

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061363.D
 Acq On : 8 May 2020 15:46
 Operator : JC/MD
 Sample : L2544-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z3-DUP-0551-200505

Quant Time: May 11 04:12:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

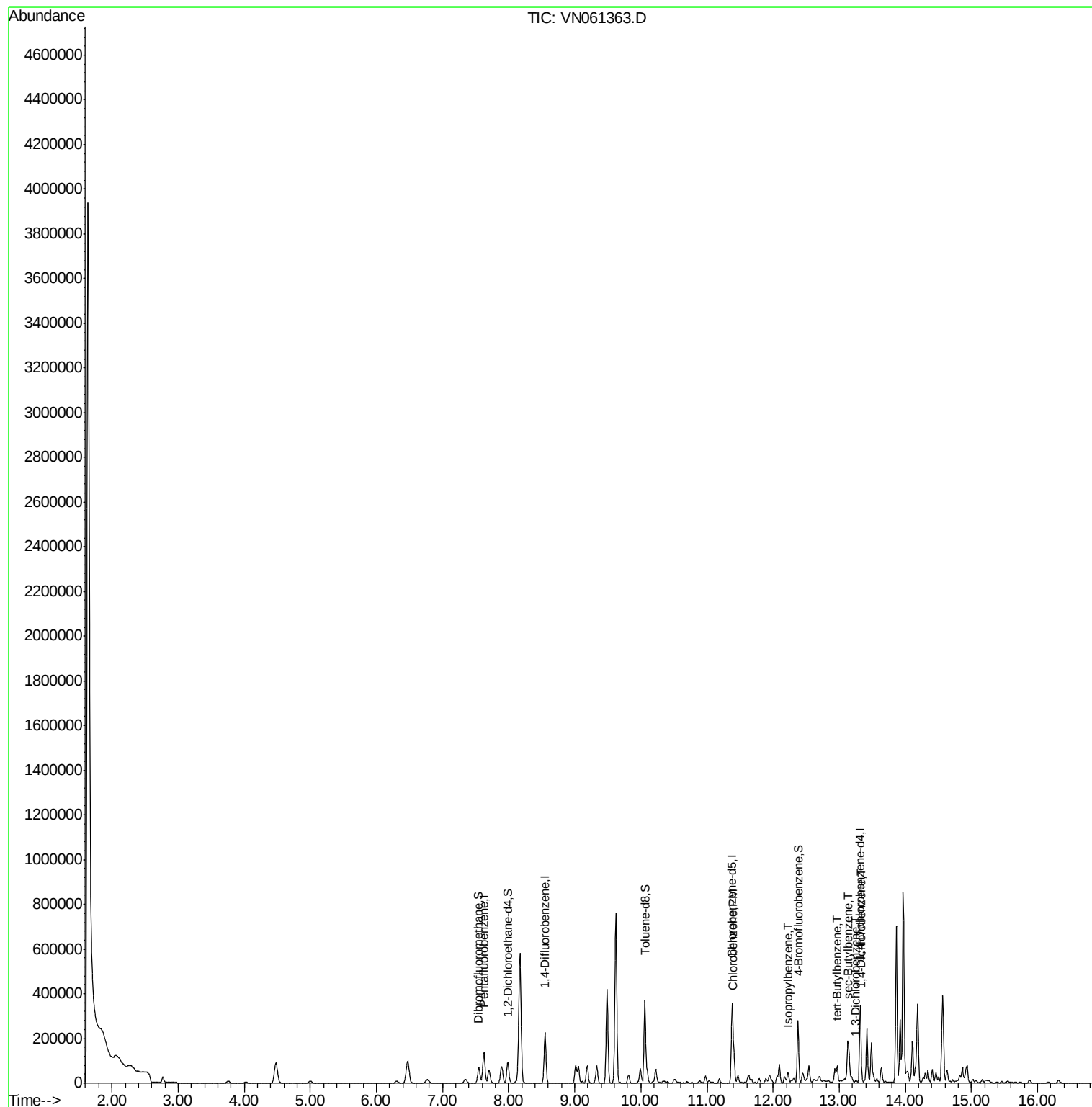
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	103639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	188194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	181588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84796	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	84678	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
35) Dibromofluoromethane	7.55	113	53510	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
50) Toluene-d8	10.06	98	241052	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.38	95	94179	55.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.34%	
Target Compounds						
65) Chlorobenzene	11.41	112	65256	18.116	ug/l	99
73) Isopropylbenzene	12.22	105	26353	4.227	ug/l	100
83) tert-Butylbenzene	12.97	119	33287	7.651	ug/l	93
85) sec-Butylbenzene	13.15	105	72279	12.186	ug/l #	36
87) 1,3-Dichlorobenzene	13.26	146	1336	0.504	ug/l #	66
88) 1,4-Dichlorobenzene	13.34	146	2959	1.093	ug/l #	59

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
Data File : VN061363.D
Acq On : 8 May 2020 15:46
Operator : JC/MD
Sample : L2544-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Z3-DUP-0551-200505

