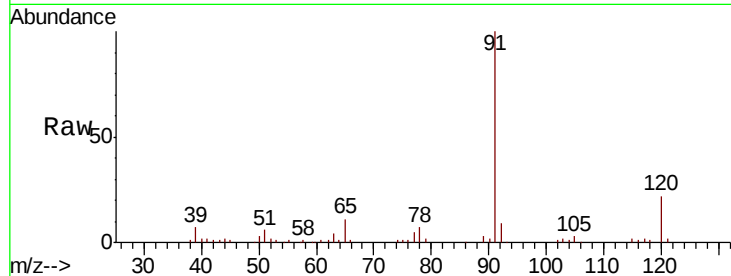




#78
n-propylbenzene
Concen: 3.679 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

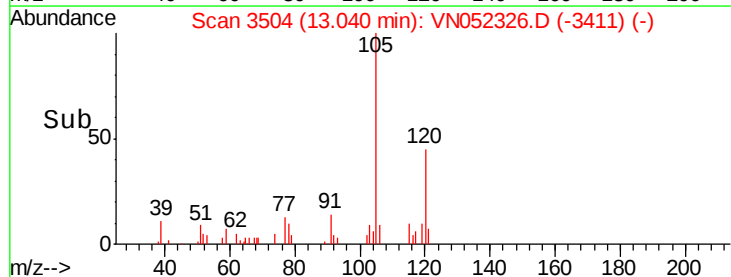
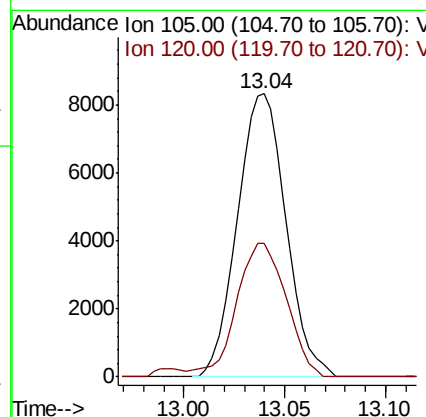
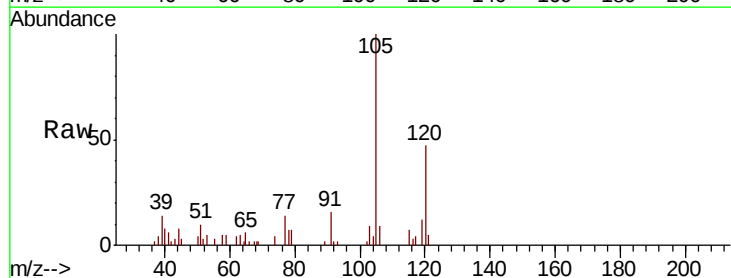
Instrument :
MSVOA_N
ClientSampled :
TP-1D

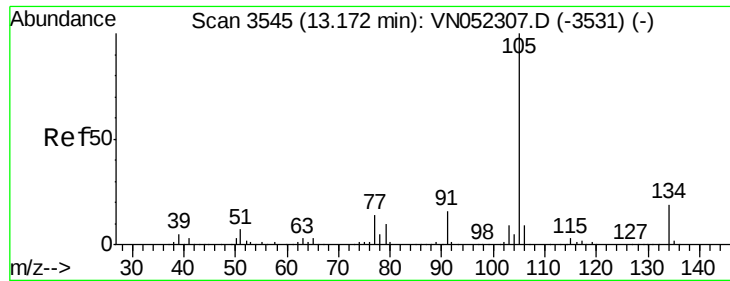
Tot Ion: 91 Resp: 59773
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.1



#84
1,2,4-Trimethylbenzene
Concen: 1.265 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

Tgt Ion: 105 Resp: 14036
Ion Ratio Lower Upper
105 100
120 48.3 22.5 67.5





#85

sec-Butylbenzene

Concen: 3.169 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampled :

