

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
 Data File : VN061505.D
 Acq On : 20 May 2020 17:03
 Operator : JC/MD
 Sample : L2645-06DL2 200X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-051320DL2

Quant Time: May 21 07:57:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	276587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	502957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	492584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217086	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	185227	44.87	ug/l	0.00
Spiked Amount			Recovery	=	89.74%	
35) Dibromofluoromethane	7.55	113	144043	54.67	ug/l	0.00
Spiked Amount			Recovery	=	109.34%	
50) Toluene-d8	10.06	98	625620	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.37	95	237945	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	

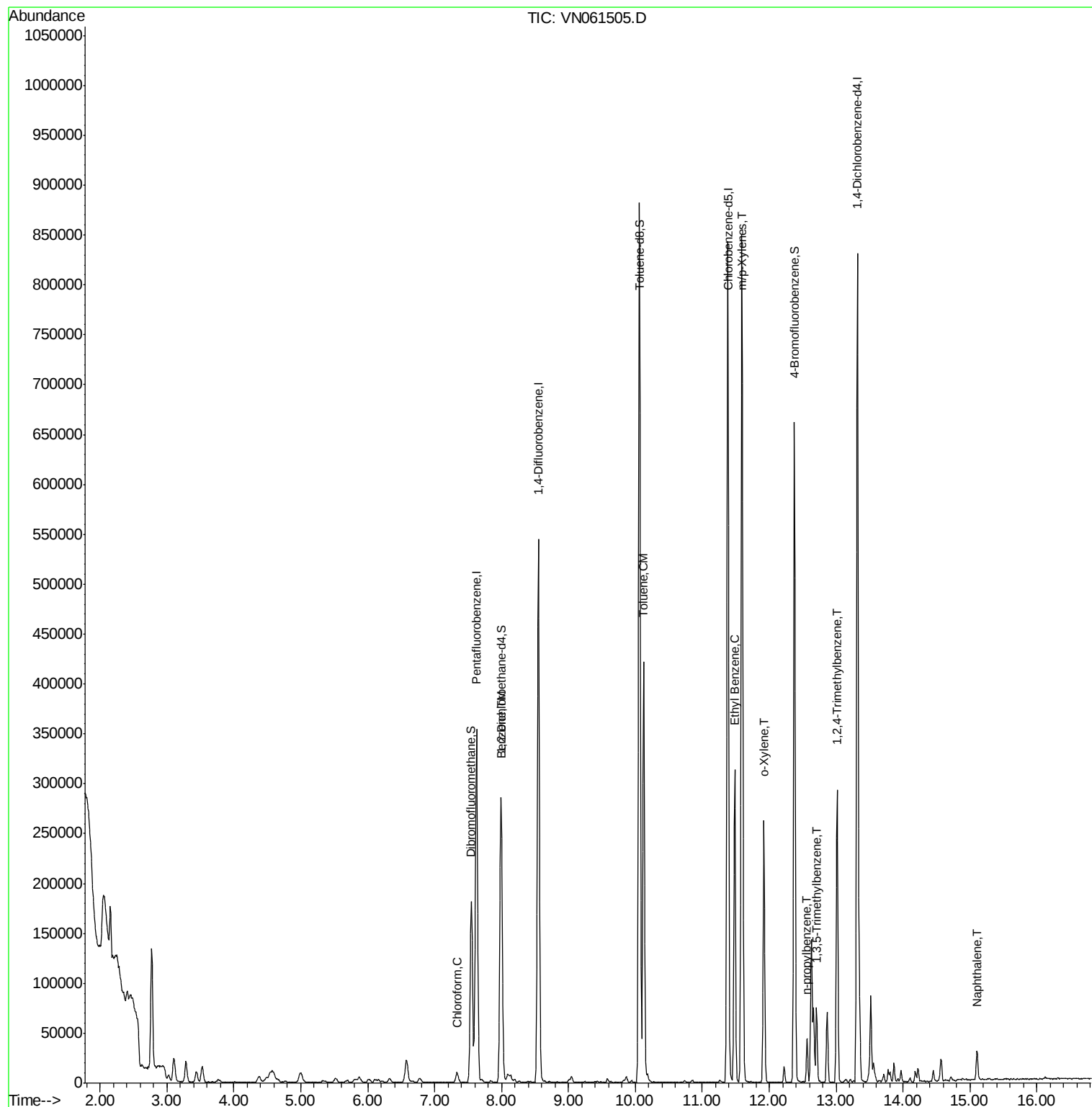
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Chloroform	7.33	83	8395	1.329	ug/l	87
40) Benzene	8.00	78	113430	8.003	ug/l	98
52) Toluene	10.12	92	196299	21.574	ug/l	97
67) Ethyl Benzene	11.48	91	235274	12.831	ug/l	96
68) m/p-Xylenes	11.59	106	285902	41.079	ug/l	97
69) o-Xylene	11.92	106	74368	11.042	ug/l	99
78) n-propylbenzene	12.56	91	35952	1.811	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	40646	2.848	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	169386	11.861	ug/l	100
95) Naphthalene	15.10	128	27079	2.366	ug/l	98

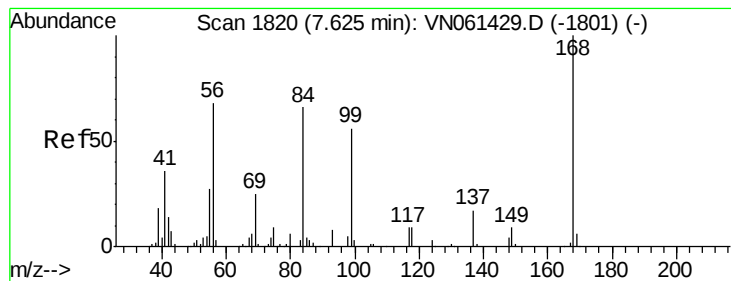
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052020\
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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampled :

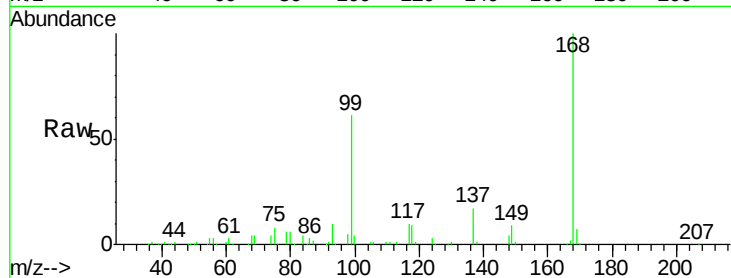
DUP-051320DL2

Tot Ion:168 Resp: 276587

Ion Ratio Lower Upper

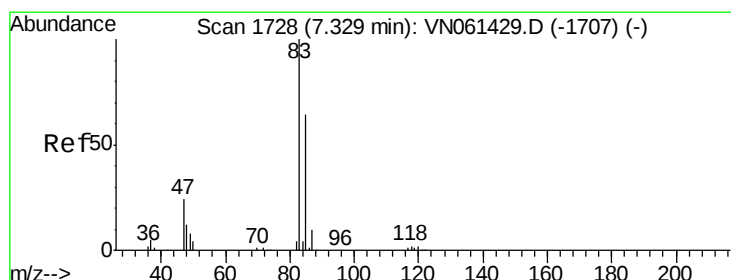
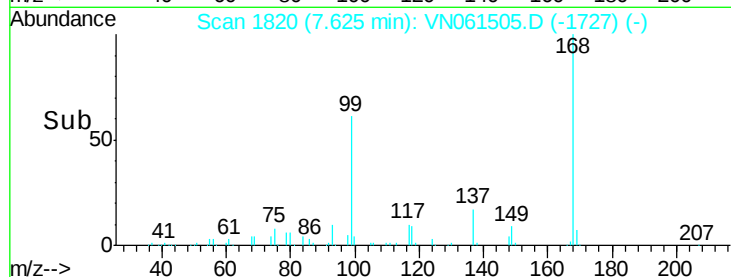
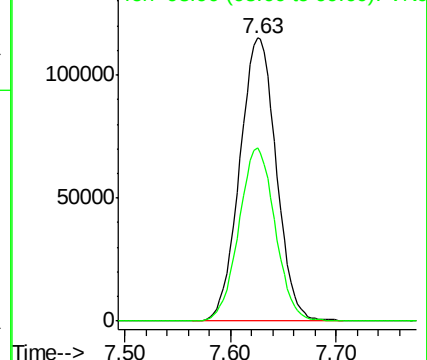
168 100

99 61.2 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#30

Chloroform

Concen: 1.329 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN061505.D

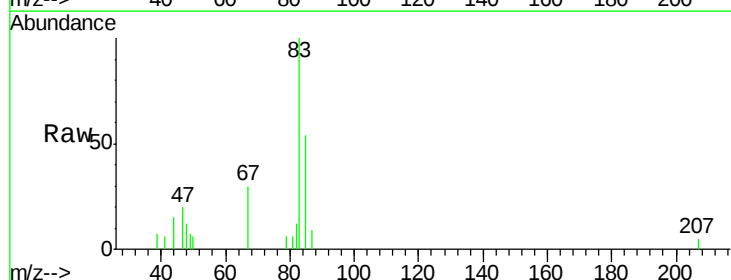
Acq: 20 May 2020 17:03

Tgt Ion: 83 Resp: 8395

Ion Ratio Lower Upper

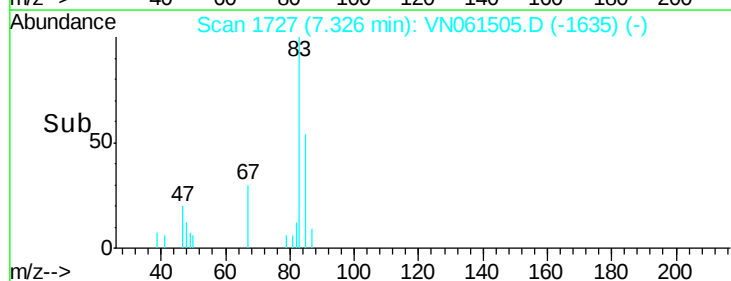
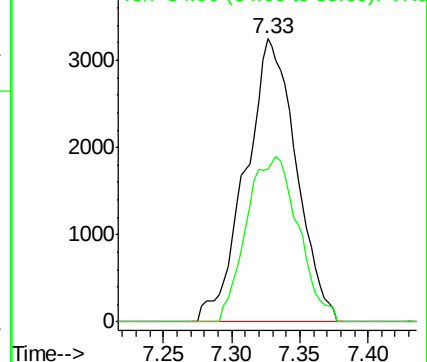
83 100

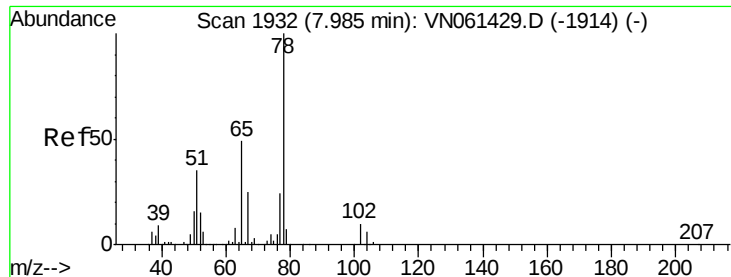
85 53.8 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

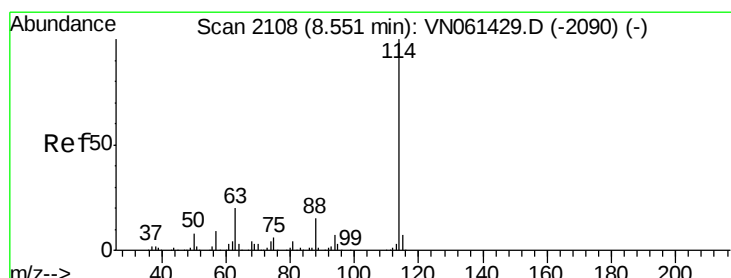
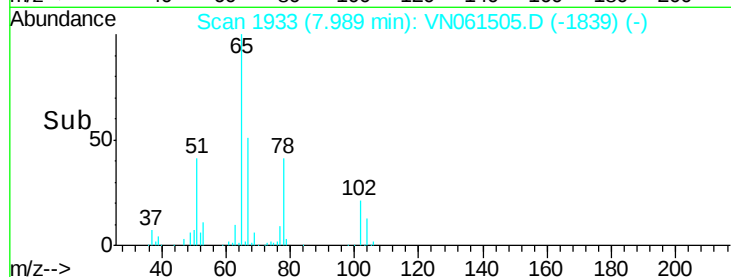
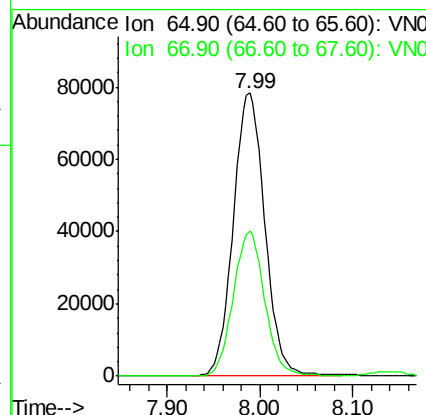
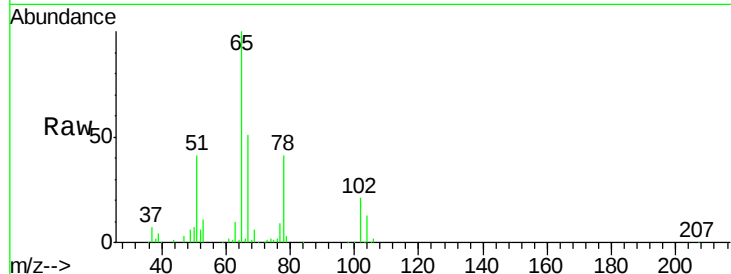