Quant Time: May 11 04:12:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061363.D

Acq: 8 May 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

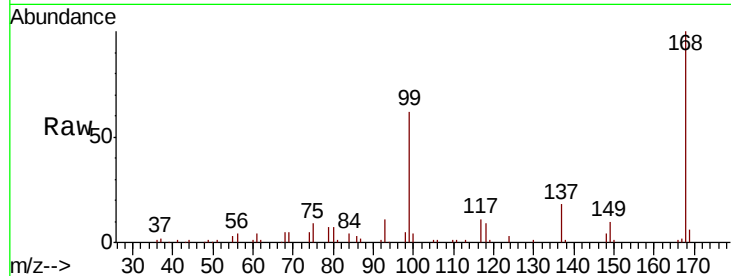
Z3-DUP-0551-200505

Tot Ion:168 Resp: 103639

Ion Ratio Lower Upper

168 100

99 62.3 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

40000

30000

20000

10000

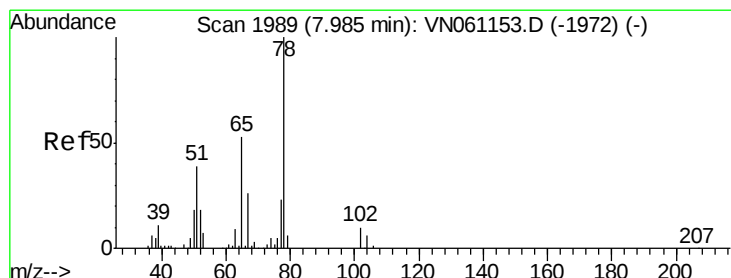
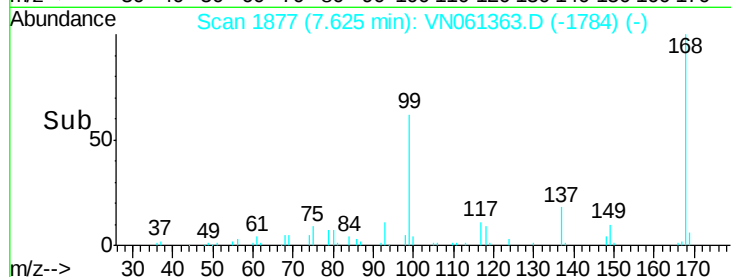
0