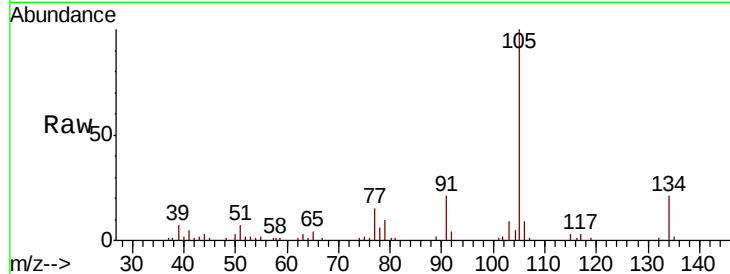
TP-1D

Tot Ion:105 Resp: 42107

Ion Ratio Lower Upper

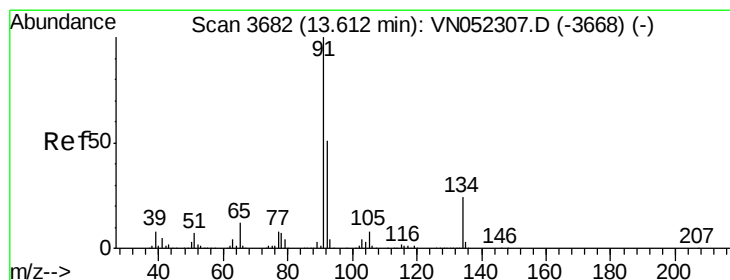
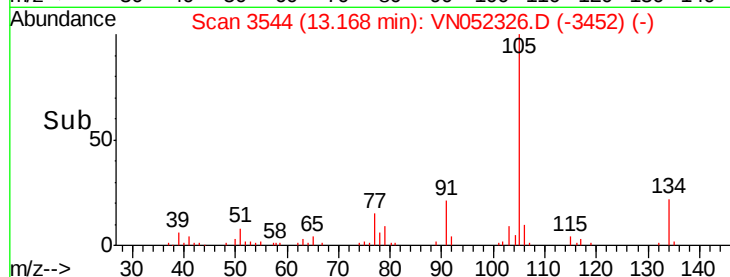
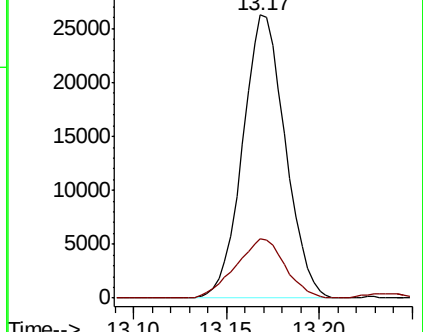
105 100

134 24.1 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 2.416 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

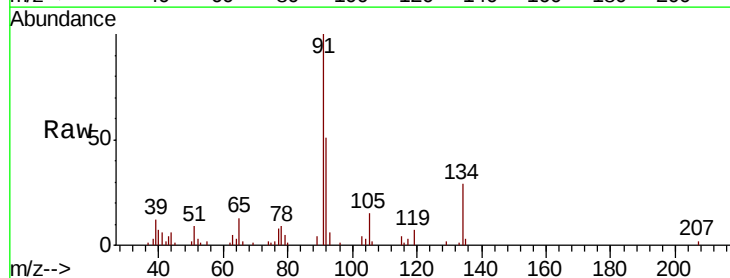
Tgt Ion: 91 Resp: 23355

Ion Ratio Lower Upper

91 100

92 43.7 25.4 76.2

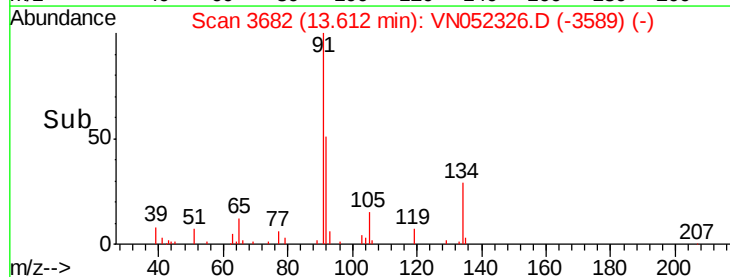
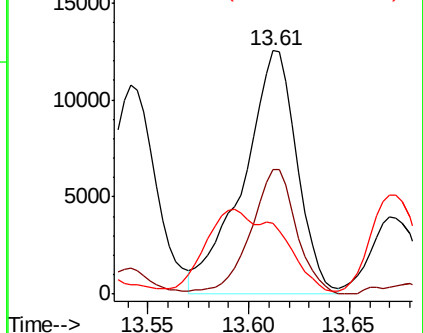
134 0.0 12.2 36.4#

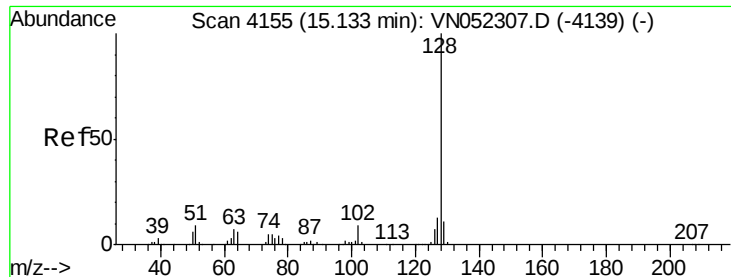


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

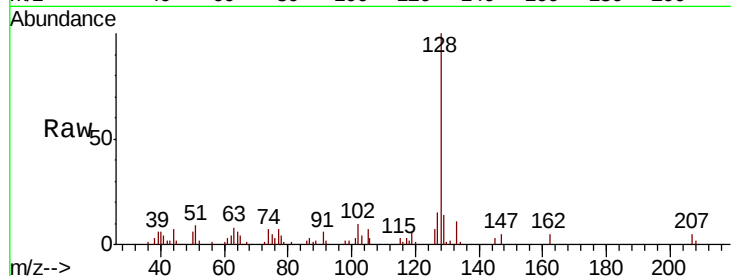




#95
Naphthalene
Concen: 5.823 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

Instrument :
MSVOA_N
ClientSampleId :
TP-1D

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.2	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

