

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 08:31:11 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

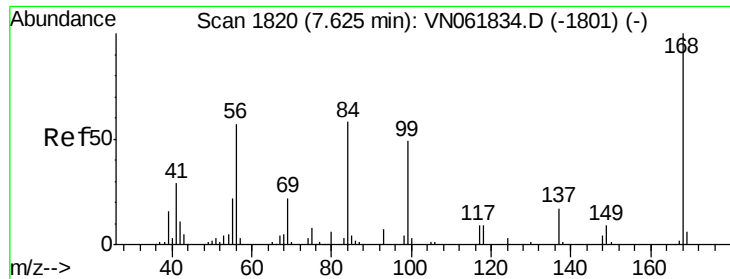
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	151385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	277431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	265885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	102343	50.00	ug/l	0.00

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			Recovery	=	100.72%	
35) Dibromofluoromethane	7.55	113	89056	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
50) Toluene-d8	10.06	98	358577	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.38	95	115736	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.16	50	5588	2.659	ug/l #	42
4) Vinyl Chloride	2.16	62	869875	347.253	ug/l	100
11) Tert butyl alcohol	4.70	59	715	2.545	ug/l #	74
16) Acetone	3.78	43	9388	15.654	ug/l	92
18) Methyl Acetate	4.29	43	1667	0.965	ug/l #	61
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
31) Cyclohexane	7.63	56	3159	1.181	ug/l #	2
36) 1,1-Dichloropropene	7.62	75	11746	4.642	ug/l #	50
37) Ethyl Acetate	6.79	43	7516	3.804	ug/l #	1
38) Carbon Tetrachloride	7.63	117	14766	5.893	ug/l #	16
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
53) t-1,3-Dichloropropene	10.12	75	633	0.220	ug/l #	1
56) Ethyl methacrylate	10.34	69	127	2.944	ug/l #	52
59) 2-Hexanone	10.73	43	212	13.534	ug/l #	20
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
71) Bromoform	12.38	173	672	0.471	ug/l #	1
74) N-amyl acetate	12.07	43	59	3.085	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	57772	28.753	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	2207	0.367	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	57772	78.422	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.02	105	5790	0.975	ug/l	95
85) sec-Butylbenzene	13.02	105	5790	0.867	ug/l #	56
87) 1,3-Dichlorobenzene	13.26	146	724	0.216	ug/l	82
88) 1,4-Dichlorobenzene	13.26	146	724	0.211	ug/l	83
91) 1,2-Dichlorobenzene	13.63	146	13028	4.044	ug/l	95
95) Naphthalene	15.10	128	1792	3.811	ug/l #	74

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

Data Path : Z:\V0ASRV\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



#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 :

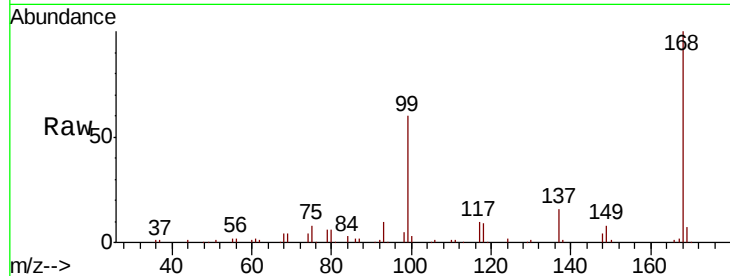
LF001MW001-200615DL

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): VN062037.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062037.D (-1727) (-)

7.63

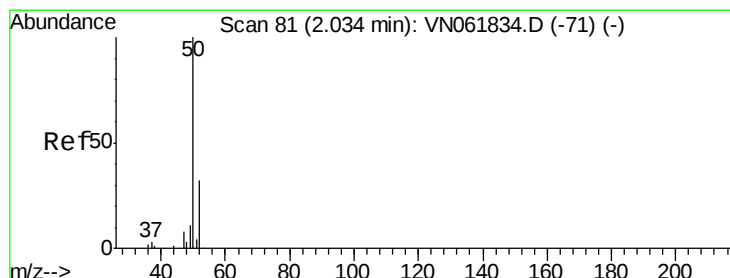
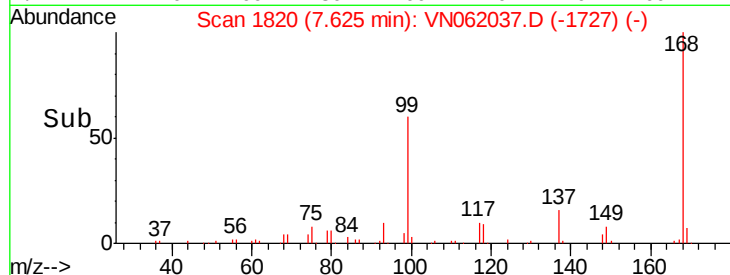
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 2.659 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.13 min

Lab File: VN062037.D

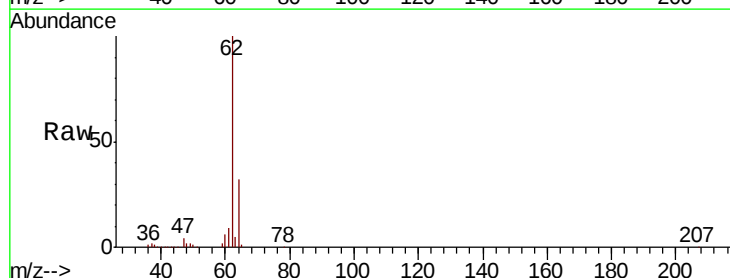
Acq: 23 Jun 2020 7:35

Tgt Ion: 50 Resp: 5588

Ion Ratio Lower Upper

50 100

52 0.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN062037.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN062037.D (-1) (-)

2.16

4000

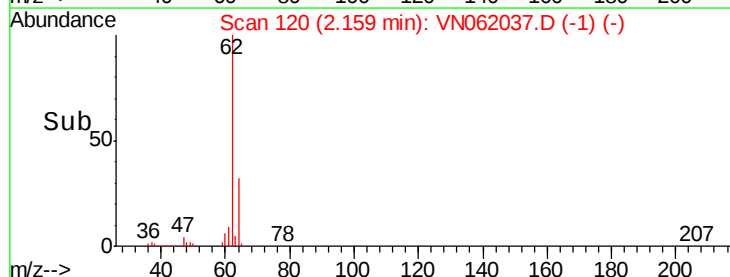
3000

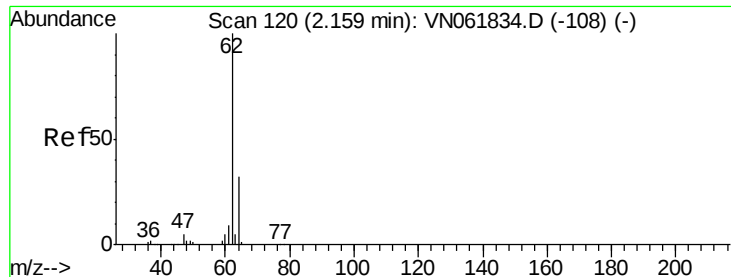
2000

1000

0

Time--> 2.10 2.15 2.20





#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

Instrument :

MSVOA_N

ClientSampleId :

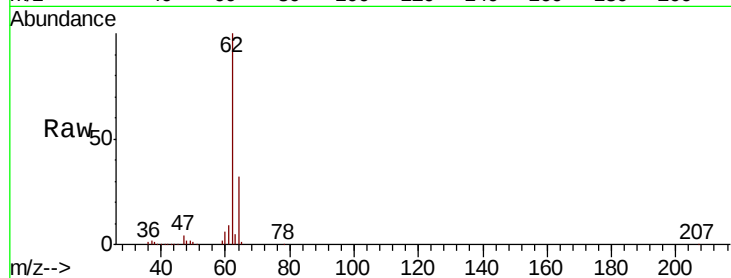
LF001MW001-200615DL

Tot 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): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

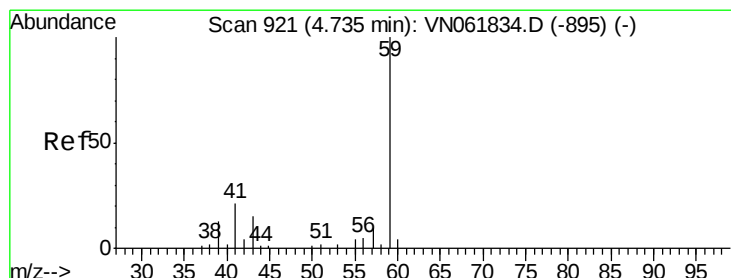
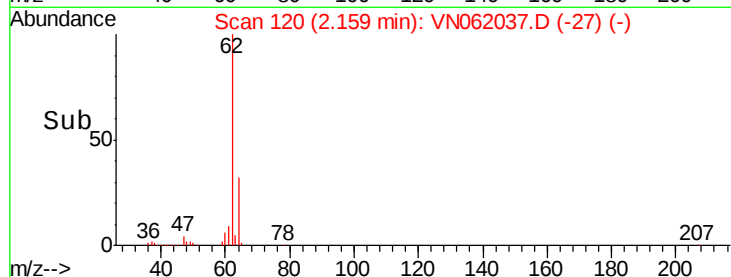
600000

400000

200000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.545 ug/l

RT: 4.70 min Scan# 910

Delta R.T. -0.04 min

Lab File: VN062037.D

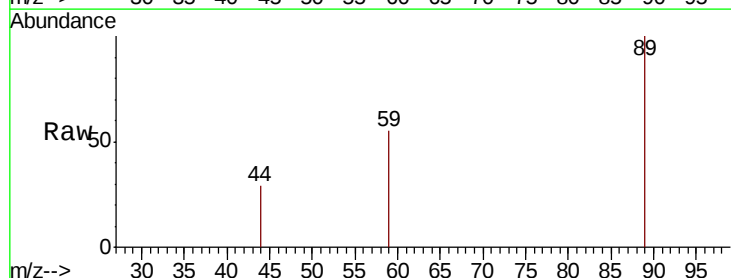
Acq: 23 Jun 2020 7:35

Tgt Ion: 59 Resp: 715

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.70

400

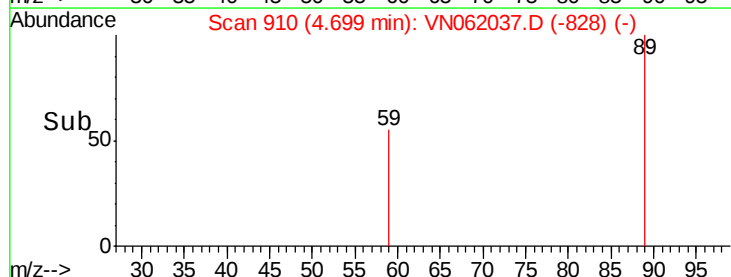
300

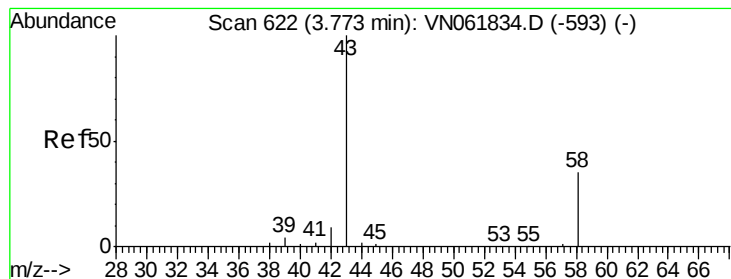
200

100

0

Time-->





#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 :

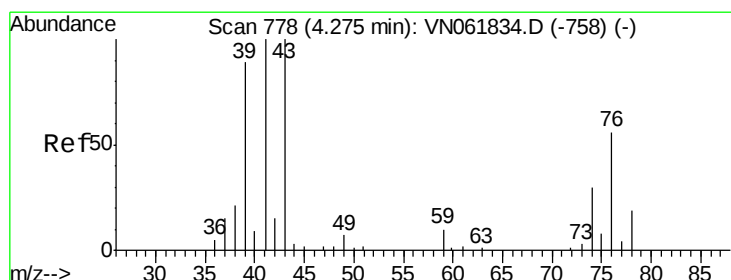
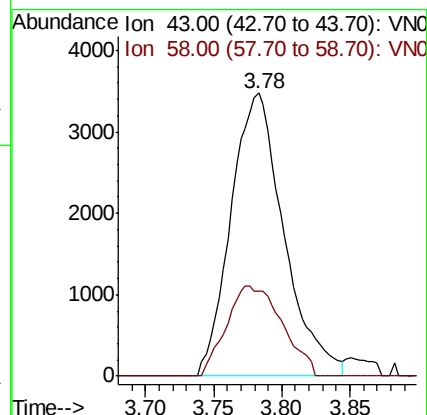
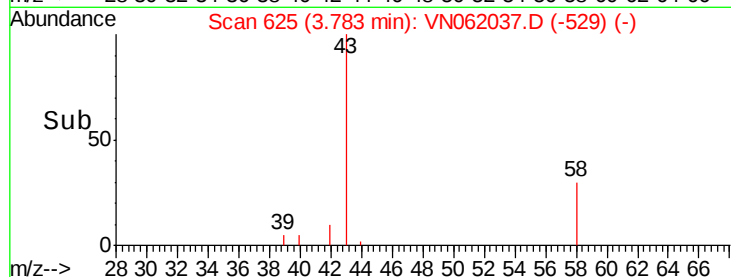
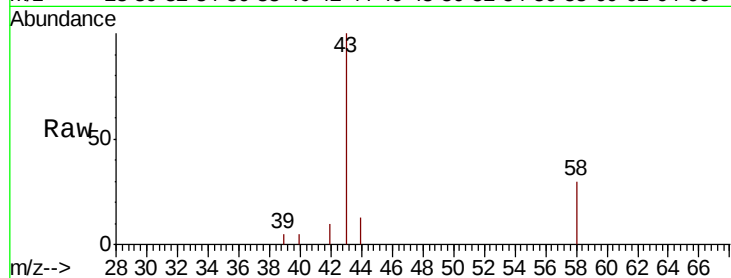
LF001MW001-200615DL

