

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056051.D
 Acq On : 6 Jun 2019 17:26
 Operator : JC/SP
 Sample : K3203-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW100-190604

Quant Time: Jun 07 05:27:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	343831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	511229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	479437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	177676	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	7.59	113	157163	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.09	98	643826	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.40	95	202174	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	31	0.363	ug/l #	42
4) Vinyl Chloride	2.18	62	3011685	805.551	ug/l	99
11) Tert butyl alcohol	4.82	59	950	1.599	ug/l #	74
12) 1,1-Dichloroethene	3.72	96	125323	43.418	ug/l	94
16) Acetone	3.83	43	1341	0.821	ug/l #	41
18) Methyl Acetate	4.34	43	3366	0.477	ug/l #	75
21) trans-1,2-Dichloroethene	5.03	96	2529	0.818	ug/l	91
22) Diisopropyl ether	5.96	45	16699	1.772	ug/l	94
23) Vinyl Acetate	5.95	43	8089	1.090	ug/l #	71
24) 1,1-Dichloroethane	5.84	63	1468	0.270	ug/l #	83
27) cis-1,2-Dichloroethene	6.83	96	338647	93.154	ug/l	89
31) Cyclohexane	7.65	56	27400	5.058	ug/l #	75
36) 1,1-Dichloropropene	7.66	75	19950	4.538	ug/l #	48
38) Carbon Tetrachloride	7.66	117	27957	6.898	ug/l #	16
39) Methylcyclohexane	9.08	83	26626	4.862	ug/l	99
40) Benzene	8.04	78	138135	10.346	ug/l	100
42) 1,2-Dichloroethane	8.04	62	991	0.231	ug/l	89
44) Trichloroethene	8.83	130	184253	48.027	ug/l	99
45) 1,2-Dichloropropane	9.12	63	2265	0.662	ug/l	91
48) Methyl methacrylate	9.08	41	12177	3.927	ug/l #	72
52) Toluene	10.16	92	3015	0.363	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	1127	0.342	ug/l #	88
65) Chlorobenzene	11.43	112	4964	0.520	ug/l	97
67) Ethyl Benzene	11.51	91	5105	0.308	ug/l	91
71) Bromoform	12.40	173	1335	3.198	ug/l #	1
73) Isopropylbenzene	12.25	105	5919	Below Cal		99
76) 1,2,3-Trichloropropane	12.40	75	91685	32.310	ug/l #	100
79) 2-Chlorotoluene	12.59	91	798	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	91685	107.599	ug/l #	15
83) tert-Butylbenzene	12.99	119	68	Below Cal	#	28
88) 1,4-Dichlorobenzene	13.36	146	2491	0.507	ug/l #	53
91) 1,2-Dichlorobenzene	13.65	146	6311	1.223	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

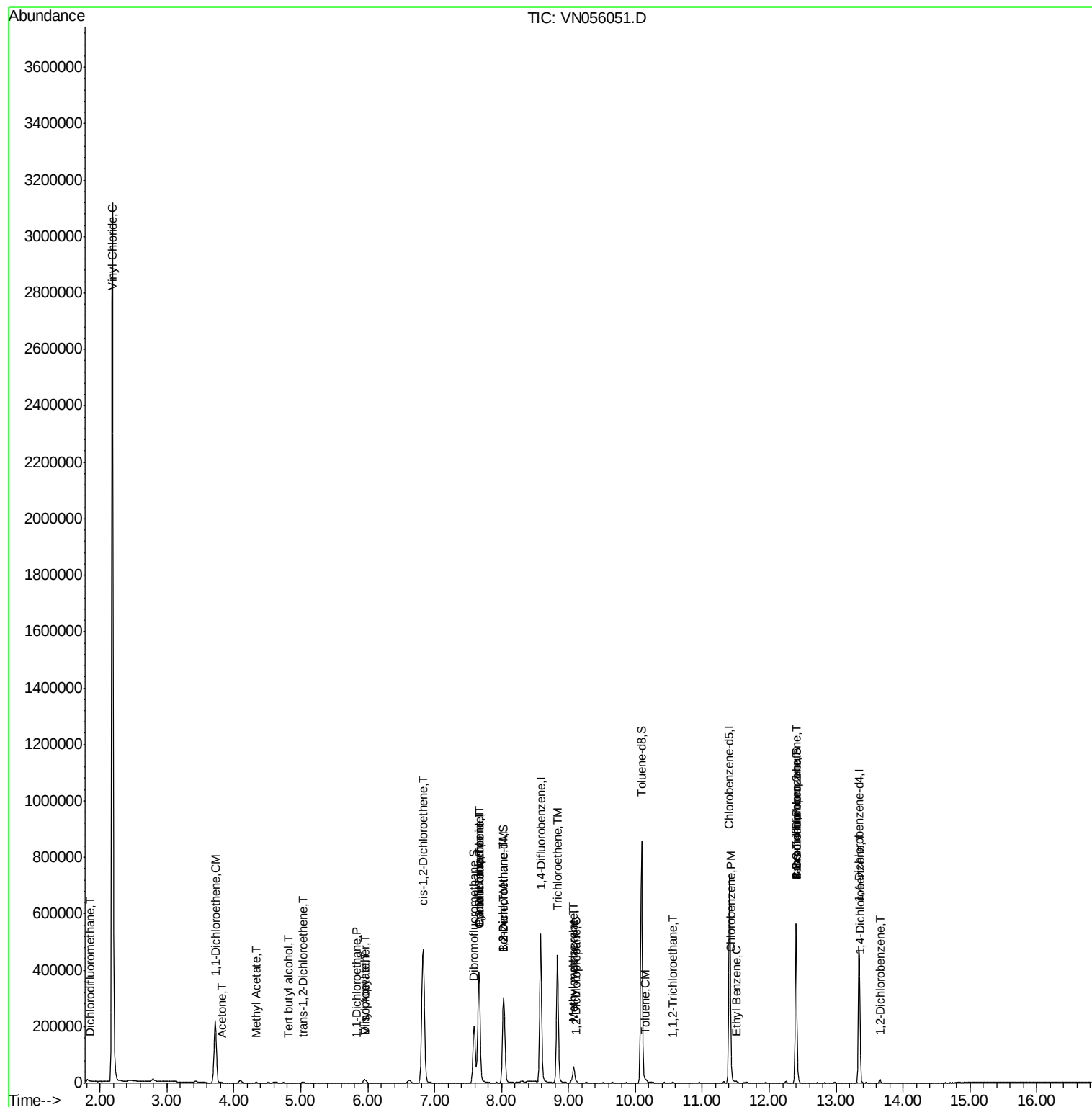
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

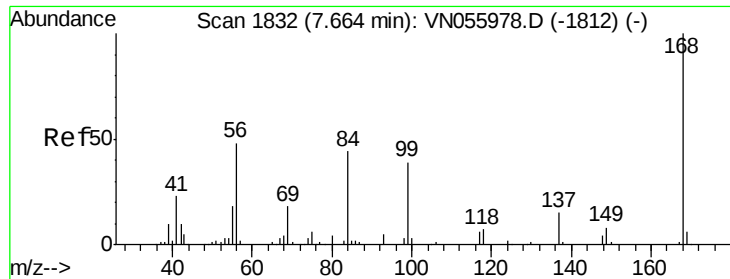
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

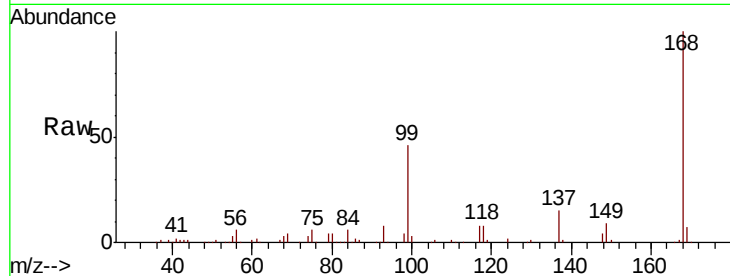
LF015MW100-190604

Tot Ion:168 Resp: 343831

Ion Ratio Lower Upper

168 100

99 45.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

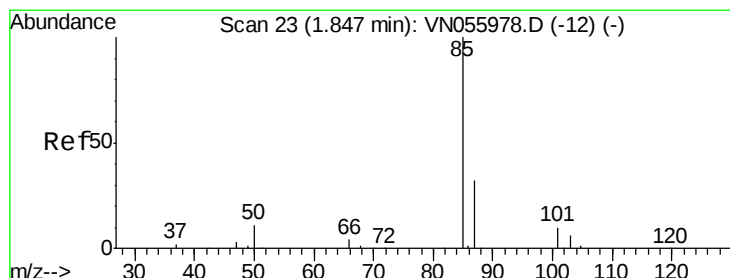
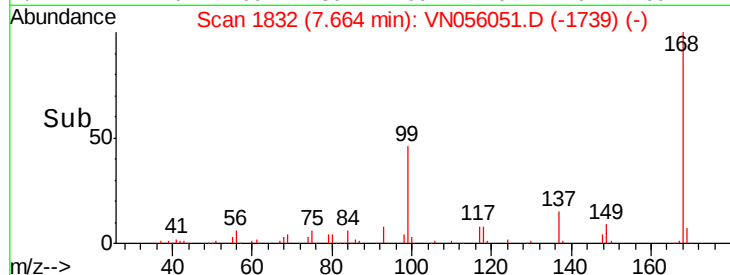
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.363 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056051.D

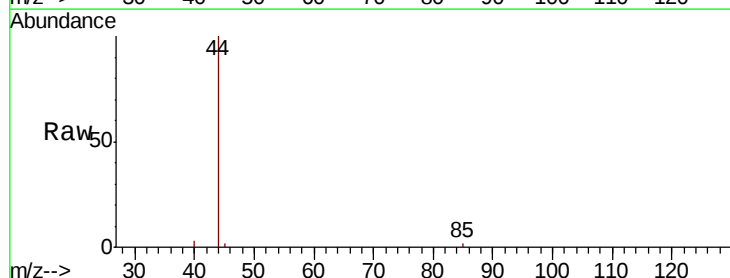
Acq: 6 Jun 2019 17:26

Tgt Ion: 85 Resp: 31

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VN055978.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055978.D (-12) (-)

1.85

150

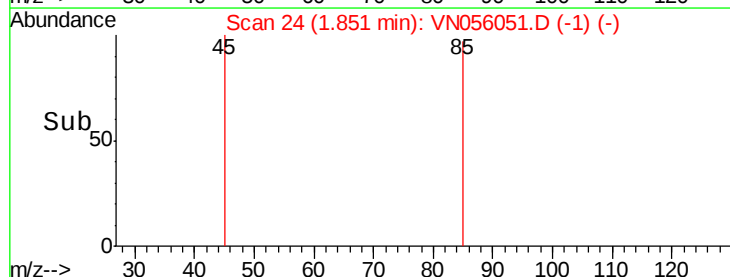
100

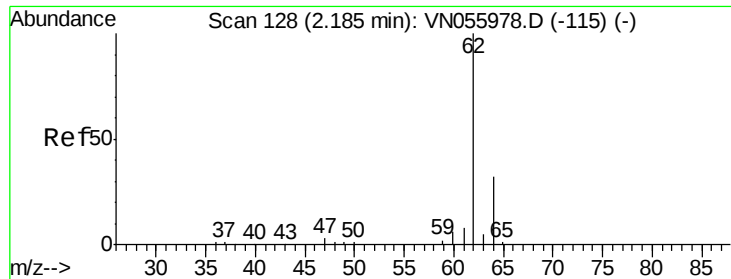
50

0

1.84 1.85 1.86 1.86

Time-->





#4

Vinyl Chloride

Concen: 805.551 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

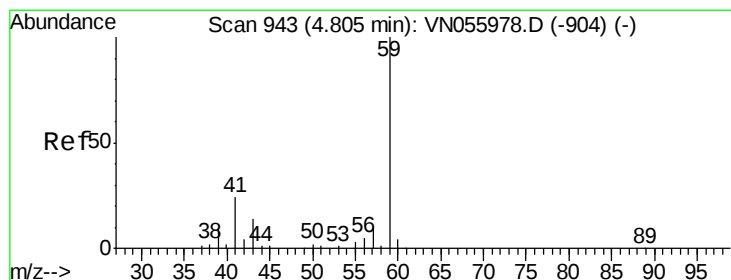
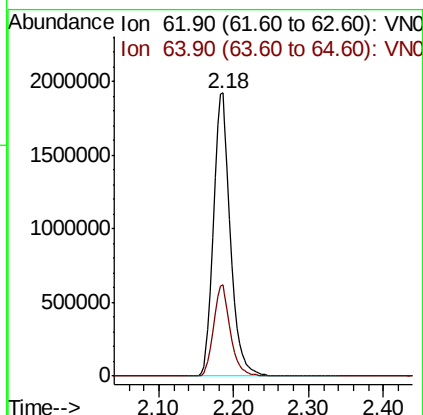
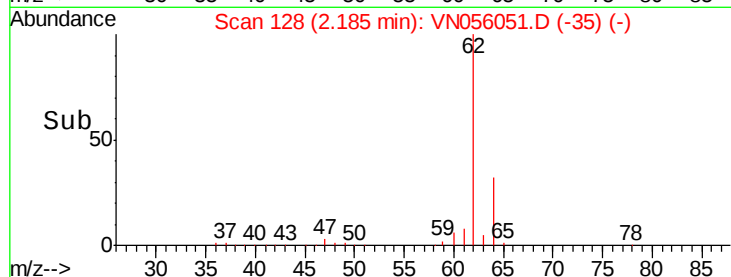
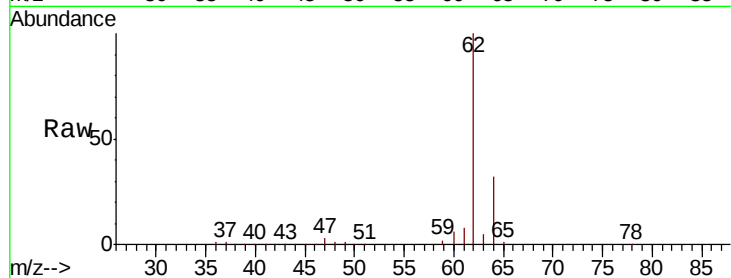
LF015MW100-190604