#33
 1,2-Dichloroethane-d4
 Concen: 44.872 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061505.D
 Acq: 20 May 2020 17:03

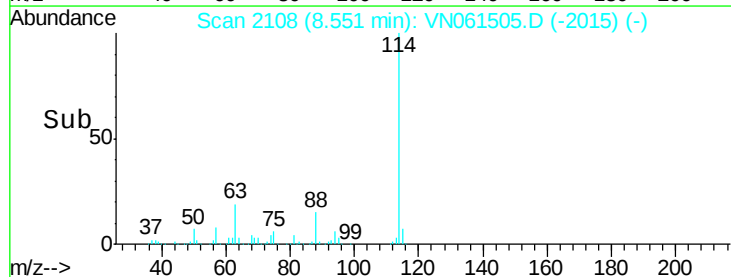
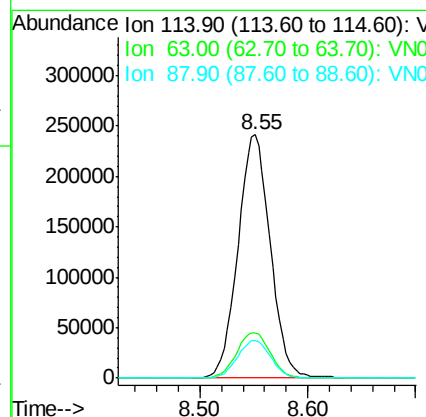
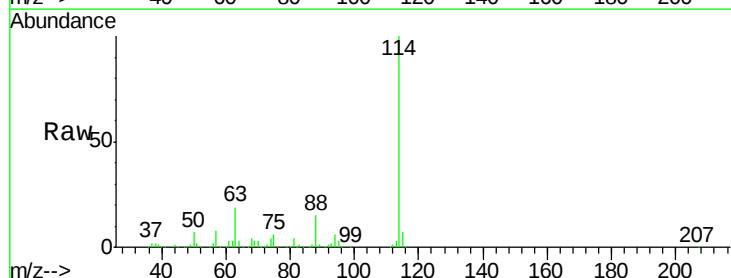
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-051320DL2

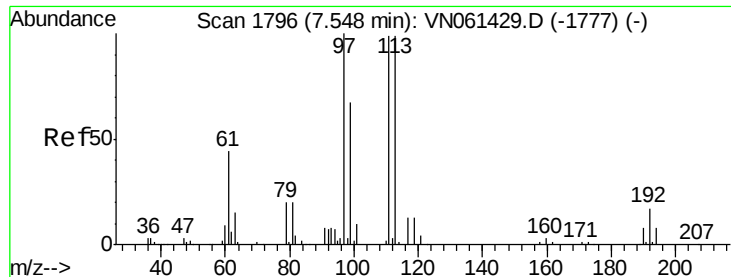
Tot Ion: 65 Resp: 185227
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061505.D
 Acq: 20 May 2020 17:03

Tgt Ion: 114 Resp: 502957
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.8
 88 15.5 0.0 30.8

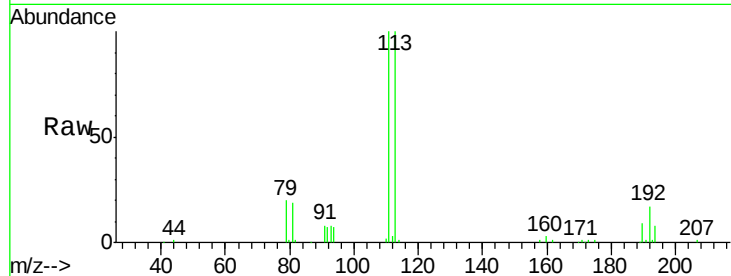




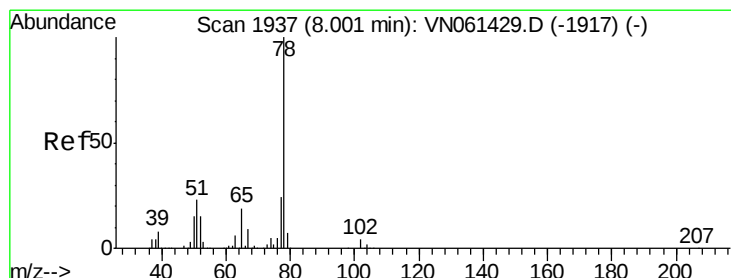
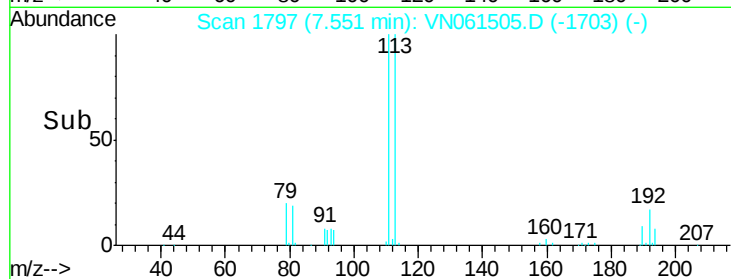
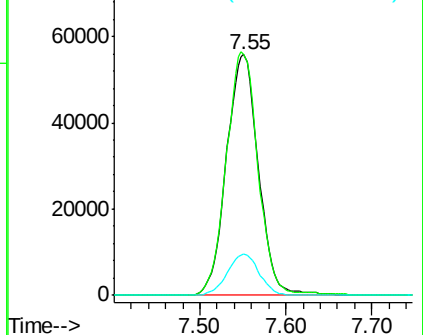
#35
 Dibromofluoromethane
 Concen: 54.668 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061505.D
 Acq: 20 May 2020 17:03

Instrument :
 MSVOA_N
 ClientSampled :
 DUP-051320DL2

Tot Ion:113 Resp: 144043
 Ion Ratio Lower Upper
 113 100
 111 100.9 80.6 121.0
 192 17.1 13.2 19.8