Tot Ion: 43 Resp: 9388

Ion Ratio Lower Upper

43 100

58 30.0 27.8 41.8



#18

Methyl Acetate

Concen: 0.965 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN062037.D

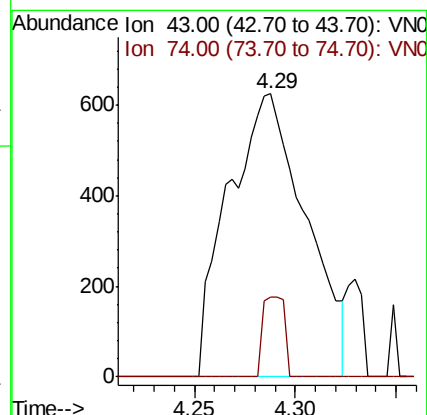
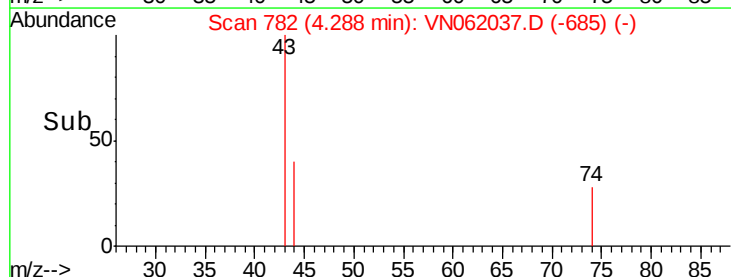
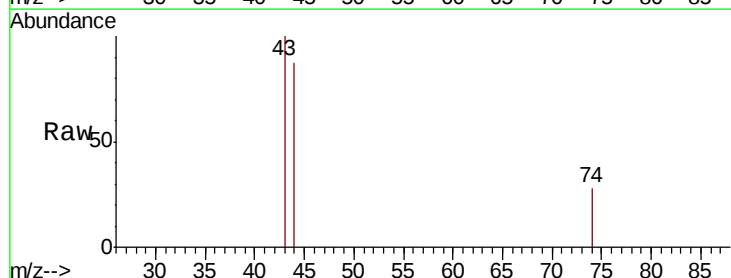
Acq: 23 Jun 2020 7:35

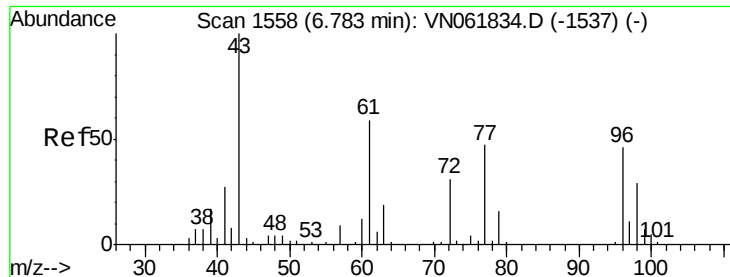
Tgt Ion: 43 Resp: 1667

Ion Ratio Lower Upper

43 100

74 8.0 23.0 34.4#

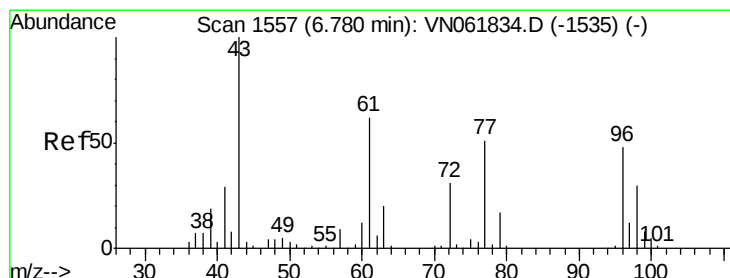
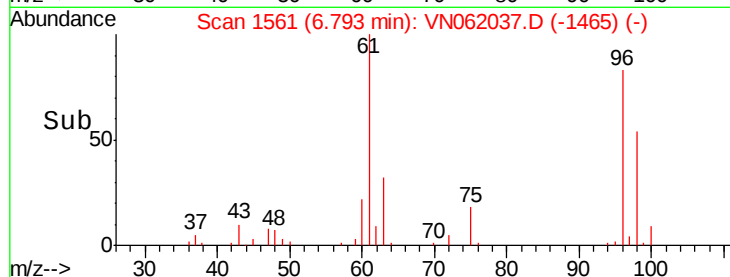
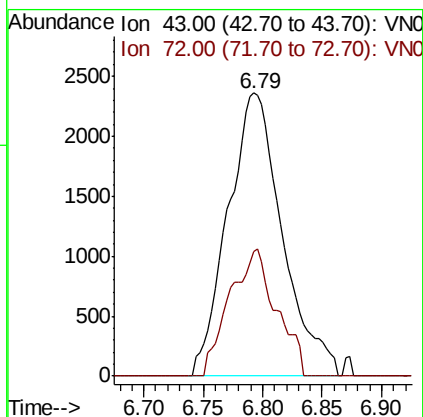
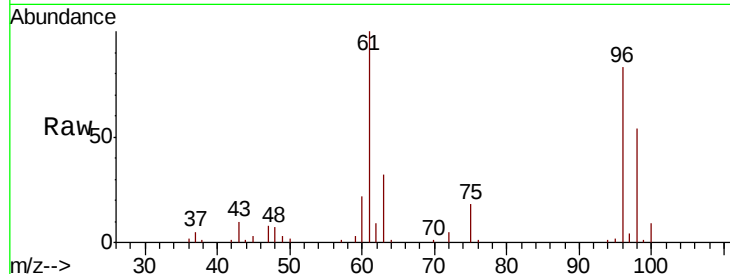




#25
2-Butanone
Concen: 8.590 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN062037.D
Acq: 23 Jun 2020 7:35

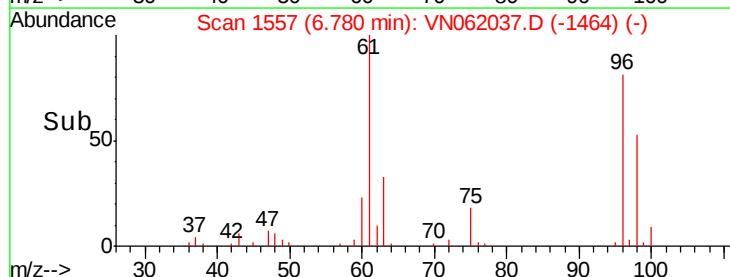
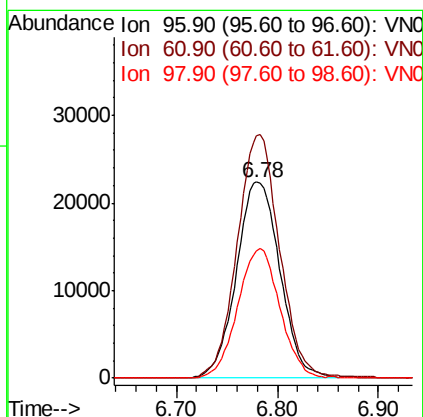
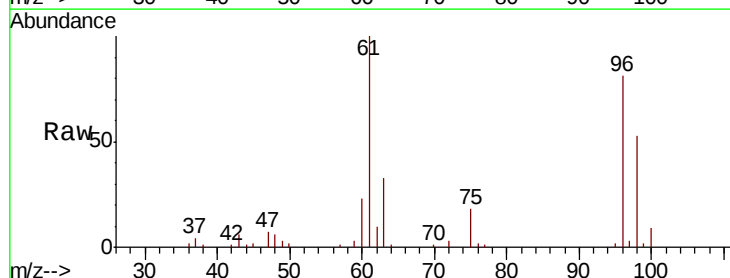
Instrument :
MSVOA_N
ClientSampleId :
LF001MW001-200615DL

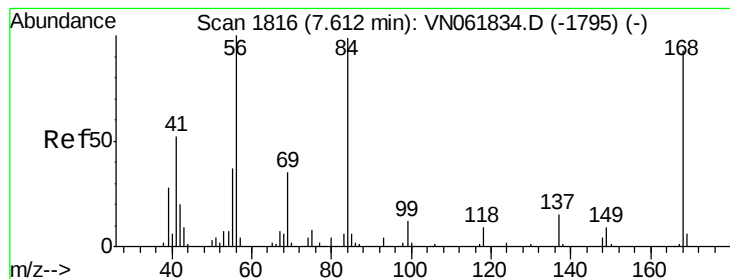
Tot Ion: 43 Resp: 7516
Ion Ratio Lower Upper
43 100
72 43.9 24.6 37.0#



#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

Tgt Ion: 96 Resp: 67076
Ion Ratio Lower Upper
96 100
61 120.7 0.0 265.6
98 64.0 0.0 128.2





#31

Cyclohexane

Concen: 1.181 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615DL

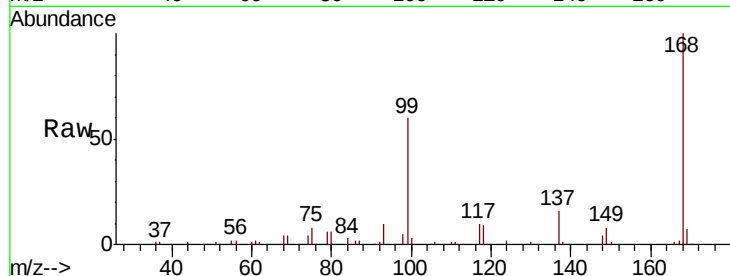
Tot Ion: 56 Resp: 3159

Ion Ratio Lower Upper

56 100

69 174.1 27.7 41.5#

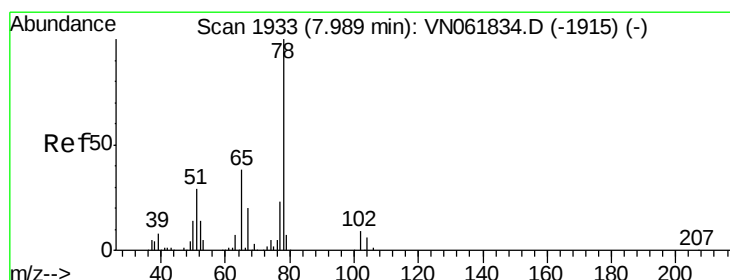
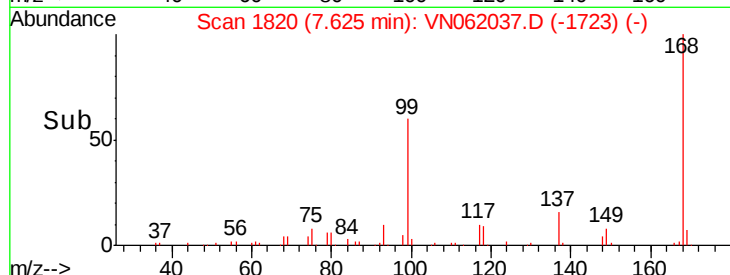
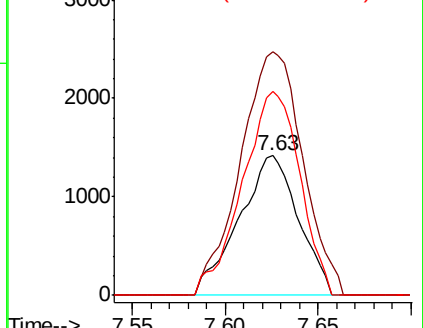
84 146.3 79.1 118.7#



Abundance Ion 56.00 (55.70 to 56.70): VN062037.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062037.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062037.D (-1723) (-)



#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

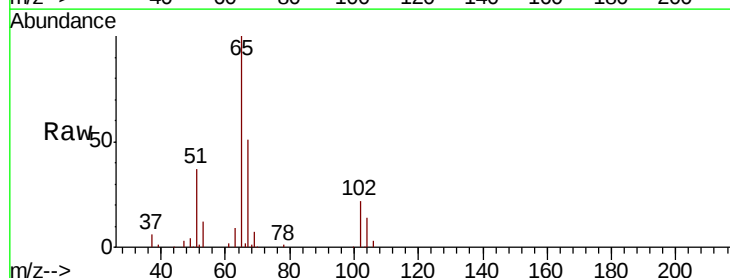
Acq: 23 Jun 2020 7:35

Tgt Ion: 65 Resp: 102239

Ion Ratio Lower Upper

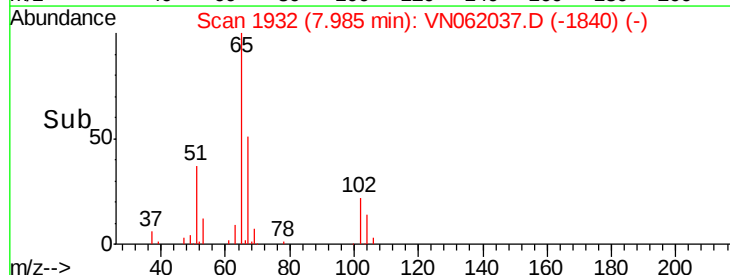
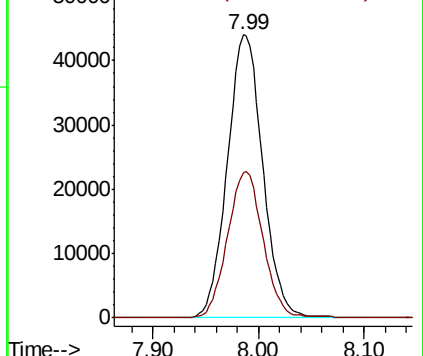
65 100