Time-->

7.50

7.60

7.70



#33

1,2-Dichloroethane-d4

Concen: 51.636 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061363.D

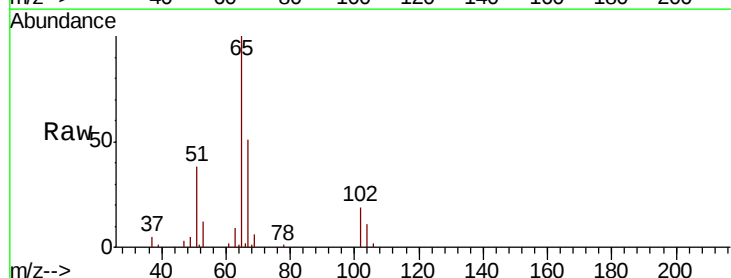
Acq: 8 May 2020 15:46

Tgt Ion: 65 Resp: 84678

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

40000

30000

20000

10000

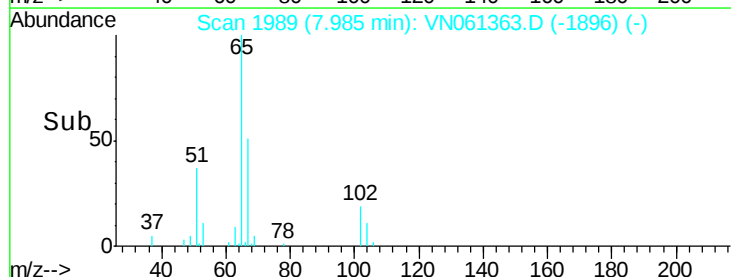
0

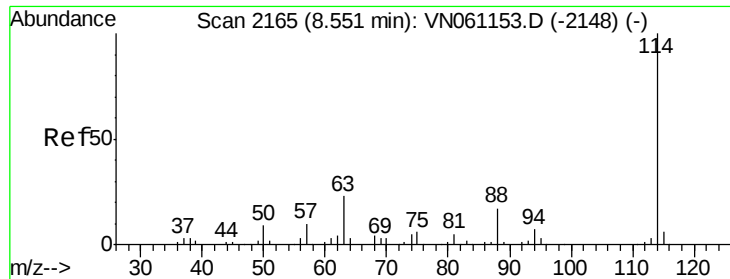
Time-->

7.90

8.00

8.10

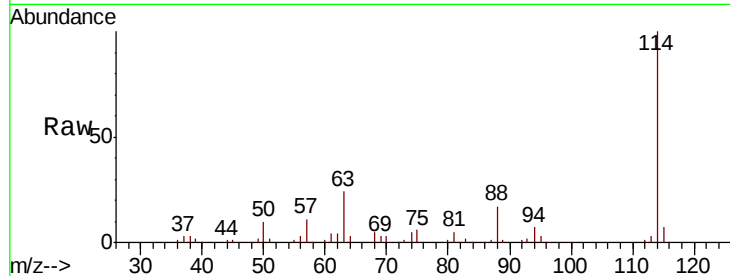




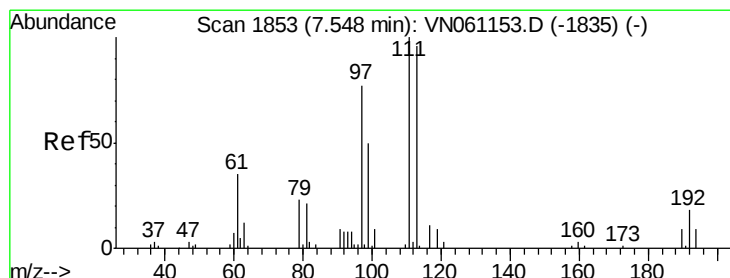
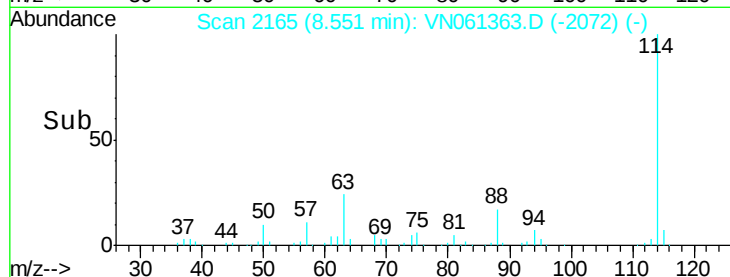
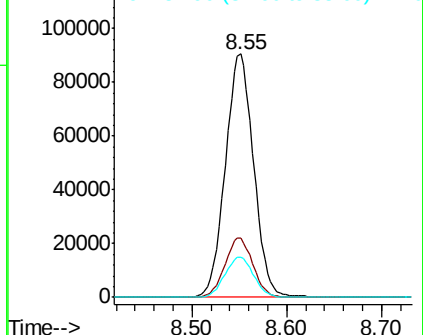
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061363.D
 Acq: 8 May 2020 15:46

Instrument :
 MSVOA_N
 ClientSampleId :
 Z3-DUP-0551-200505

Tot Ion:114 Resp: 188194
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.6
 88 16.6 0.0 33.4

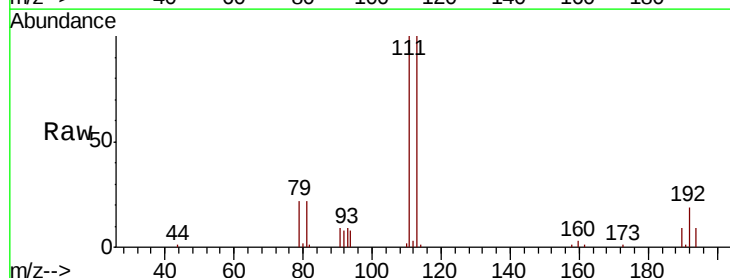


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

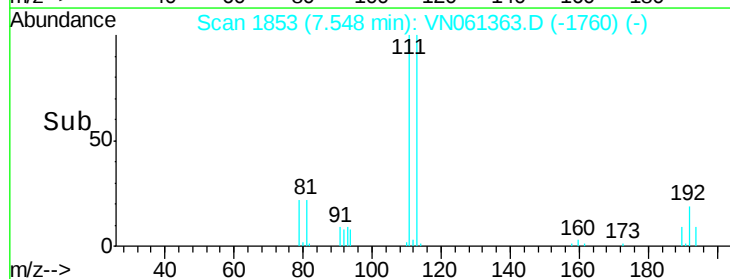
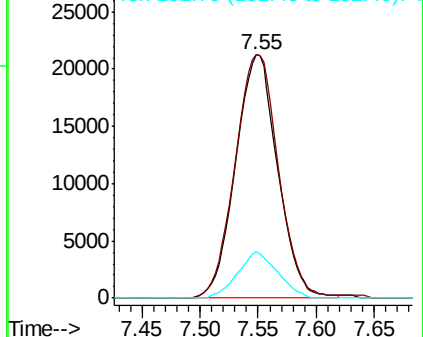


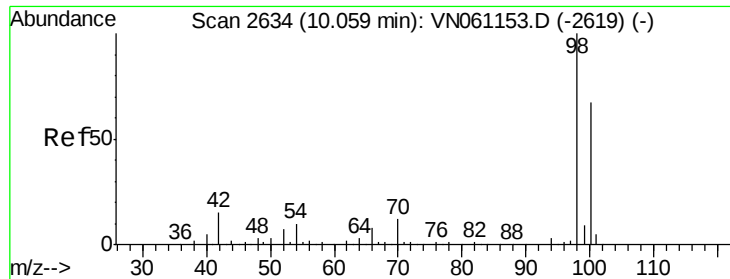
#35
 Dibromofluoromethane
 Concen: 48.084 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061363.D
 Acq: 8 May 2020 15:46

