

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062037.D
 Acq On : 23 Jun 2020 7:35
 Operator : JC/MD
 Sample : L3033-04DL 200X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW001-200615DL

Quant Time: Jun 23 08:38:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	151385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	277431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	265885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	102343	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	102239	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.72%		
35) Dibromofluoromethane	7.55	113	89056	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.36%		
50) Toluene-d8	10.06	98	358577	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.78%		
62) 4-Bromofluorobenzene	12.38	95	115736	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.72%		

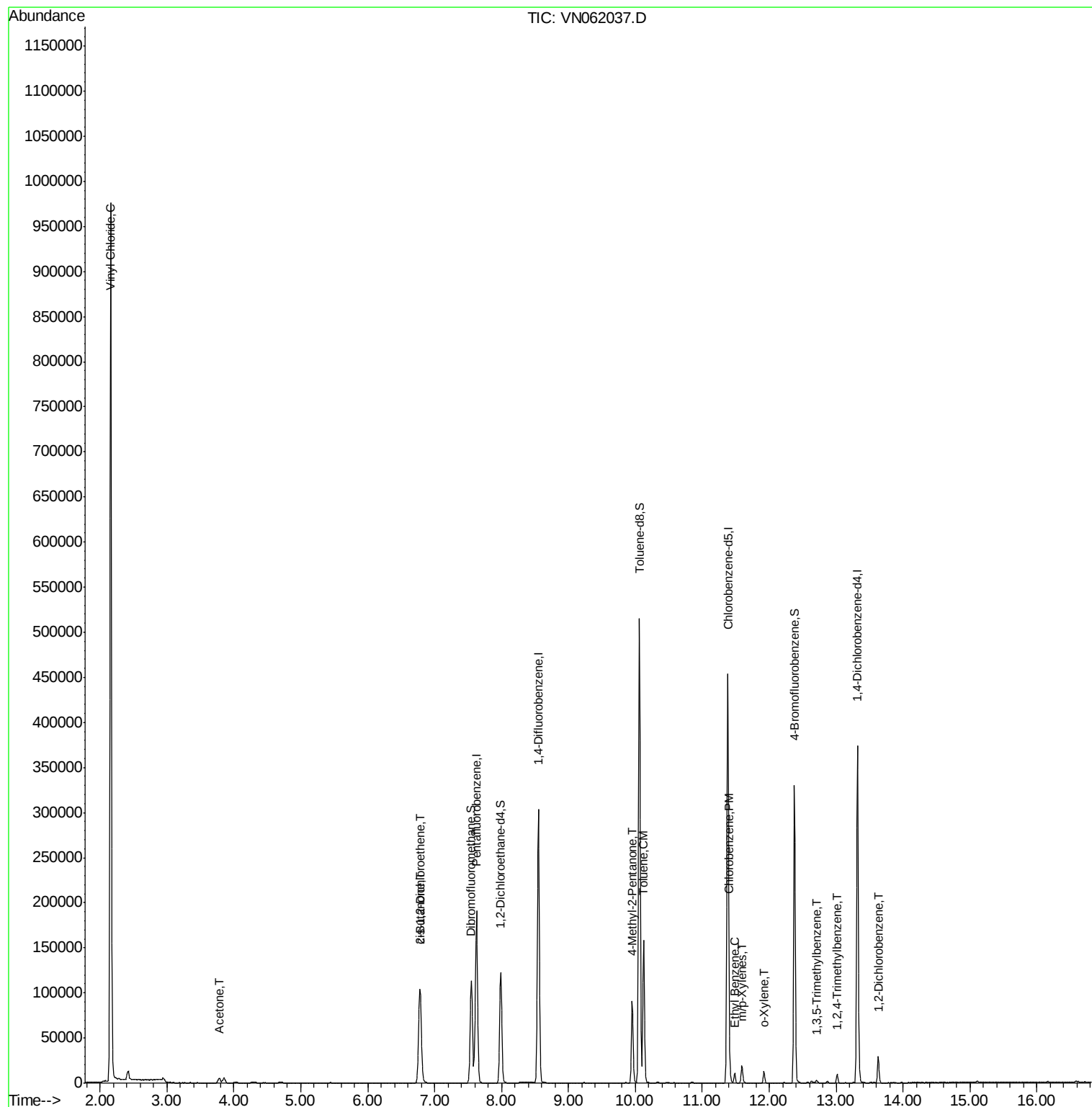
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.16	62	869875	347.253	ug/l	100
16) Acetone	3.78	43	9388	15.654	ug/l	92
25) 2-Butanone	6.79	43	7516	8.590	ug/l #	76
27) cis-1,2-Dichloroethene	6.78	96	67076	32.904	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	57752	29.347	ug/l	96
52) Toluene	10.12	92	70050	14.551	ug/l	98
65) Chlorobenzene	11.41	112	9923	1.769	ug/l	94
67) Ethyl Benzene	11.48	91	8198	0.872	ug/l	97
68) m/p-Xylenes	11.59	106	6432	1.773	ug/l	93
69) o-Xylene	11.92	106	3784	1.093	ug/l	91
80) 1,3,5-Trimethylbenzene	12.71	105	2207	0.367	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	5790	0.975	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	13028	4.044	ug/l	95

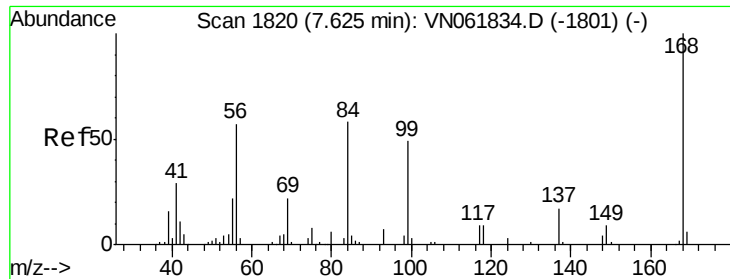
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
Data File : VN062037.D
Acq On : 23 Jun 2020 7:35
Operator : JC/MD
Sample : L3033-04DL 200X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LF001MW001-200615DL

Quant Time: Jun 23 08:38:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 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: VN062037.D

Acq: 23 Jun 2020 7:35

Instrument :

MSVOA_N

ClientSampleId :