Tot Ion: 62 Resp: 3011685

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4



#11

Tert butyl alcohol

Concen: 1.599 ug/l

RT: 4.82 min Scan# 948

Delta R.T. 0.02 min

Lab File: VN056051.D

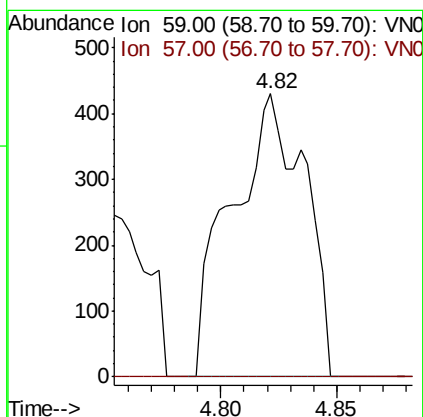
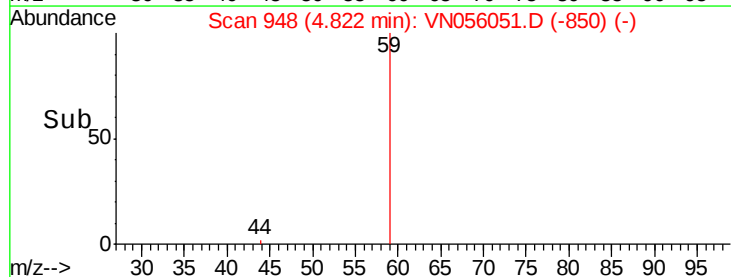
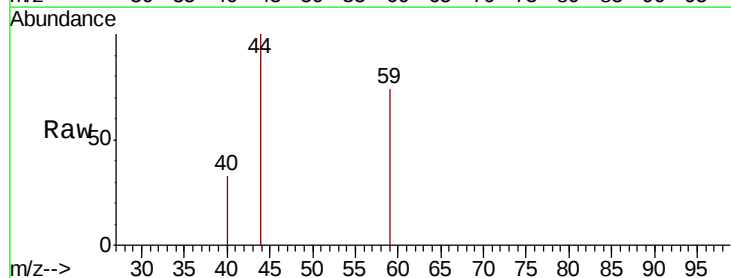
Acq: 6 Jun 2019 17:26

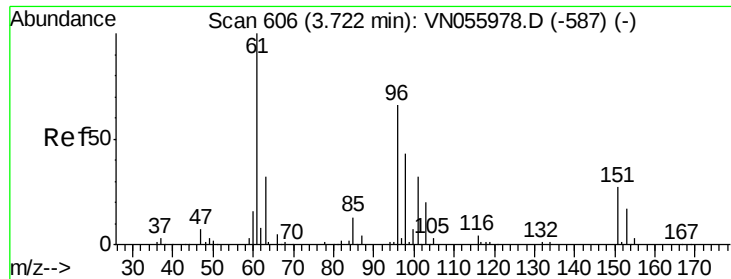
Tgt Ion: 59 Resp: 950

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#

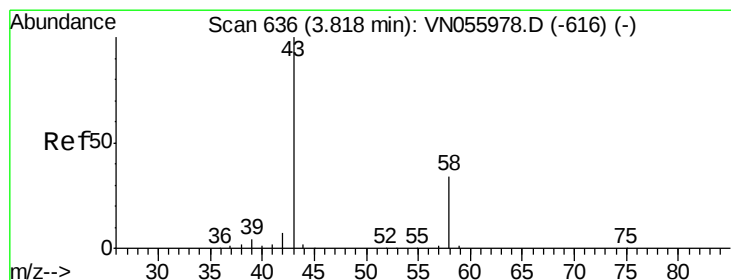
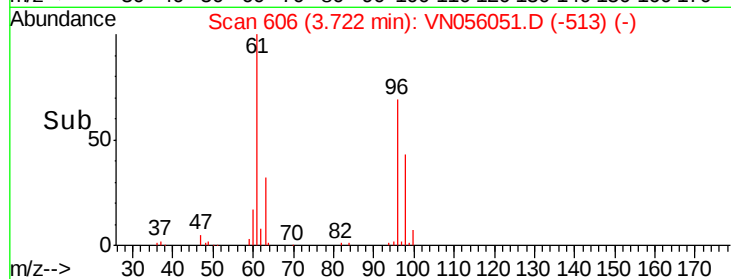
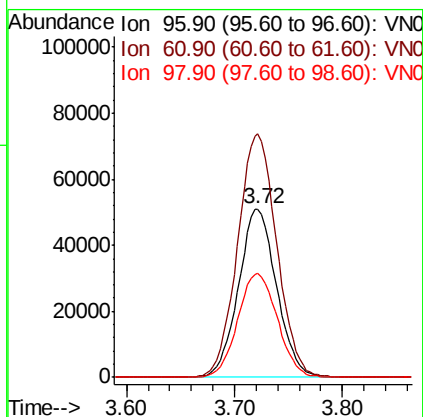
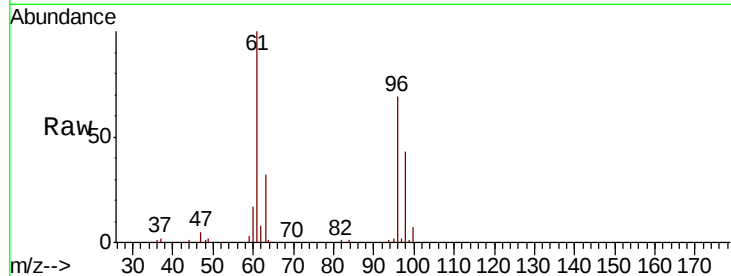




#12
 1,1-Dichloroethene
 Concen: 43.418 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN056051.D
 Acq: 6 Jun 2019 17:26

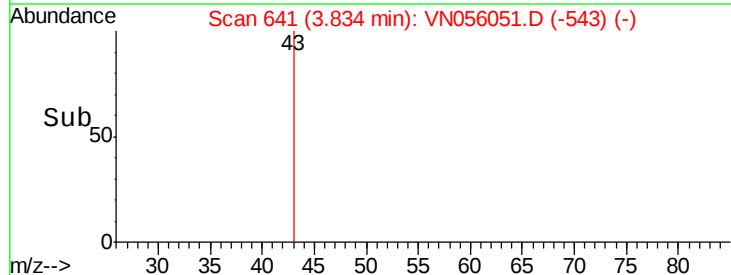
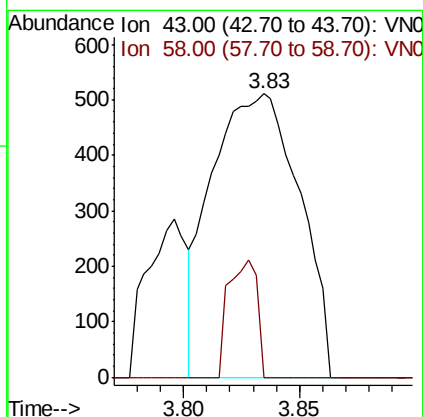
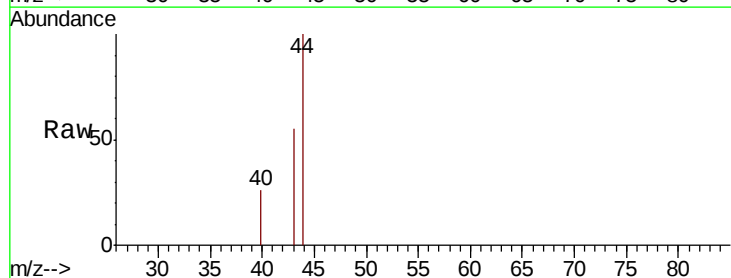
Instrument :
 MSVOA_N
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 LF015MW100-190604

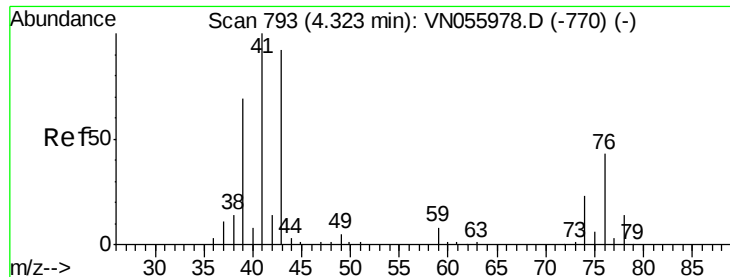
Tot Ion: 96 Resp: 125323
 Ion Ratio Lower Upper
 96 100
 61 144.6 123.2 184.8
 98 61.6 50.4 75.6



#16
 Acetone
 Concen: 0.821 ug/l
 RT: 3.83 min Scan# 641
 Delta R.T. 0.02 min
 Lab File: VN056051.D
 Acq: 6 Jun 2019 17:26

Tgt Ion: 43 Resp: 1341
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.6 39.8#





#18

Methyl Acetate

Concen: 0.477 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

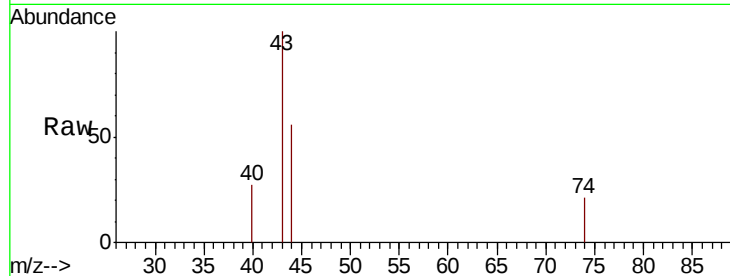
LF015MW100-190604

Tot Ion: 43 Resp: 3366

Ion Ratio Lower Upper

43 100

74 11.8 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

1200

1000

800

600

400

200

0

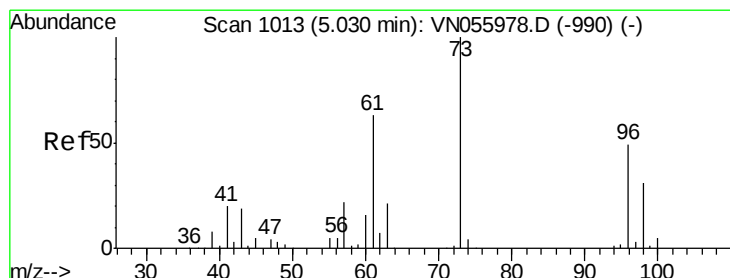
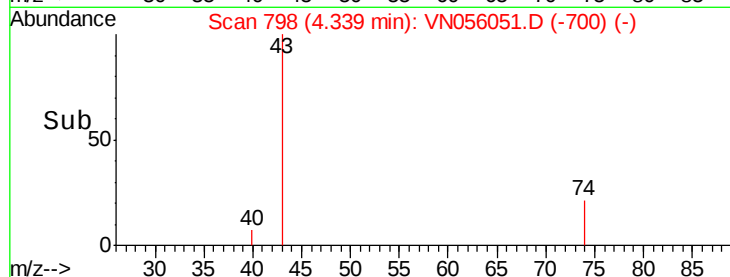
4.25

4.30

4.35

4.40

Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.818 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