Tgt Ion:113 Resp: 53510
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 18.0 14.7 22.1



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: 53.136 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061363.D

Acq: 8 May 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

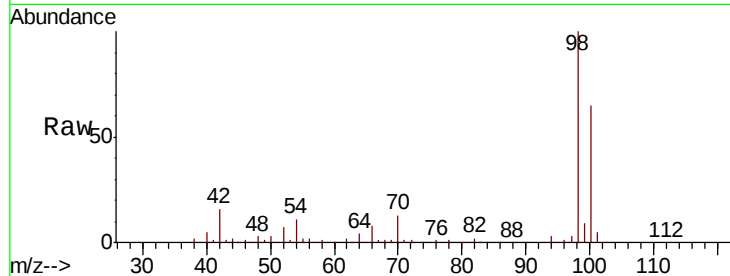
Z3-DUP-0551-200505

Tot Ion: 98 Resp: 241052

Ion Ratio Lower Upper

98 100

100 64.6 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

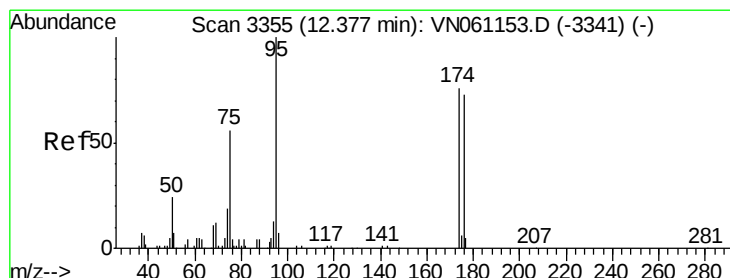
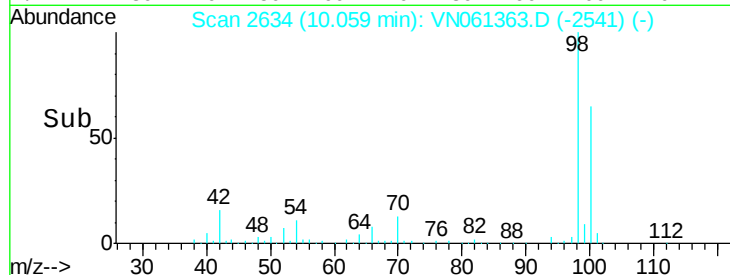
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.167 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061363.D