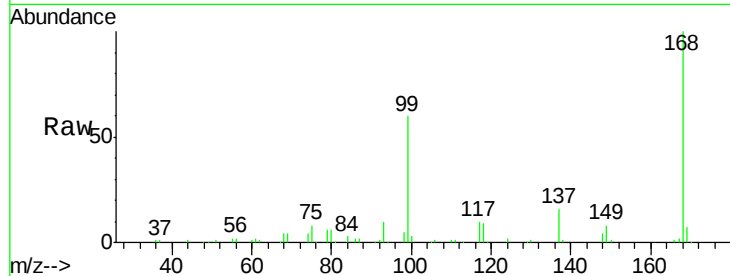
LF001MW001-200615DL

Tot Ion:168 Resp: 151385

Ion Ratio Lower Upper

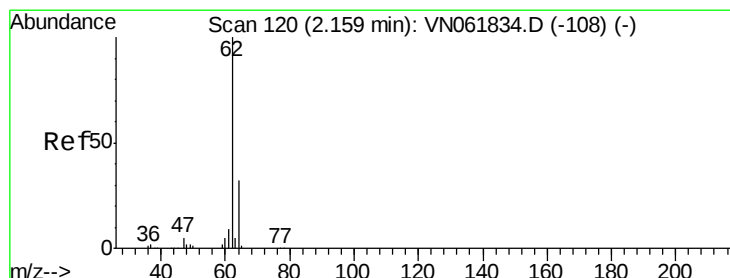
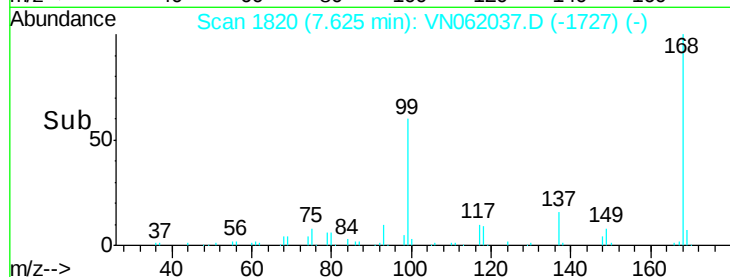
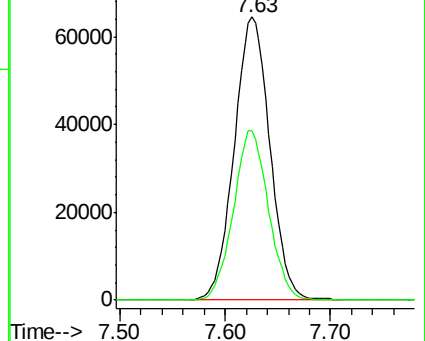
168 100

99 59.9 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#4

Vinyl Chloride

Concen: 347.253 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062037.D

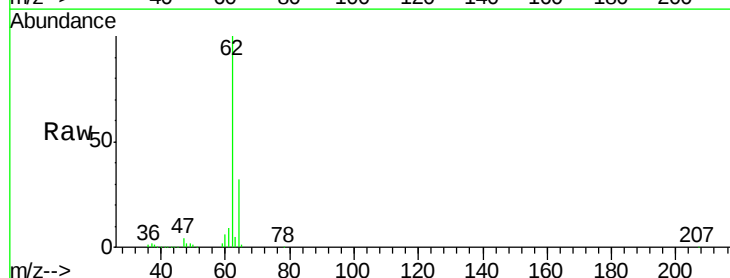
Acq: 23 Jun 2020 7:35

Tgt Ion: 62 Resp: 869875

Ion Ratio Lower Upper

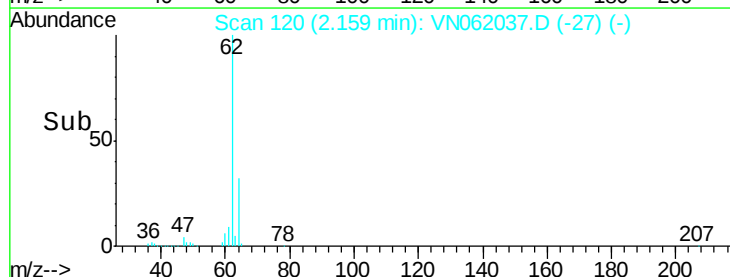
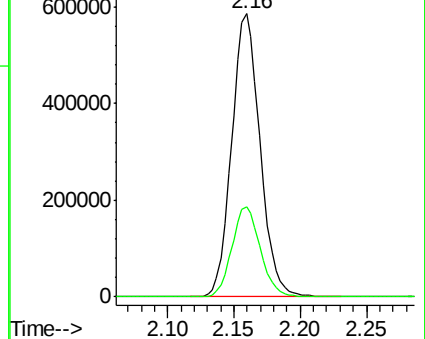
62 100

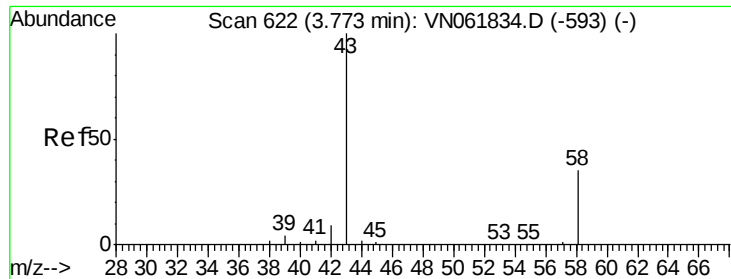
64 31.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#16

Acetone

Concen: 15.654 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

Instrument :

MSVOA_N

ClientSampleId :

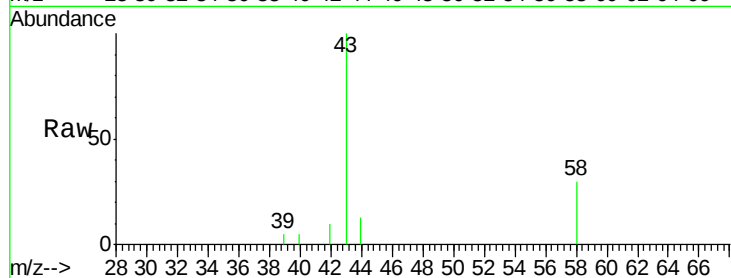
LF001MW001-200615DL

Tot Ion: 43 Resp: 9388

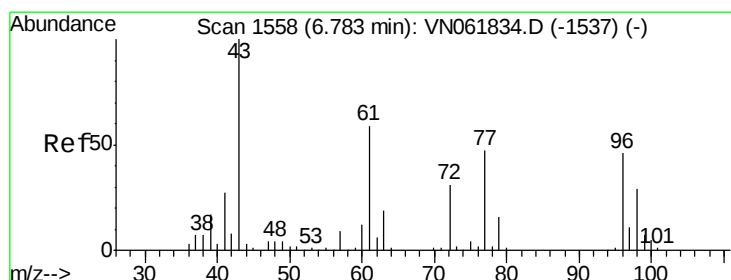
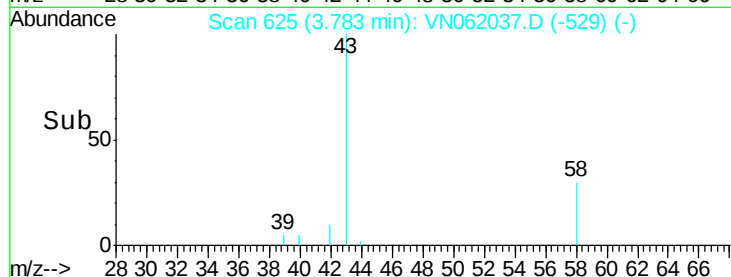
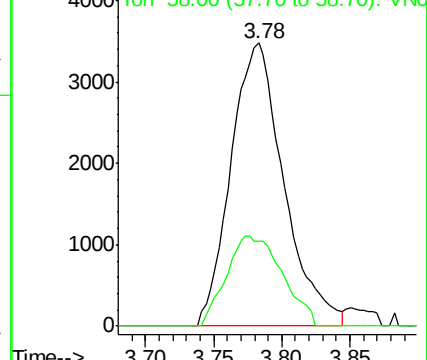
Ion Ratio Lower Upper

43 100

58 30.0 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN062037.D (-529) (-)