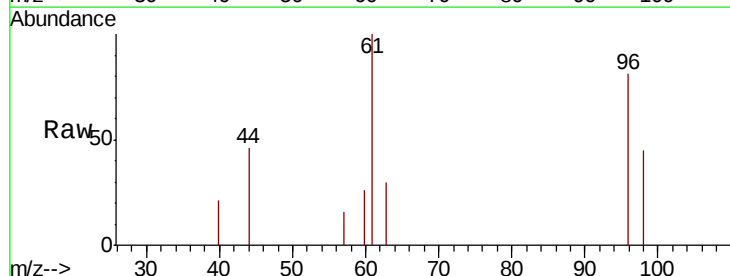
Tgt Ion: 96 Resp: 2529

Ion Ratio Lower Upper

96 100

61 124.0 107.8 161.8

98 56.1 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

1500

1000

500

0

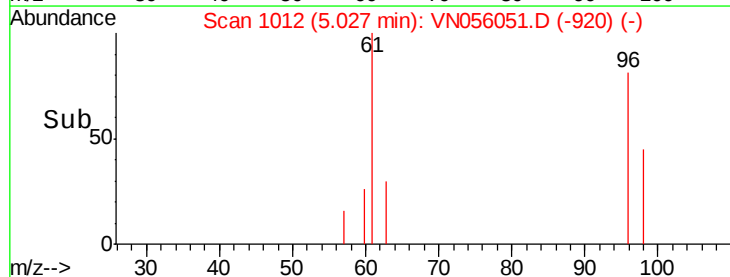
4.95

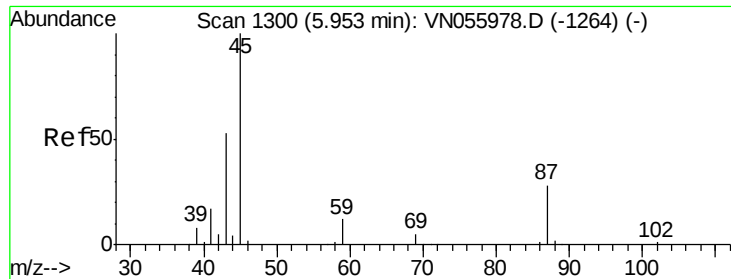
5.00

5.05

5.10

Time-->

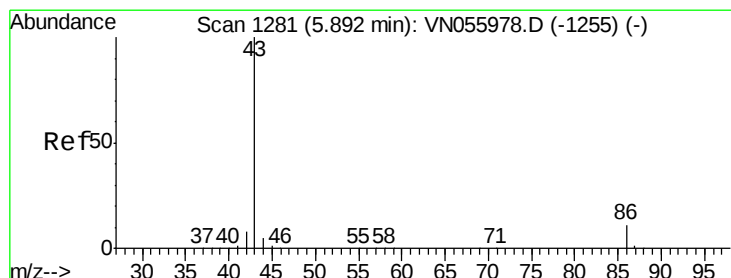
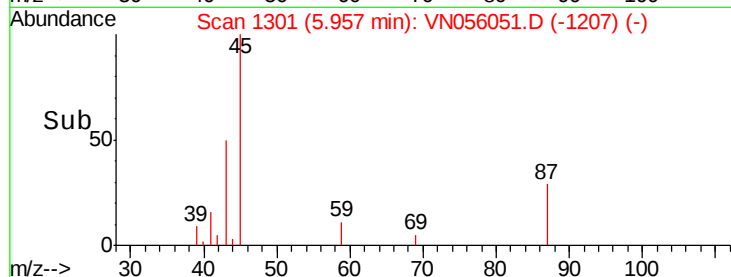
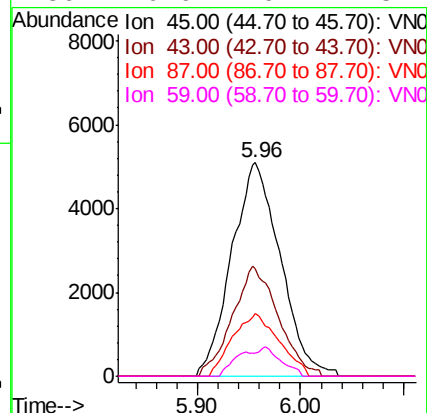
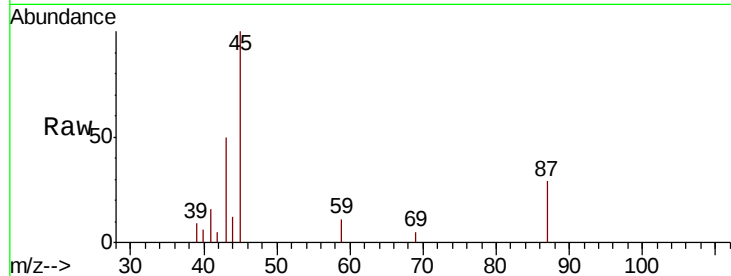




#22
Diisopropyl ether
Concen: 1.772 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

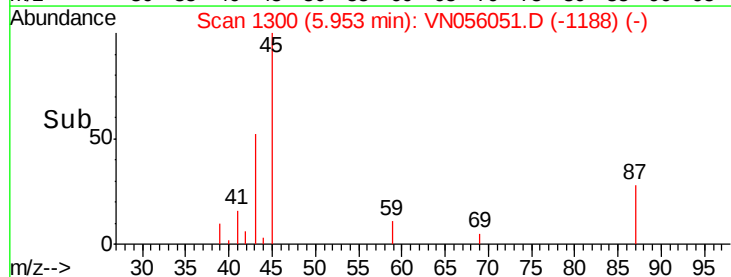
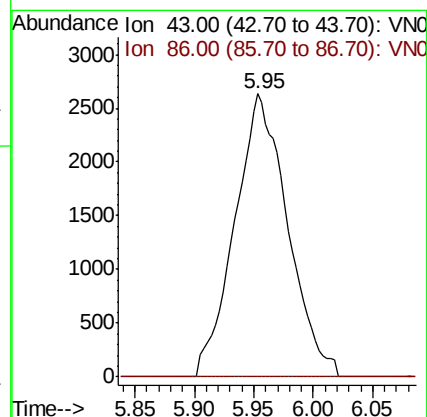
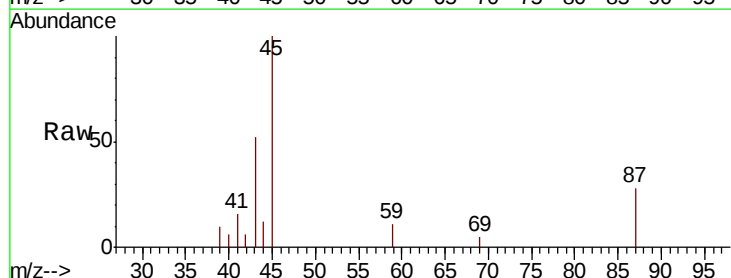
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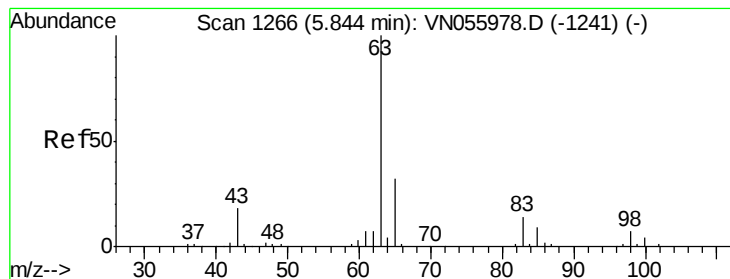
Tot Ion:	45	Resp:	16699
Ion	Ratio	Lower	Upper
45	100		
43	50.1	45.0	67.6
87	29.3	22.2	33.4
59	10.9	9.1	13.7



#23
Vinyl Acetate
Concen: 1.090 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.06 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion:	43	Resp:	8089
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	13.0#





#24

1,1-Dichloroethane

Concen: 0.270 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

LF015MW100-190604

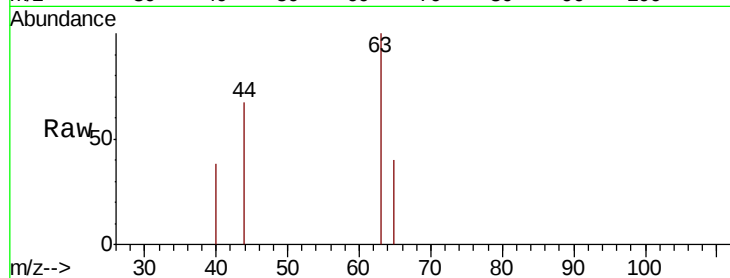
Tot Ion: 63 Resp: 1468

Ion Ratio Lower Upper

63 100

98 0.0 3.4 10.1#

100 0.0 2.2 6.6#

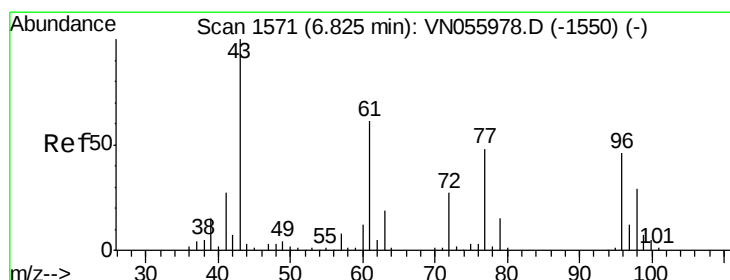
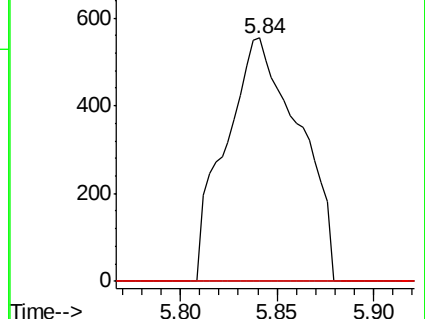
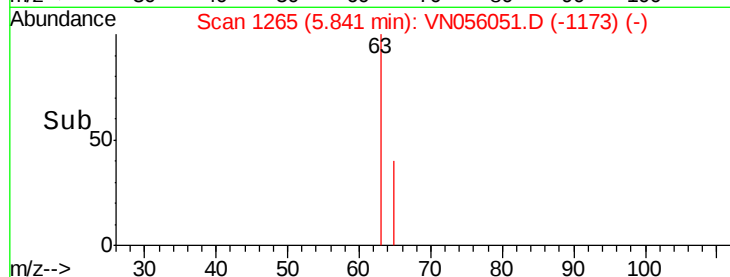


Abundance Ion 62.90 (62.60 to 63.60): VN055978.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN055978.D (-1241) (-)

Time-->



#27

cis-1,2-Dichloroethene

Concen: 93.154 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

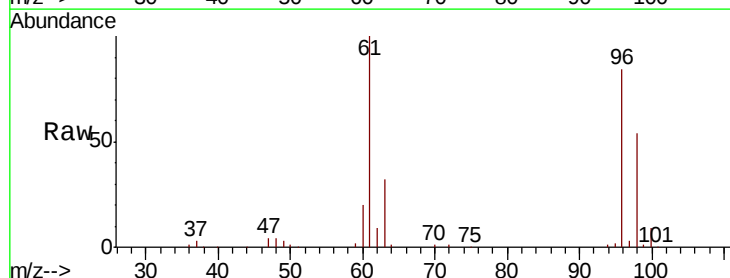
Tgt Ion: 96 Resp: 338647

Ion Ratio Lower Upper

96 100

61 119.2 0.0 275.8

98 64.7 0.0 128.4

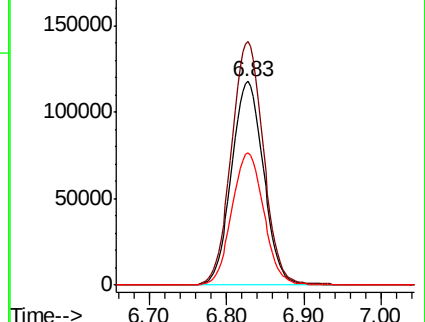
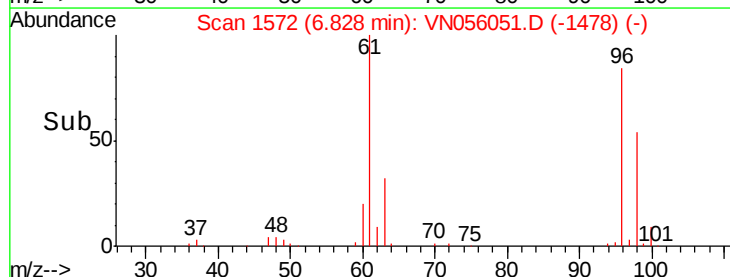


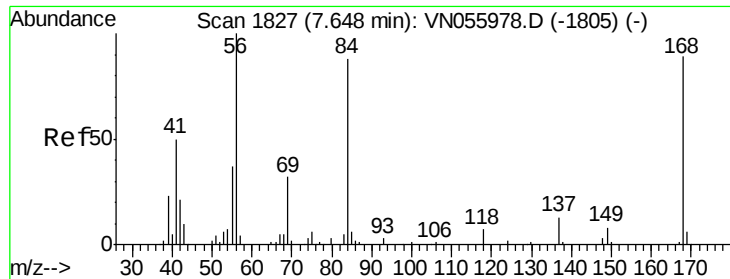
Abundance Ion 95.90 (95.60 to 96.60): VN055978.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN055978.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1550) (-)

Time-->

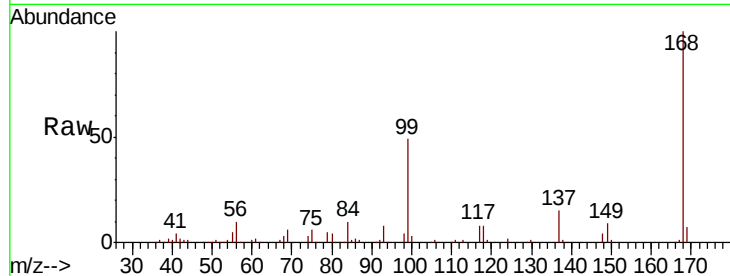




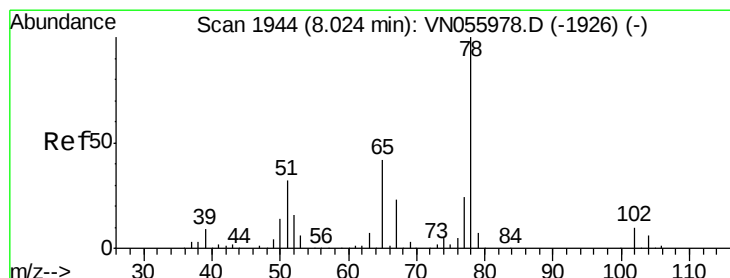
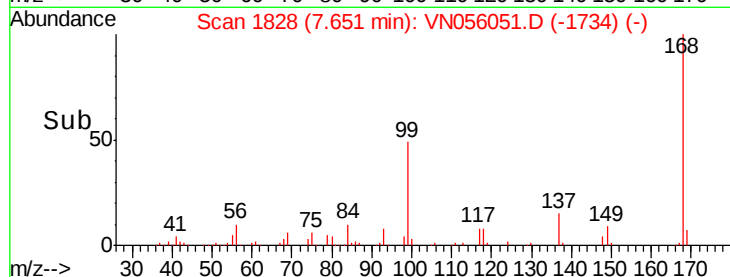
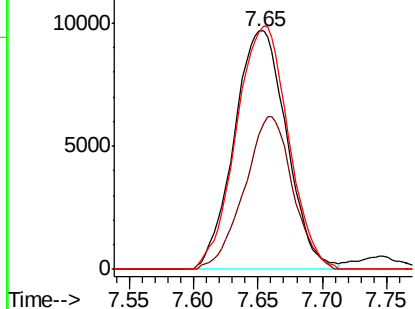
#31
Cyclohexane
Concen: 5.058 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
LF015MW100-190604

Tot Ion: 56 Resp: 27400
Ion Ratio Lower Upper
56 100
69 56.7 25.6 38.4#
84 99.7 67.4 101.0