Acq: 8 May 2020 15:46

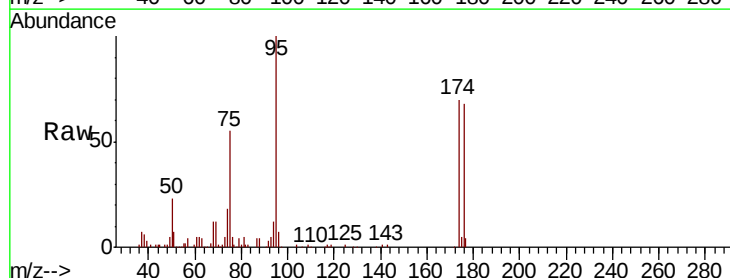
Tgt Ion: 95 Resp: 94179

Ion Ratio Lower Upper

95 100

174 70.3 0.0 149.4

176 68.2 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

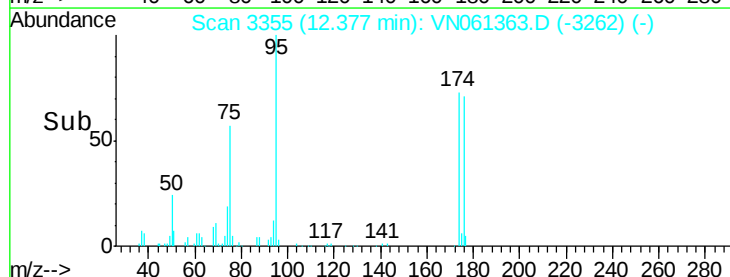
60000

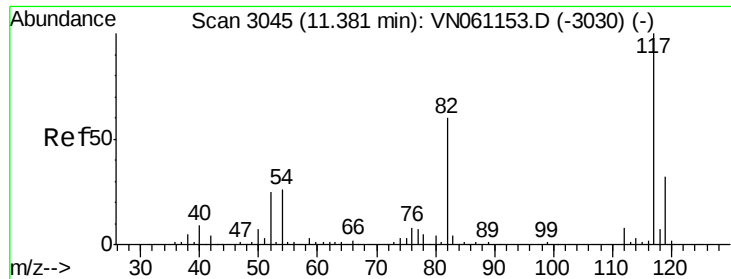
40000

20000

0

Time-->

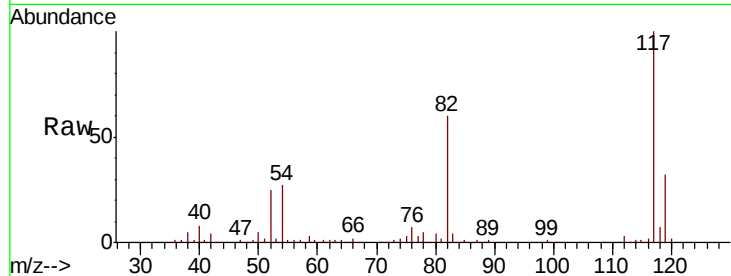




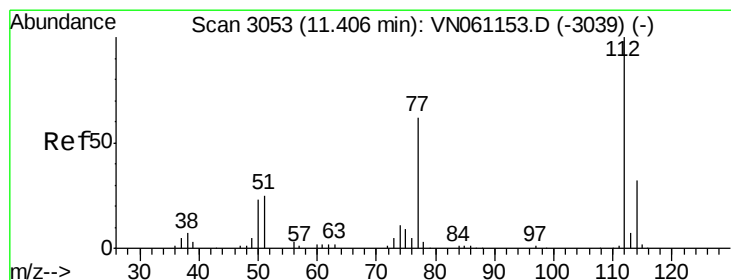
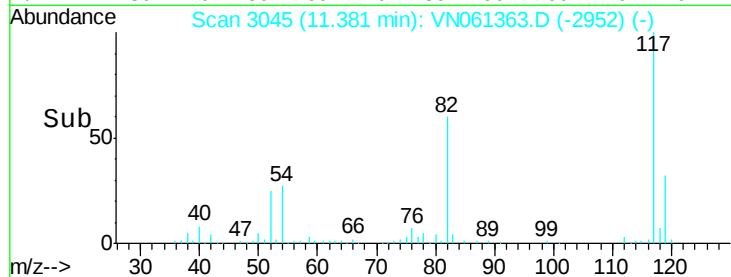
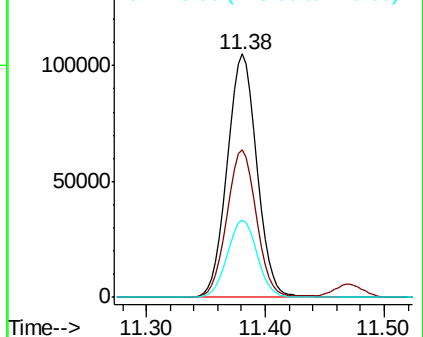
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061363.D
Acq: 8 May 2020 15:46

Instrument :
MSVOA_N
ClientSampleId :
Z3-DUP-0551-200505

Tot Ion:117 Resp: 181588
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 31.9 25.8 38.6

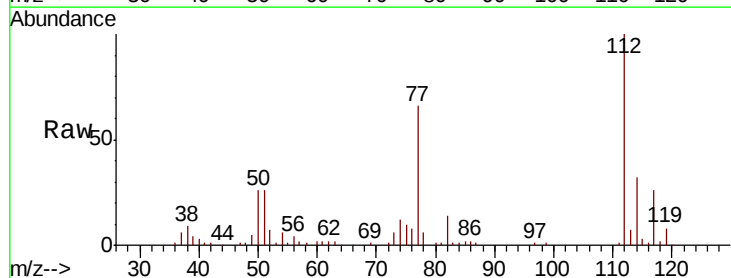


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

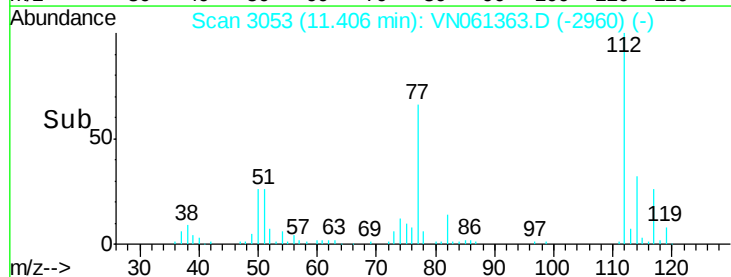
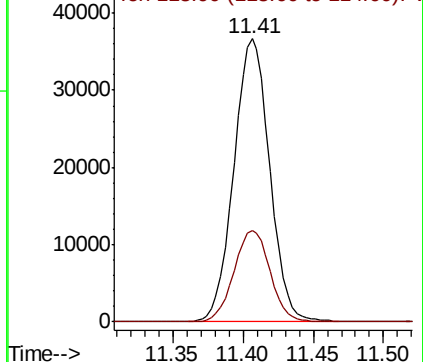


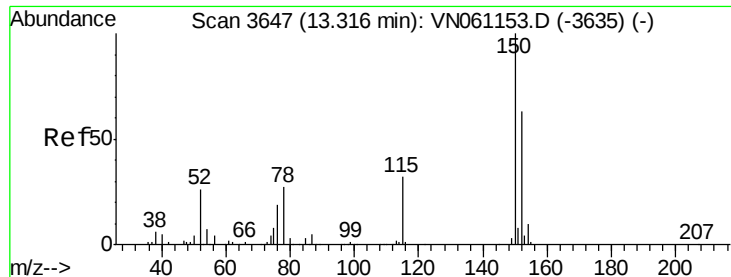
#65
Chlorobenzene
Concen: 18.116 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061363.D
Acq: 8 May 2020 15:46