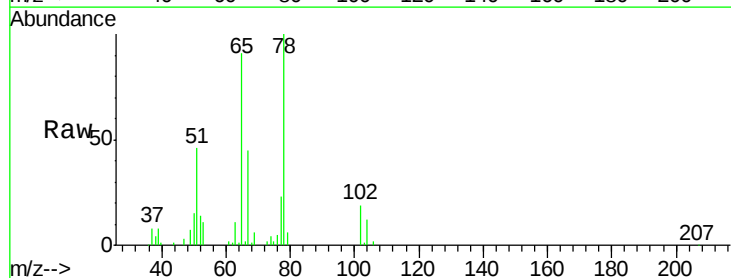


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

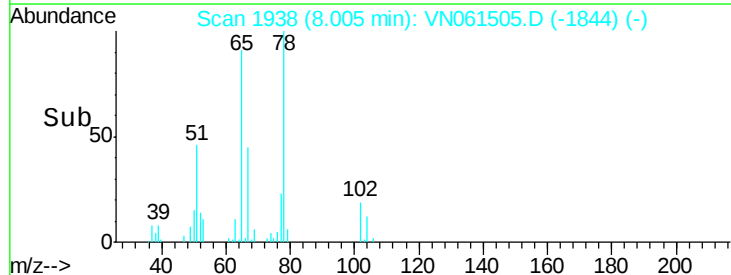
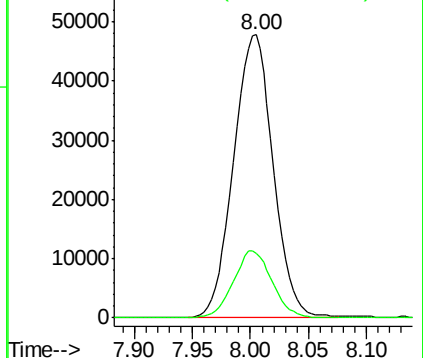


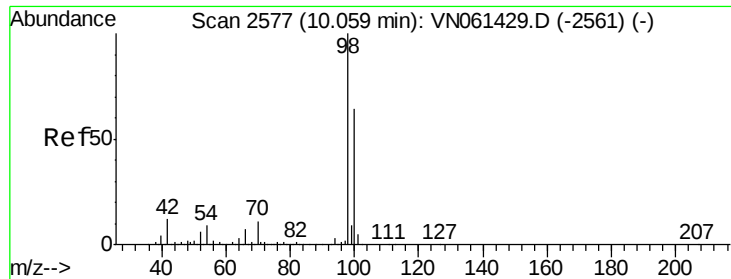
#40
 Benzene
 Concen: 8.003 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN061505.D
 Acq: 20 May 2020 17:03

Tgt Ion: 78 Resp: 113430
 Ion Ratio Lower Upper
 78 100
 77 23.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): V
 Ion 77.00 (76.70 to 77.70): V





#50

Toluene-d8

Concen: 51.192 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

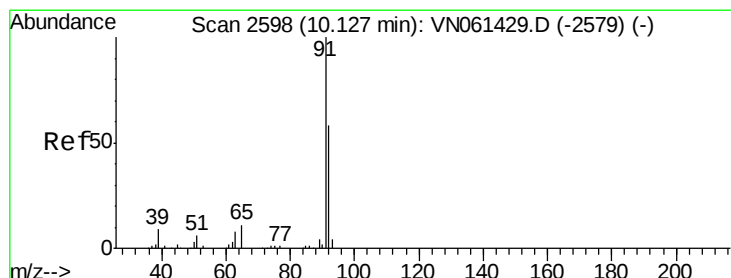
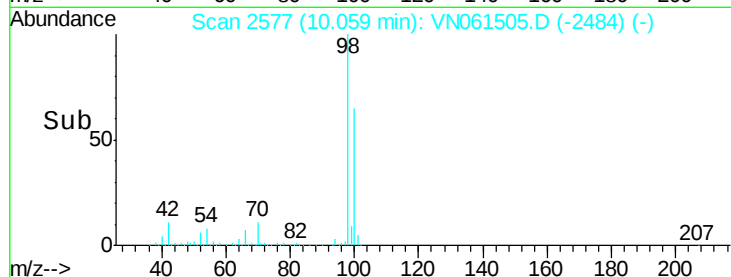
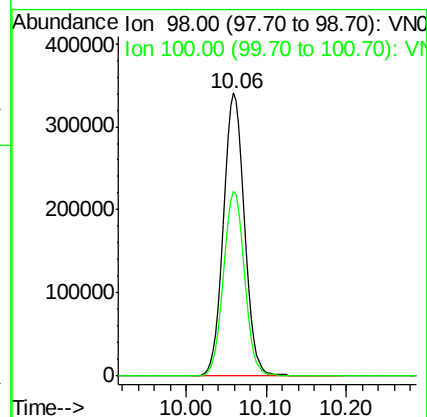
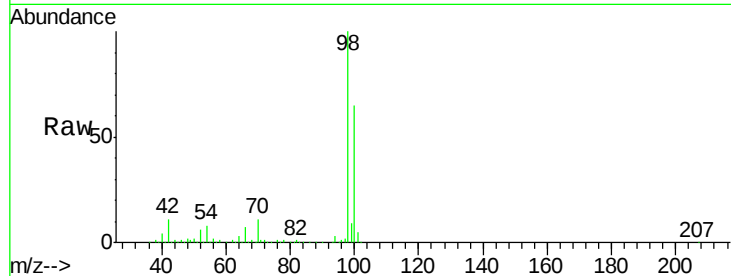
DUP-051320DL2

Tot Ion: 98 Resp: 625620

Ion Ratio Lower Upper

98 100

100 65.2 51.8 77.8



#52

Toluene

Concen: 21.574 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061505.D

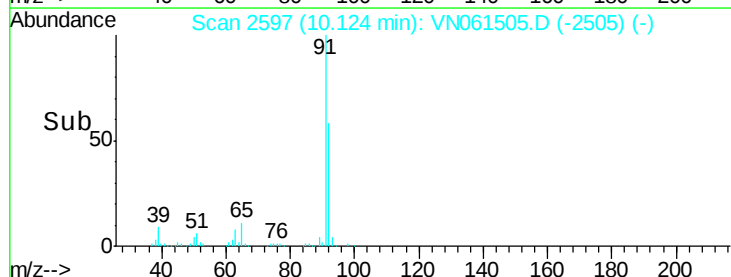
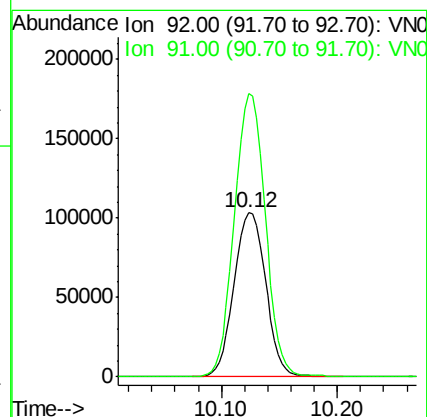
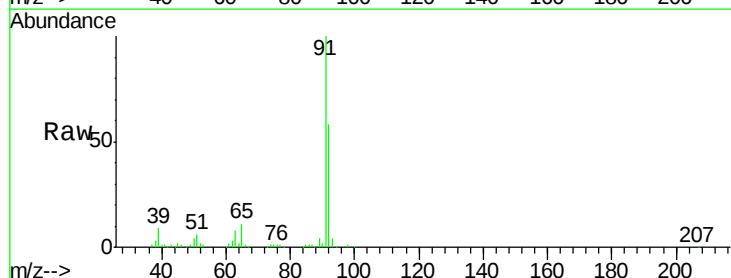
Acq: 20 May 2020 17:03