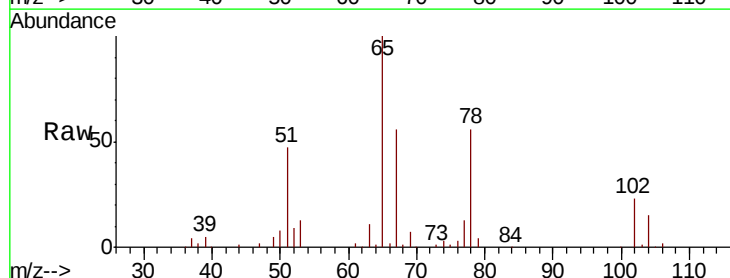


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

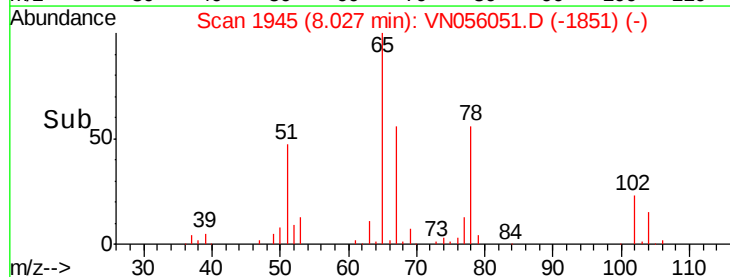
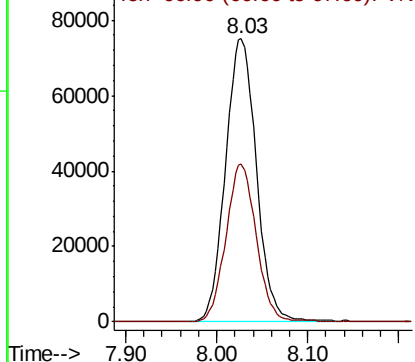


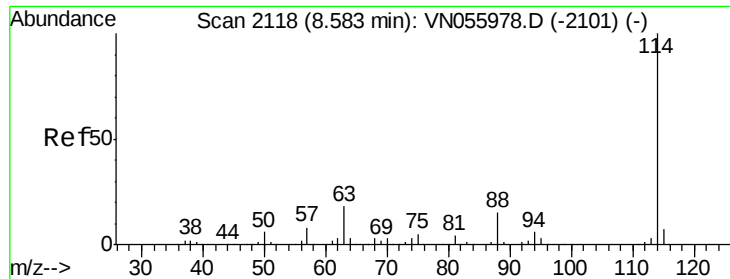
#33
1,2-Dichloroethane-d4
Concen: 52.044 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion: 65 Resp: 177676
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

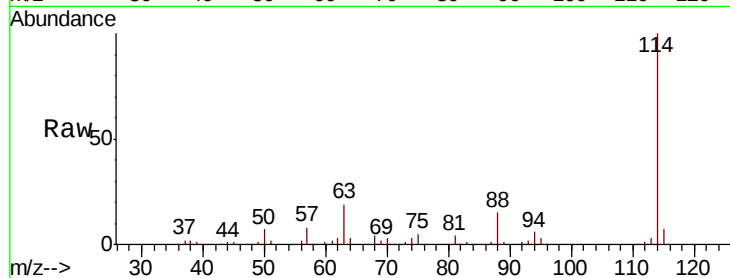




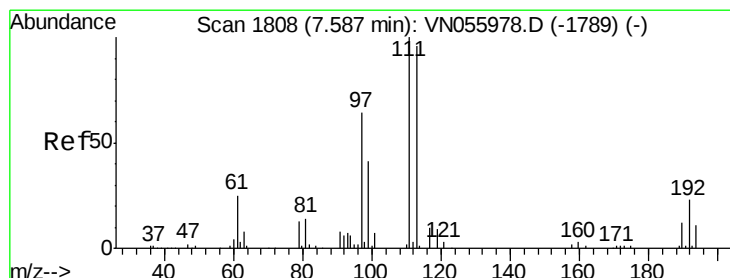
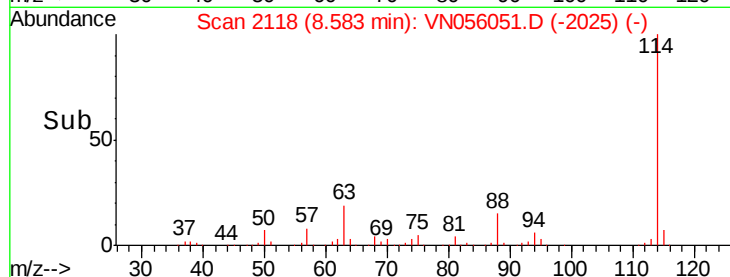
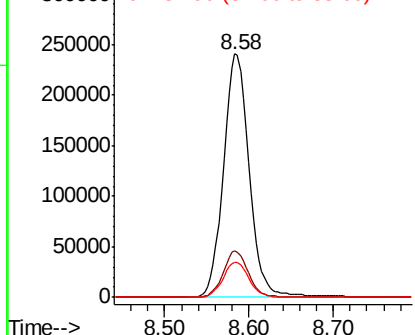
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
LF015MW100-190604

Tot Ion:114 Resp: 511229
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.2
88 14.6 0.0 31.0

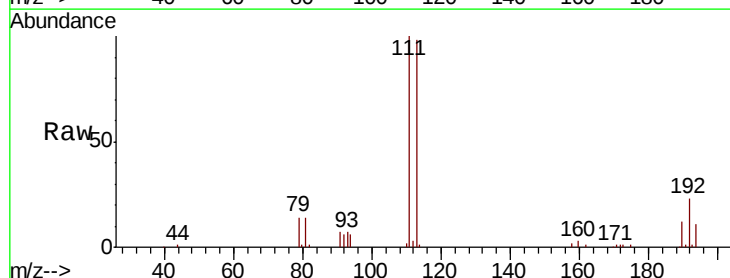


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

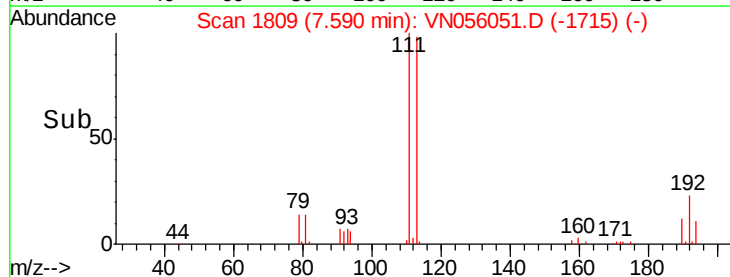
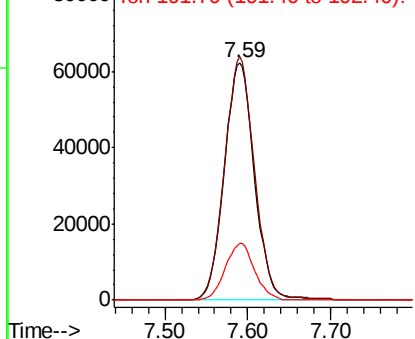


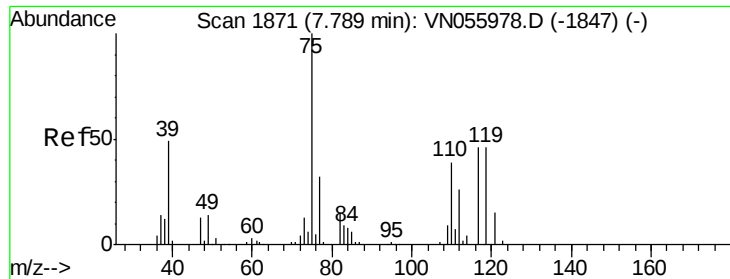
#35
Dibromofluoromethane
Concen: 50.107 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion:113 Resp: 157163
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 23.3 19.5 29.3



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

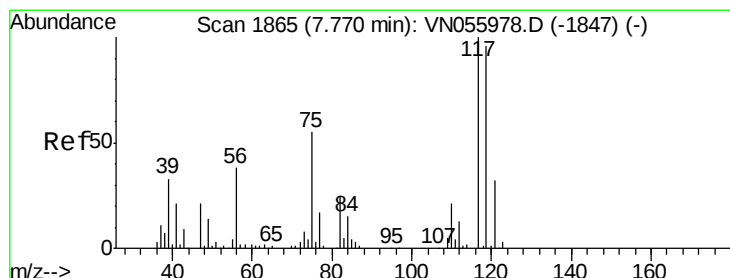
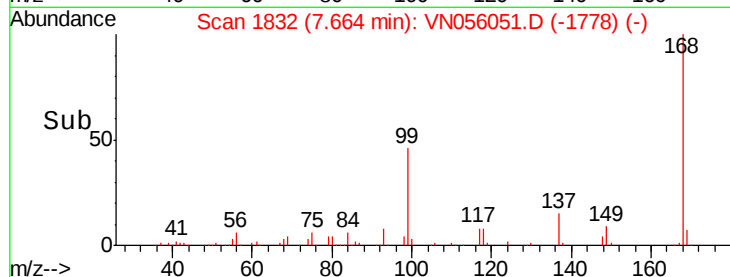
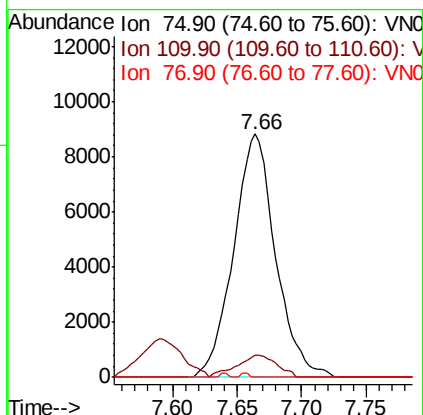
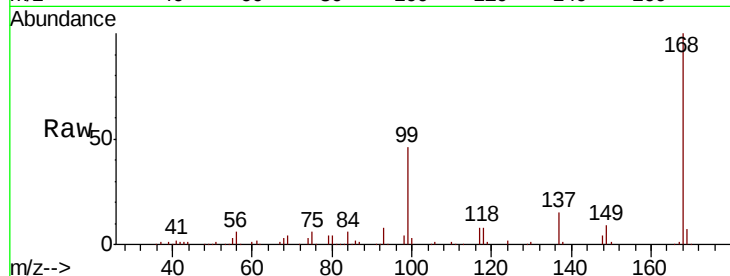




#36
 1,1-Dichloropropene
 Concen: 4.538 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056051.D
 Acq: 6 Jun 2019 17:26

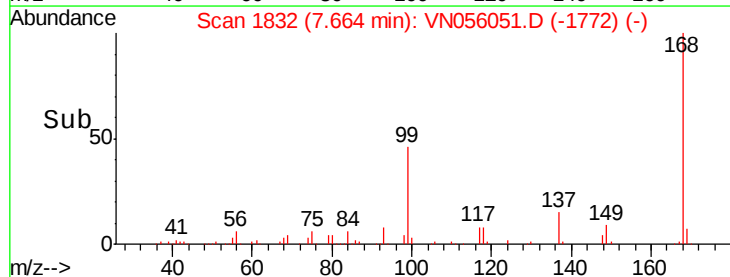
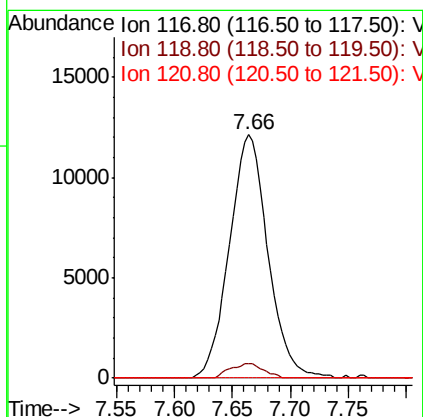
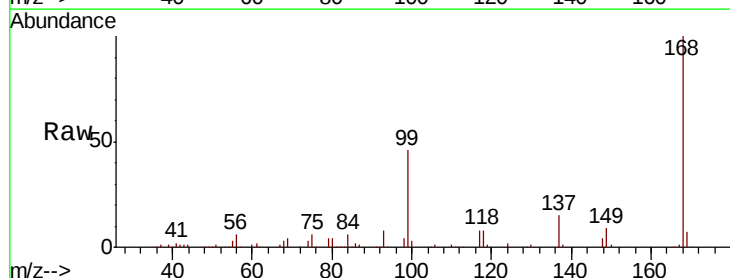
Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW100-190604

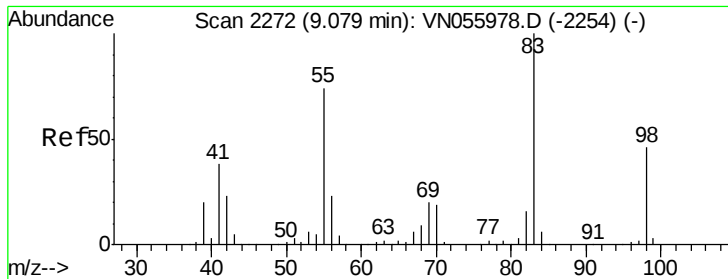
Tot Ion	75	Resp	19950
Ion Ratio	Lower	Upper	
75	100		
110	8.8	19.0	57.0#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.898 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056051.D
 Acq: 6 Jun 2019 17:26

Tgt Ion	117	Resp	27957
Ion Ratio	Lower	Upper	
117	100		
119	6.1	79.0	118.6#
121	0.0	24.7	37.1#