Tgt Ion:112 Resp: 65256
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061363.D

Acq: 8 May 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

Z3-DUP-0551-200505

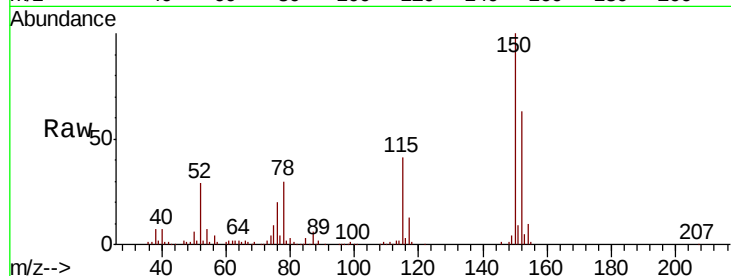
Tot Ion:152 Resp: 84796

Ion Ratio Lower Upper

152 100

115 63.7 31.0 93.0

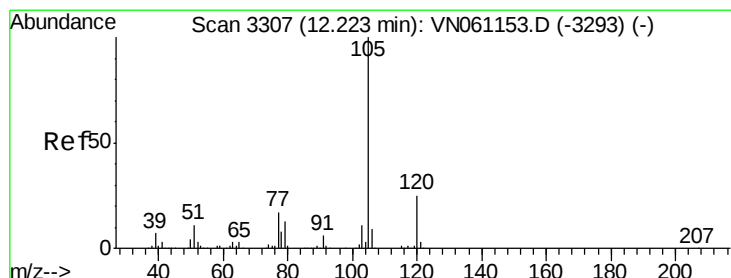
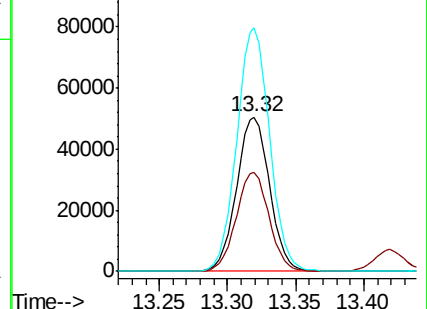
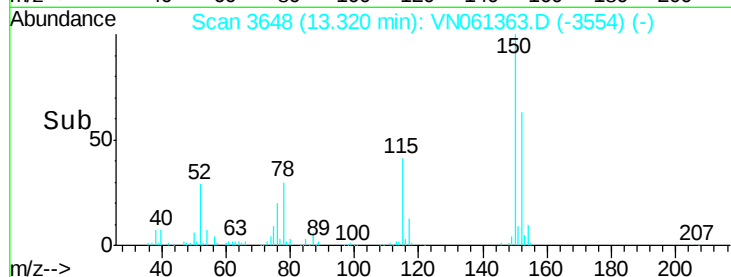
150 157.2 0.0 351.8



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: 4.227 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061363.D

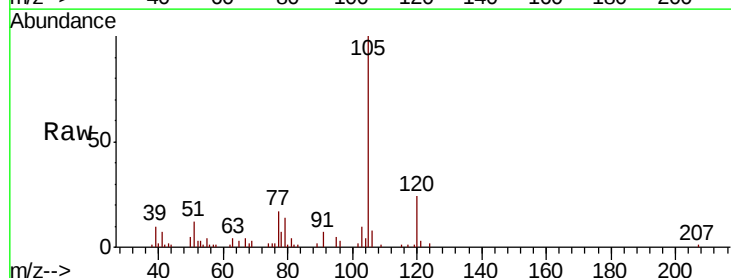
Acq: 8 May 2020 15:46

Tgt Ion:105 Resp: 26353

Ion Ratio Lower Upper

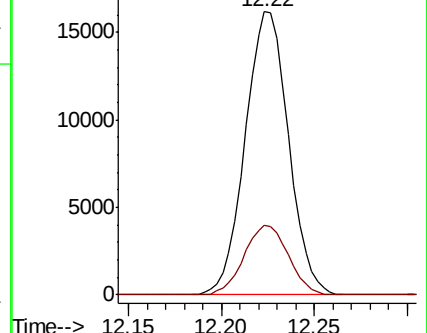
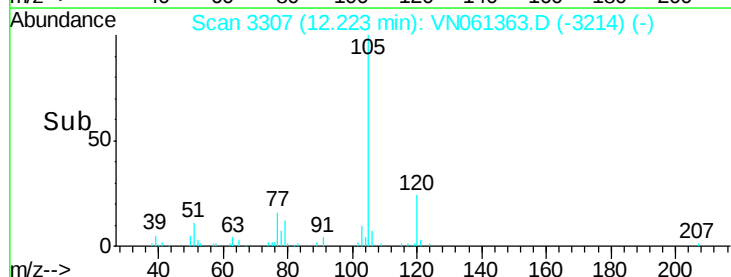
105 100