#25

2-Butanone

Concen: 8.590 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VN062037.D

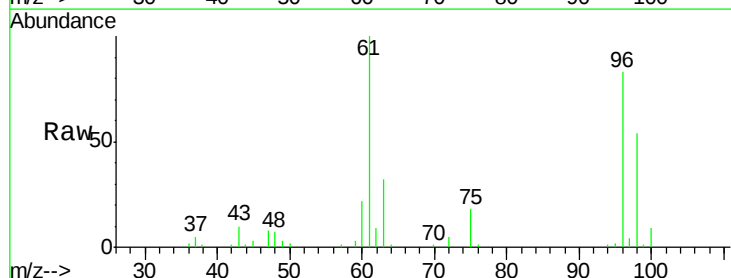
Acq: 23 Jun 2020 7:35

Tgt Ion: 43 Resp: 7516

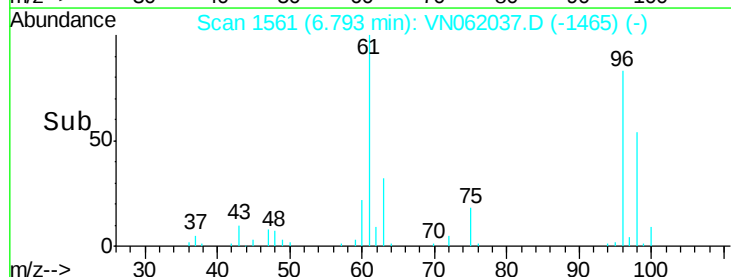
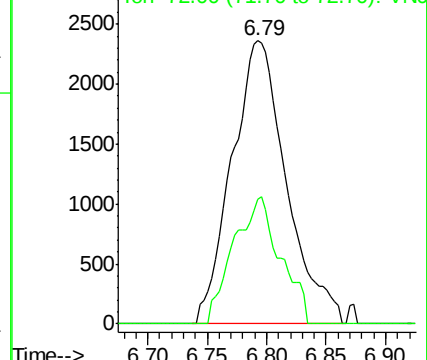
Ion Ratio Lower Upper

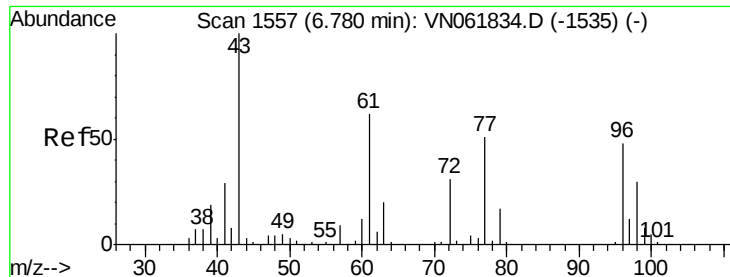
43 100

72 43.9 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VN062037.D (-1465) (-)





#27

cis-1,2-Dichloroethene

Concen: 32.904 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615DL

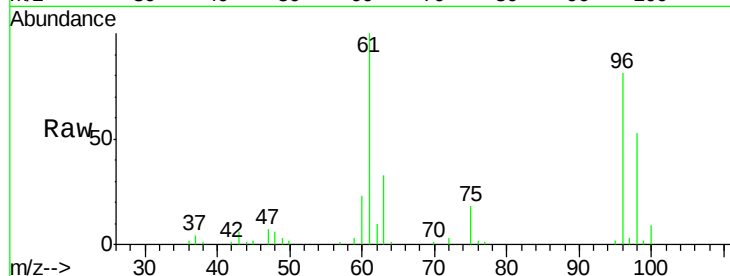
Tot Ion: 96 Resp: 67076

Ion Ratio Lower Upper

96 100

61 120.7 0.0 265.6

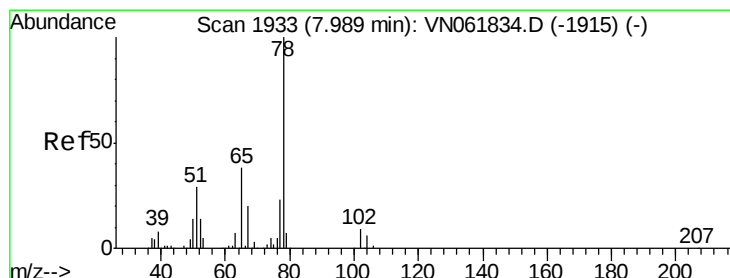
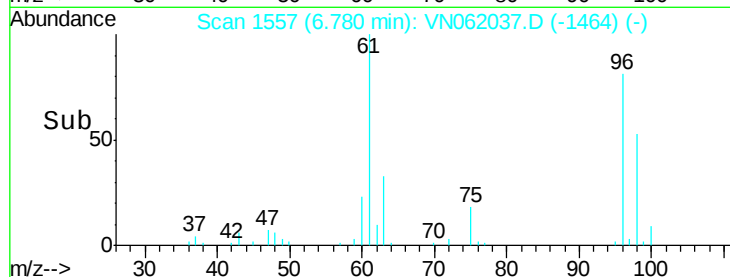
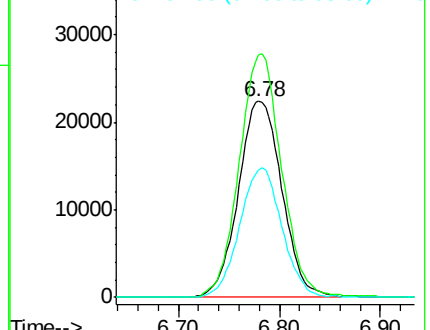
98 64.0 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN062037.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN062037.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN062037.D (-1464) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.357 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062037.D

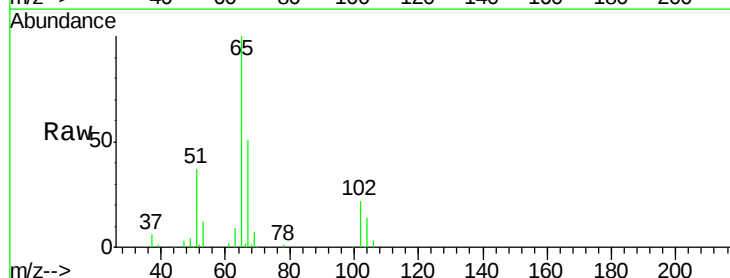
Acq: 23 Jun 2020 7:35

Tgt Ion: 65 Resp: 102239

Ion Ratio Lower Upper

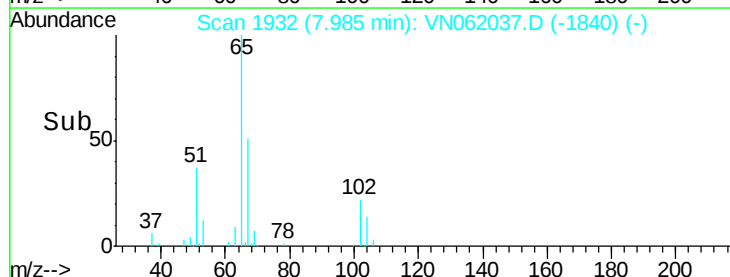
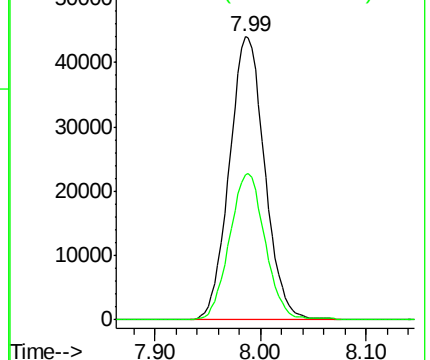
65 100

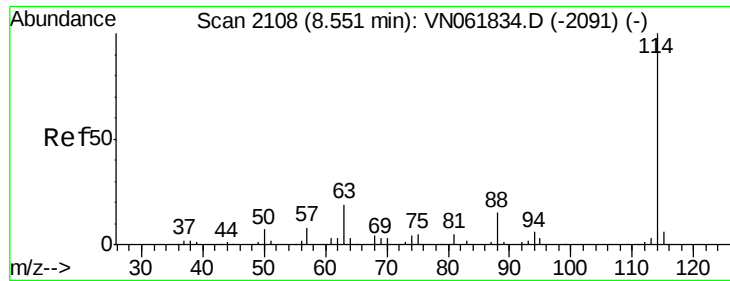
67 52.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062037.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062037.D (-1840) (-)