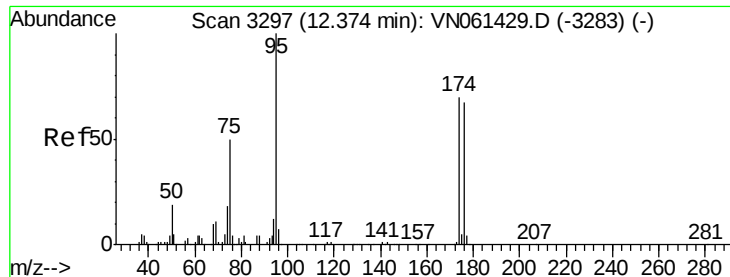
Tgt Ion: 92 Resp: 196299

Ion Ratio Lower Upper

92 100

91 168.8 138.0 207.0





#62

4-Bromofluorobenzene

Concen: 52.114 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampled :

DUP-051320DL2

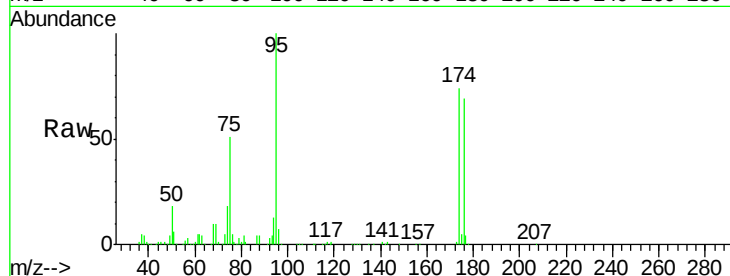
Tot Ion: 95 Resp: 237945

Ion Ratio Lower Upper

95 100

174 74.7 0.0 141.2

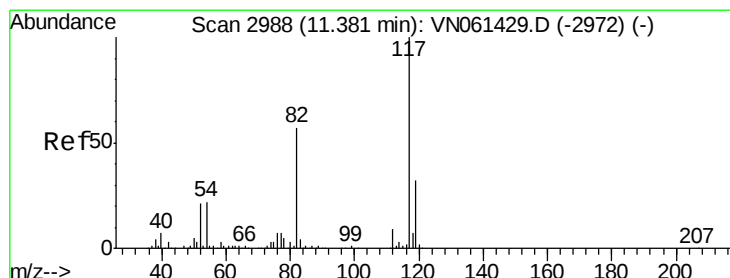
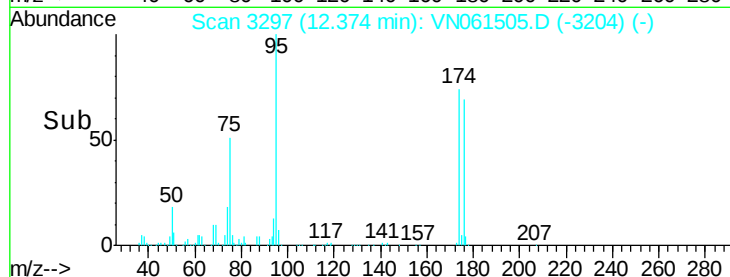
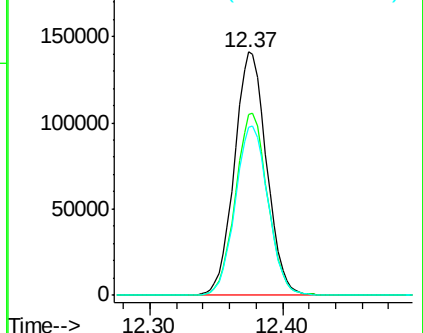
176 71.0 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

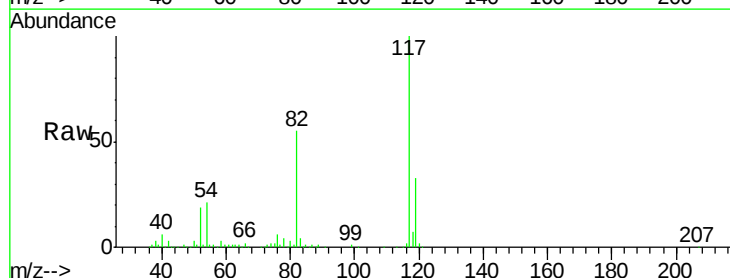
Tgt Ion: 117 Resp: 492584

Ion Ratio Lower Upper

117 100

82 55.0 45.2 67.8

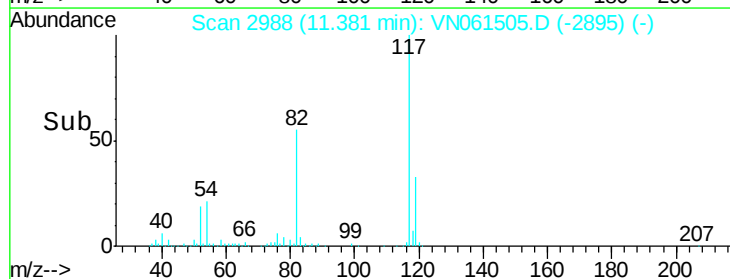
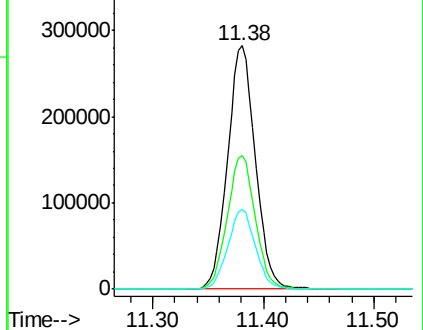
119 32.8 25.3 37.9

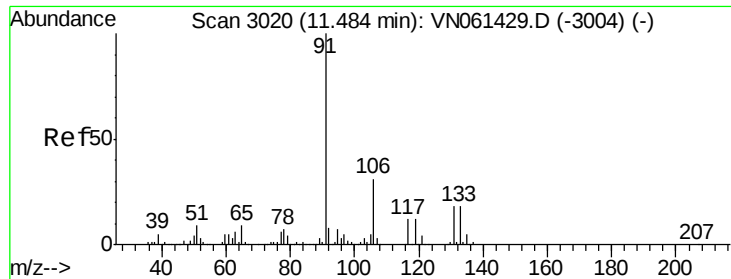


Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN061429.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN061429.D (-2972) (-)





#67

Ethyl Benzene

Concen: 12.831 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061505.D

Acq: 20 May 2020 17:03

Instrument :

MSVOA_N

ClientSampled :