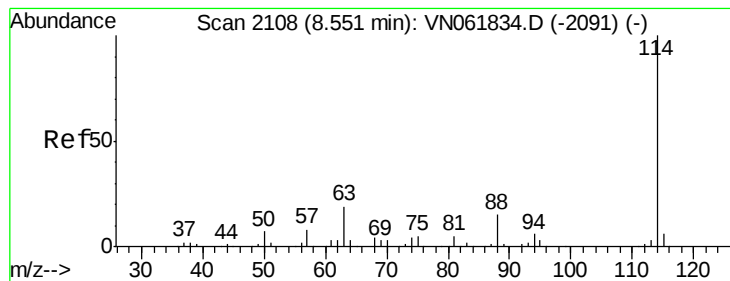
67 52.1 0.0 106.2



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

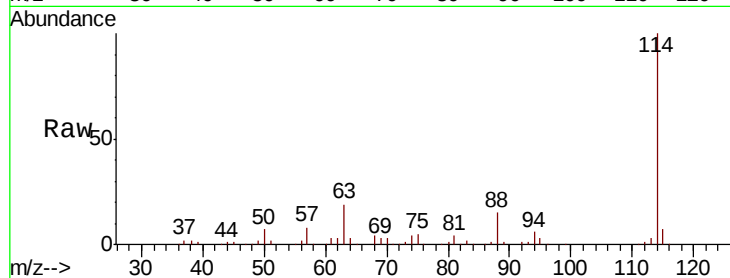
Tot Ion:114 Resp: 277431

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

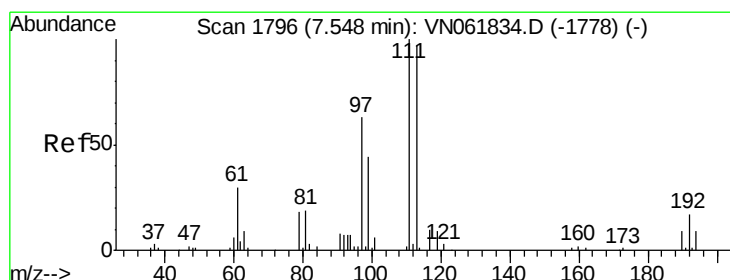
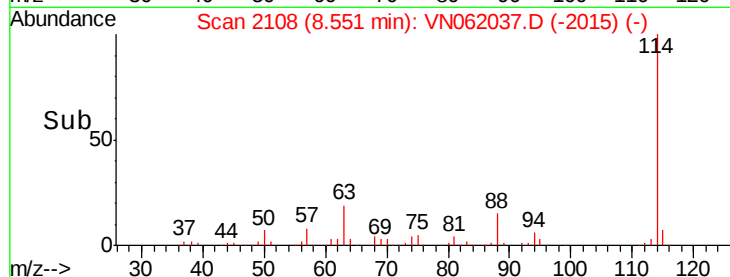
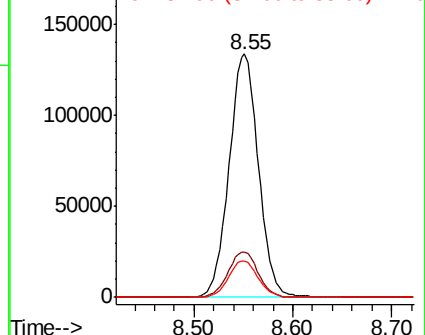
88 15.1 0.0 31.0



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

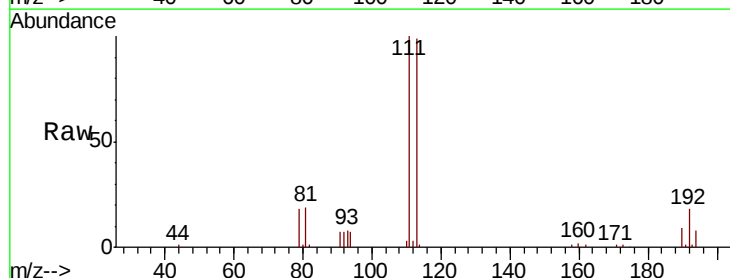
Tgt Ion:113 Resp: 89056

Ion Ratio Lower Upper

113 100

111 103.2 83.7 125.5

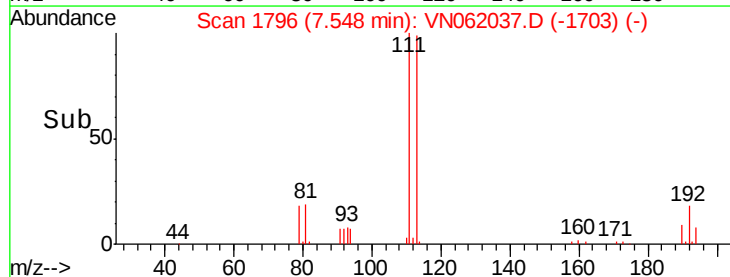
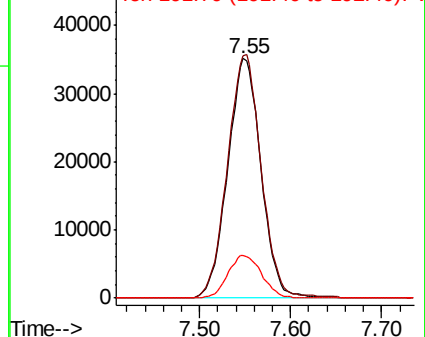
192 18.1 13.9 20.9

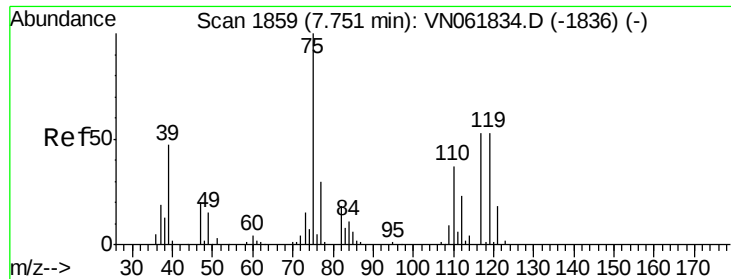


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

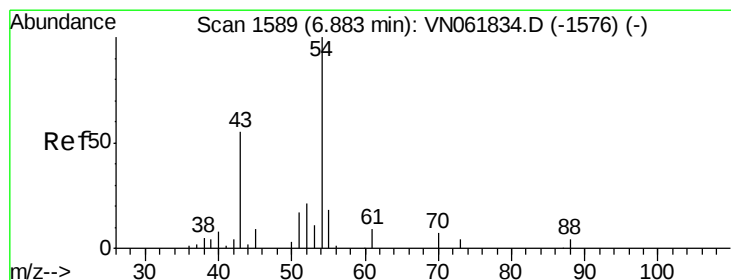
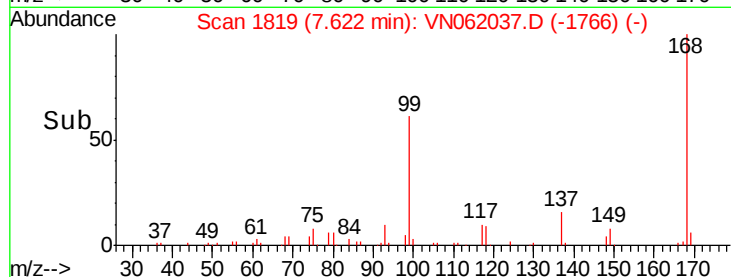
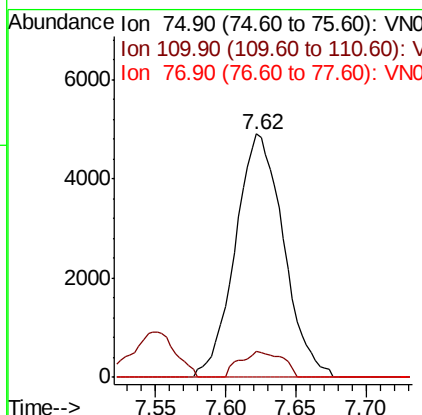
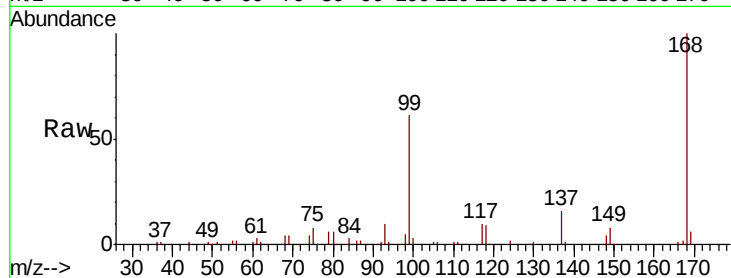




#36
 1,1-Dichloropropene
 Concen: 4.642 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062037.D
 Acq: 23 Jun 2020 7:35

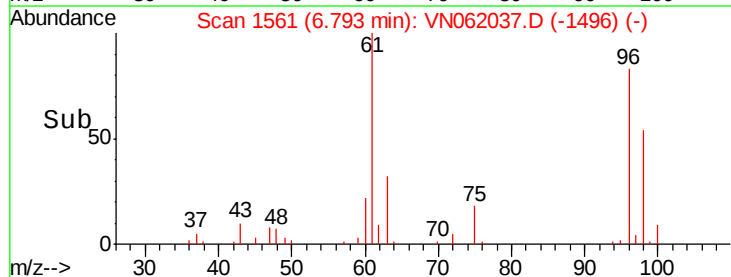
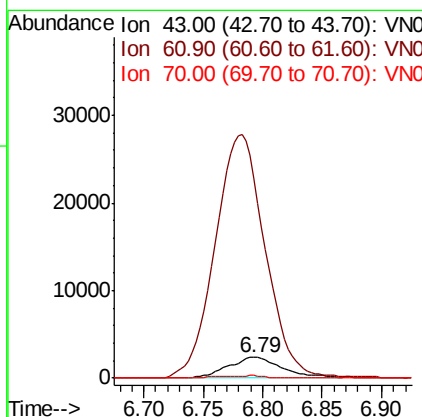
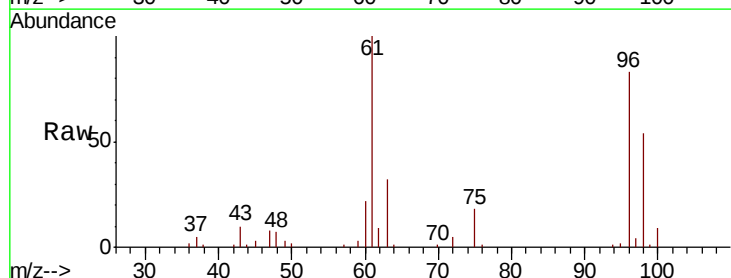
Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW001-200615DL

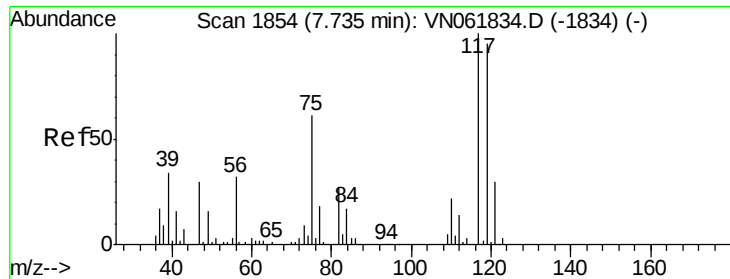
Tot Ion: 75 Resp: 11746
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.2 54.6#
 77 0.0 24.2 36.4#



#37
 Ethyl Acetate
 Concen: 3.804 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.09 min
 Lab File: VN062037.D
 Acq: 23 Jun 2020 7:35

Tgt Ion: 43 Resp: 7516
 Ion Ratio Lower Upper
 43 100
 61 1077.6 13.0 19.4#
 70 3.8 9.4 14.2#