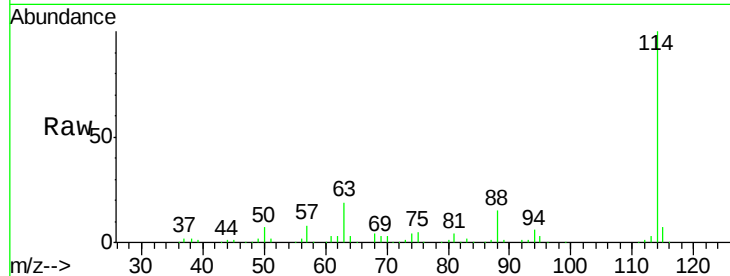




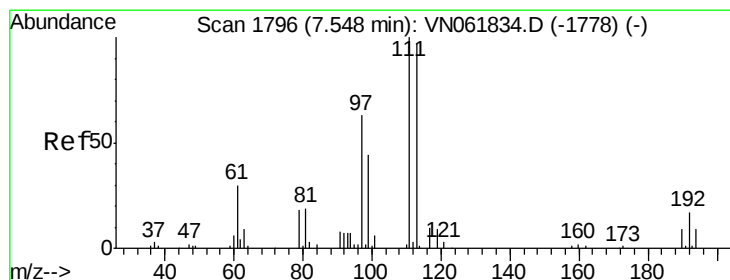
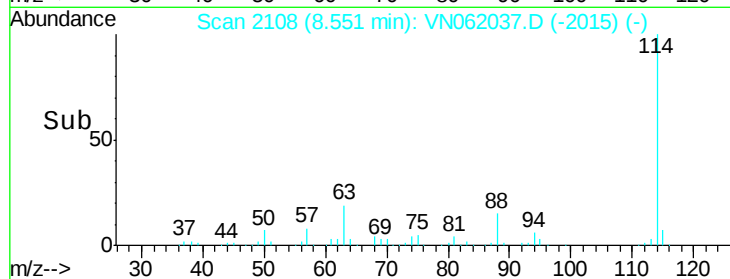
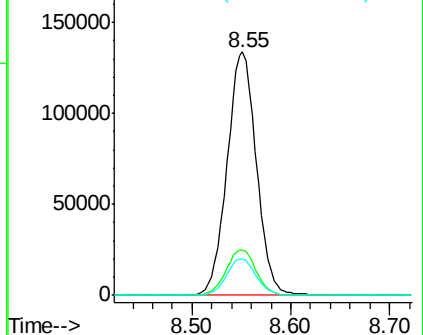
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062037.D
 Acq: 23 Jun 2020 7:35

Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW001-200615DL

Tot Ion:114 Resp: 277431
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.6
 88 15.1 0.0 31.0

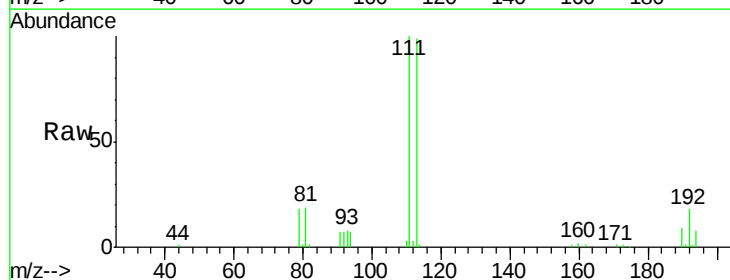


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

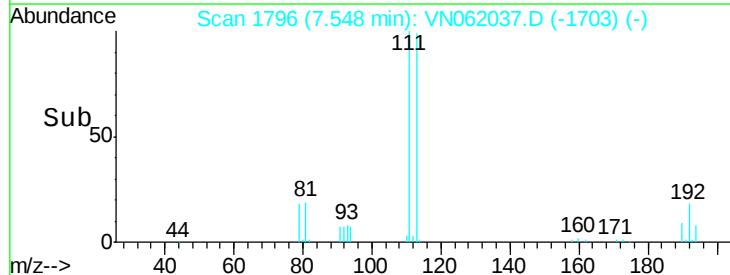
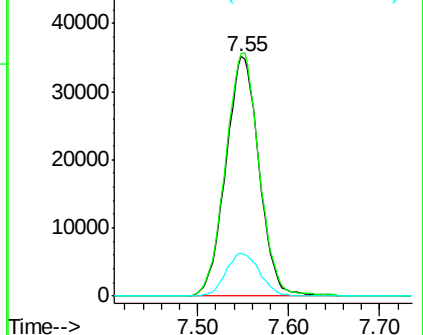


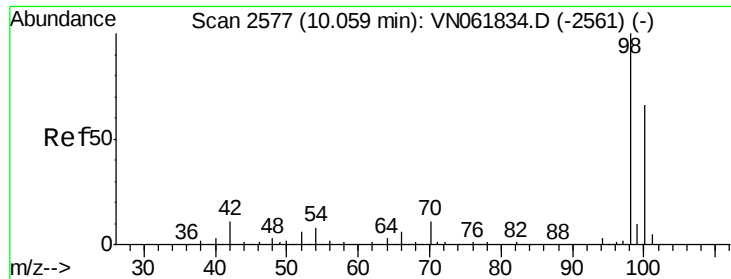
#35
 Dibromofluoromethane
 Concen: 50.176 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062037.D
 Acq: 23 Jun 2020 7:35

Tgt Ion:113 Resp: 89056
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.7 125.5
 192 18.1 13.9 20.9



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: 51.389 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

Instrument :

MSVOA_N

ClientSampleId :

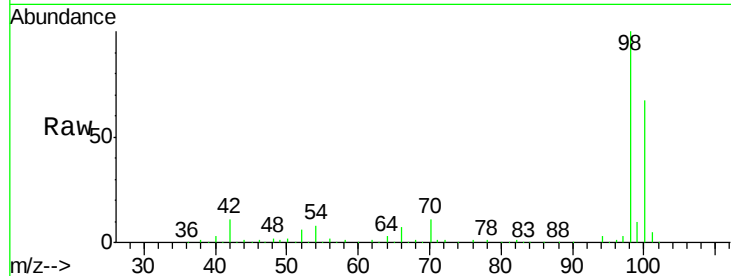
LF001MW001-200615DL

Tot Ion: 98 Resp: 358577

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

200000

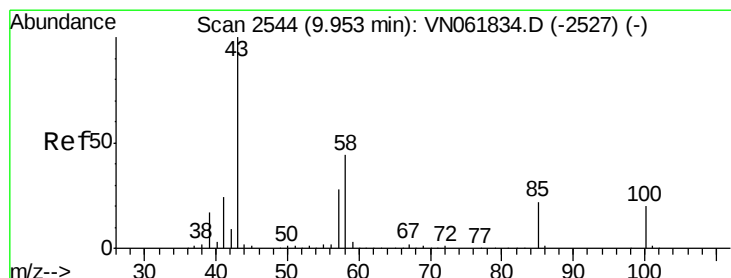
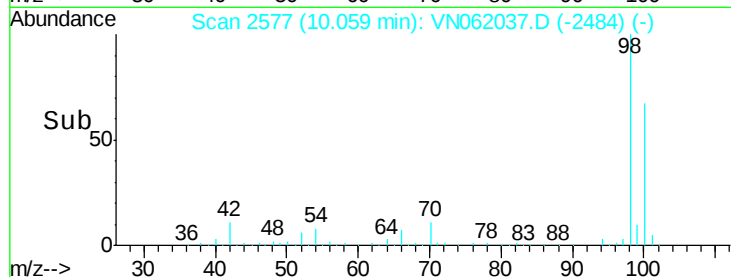
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 29.347 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062037.D