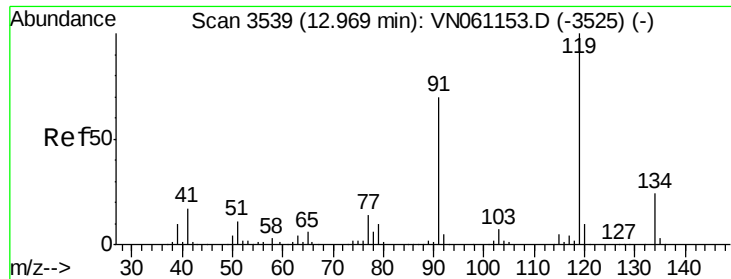
120 25.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

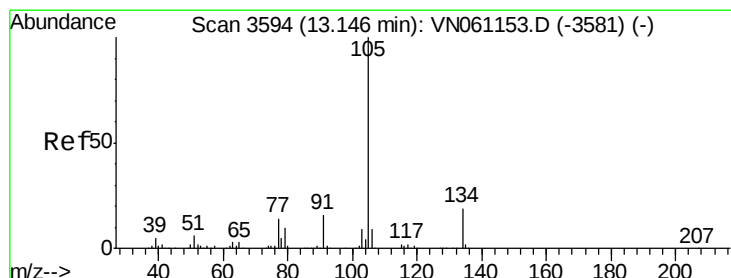
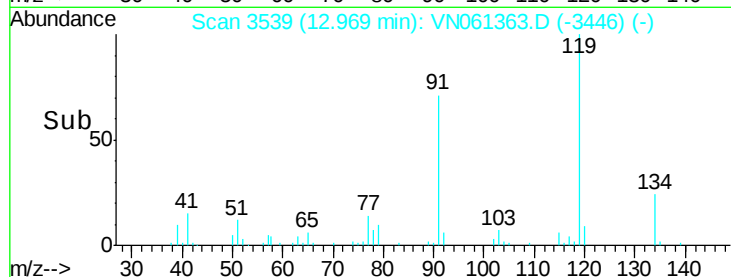
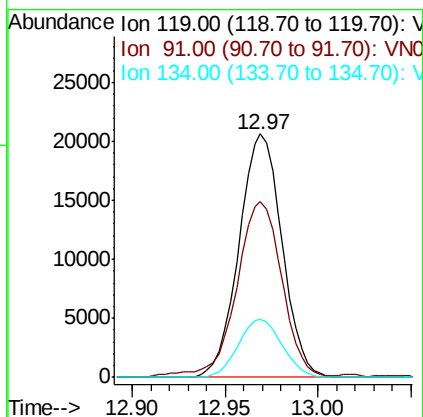
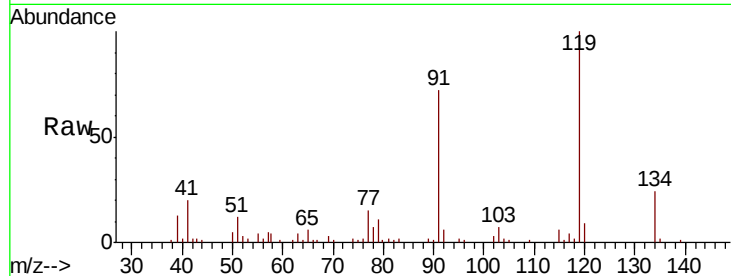




#83
tert-Butylbenzene
Concen: 7.651 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061363.D
Acq: 8 May 2020 15:46

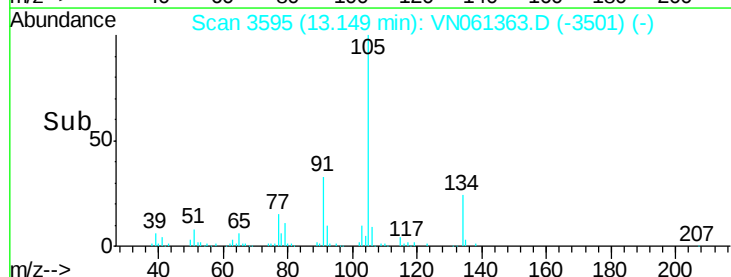
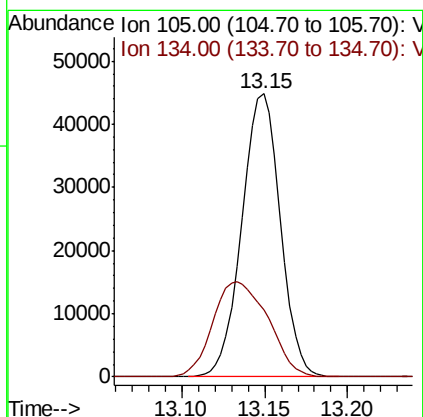
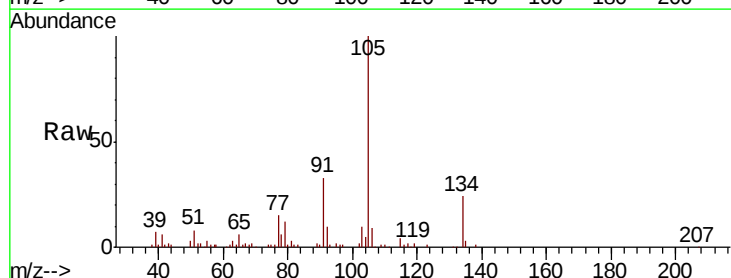
Instrument :
MSVOA_N
ClientSampleId :
Z3-DUP-0551-200505