#38

Carbon Tetrachloride

Concen: 5.893 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615DL

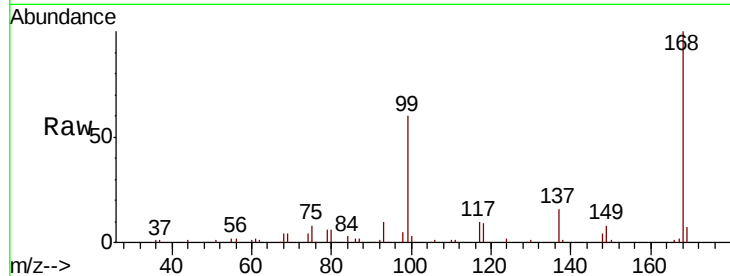
Tot Ion:117 Resp: 14766

Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.6#

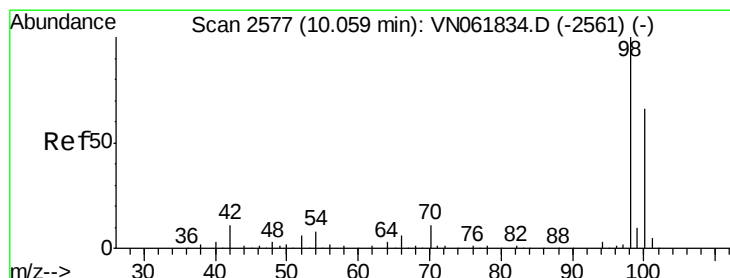
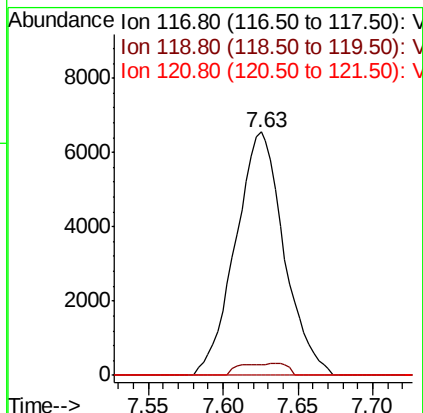
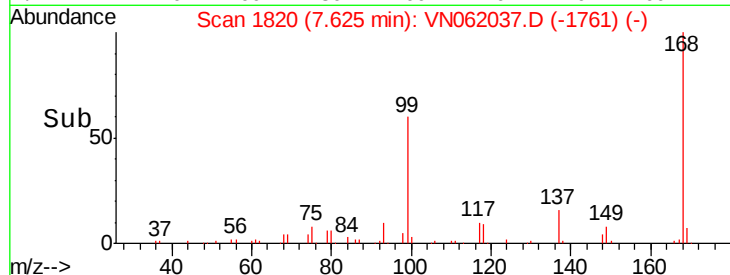
121 0.0 23.8 35.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): 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

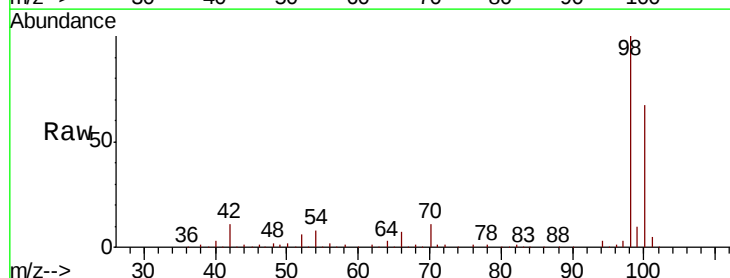
Acq: 23 Jun 2020 7:35

Tgt Ion: 98 Resp: 358577

Ion Ratio Lower Upper

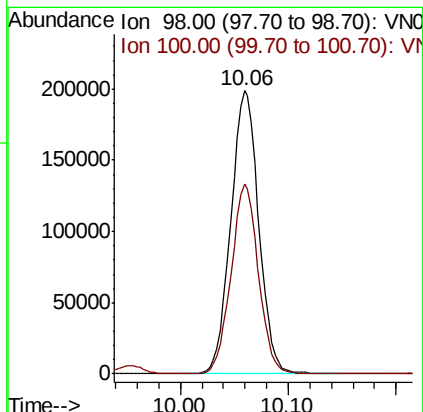
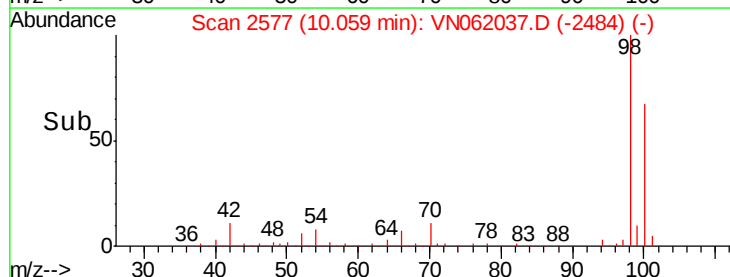
98 100

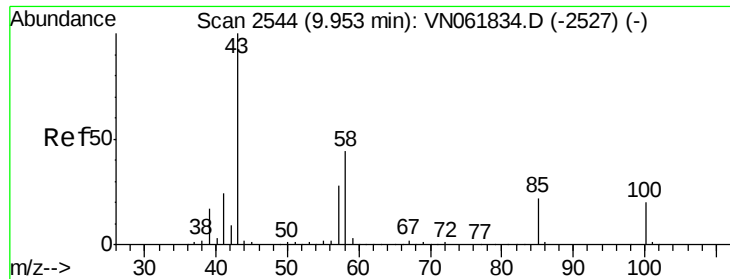
100 65.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#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

Instrument :

MSVOA_N

ClientSampleId :

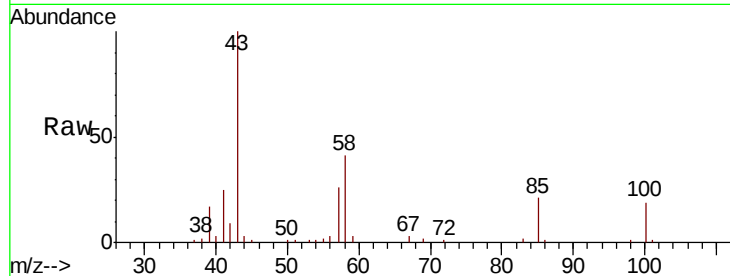
LF001MW001-200615DL

Tot Ion: 43 Resp: 57752

Ion Ratio Lower Upper

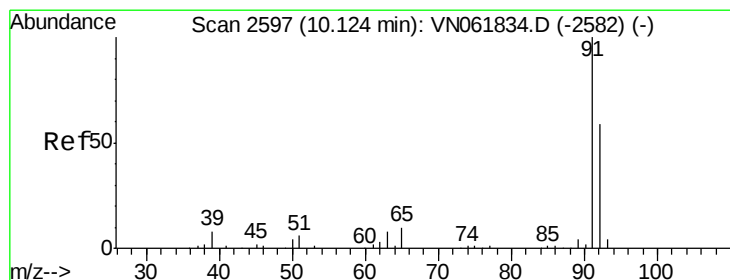
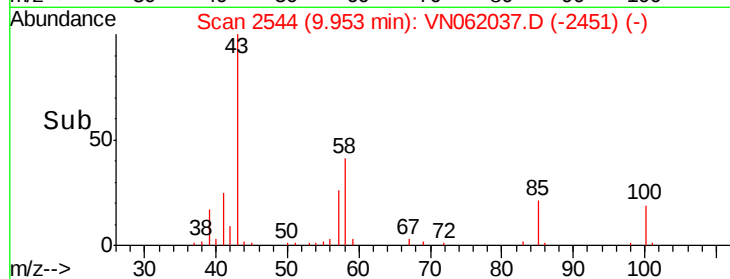
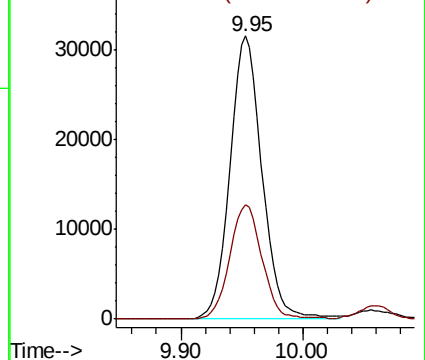
43 100

58 40.5 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 14.551 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062037.D

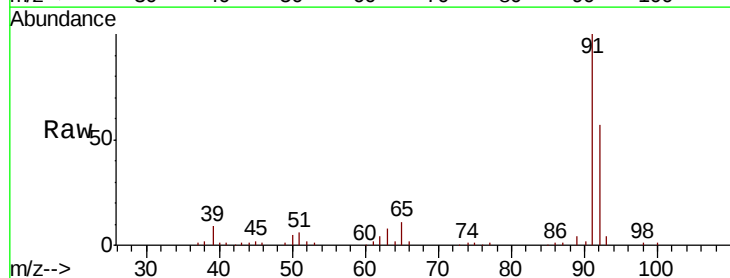
Acq: 23 Jun 2020 7:35

Tgt Ion: 92 Resp: 70050

Ion Ratio Lower Upper

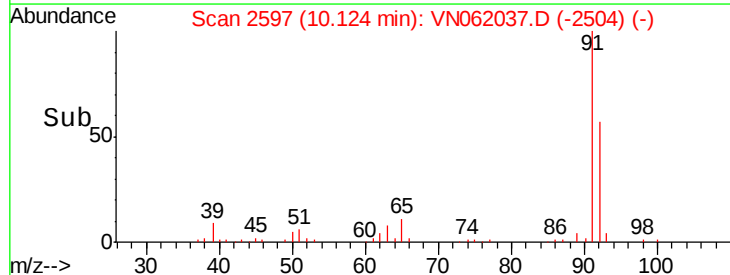
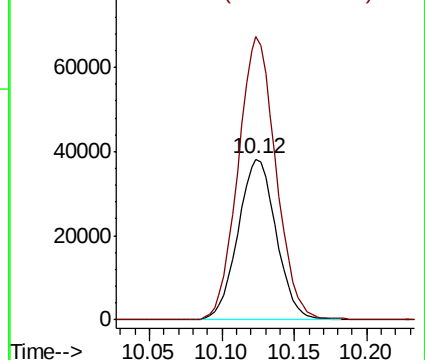
92 100

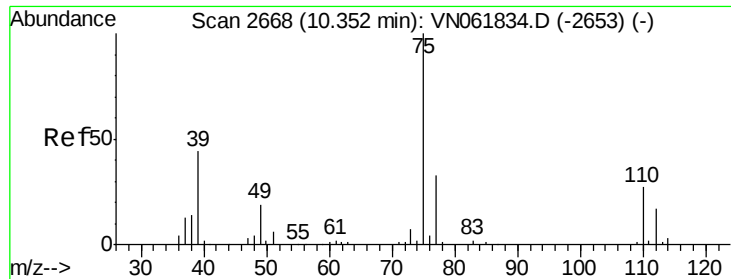
91 174.5 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 0.220 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.23 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

Instrument :

MSVOA_N

ClientSampleId :

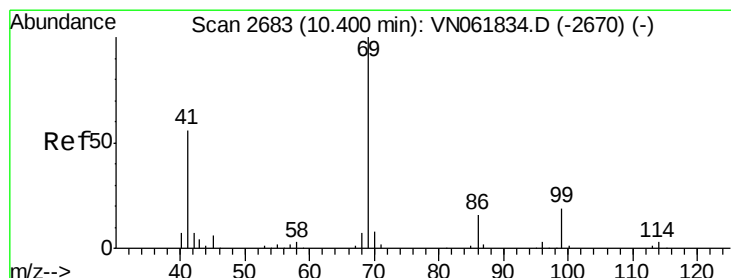
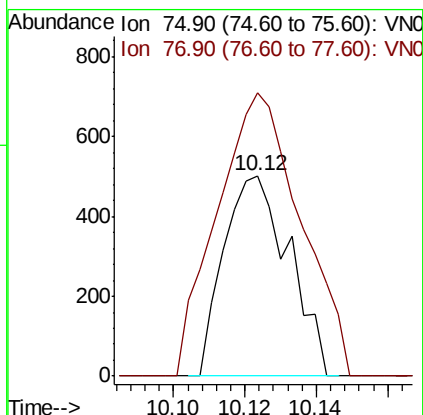
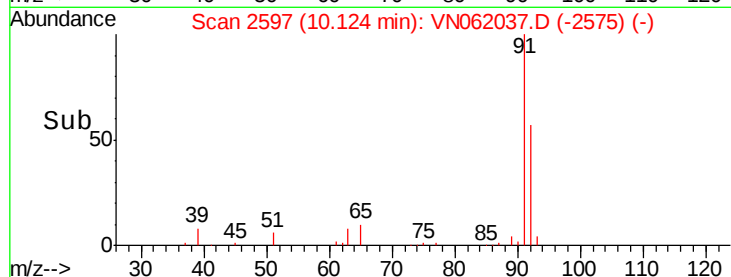
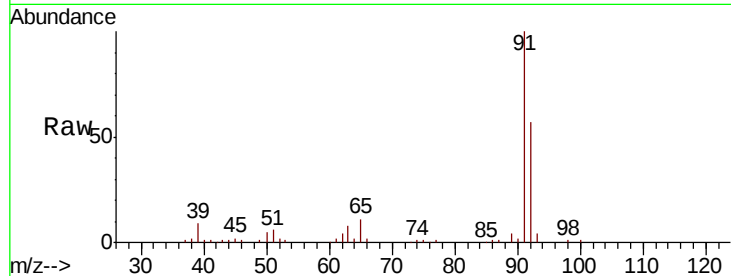
LF001MW001-200615DL