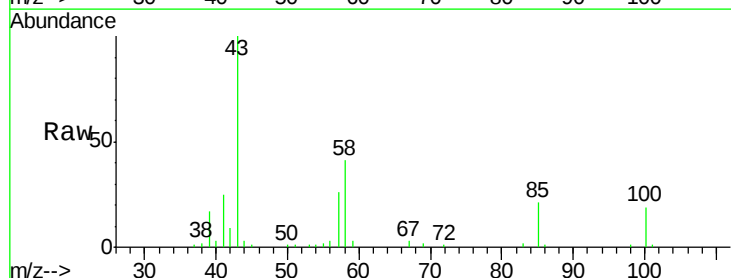
Acq: 23 Jun 2020 7:35

Tgt Ion: 43 Resp: 57752

Ion Ratio Lower Upper

43 100

58 40.5 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

9.95

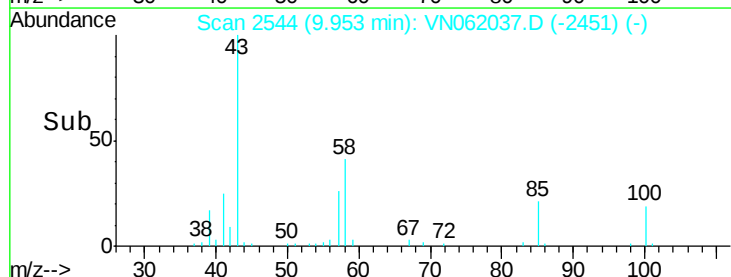
30000

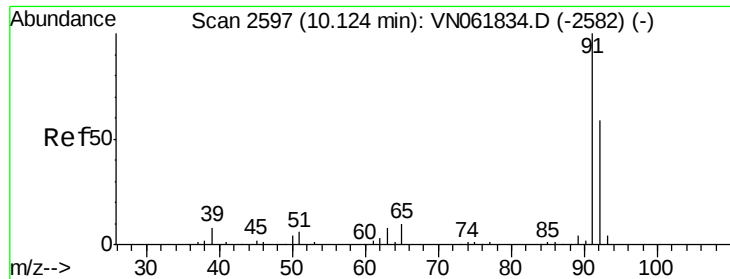
20000

10000

0

Time-->





#52

Toluene

Concen: 14.551 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

Instrument :

MSVOA_N

ClientSampleId :

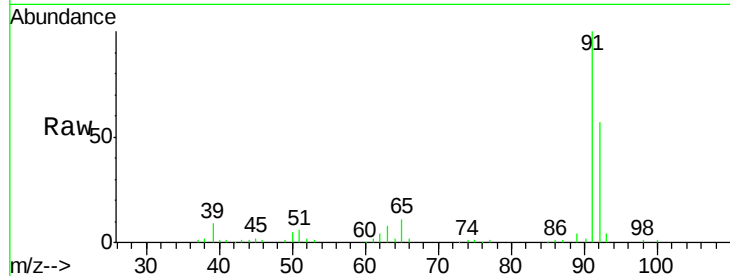
LF001MW001-200615DL

Tot Ion: 92 Resp: 70050

Ion Ratio Lower Upper

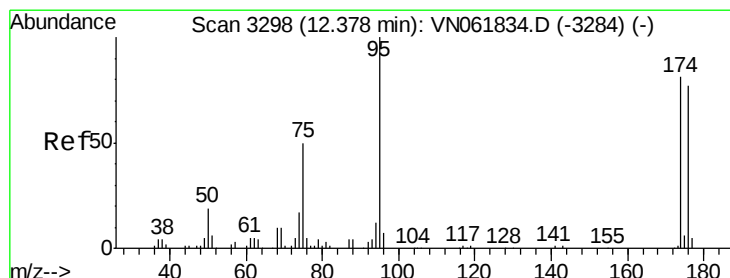
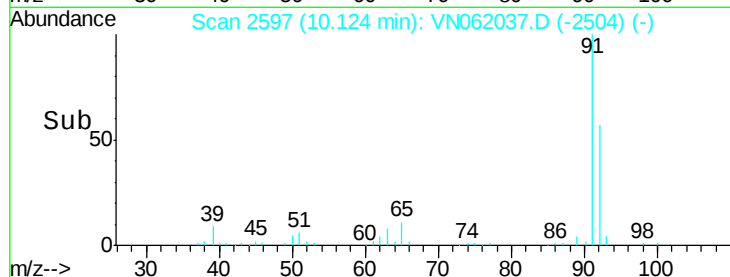
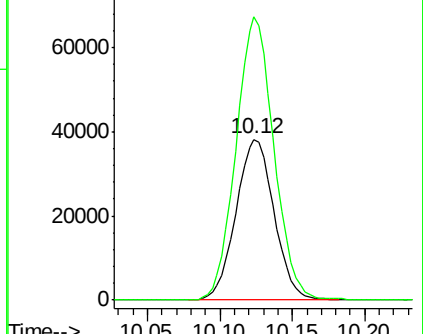
92 100

91 174.5 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)



#62

4-Bromofluorobenzene

Concen: 48.355 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

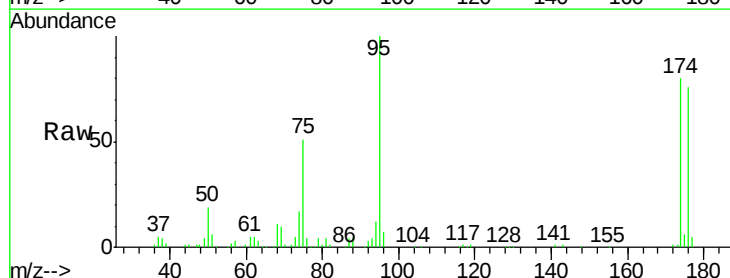
Tgt Ion: 95 Resp: 115736

Ion Ratio Lower Upper

95 100

174 77.6 0.0 158.6

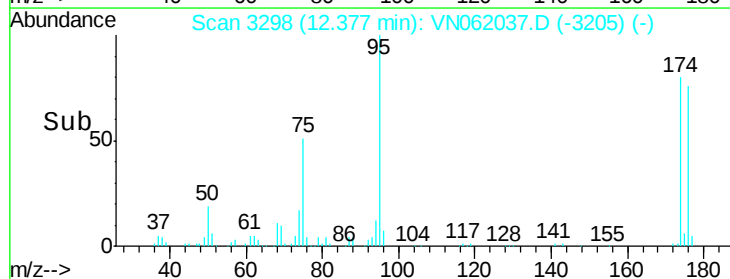
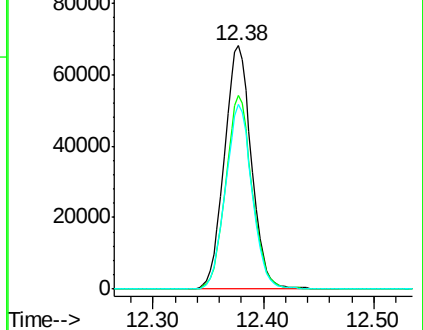
176 74.4 0.0 152.0