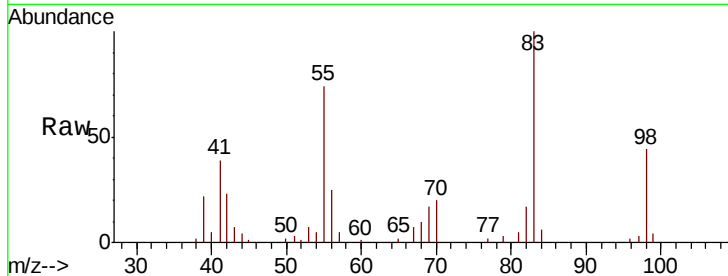




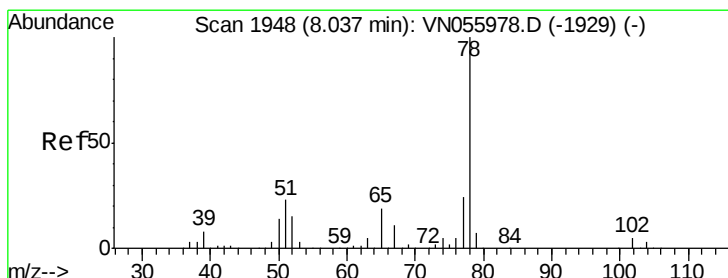
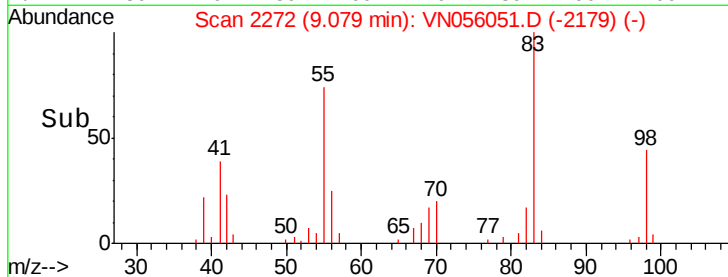
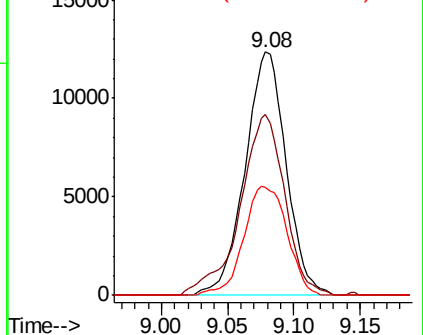
#39
Methvlcvclohexane
Concen: 4.862 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
LF015MW100-190604

Tot Ion: 83 Resp: 26626
Ion Ratio Lower Upper
83 100
55 74.1 59.3 88.9
98 44.1 36.6 54.8

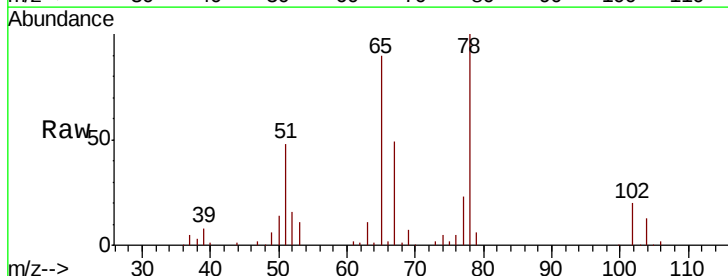


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

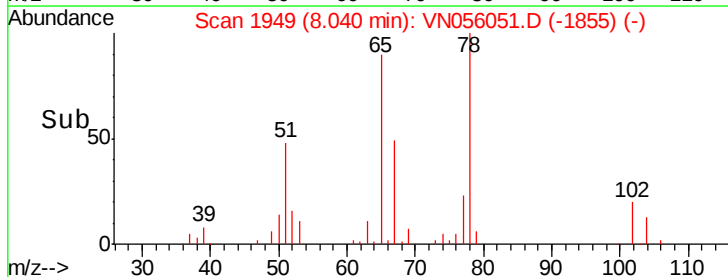
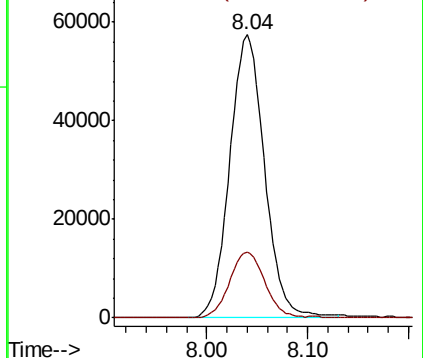


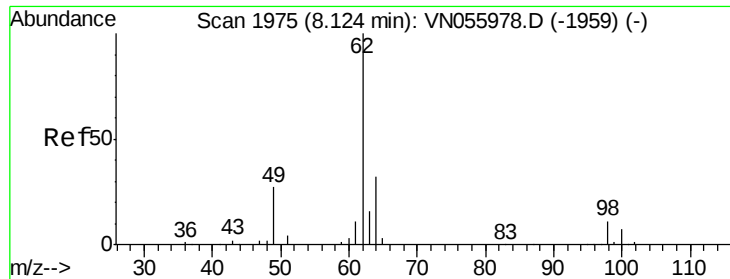
#40
Benzene
Concen: 10.346 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion: 78 Resp: 138135
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#42

1,2-Dichloroethane

Concen: 0.231 ug/l

RT: 8.04 min Scan# 1948

Delta R.T. -0.09 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

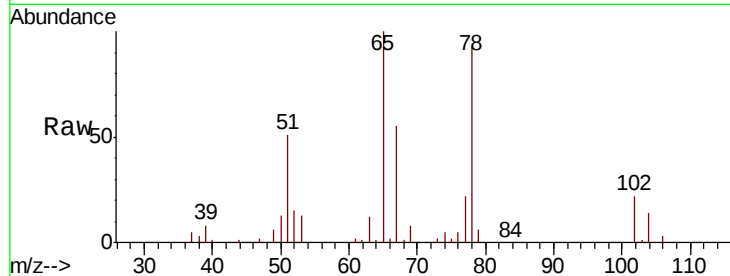
LF015MW100-190604

Tot Ion: 62 Resp: 991

Ion Ratio Lower Upper

62 100

98 6.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VN055978.D (-1959) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1959) (-)

8.04

400

300

200

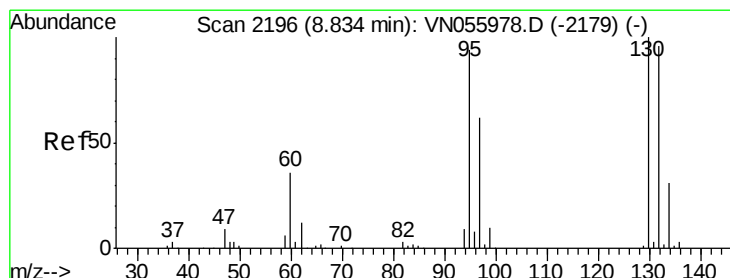
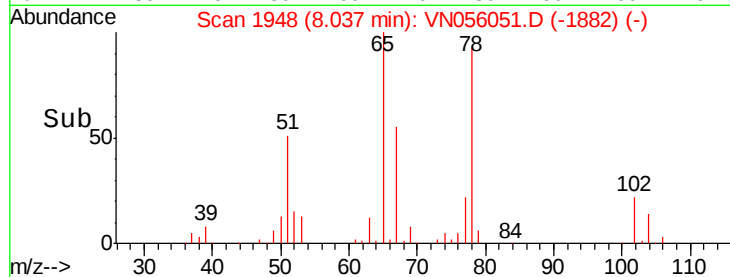
100

0

8.00

8.05

Time-->



#44

Trichloroethene

Concen: 48.027 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056051.D

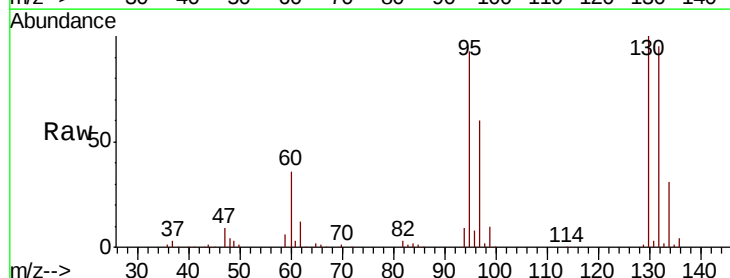
Acq: 6 Jun 2019 17:26

Tgt Ion: 130 Resp: 184253

Ion Ratio Lower Upper

130 100

95 92.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

8.83

100000

80000

60000

40000

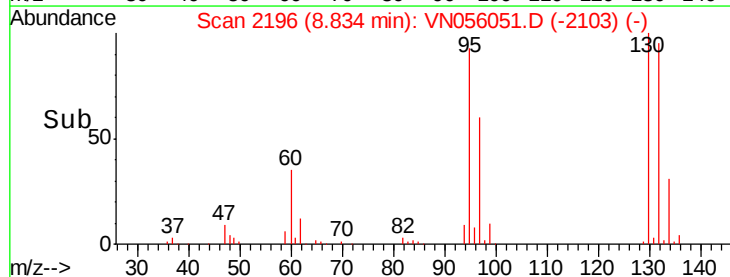
20000

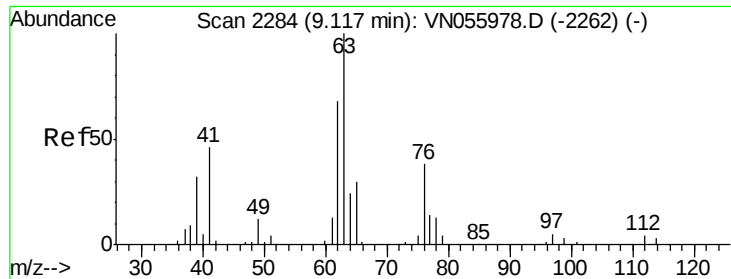
0

8.80

8.90

Time-->





#45

1,2-Dichloropropane

Concen: 0.662 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

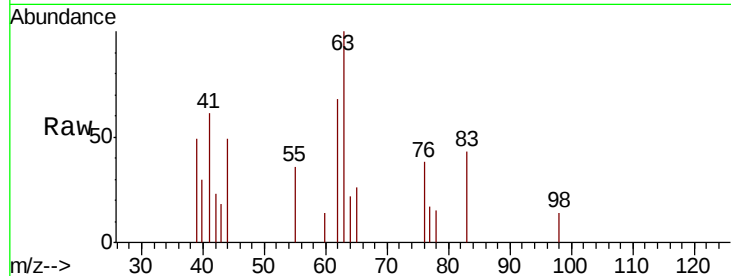
LF015MW100-190604

Tot Ion: 63 Resp: 2265

Ion Ratio Lower Upper

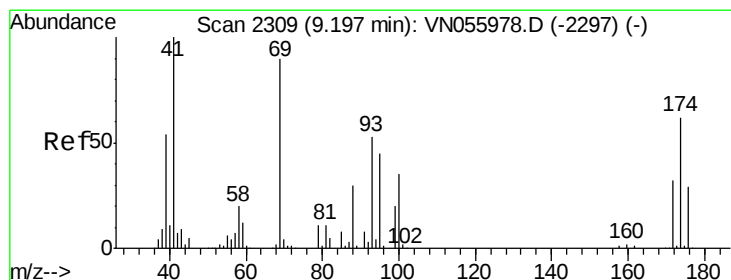
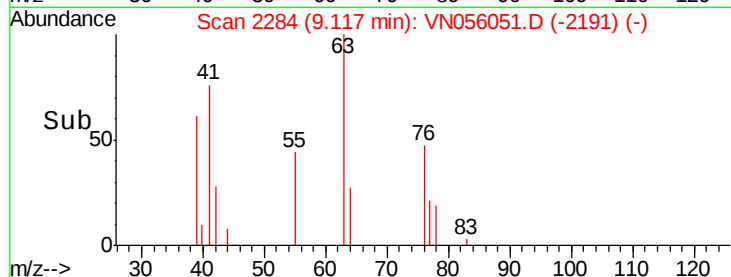
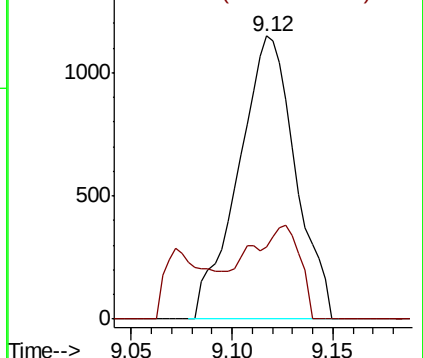
63 100

65 25.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 3.927 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.12 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

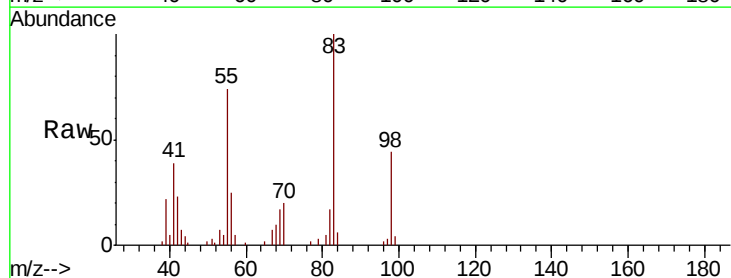
Tgt Ion: 41 Resp: 12177

Ion Ratio Lower Upper

41 100

69 48.4 71.0 106.6#

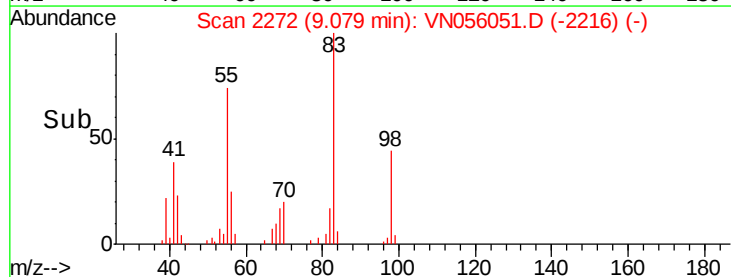
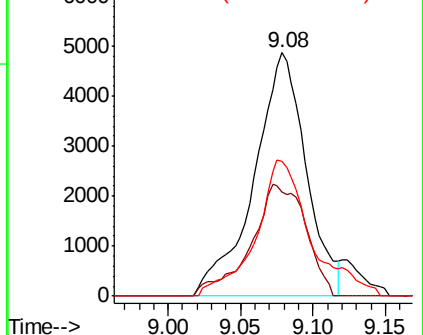
39 58.3 44.2 66.2

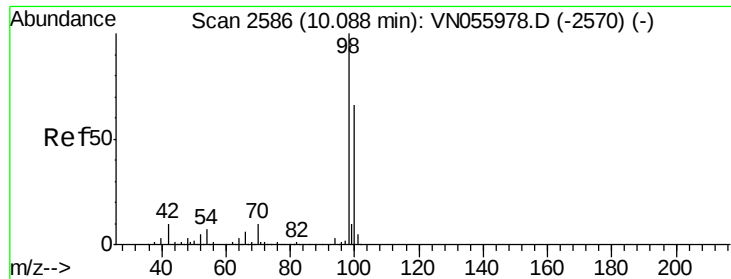


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 53.343 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