Tot Ion: 75 Resp: 633

Ion Ratio Lower Upper

75 100

77 110.0 26.3 39.5#



#56

Ethyl methacrylate

Concen: 2.944 ug/l

RT: 10.34 min Scan# 2663

Delta R.T. -0.06 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

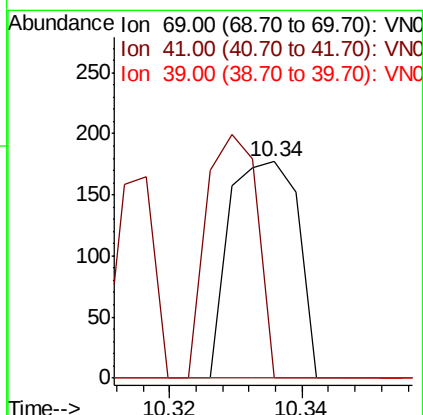
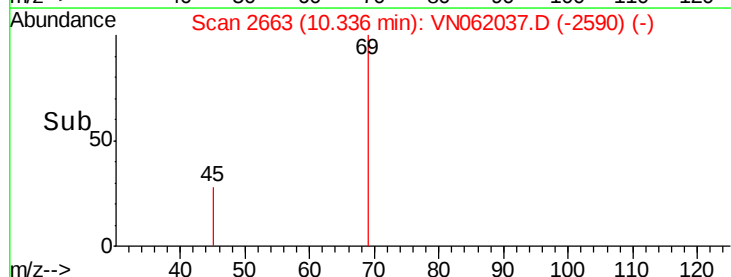
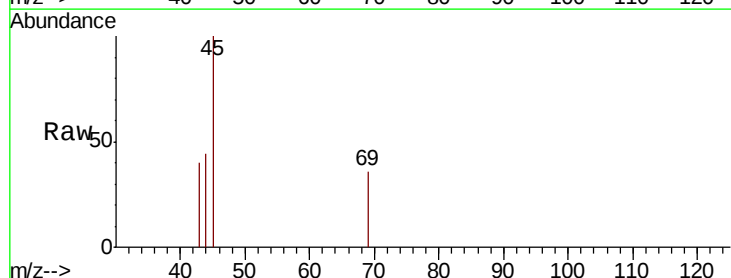
Tgt Ion: 69 Resp: 127

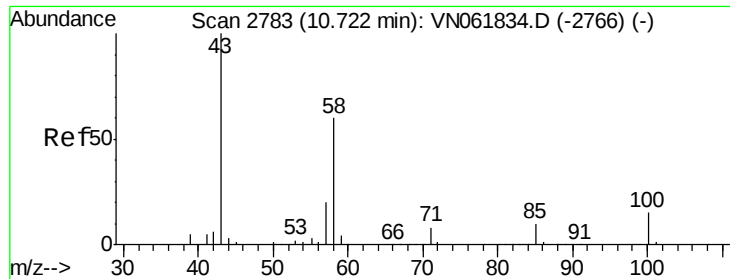
Ion Ratio Lower Upper

69 100

41 83.5 44.9 67.3#

39 0.0 30.0 45.0#





#59

2-Hexanone

Concen: 13.534 ug/l

RT: 10.73 min Scan# 2785

Delta R.T. 0.01 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

Instrument :

MSVOA_N

ClientSampleId :

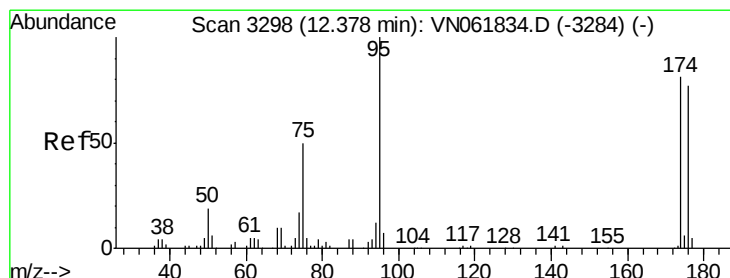
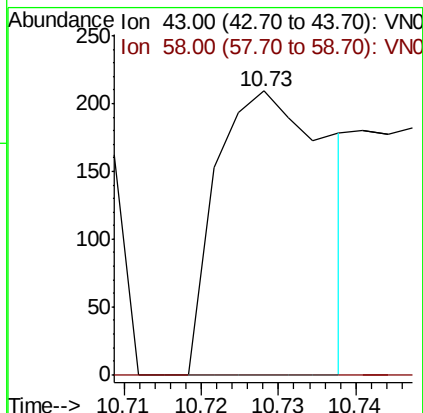
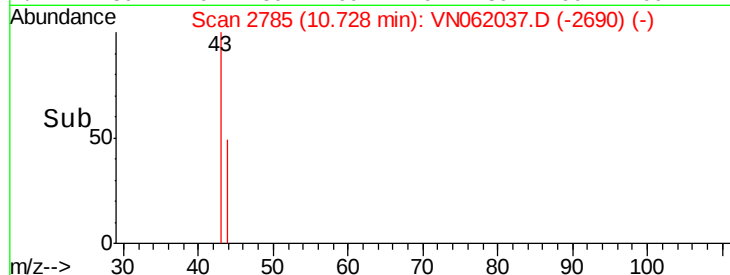
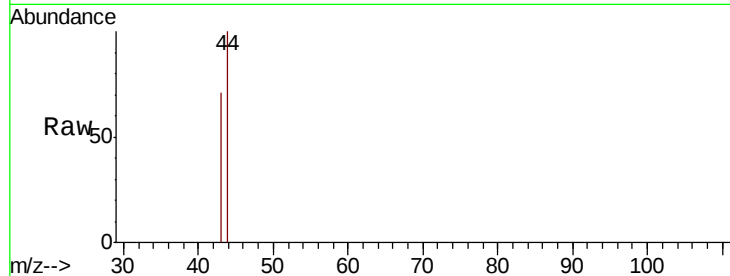
LF001MW001-200615DL

Tot Ion: 43 Resp: 212

Ion Ratio Lower Upper

43 100

58 0.0 30.1 90.5#



#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

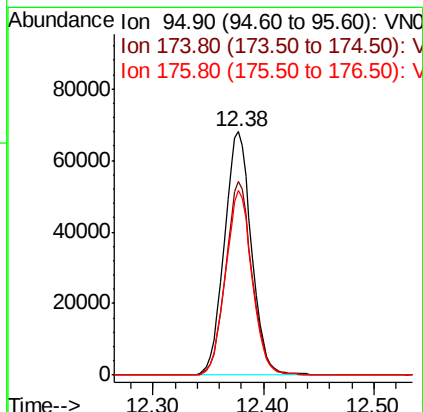
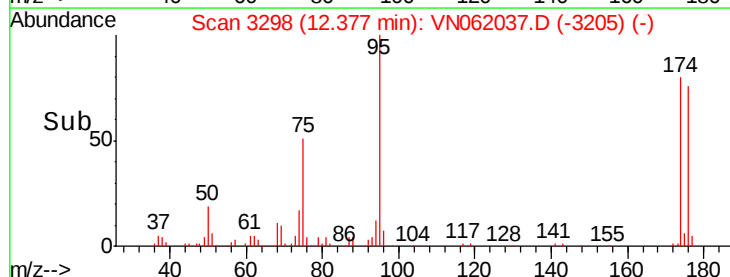
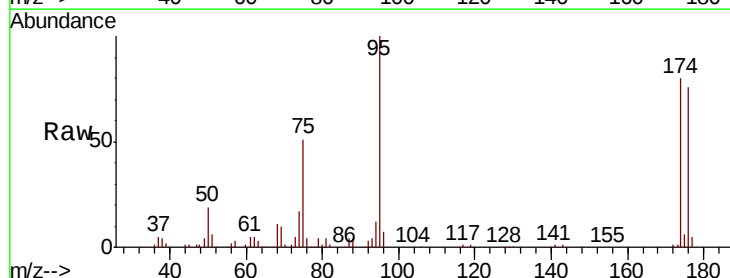
Tgt Ion: 95 Resp: 115736

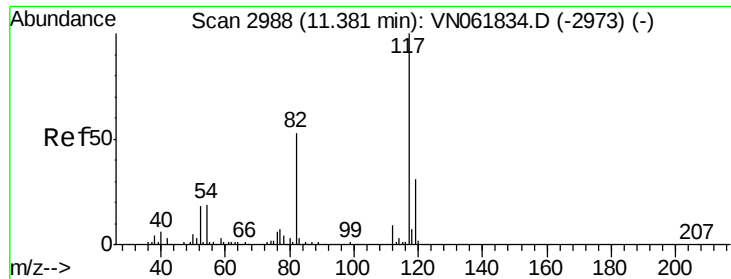
Ion Ratio Lower Upper

95 100

174 77.6 0.0 158.6

176 74.4 0.0 152.0

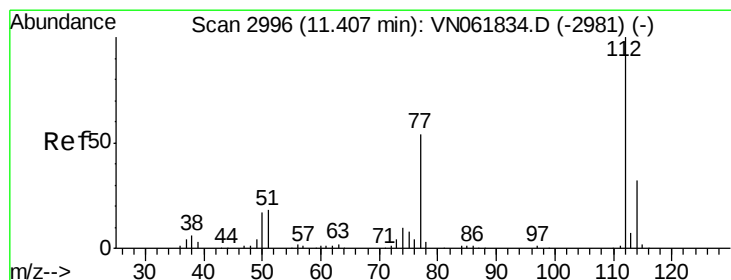
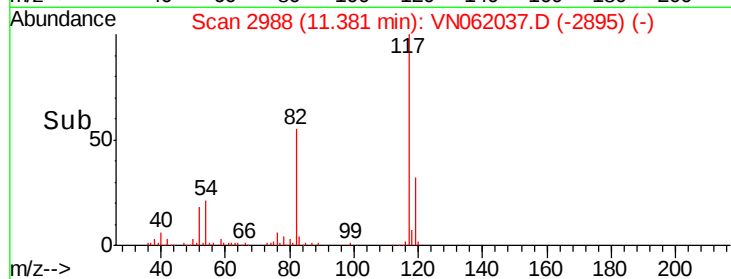
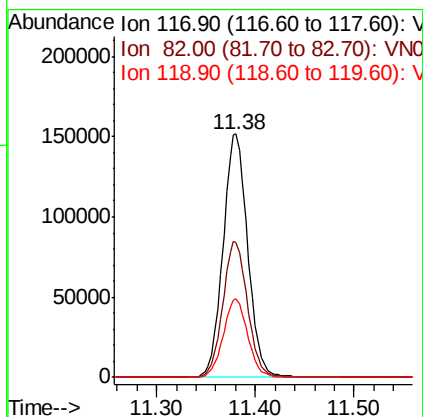
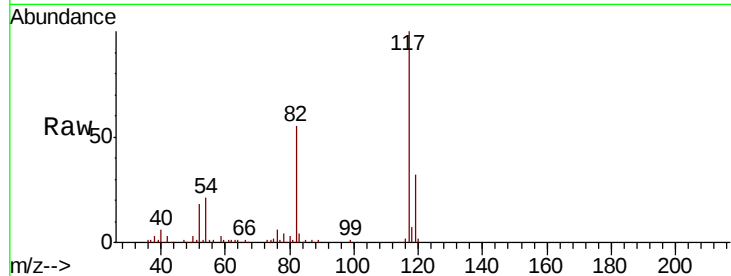




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062037.D
Acq: 23 Jun 2020 7:35

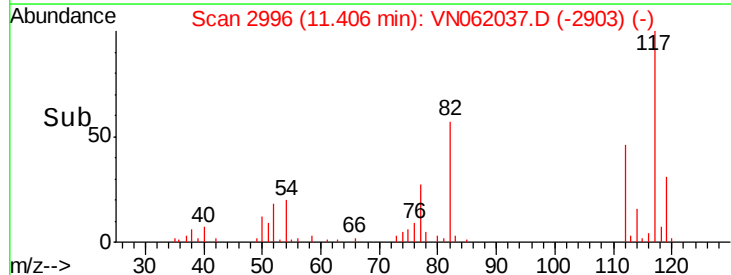
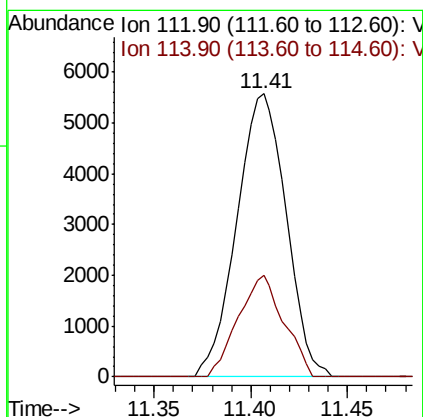
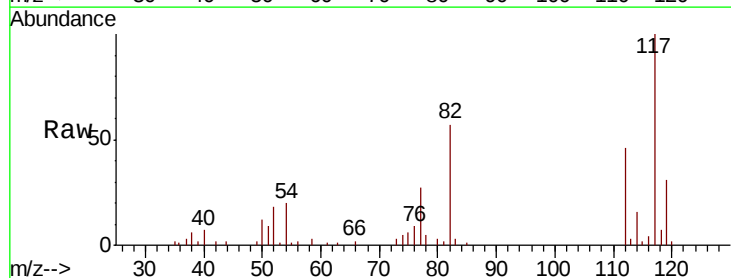
Instrument :
MSVOA_N
ClientSampleId :
LF001MW001-200615DL

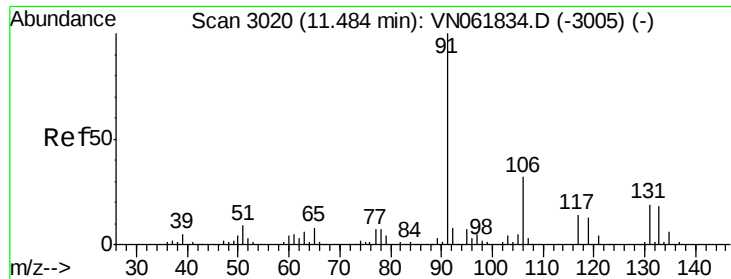
Tot Ion:117 Resp: 265885
Ion Ratio Lower Upper
117 100
82 55.3 42.6 64.0
119 32.0 24.7 37.1