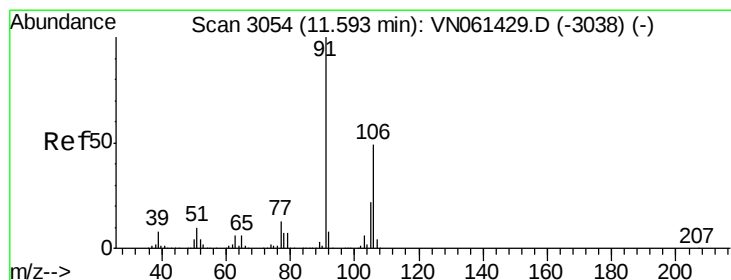
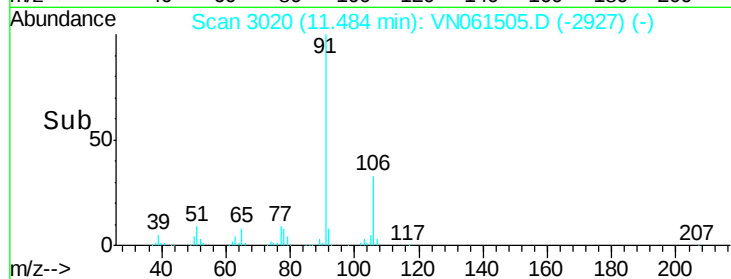
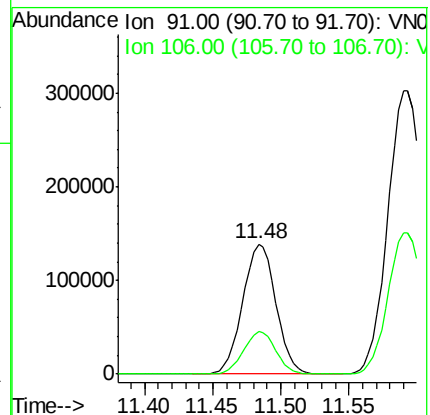
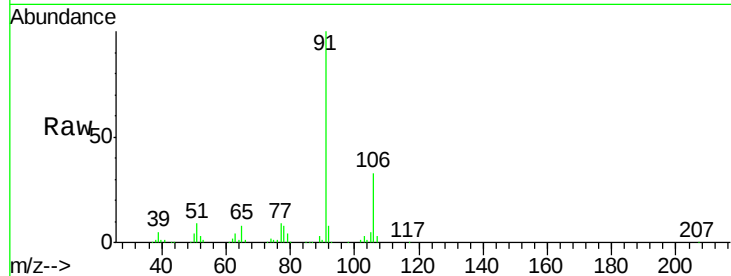
DUP-051320DL2

Tot Ion: 91 Resp: 235274

Ion Ratio Lower Upper

91 100

106 32.6 24.6 36.8



#68

m/p-Xylenes

Concen: 41.079 ug/l

RT: 11.59 min Scan# 3053

Delta R.T. -0.00 min

Lab File: VN061505.D

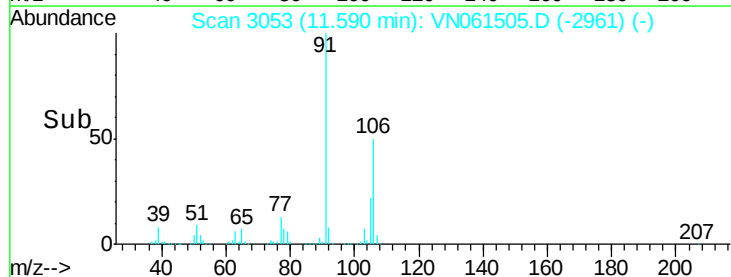
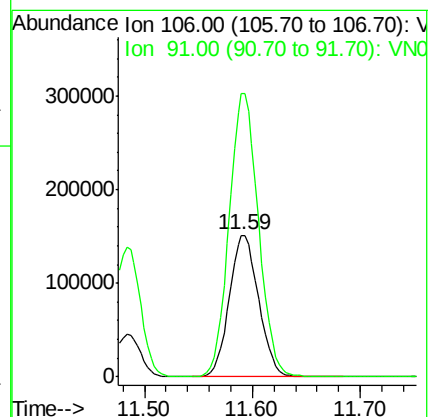
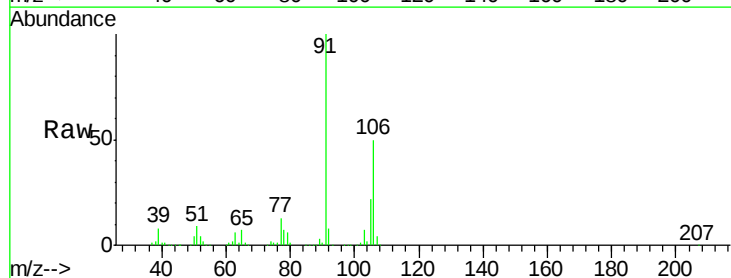
Acq: 20 May 2020 17:03