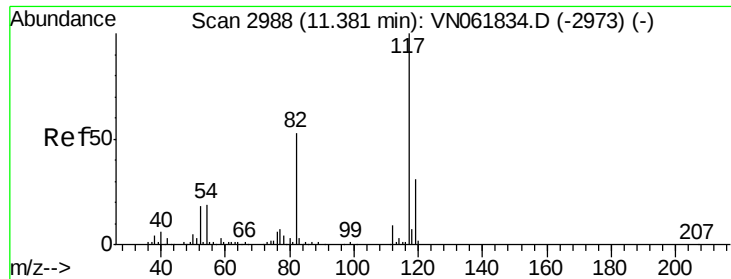


Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

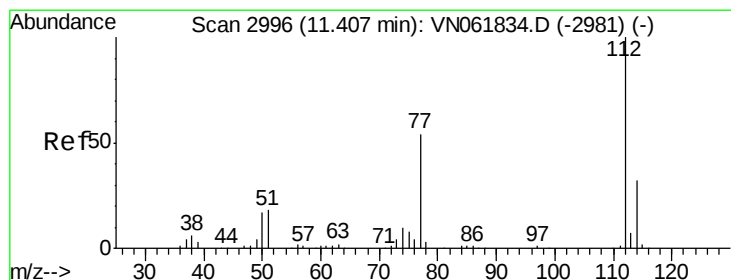
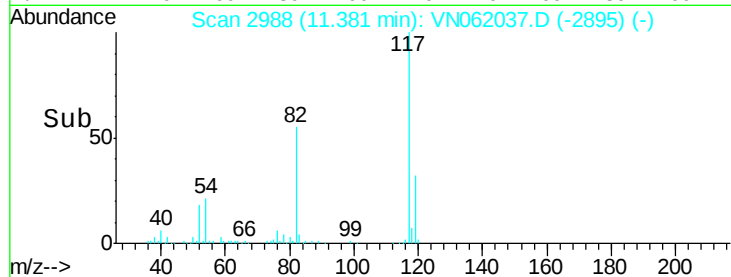
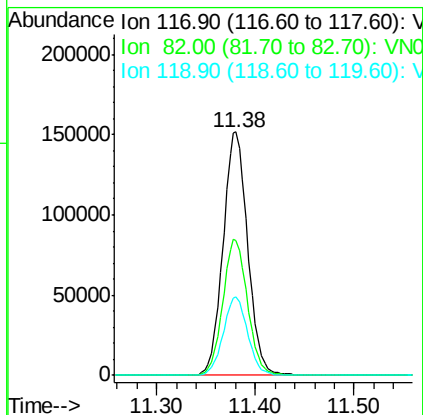
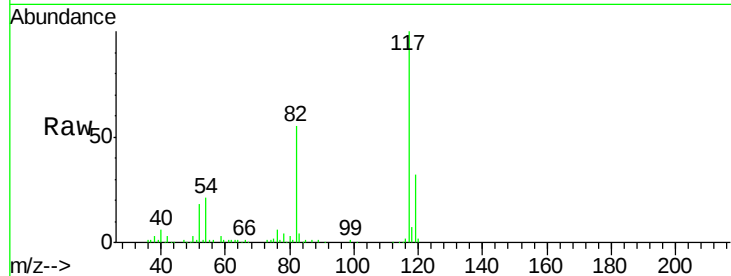




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062037.D
Acq: 23 Jun 2020 7:35

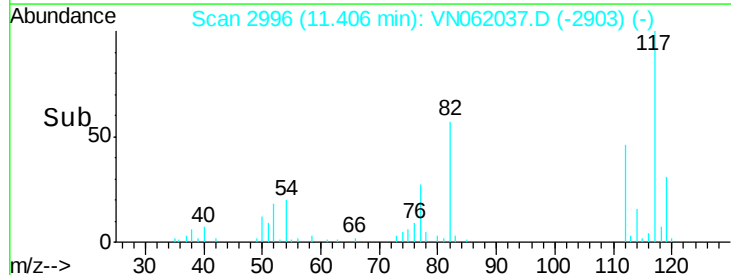
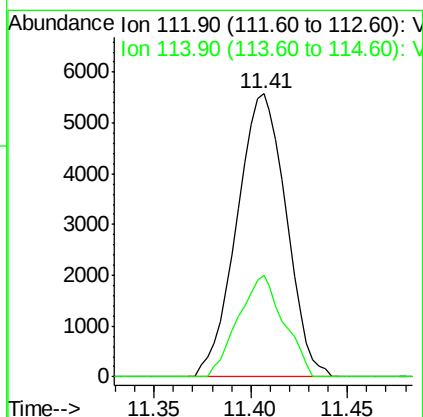
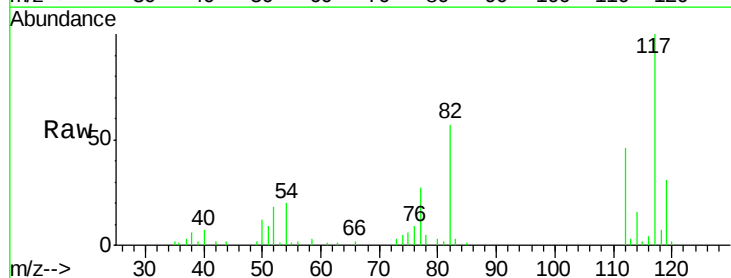
Instrument :
MSVOA_N
ClientSampleId :
LF001MW001-200615DL

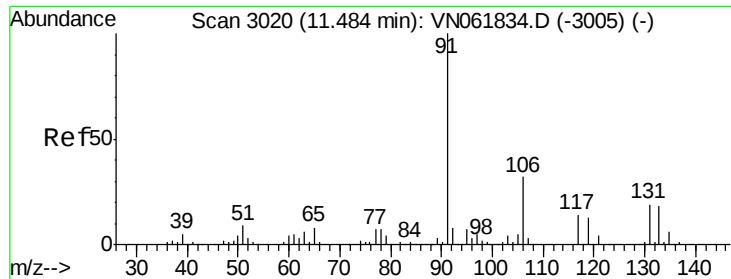
Tot Ion:117 Resp: 265885
Ion Ratio Lower Upper
117 100
82 55.3 42.6 64.0
119 32.0 24.7 37.1



#65
Chlorobenzene
Concen: 1.769 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062037.D
Acq: 23 Jun 2020 7:35

Tgt Ion:112 Resp: 9923
Ion Ratio Lower Upper
112 100
114 35.7 25.8 38.6

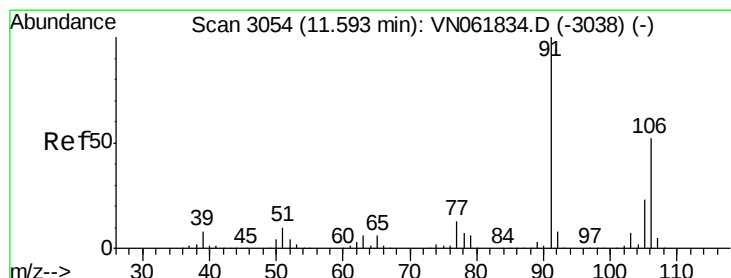
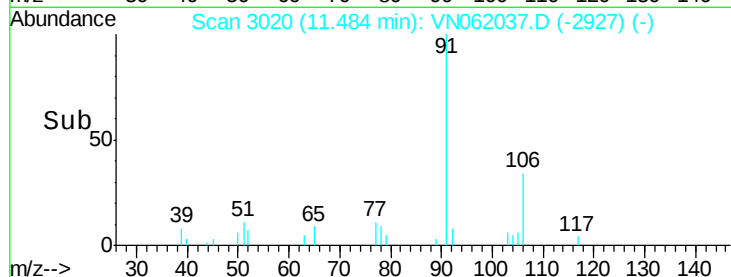
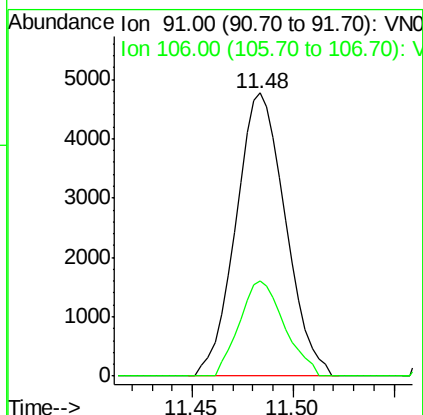
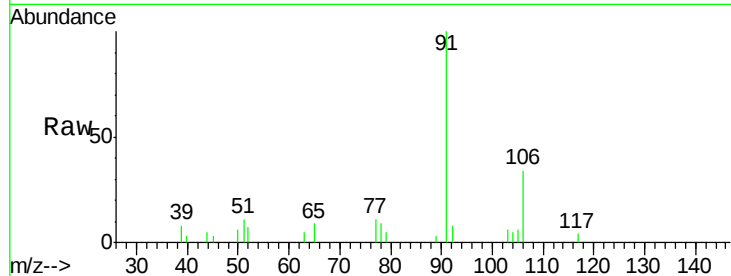