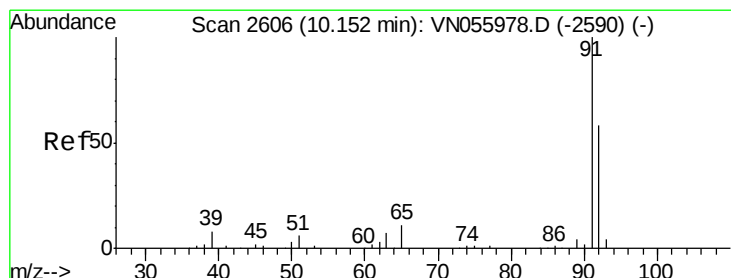
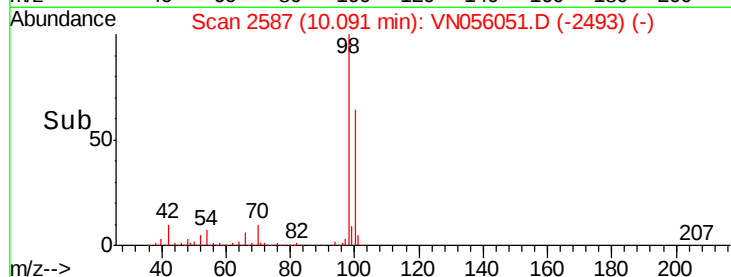
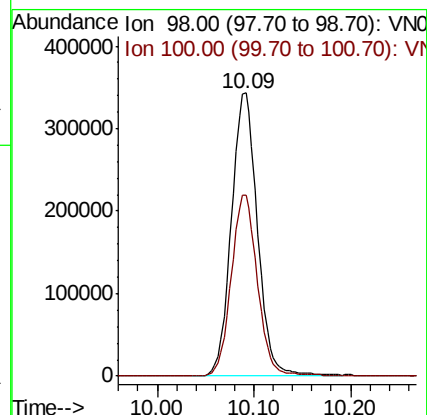
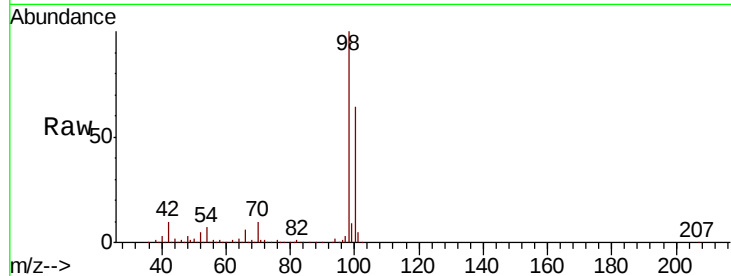
LF015MW100-190604

Tot Ion: 98 Resp: 643826

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#52

Toluene

Concen: 0.363 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056051.D

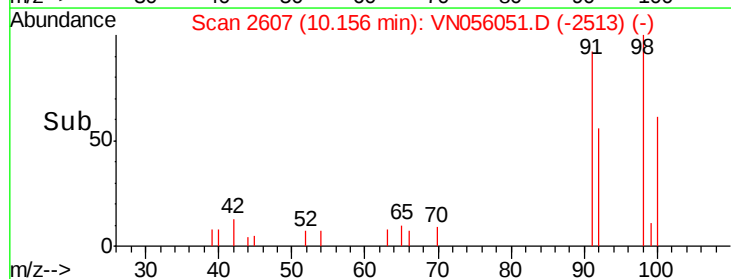
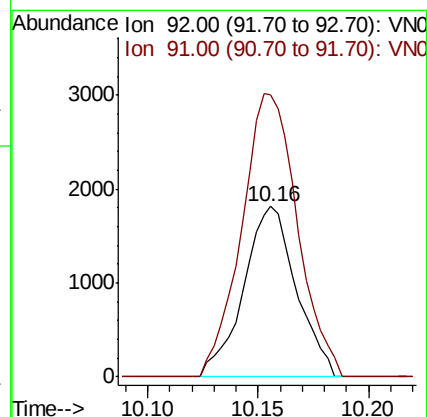
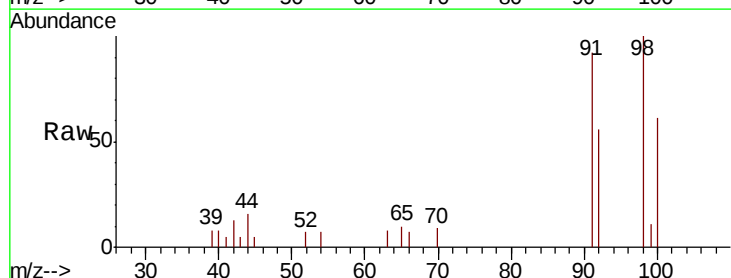
Acq: 6 Jun 2019 17:26

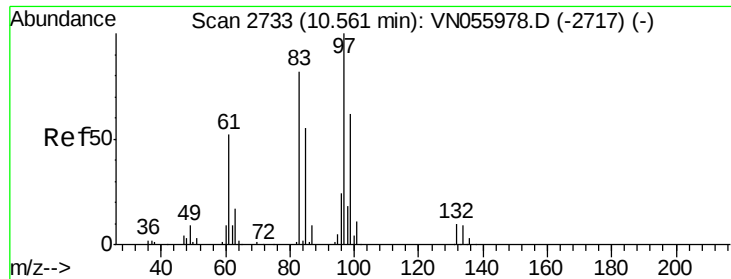
Tgt Ion: 92 Resp: 3015

Ion Ratio Lower Upper

92 100

91 176.0 139.4 209.2

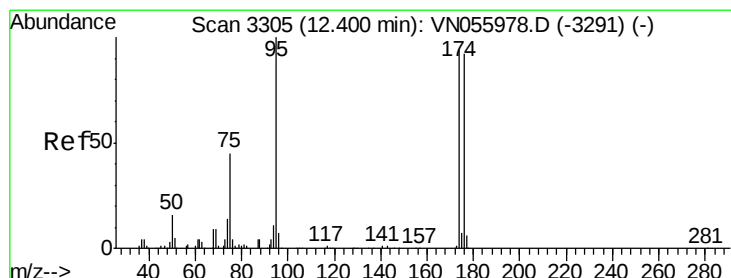
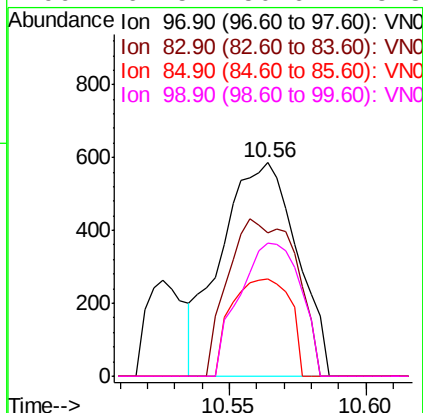
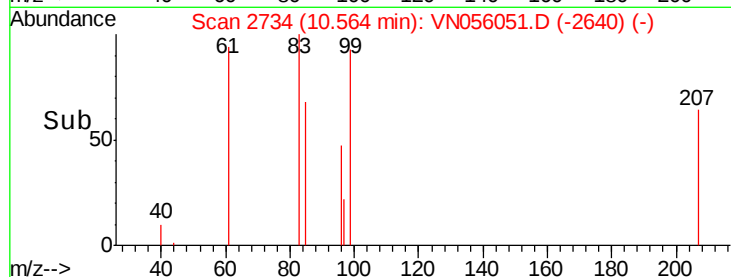
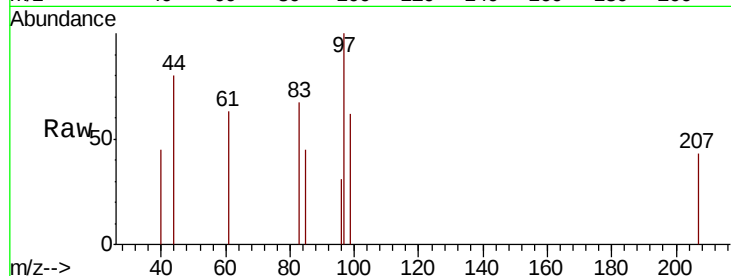




#55
 1,1,2-Trichloroethane
 Concen: 0.342 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN056051.D
 Acq: 6 Jun 2019 17:26

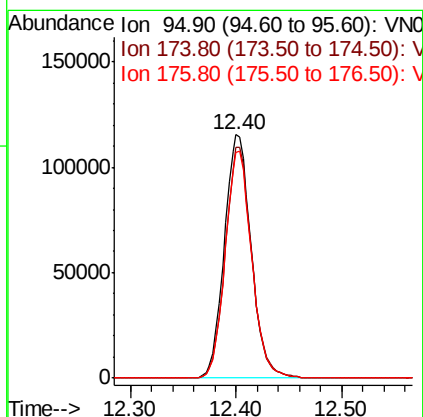
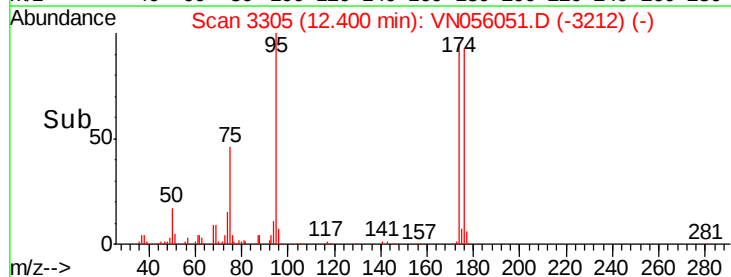
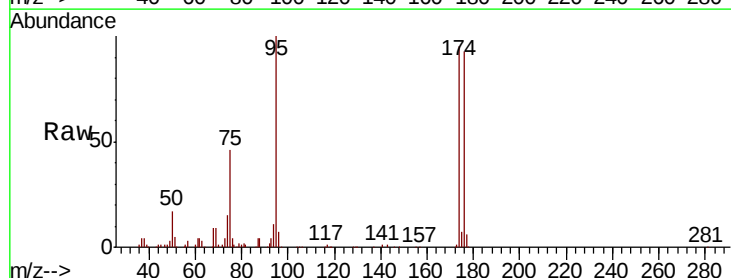
Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW100-190604

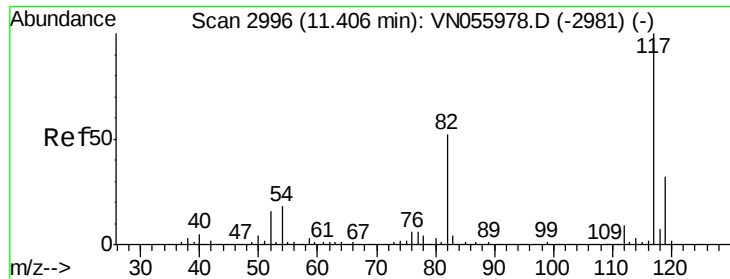
Tot Ion: 97 Resp: 1127
 Ion Ratio Lower Upper
 97 100
 83 66.9 67.0 100.6#
 85 45.4 44.0 66.0
 99 62.5 50.6 75.8



#62
 4-Bromofluorobenzene
 Concen: 49.256 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056051.D
 Acq: 6 Jun 2019 17:26

Tgt Ion: 95 Resp: 202174
 Ion Ratio Lower Upper
 95 100
 174 93.6 0.0 191.0
 176 92.4 0.0 185.2

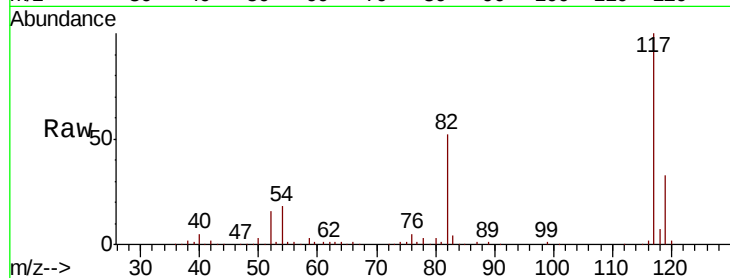




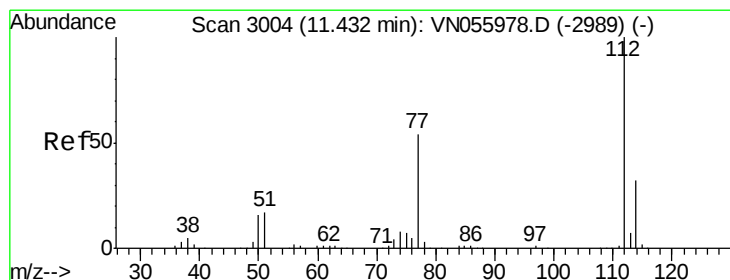
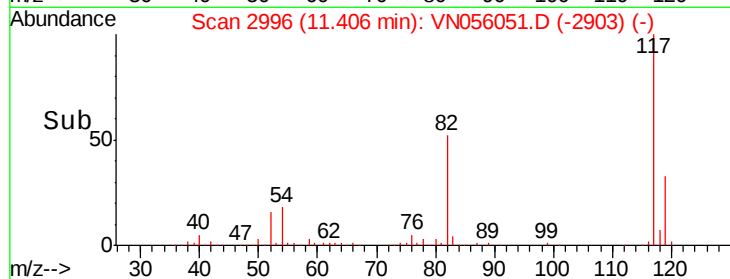
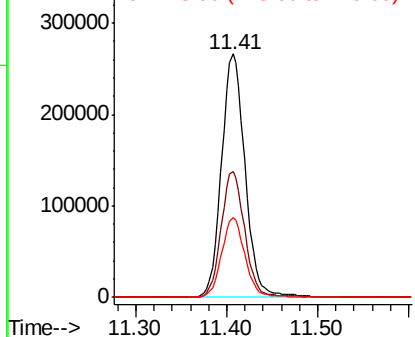
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
LF015MW100-190604