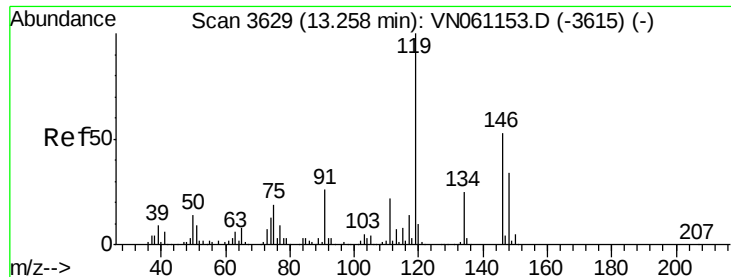
Tot Ion:119 Resp: 33287
Ion Ratio Lower Upper
119 100
91 76.4 34.8 104.4
134 24.1 12.9 38.7



#85
sec-Butylbenzene
Concen: 12.186 ug/l
RT: 13.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VN061363.D
Acq: 8 May 2020 15:46

Tgt Ion:105 Resp: 72279
Ion Ratio Lower Upper
105 100
134 48.1 9.6 28.8#

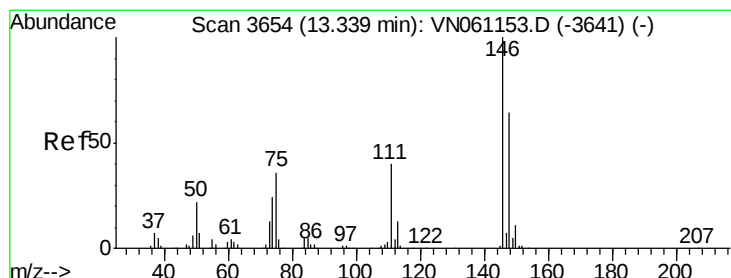
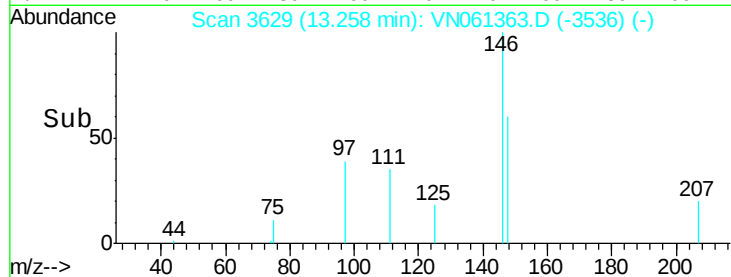
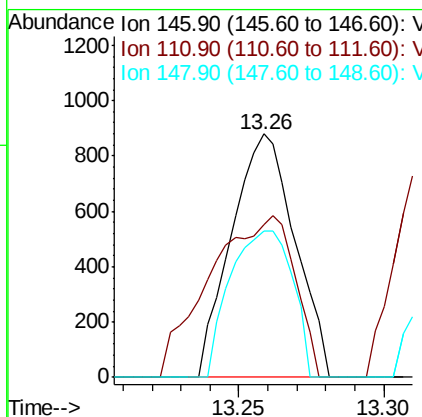
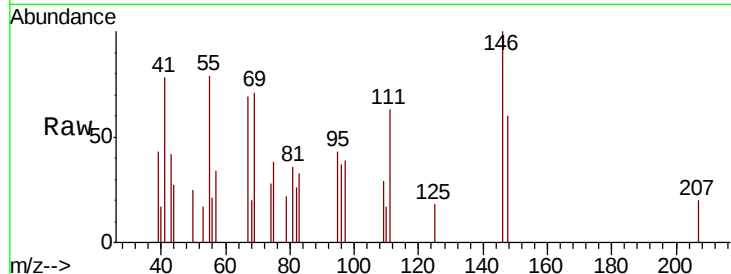




#87
 1,3-Dichlorobenzene
 Concen: 0.504 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061363.D
 Acq: 8 May 2020 15:46

Instrument :
 MSVOA_N
 ClientSampleId :
 Z3-DUP-0551-200505

Tot Ion:146 Resp: 1336
 Ion Ratio Lower Upper
 146 100
 111 89.1 20.7 62.1#
 148 58.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 1.093 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061363.D
 Acq: 8 May 2020 15:46

Tgt Ion:146 Resp: 2959
 Ion Ratio Lower Upper
 146 100
 111 95.4 20.4 61.3#
 148 72.4 31.9 95.7