#67
Ethyl Benzene
Concen: 0.872 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062037.D
Acq: 23 Jun 2020 7:35

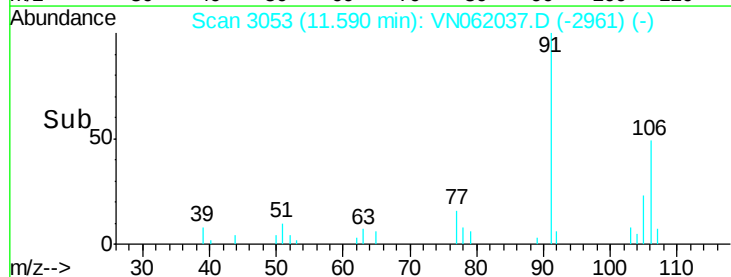
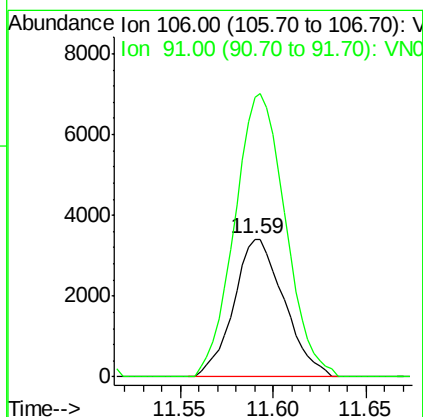
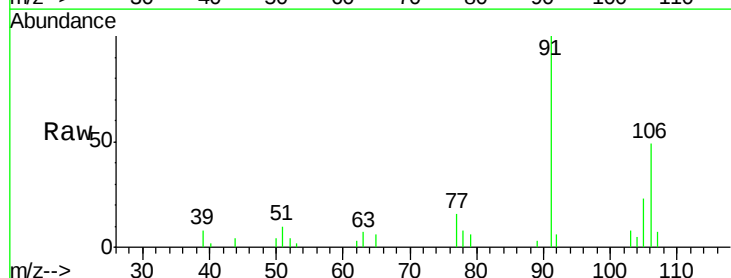
Instrument :
MSVOA_N
ClientSampleId :
LF001MW001-200615DL

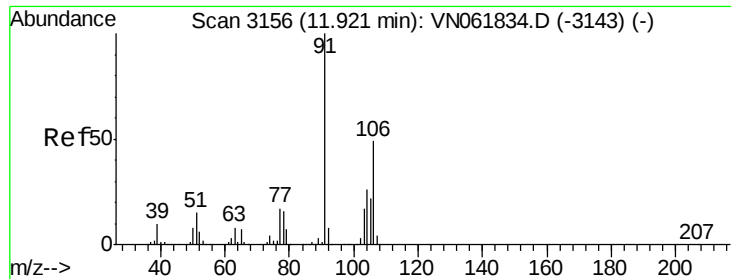
Tot Ion: 91 Resp: 8198
Ion Ratio Lower Upper
91 100
106 33.7 25.4 38.2



#68
m/p-Xylenes
Concen: 1.773 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN062037.D
Acq: 23 Jun 2020 7:35

Tgt Ion: 106 Resp: 6432
Ion Ratio Lower Upper
106 100
91 207.2 157.0 235.6

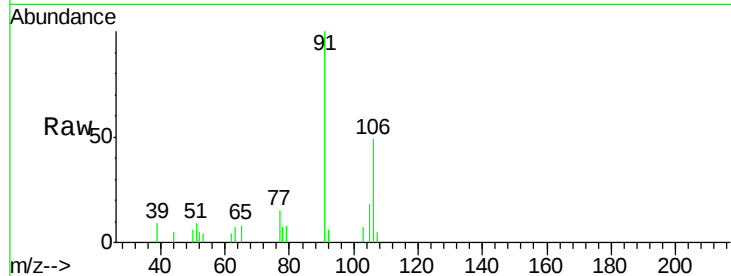




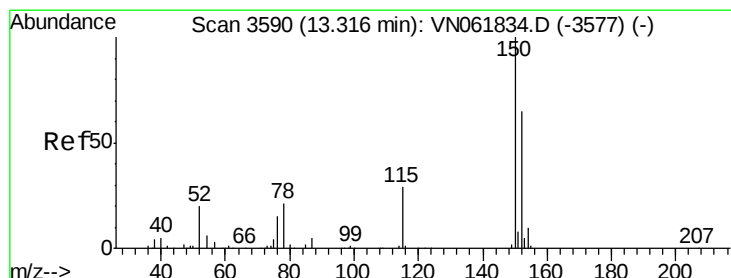
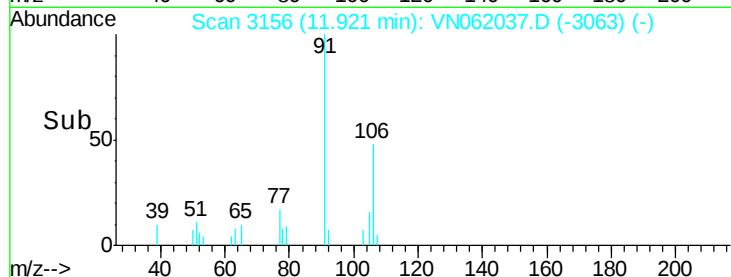
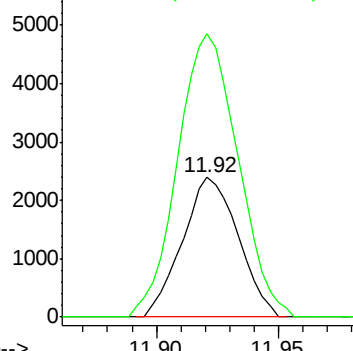
#69
o-Xylene
Concen: 1.093 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062037.D
Acq: 23 Jun 2020 7:35

Instrument :
MSVOA_N
ClientSampleId :
LF001MW001-200615DL

Tot Ion:106 Resp: 3784
Ion Ratio Lower Upper
106 100
91 219.5 103.0 308.9

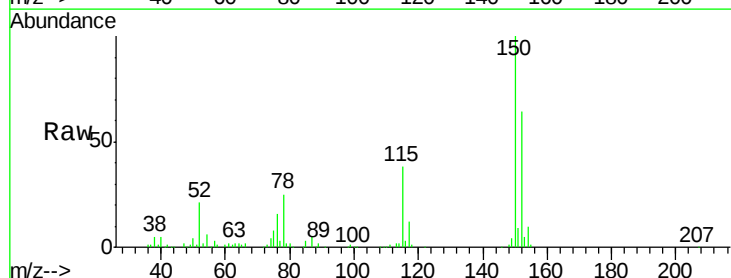


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

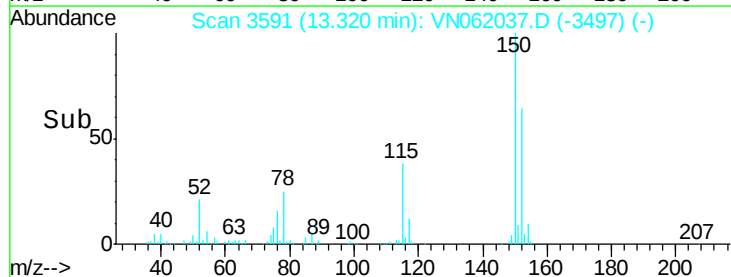
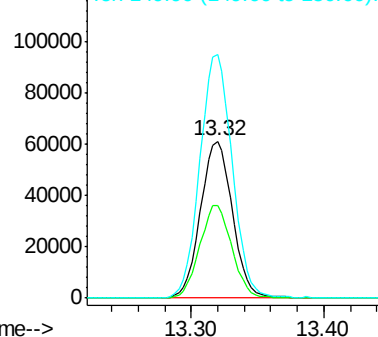