#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

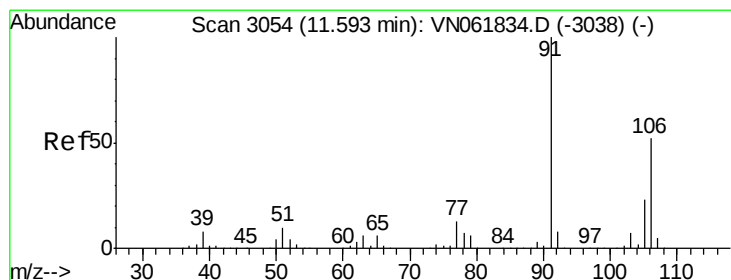
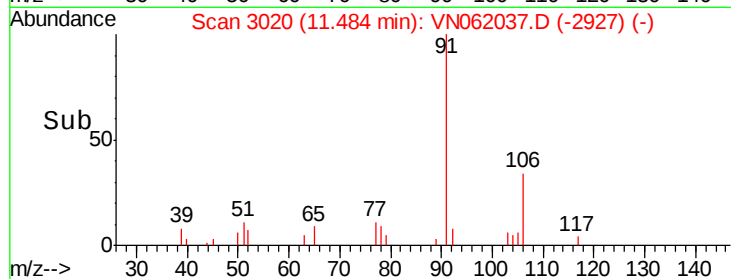
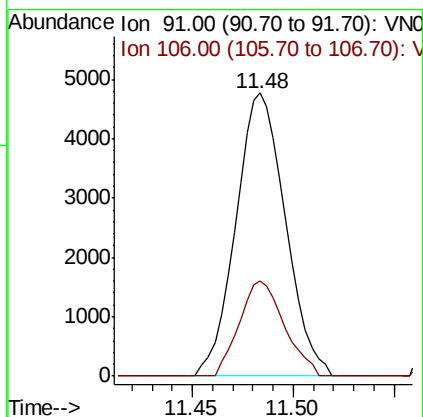
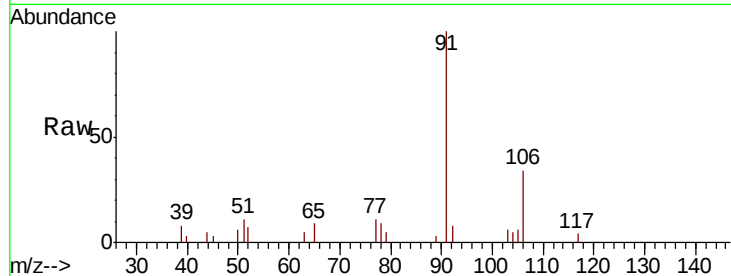




#67
Ethyl Benzene
Concen: 0.872 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062037.D
Acq: 23 Jun 2020 7:35

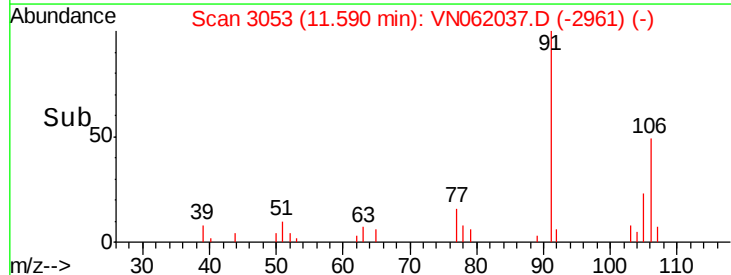
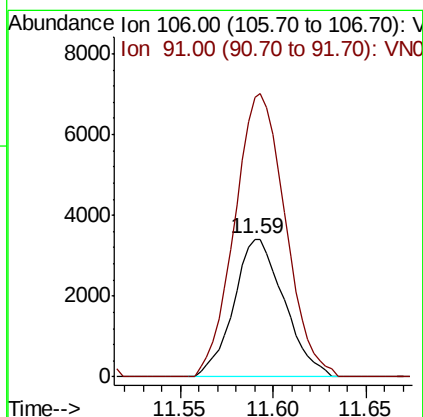
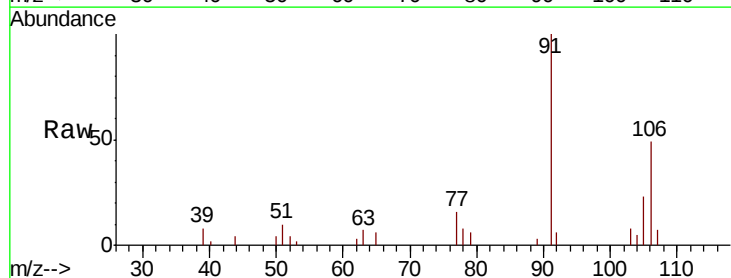
Instrument :
MSVOA_N
ClientSampleId :
LF001MW001-200615DL

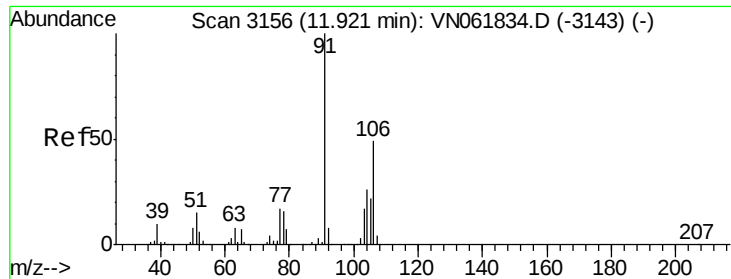
Tot Ion: 91 Resp: 8198
Ion Ratio Lower Upper
91 100
106 33.7 25.4 38.2



#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

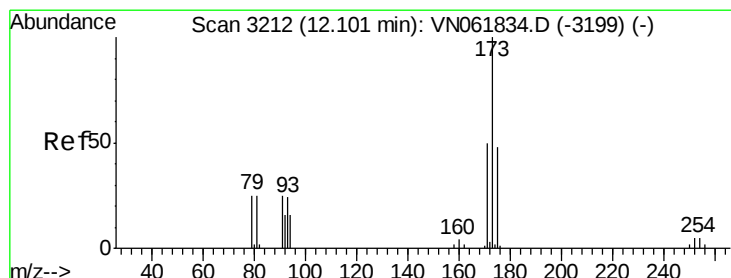
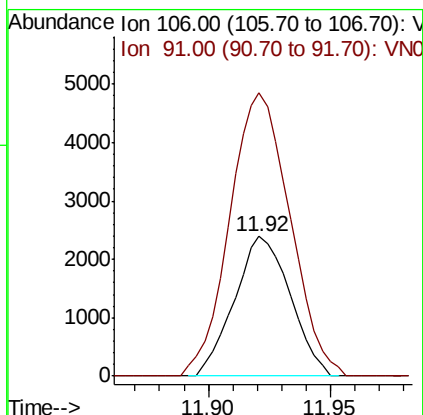
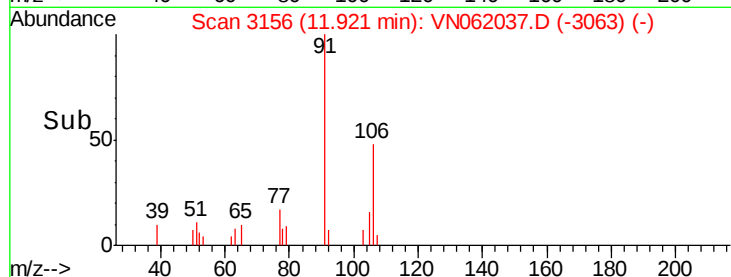
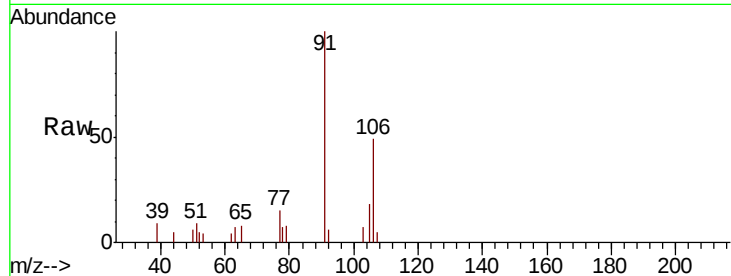




#69
o-Xylene
Concen: 1.093 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062037.D
Acq: 23 Jun 2020 7:35

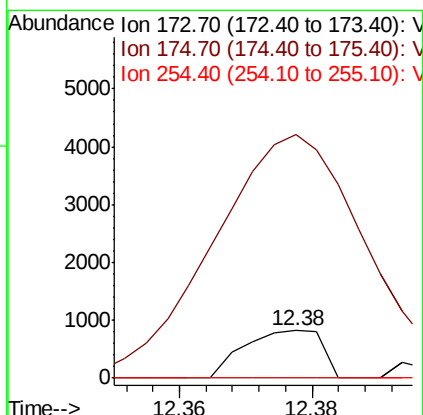
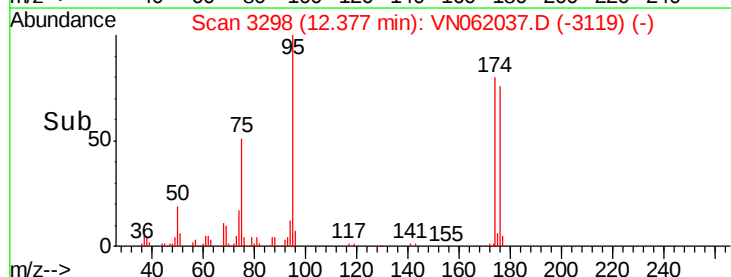
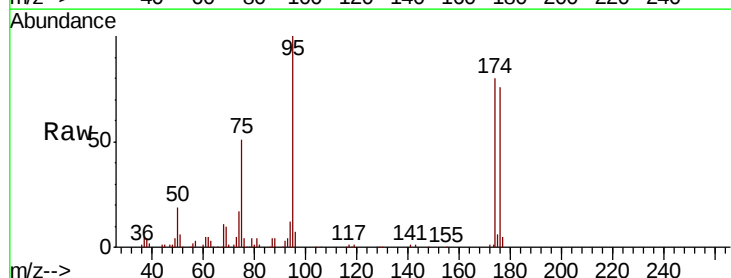
Instrument :
MSVOA_N
ClientSampleId :
LF001MW001-200615DL

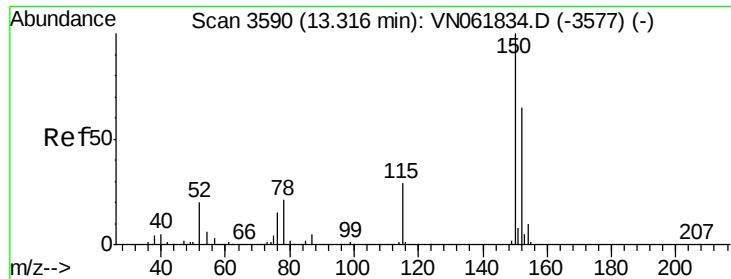
Tot Ion:106 Resp: 3784
Ion Ratio Lower Upper
106 100
91 219.5 103.0 308.9



#71
Bromoform
Concen: 0.471 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN062037.D
Acq: 23 Jun 2020 7:35

Tgt Ion:173 Resp: 672
Ion Ratio Lower Upper
173 100
175 879.2 23.9 71.7#
254 0.0 0.0 0.0





#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

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615DL

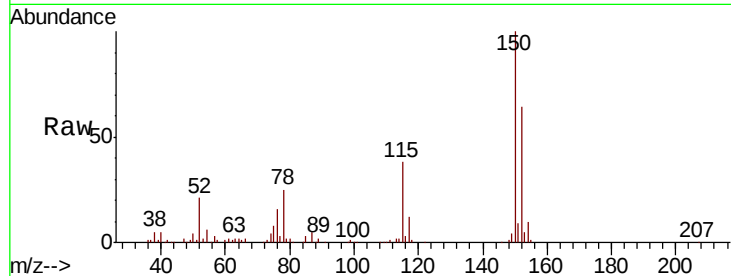
Tot Ion:152 Resp: 102343

Ion Ratio Lower Upper

152 100

115 59.4 29.1 87.3

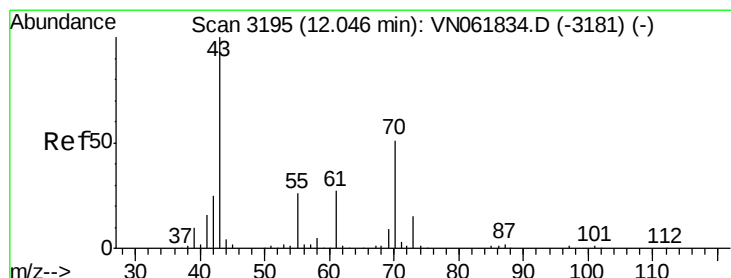
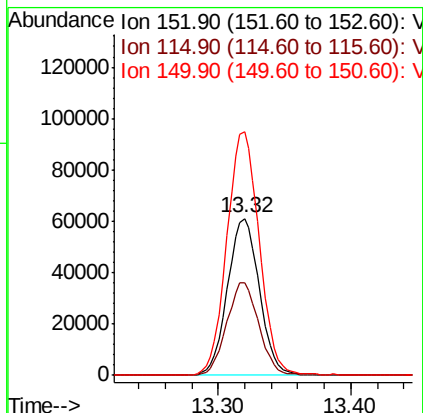
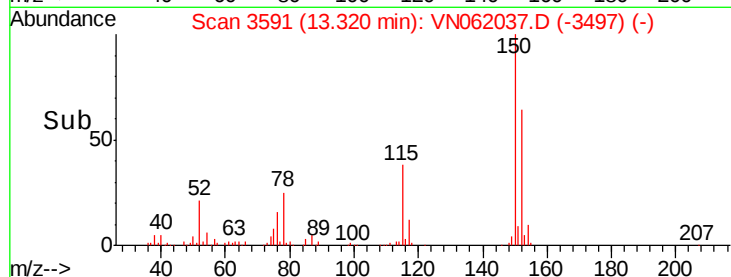
150 157.3 0.0 347.6