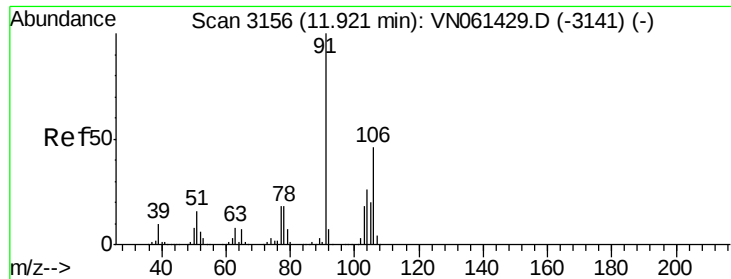
Tgt Ion: 106 Resp: 285902

Ion Ratio Lower Upper

106 100

91 199.6 163.0 244.6

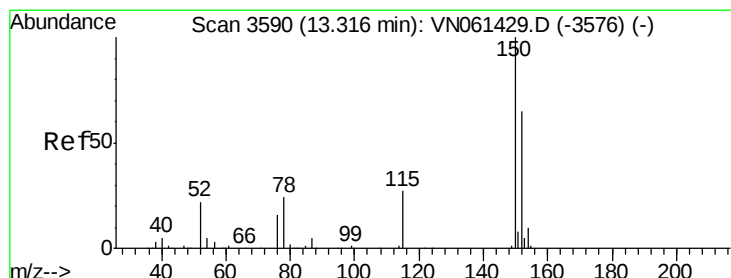
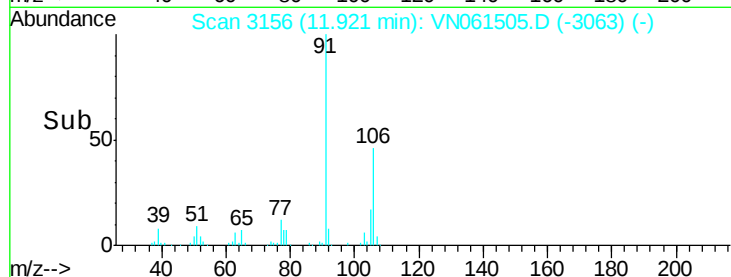
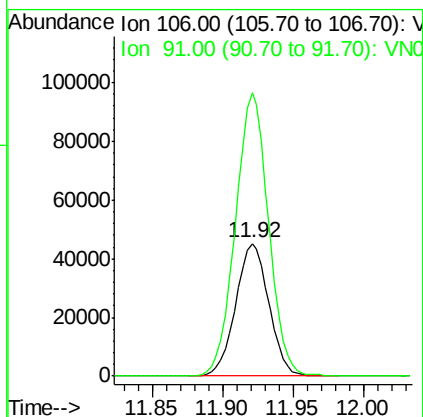
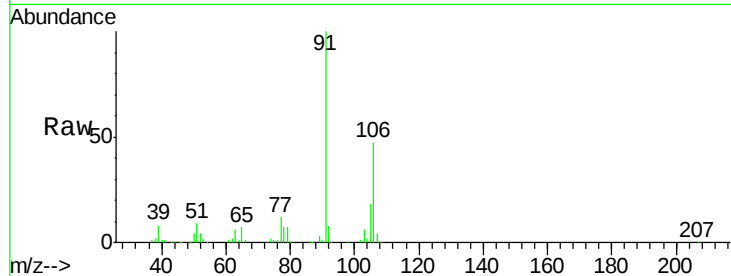




#69
o-Xylene
Concen: 11.042 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061505.D
Acq: 20 May 2020 17:03

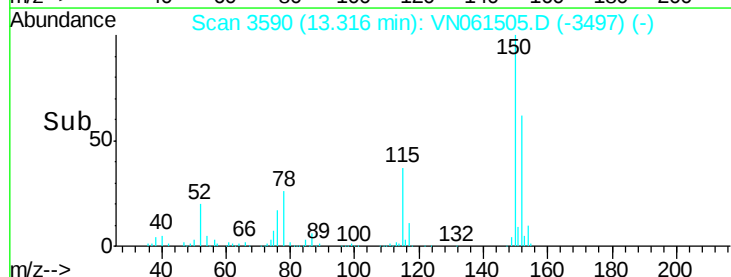
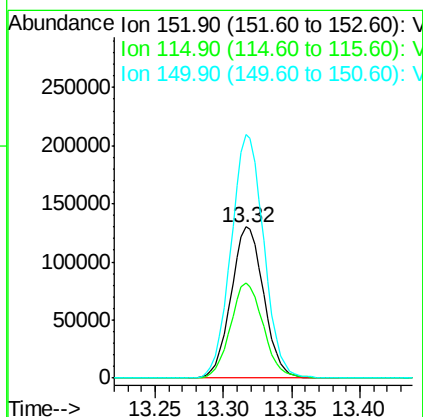
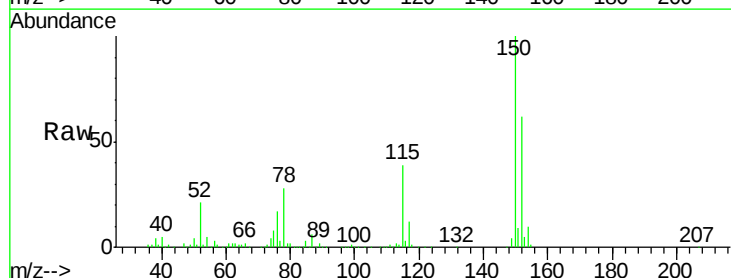
Instrument :
MSVOA_N
ClientSampleID :
DUP-051320DL2

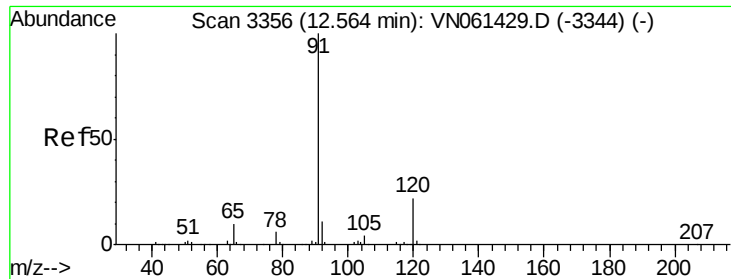
Tot Ion:106 Resp: 74368
Ion Ratio Lower Upper
106 100
91 213.8 107.9 323.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061505.D
Acq: 20 May 2020 17:03

Tgt Ion:152 Resp: 217086
Ion Ratio Lower Upper
152 100
115 63.8 30.9 92.5
150 160.5 0.0 349.2

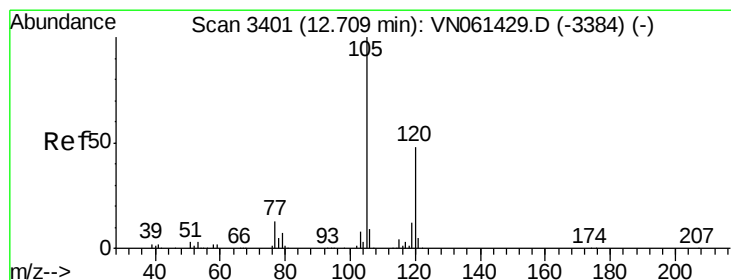
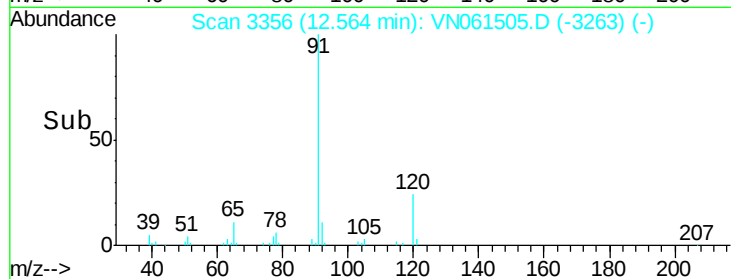
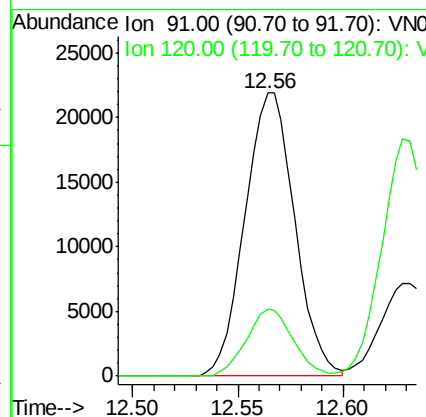
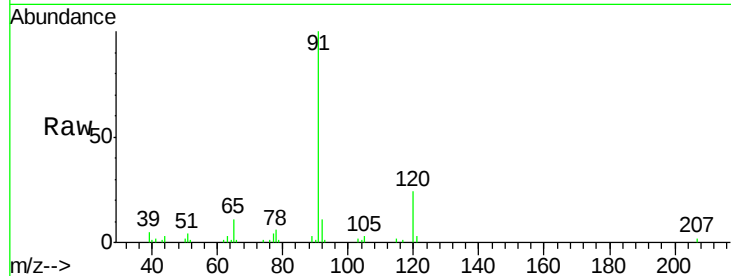