Tot Ion:117 Resp: 479437
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.8
119 32.5 25.4 38.0

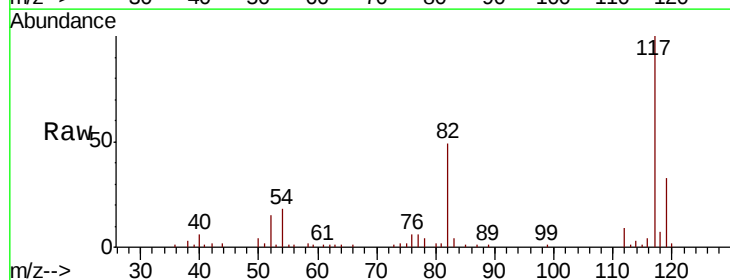


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

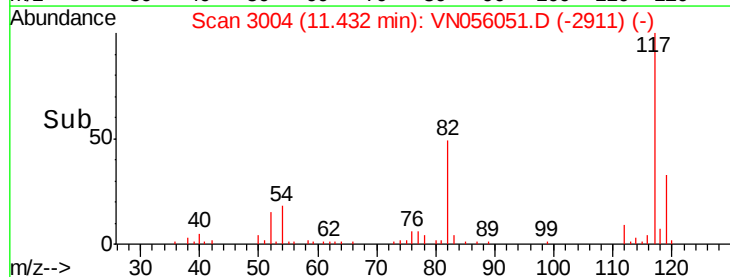
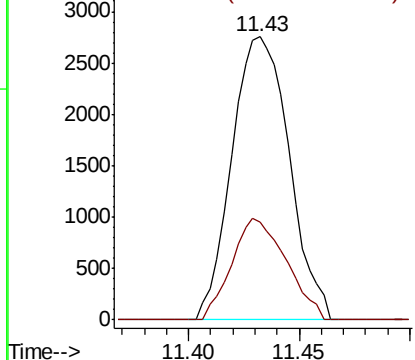


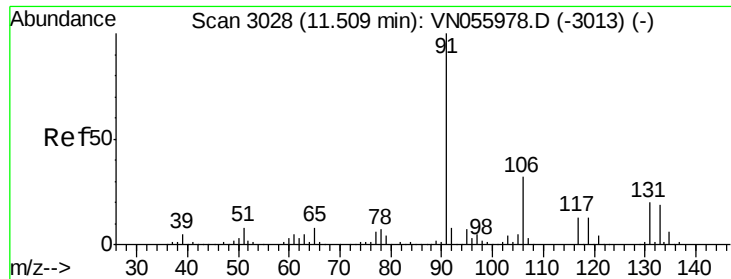
#65
Chlorobenzene
Concen: 0.520 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion:112 Resp: 4964
Ion Ratio Lower Upper
112 100
114 34.5 26.2 39.4



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

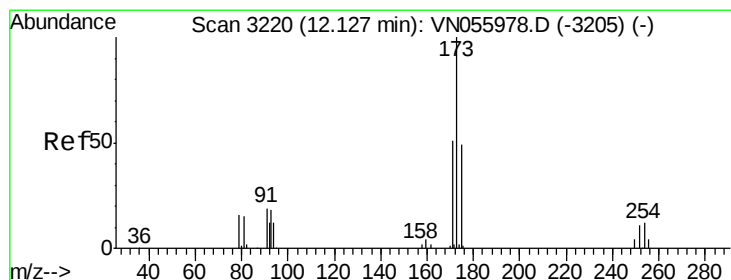
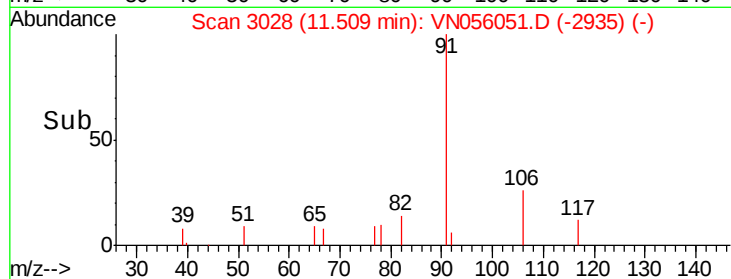
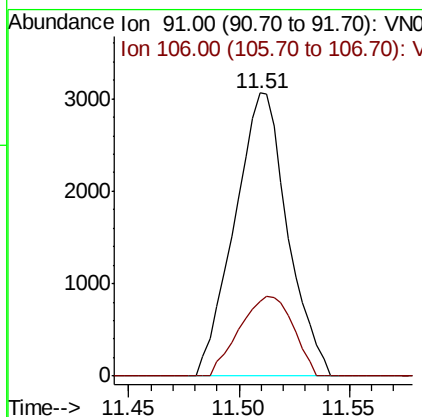
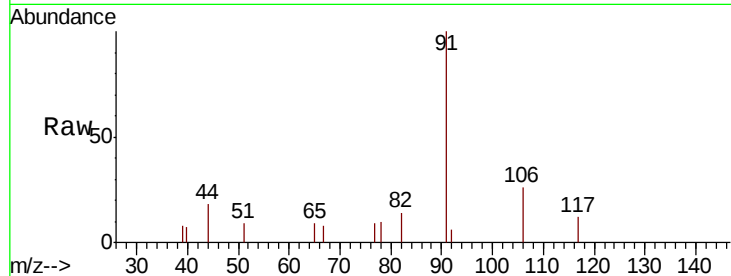




#67
Ethyl Benzene
Concen: 0.308 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

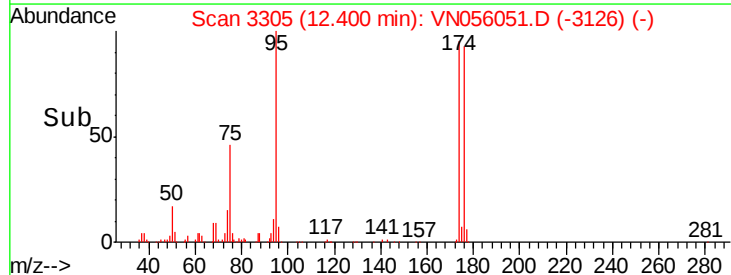
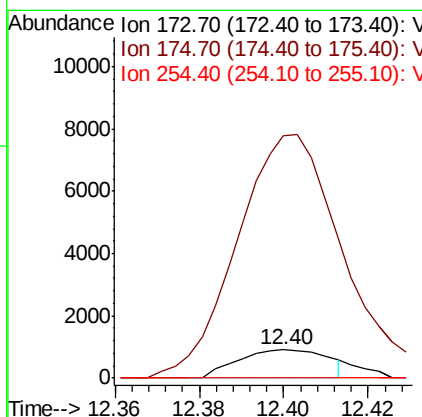
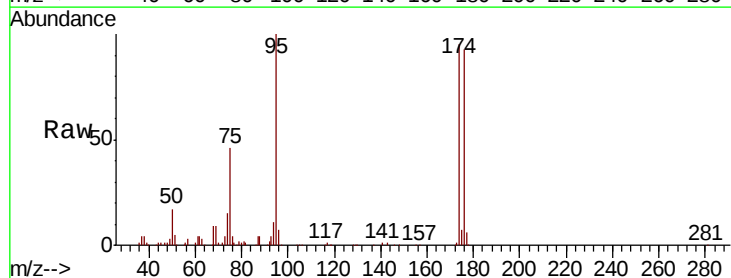
Instrument :
MSVOA_N
ClientSampleId :
LF015MW100-190604

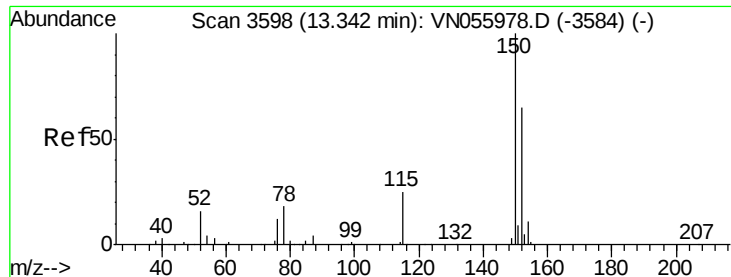
Tot Ion: 91 Resp: 5105
Ion Ratio Lower Upper
91 100
106 26.4 25.1 37.7



#71
Bromoform
Concen: 3.198 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion: 173 Resp: 1335
Ion Ratio Lower Upper
173 100
175 869.5 24.3 72.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

LF015MW100-190604

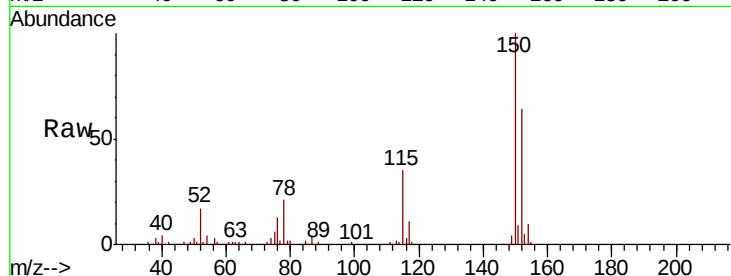
Tot Ion:152 Resp: 154217

Ion Ratio Lower Upper

152 100

115 53.3 27.0 81.0

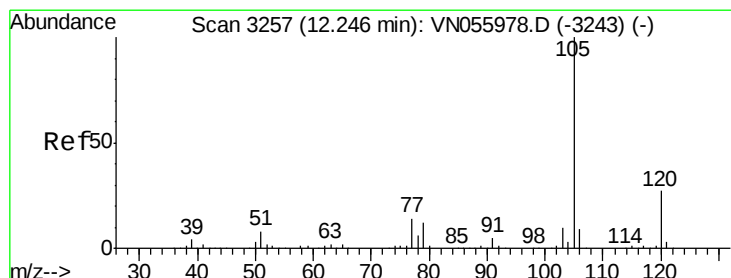
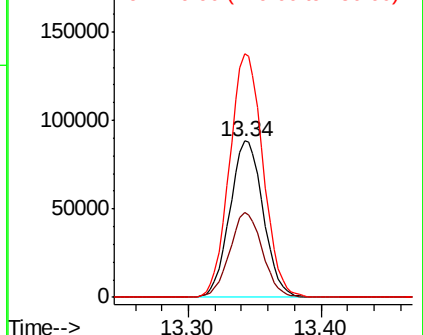
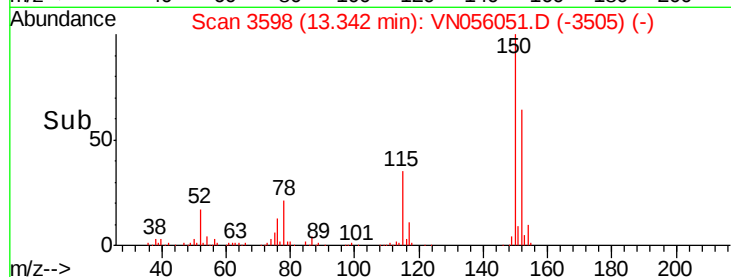
150 156.3 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056051.D

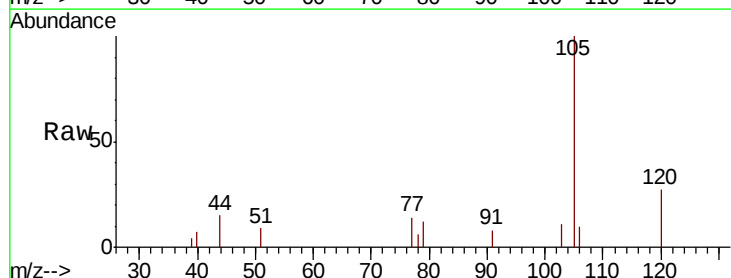
Acq: 6 Jun 2019 17:26

Tgt Ion:105 Resp: 5919

Ion Ratio Lower Upper

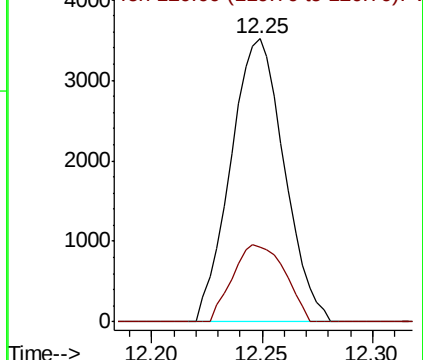
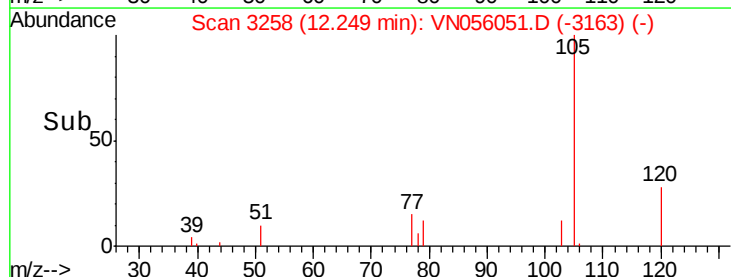
105 100

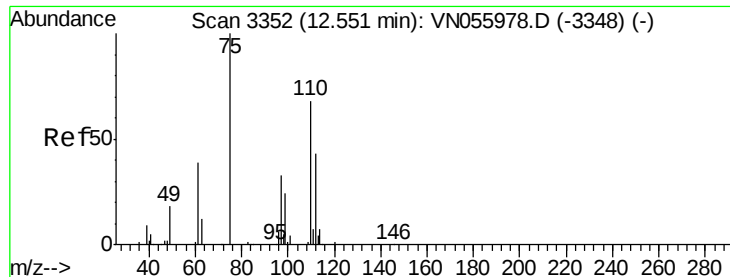
120 26.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 32.310 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