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



#74

N-ethyl acetate

Concen: 3.085 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.02 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

Tgt Ion: 43 Resp: 59

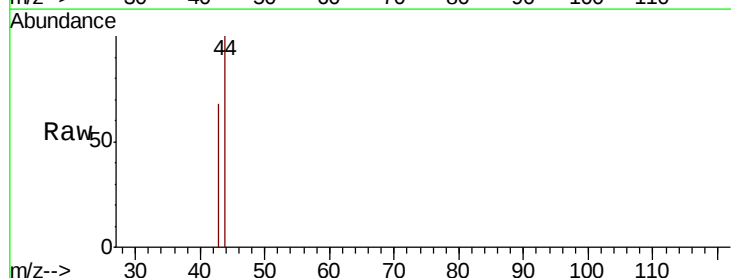
Ion Ratio Lower Upper

43 100

70 0.0 40.6 60.8#

55 0.0 21.5 32.3#

61 0.0 21.6 32.4#

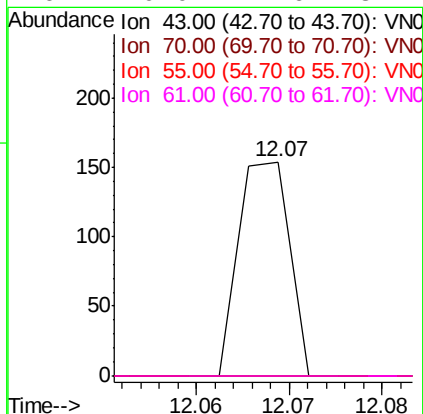
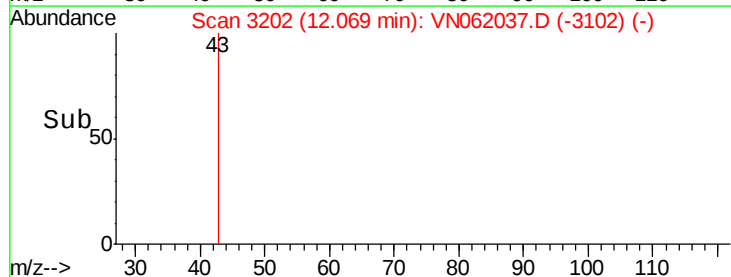


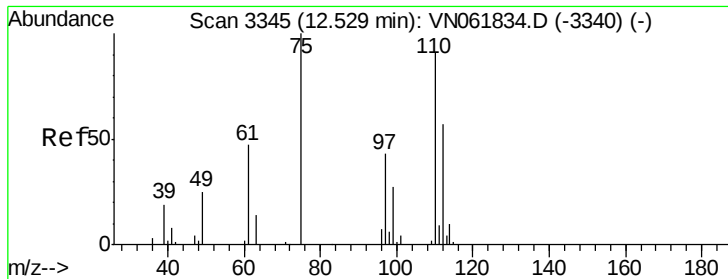
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 28.753 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

Instrument :

MSVOA_N

ClientSampleId :

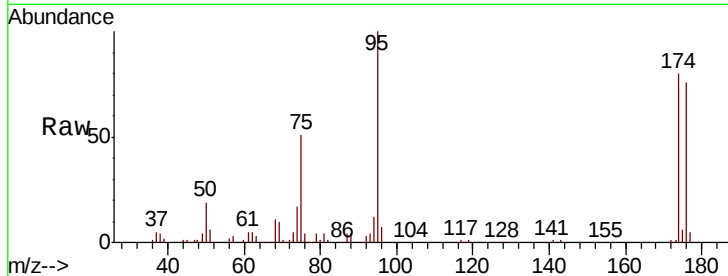
LF001MW001-200615DL

Tot Ion: 75 Resp: 57772

Ion Ratio Lower Upper

75 100

77 0.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061834.D (-3340) (-)

12.38

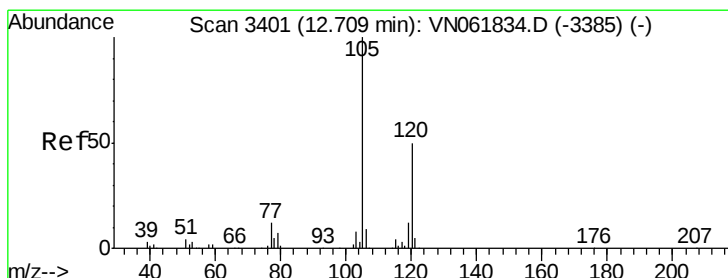
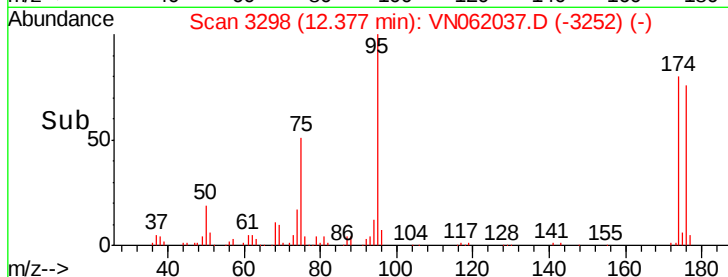
30000

20000

10000

0

Time--> 12.30 12.35 12.40 12.45



#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

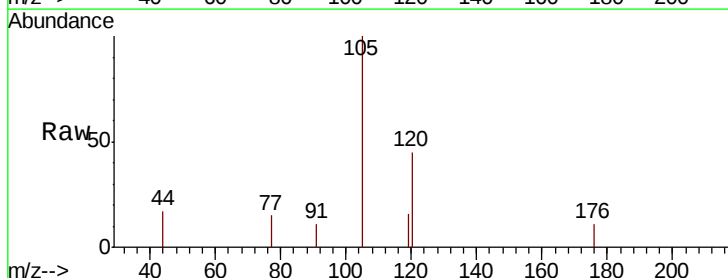
Acq: 23 Jun 2020 7:35

Tgt Ion: 105 Resp: 2207

Ion Ratio Lower Upper

105 100

120 51.4 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN061834.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061834.D (-3385) (-)

12.71

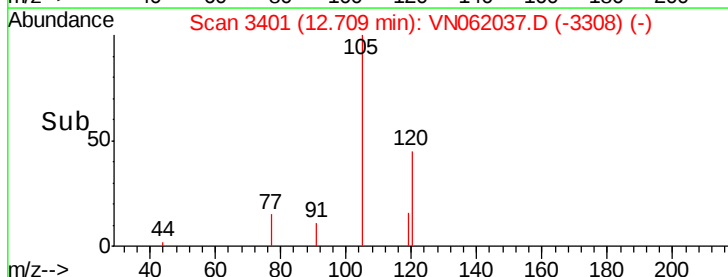
1500

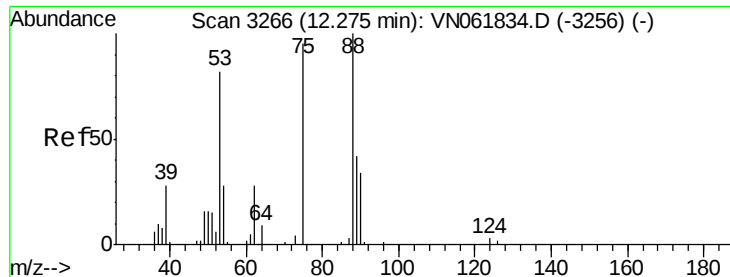
1000

500

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 78.422 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615DL

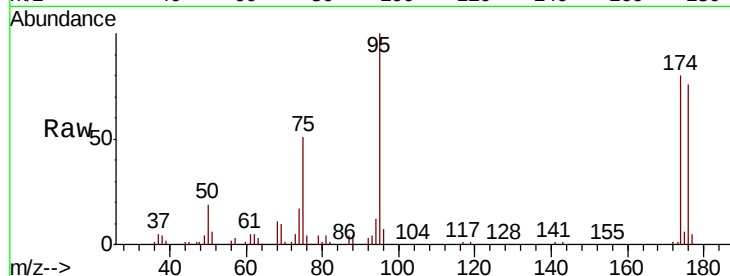
Tot Ion: 75 Resp: 57772

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

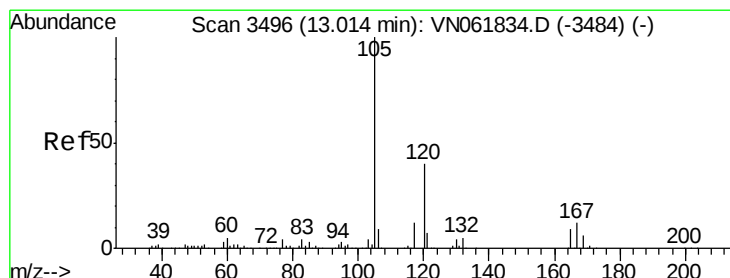
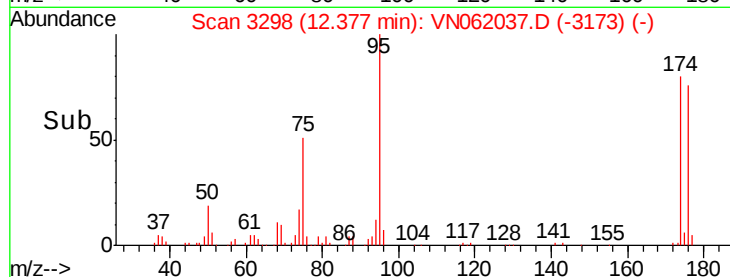
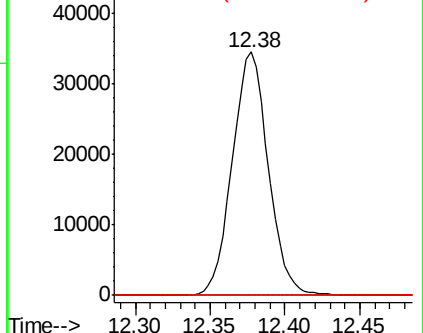
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061834.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061834.D (-3256) (-)



#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

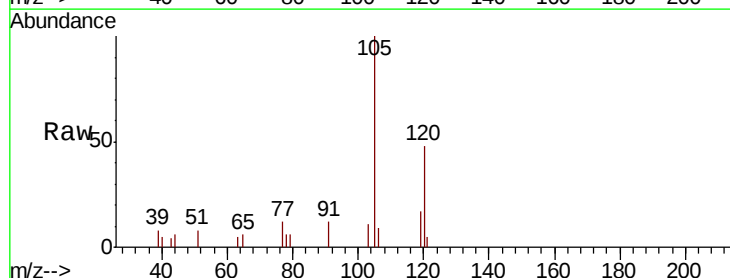
Acq: 23 Jun 2020 7:35

Tgt Ion: 105 Resp: 5790

Ion Ratio Lower Upper

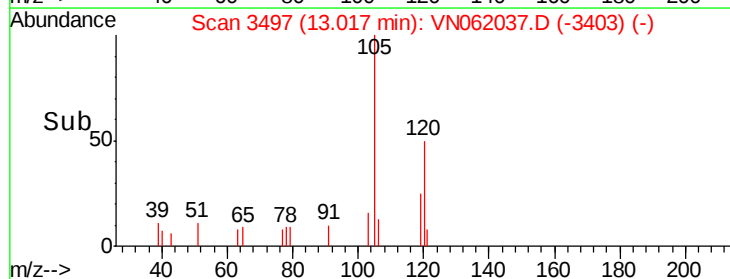
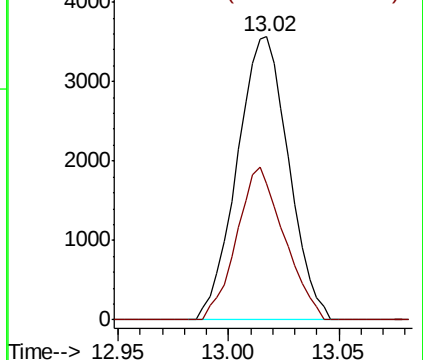
105 100