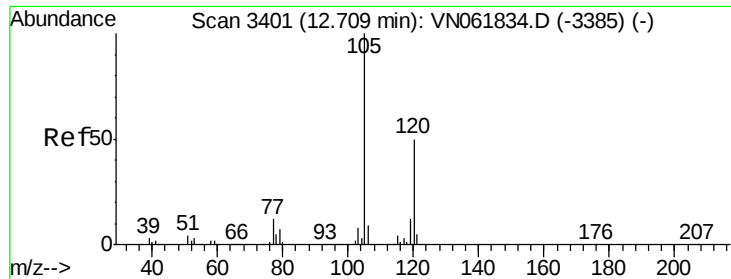
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062037.D
Acq: 23 Jun 2020 7:35

Tgt Ion:152 Resp: 102343
Ion Ratio Lower Upper
152 100
115 59.4 29.1 87.3
150 157.3 0.0 347.6



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

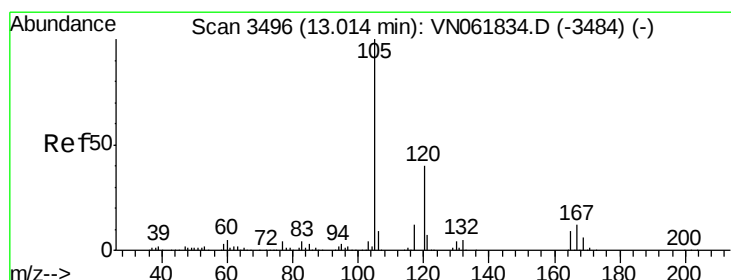
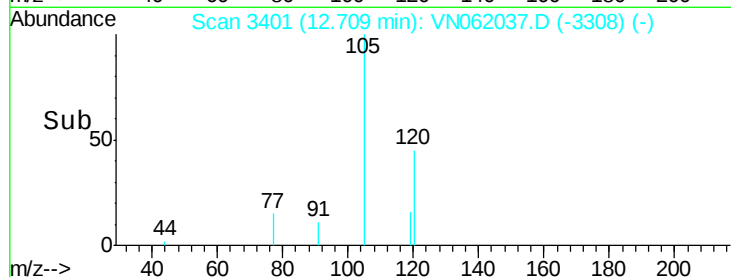
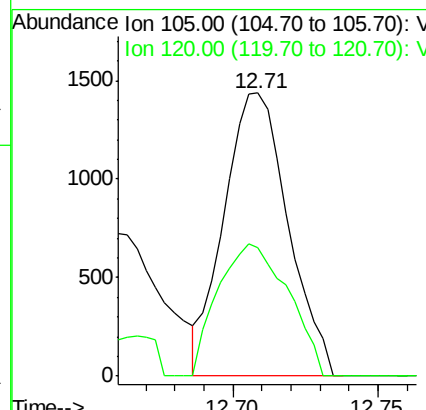
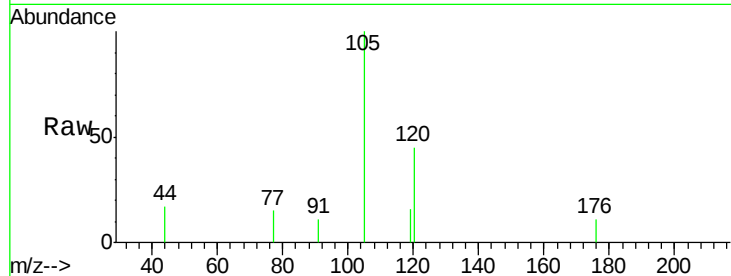




#80
 1,3,5-Trimethylbenzene
 Concen: 0.367 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062037.D
 Acq: 23 Jun 2020 7:35

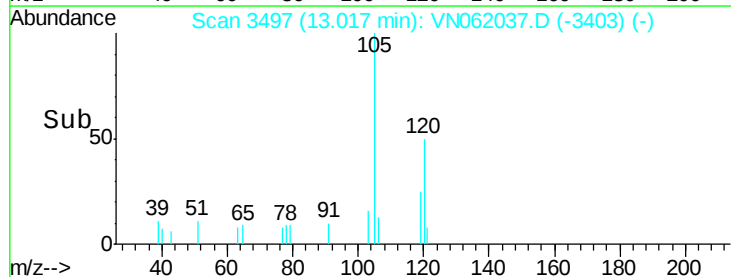
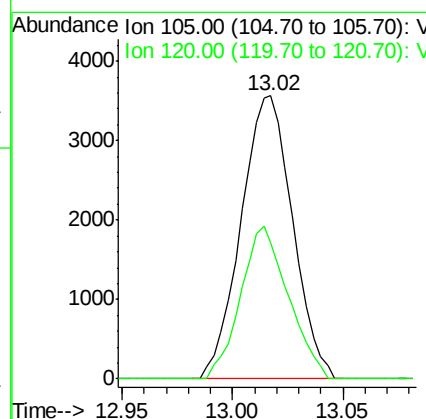
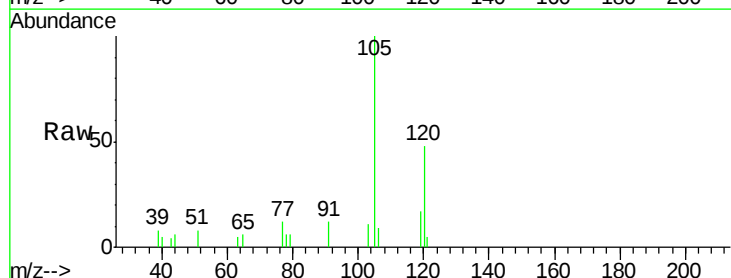
Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW001-200615DL

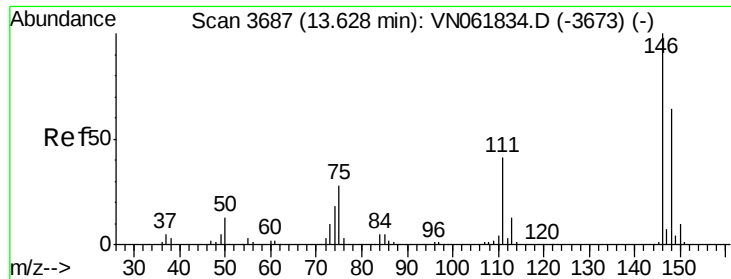
Tot Ion:105 Resp: 2207
 Ion Ratio Lower Upper
 105 100
 120 51.4 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 0.975 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062037.D
 Acq: 23 Jun 2020 7:35

Tgt Ion:105 Resp: 5790
 Ion Ratio Lower Upper
 105 100
 120 49.8 23.3 69.9





#91

1,2-Dichlorobenzene

Concen: 4.044 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615DL

Tot Ion:146 Resp: 13028

Ion Ratio Lower Upper

146 100

111 43.9 20.4 61.2

148 59.1 31.8 95.4