#78
n-propylbenzene
Concen: 1.811 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. 0.00 min
Lab File: VN061505.D
Acq: 20 May 2020 17:03

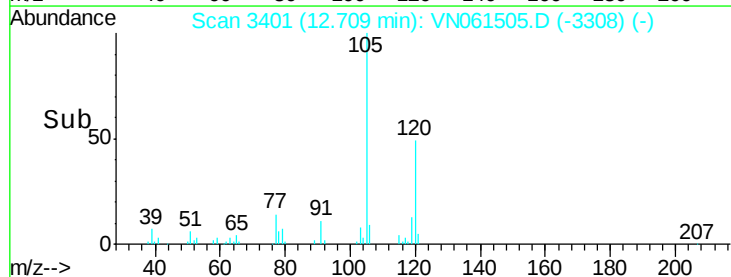
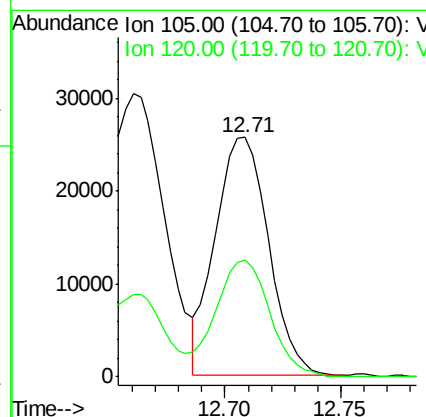
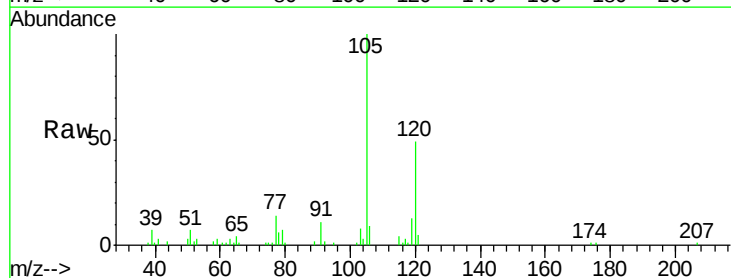
Instrument :
MSVOA_N
ClientSampled :
DUP-051320DL2

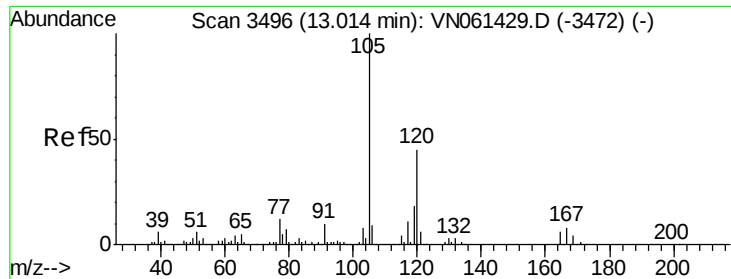
Tot Ion: 91 Resp: 35952
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.6



#80
1,3,5-Trimethylbenzene
Concen: 2.848 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VN061505.D
Acq: 20 May 2020 17:03

Tgt Ion: 105 Resp: 40646
Ion Ratio Lower Upper
105 100
120 50.8 24.1 72.4

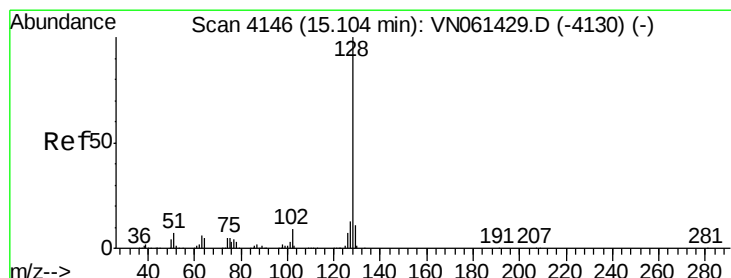
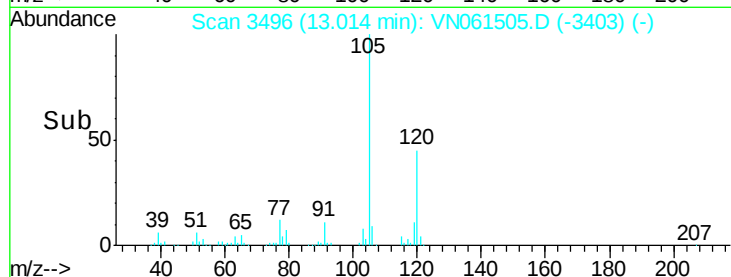
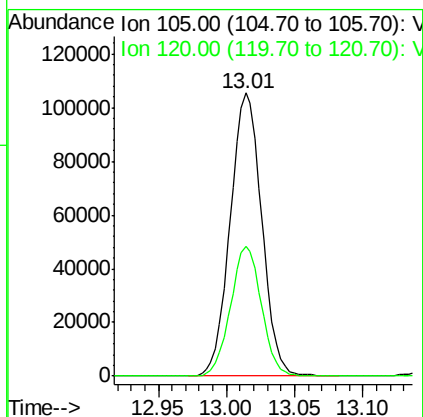
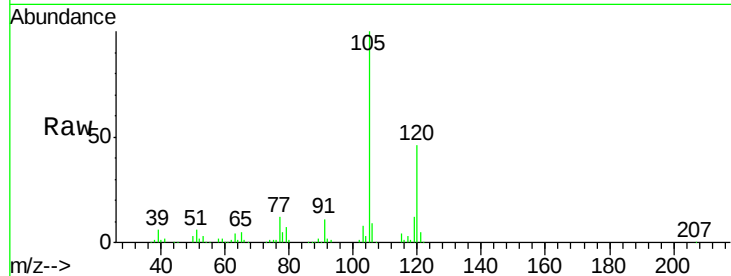




#84
 1,2,4-Trimethylbenzene
 Concen: 11.861 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061505.D
 Acq: 20 May 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-051320DL2

Tot Ion:105 Resp: 169386
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3



#95
 Naphthalene
 Concen: 2.366 ug/l
 RT: 15.10 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: VN061505.D
 Acq: 20 May 2020 17:03

Tgt Ion:128 Resp: 27079
 Ion Ratio Lower Upper
 128 100
 127 11.7 10.1 15.1
 129 10.3 8.6 13.0