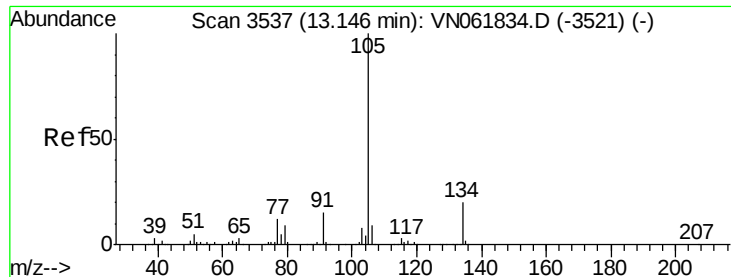
120 49.8 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN061834.D (-3484) (-)

Ion 120.00 (119.70 to 120.70): VN061834.D (-3484) (-)





#85

sec-Butylbenzene

Concen: 0.867 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. -0.13 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

Instrument :

MSVOA_N

ClientSampleId :

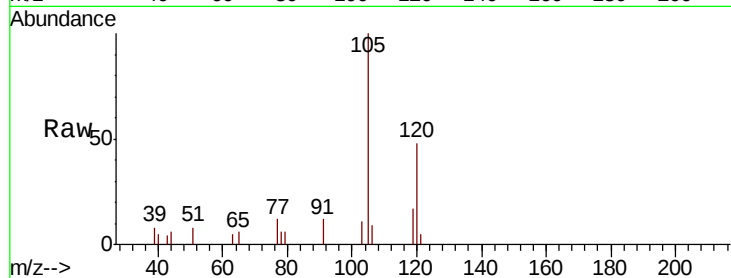
LF001MW001-200615DL

Tot Ion:105 Resp: 5790

Ion Ratio Lower Upper

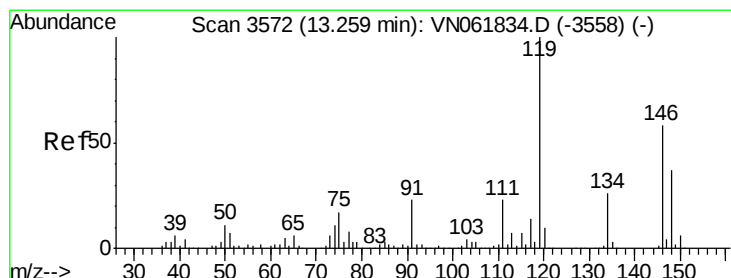
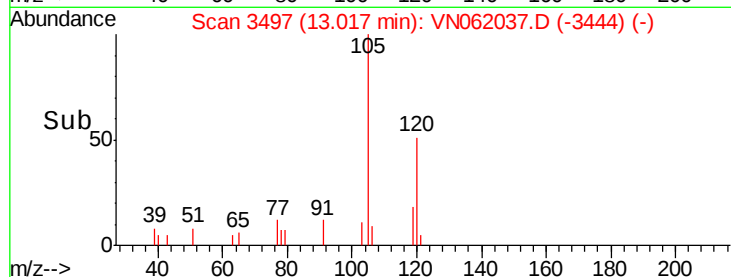
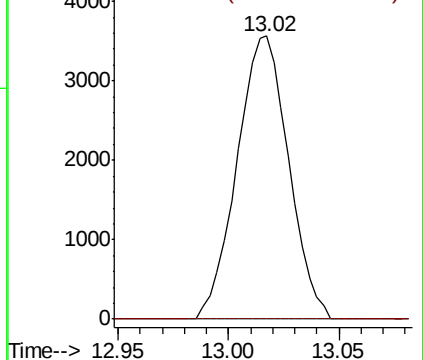
105 100

134 0.0 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#87

1,3-Dichlorobenzene

Concen: 0.216 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062037.D

Acq: 23 Jun 2020 7:35

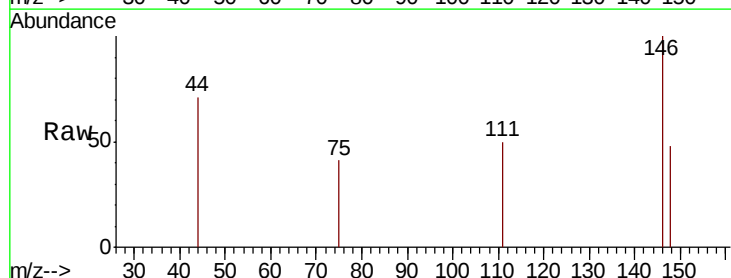
Tgt Ion:146 Resp: 724

Ion Ratio Lower Upper

146 100

111 33.7 19.6 58.8

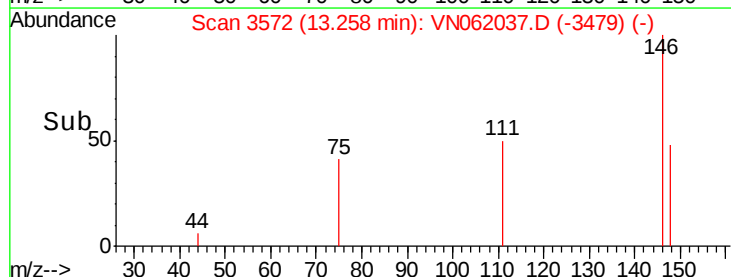
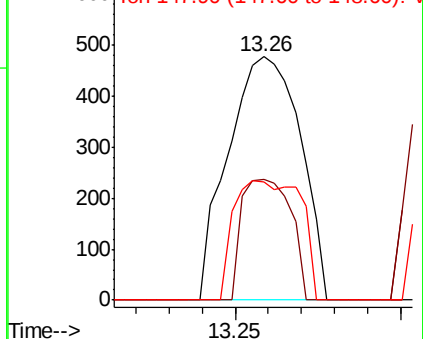
148 45.4 31.8 95.4

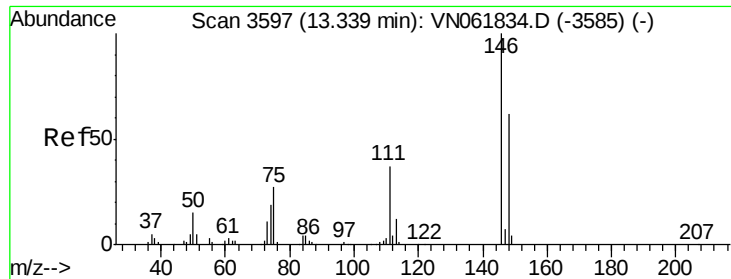


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

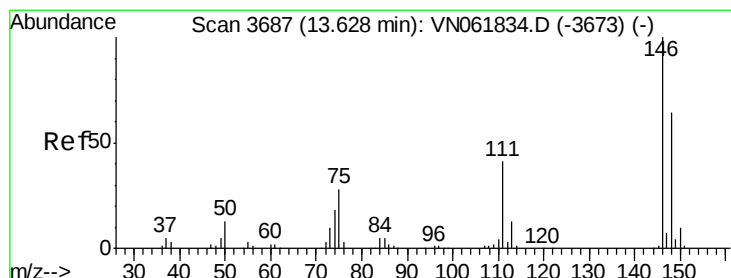
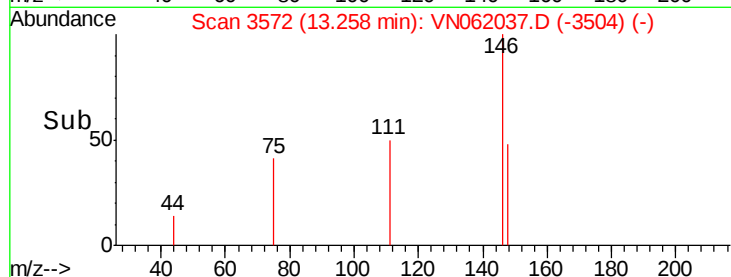
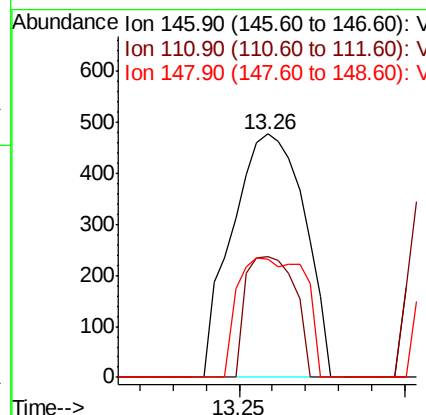
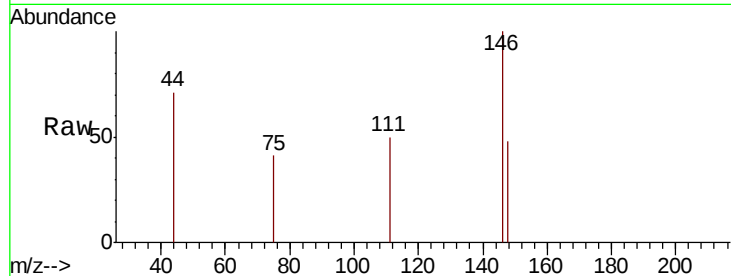




#88
 1,4-Dichlorobenzene
 Concen: 0.211 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.08 min
 Lab File: VN062037.D
 Acq: 23 Jun 2020 7:35

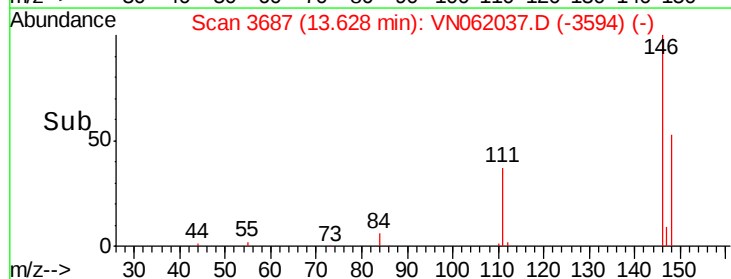
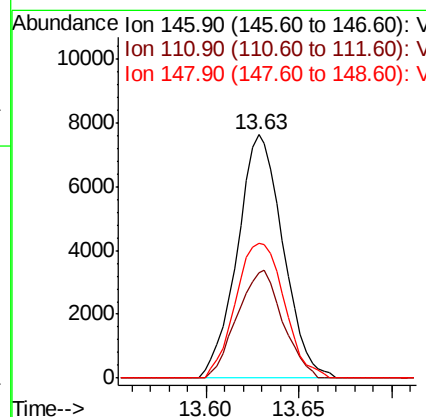
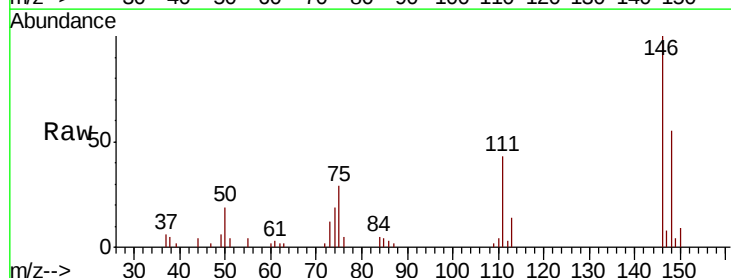
Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW001-200615DL

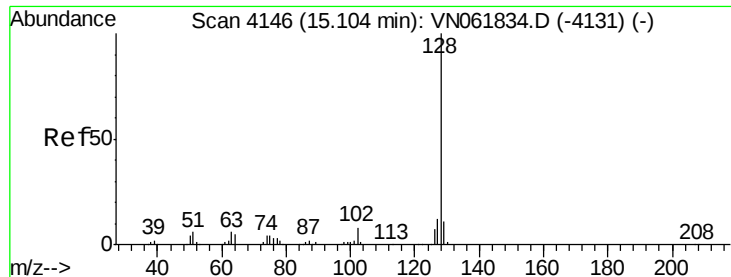
Tot Ion:146 Resp: 724
 Ion Ratio Lower Upper
 146 100
 111 33.7 19.3 57.8
 148 45.4 31.6 94.7



#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

Tgt Ion:146 Resp: 13028
 Ion Ratio Lower Upper
 146 100
 111 43.9 20.4 61.2
 148 59.1 31.8 95.4





#95

Naphthalene

Concen: 3.811 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062037.D

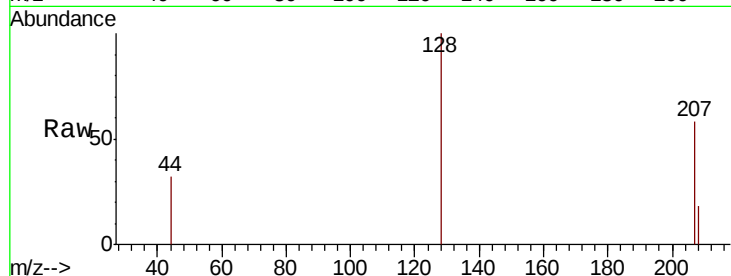
Acq: 23 Jun 2020 7:35

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615DL



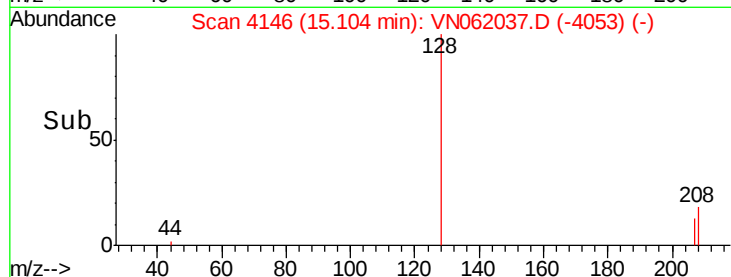
Tot Ion:128 Resp: 1792

Ion Ratio Lower Upper

128 100

127 3.4 10.3 15.5#

129 0.0 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