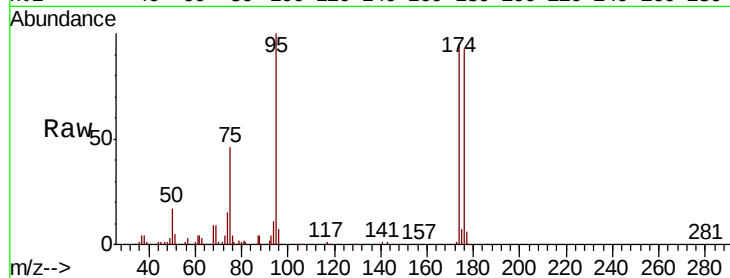
LF015MW100-190604

Tot Ion: 75 Resp: 91685

Ion Ratio Lower Upper

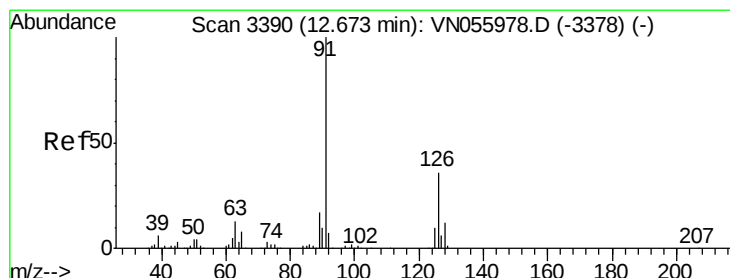
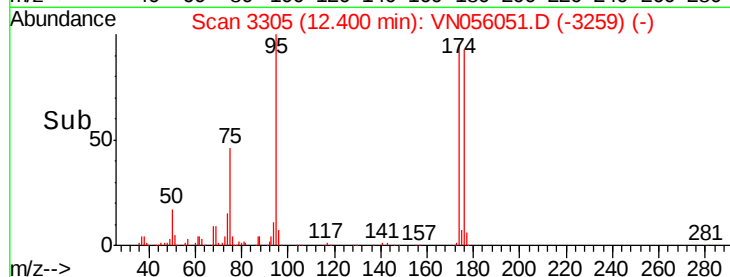
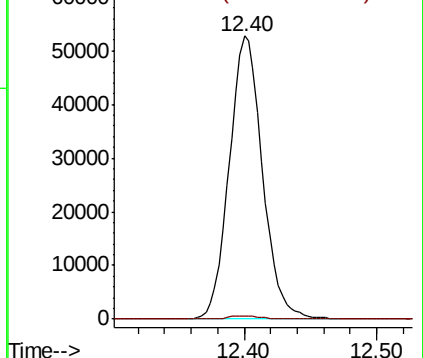
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN056051.D

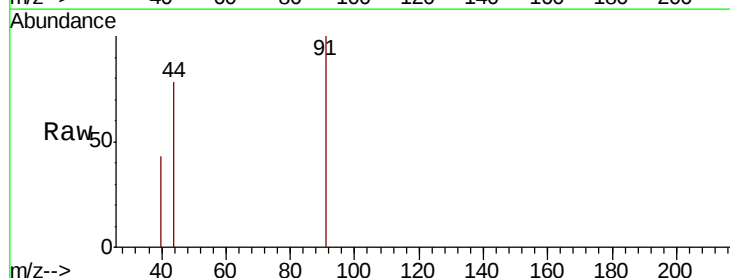
Acq: 6 Jun 2019 17:26

Tgt Ion: 91 Resp: 798

Ion Ratio Lower Upper

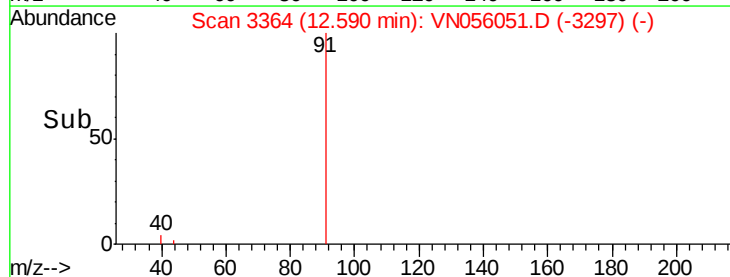
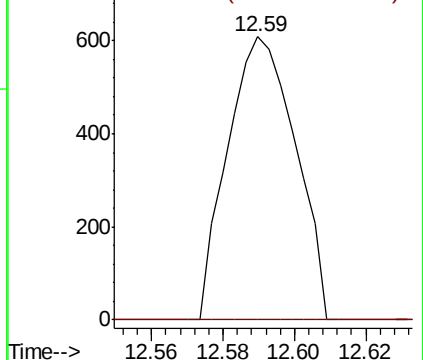
91 100

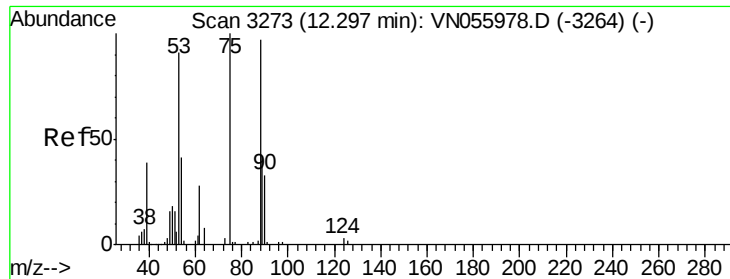
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 107.599 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

LF015MW100-190604

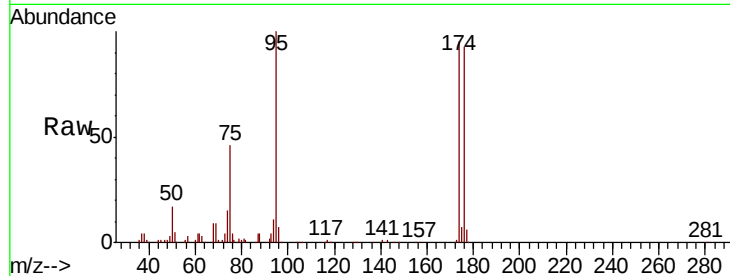
Tot Ion: 75 Resp: 91685

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

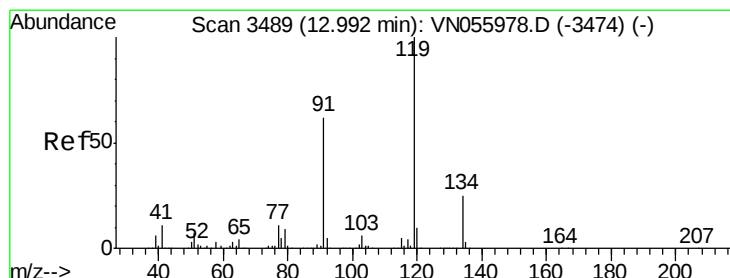
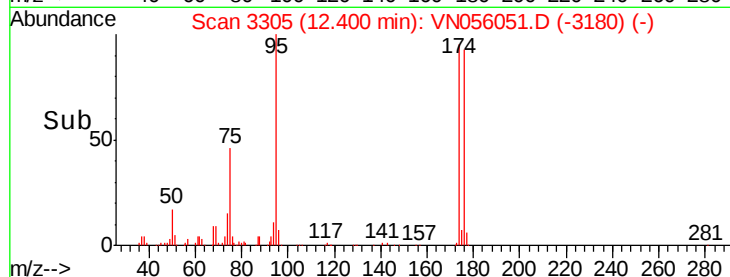
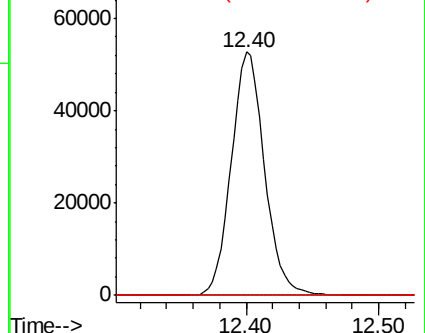
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055978.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055978.D (-3264) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

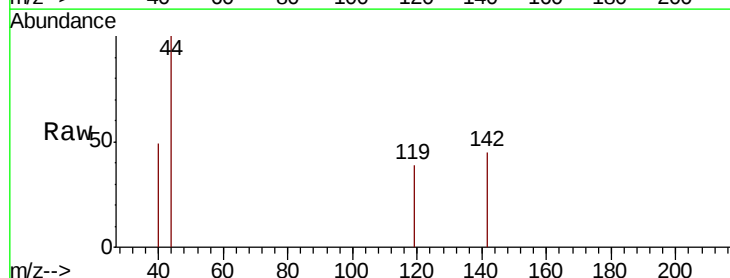
Tgt Ion: 119 Resp: 68

Ion Ratio Lower Upper

119 100

91 0.0 30.9 92.8#

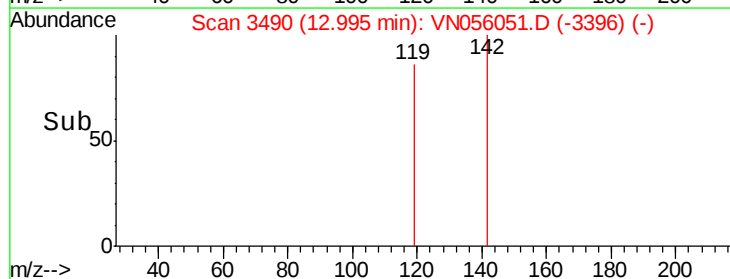
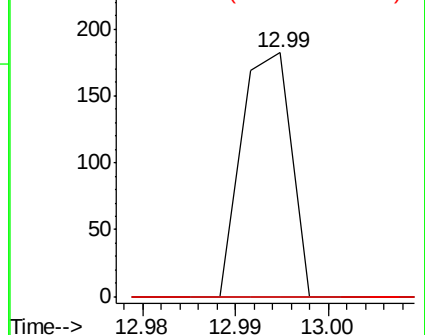
134 0.0 13.3 39.8#

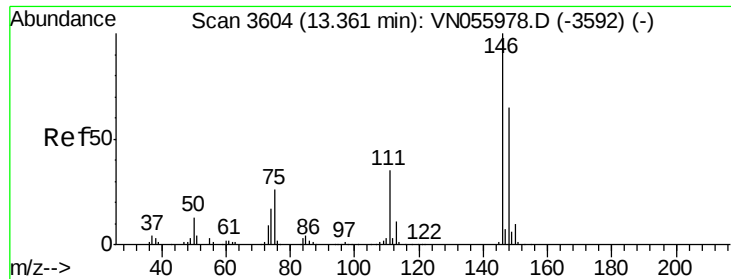


Abundance Ion 119.00 (118.70 to 119.70): VN055978.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3474) (-)





#88

1,4-Dichlorobenzene

Concen: 0.507 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

LF015MW100-190604

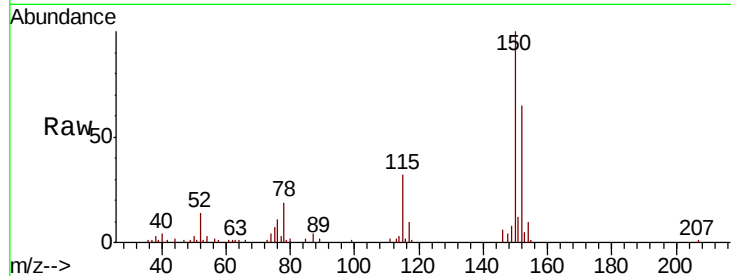
Tot Ion:146 Resp: 2491

Ion Ratio Lower Upper

146 100

111 93.4 18.1 54.4#

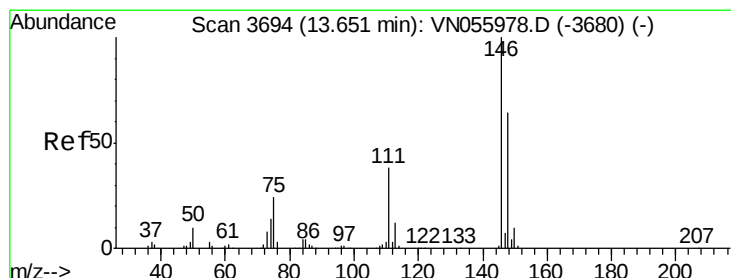
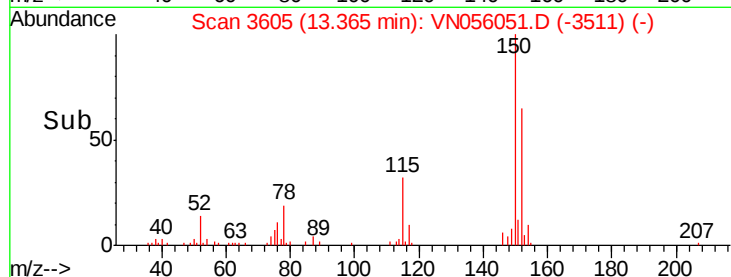
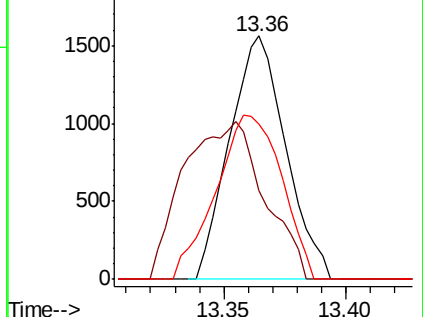
148 79.2 32.1 96.5



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



#91

1,2-Dichlorobenzene

Concen: 1.223 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056051.D

Acq: 6 Jun 2019 17:26

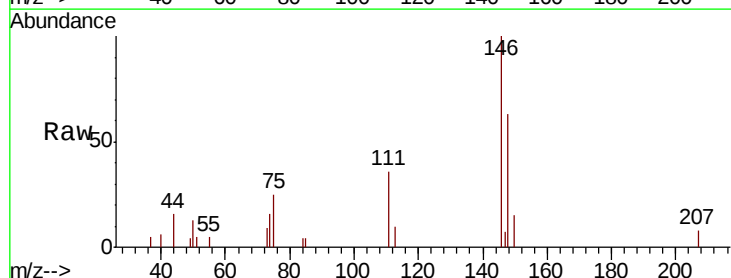
Tgt Ion:146 Resp: 6311

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.5

148 64.0 31.9 95.9



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

