

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056116.D
 Acq On : 7 Jun 2019 22:41
 Operator : JC/SP
 Sample : K3203-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW047-190604

Quant Time: Jun 08 05:14:55 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	345330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	528070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	520192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	211393	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	182562	53.24	ug/l	0.00
Spiked Amount						
			Recovery	=	106.48%	
35) Dibromofluoromethane	7.59	113	158865	49.03	ug/l	0.00
Spiked Amount						
			Recovery	=	98.06%	
50) Toluene-d8	10.09	98	676890	54.29	ug/l	0.00
Spiked Amount						
			Recovery	=	108.58%	
62) 4-Bromofluorobenzene	12.40	95	240902	56.82	ug/l	0.00
Spiked Amount						
			Recovery	=	113.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.18	62	1155	0.308	ug/l	94
11) Tert butyl alcohol	4.81	59	16350	27.401	ug/l	96
16) Acetone	3.82	43	2487	1.517	ug/l	95
18) Methyl Acetate	4.33	43	1165	Below Cal	#	76
22) Diisopropyl ether	5.95	45	25637	2.709	ug/l	95
23) Vinyl Acetate	5.95	43	13175	1.768	ug/l #	71
27) cis-1,2-Dichloroethene	6.83	96	3160	0.865	ug/l	62
31) Cyclohexane	7.66	56	7296	1.341	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	19749	4.349	ug/l #	48
38) Carbon Tetrachloride	7.66	117	28179	6.731	ug/l #	15
39) Methylcyclohexane	9.08	83	1210	0.214	ug/l	92
40) Benzene	8.04	78	135501	9.825	ug/l	100
42) 1,2-Dichloroethane	8.03	62	1112	0.251	ug/l	96
44) Trichloroethene	8.84	130	2470	0.623	ug/l	100
59) 2-Hexanone	10.61	43	11989	4.040	ug/l	74
65) Chlorobenzene	11.43	112	7087829	684.625	ug/l	100
67) Ethyl Benzene	11.51	91	13615	0.756	ug/l	99
68) m/p-Xylenes	11.51	106	4354	0.633	ug/l #	25
71) Bromoform	12.40	173	1691	3.275	ug/l #	1
73) Isopropylbenzene	12.25	105	7393	Below Cal		95
76) 1,2,3-Trichloropropane	12.40	75	108872	27.990	ug/l #	100
79) 2-Chlorotoluene	12.68	91	351	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.89	105	13894	0.978	ug/l	74
81) trans-1,4-Dichloro-2-buten	12.40	75	108872	93.211	ug/l #	15
83) tert-Butylbenzene	12.99	119	1340	Below Cal		95
84) 1,2,4-Trimethylbenzene	12.89	105	13894	1.031	ug/l	78
85) sec-Butylbenzene	13.17	105	3296	0.208	ug/l #	54
86) p-Isopropyltoluene	13.44	119	6299	0.444	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	17740	2.533	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	130474	19.363	ug/l	99
90) Hexachloroethane	13.94	117	715	0.334	ug/l #	1
91) 1,2-Dichlorobenzene	13.65	146	506744	71.654	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.00	75	208	0.296	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	592	4.409	ug/l #	32

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ALS Vial : 33 Sample Multiplier: 1

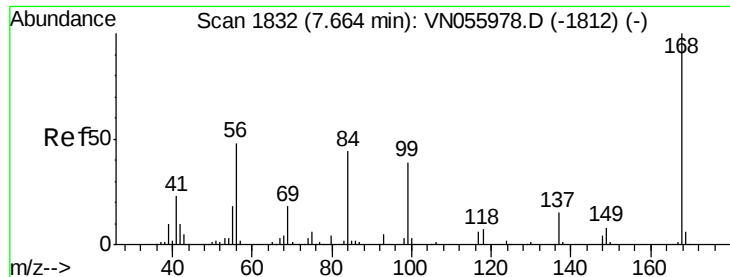
Instrument :
MSVOA_N
ClientSampleId :
LF015MW047-190604

Quant Time: Jun 08 05:14:55 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)
95) Naphthalene	15.13	128	12975	5.036	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	63	3.046	ug/l #	1

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

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Data File : VN056116.D
Acq On    : 7 Jun 2019 22:41
Operator  : JC/SP
Sample    : K3203-07
Misc      : 5.00mL/MSVOA N/WATER
ALS Vial  : 33 Sample Multiplier: 1
```



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056116.D

Acq: 7 Jun 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

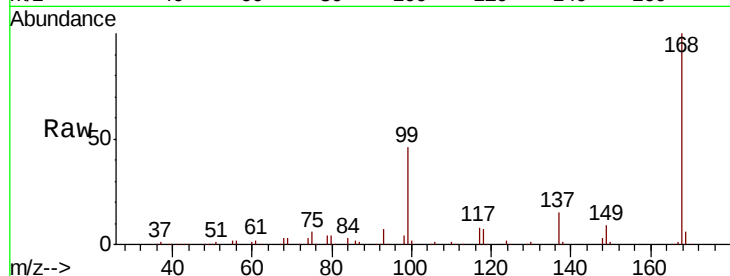
LF015MW047-190604

Tot Ion:168 Resp: 345330

Ion Ratio Lower Upper

168 100

99 45.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

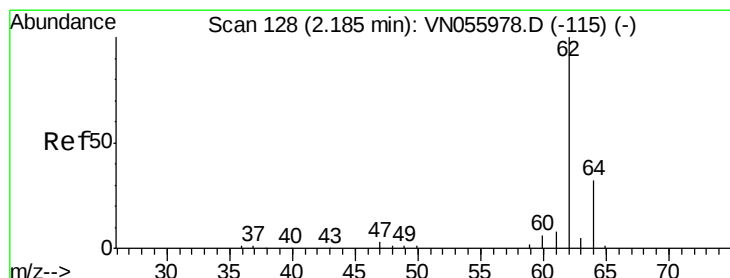
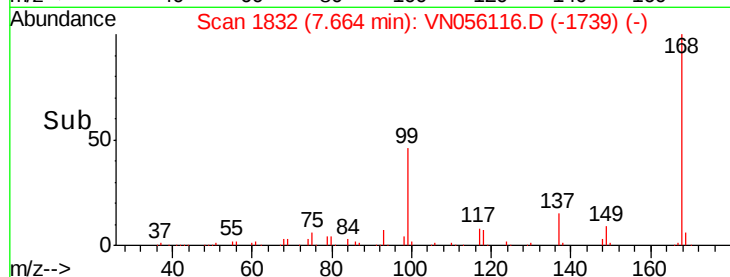
100000

50000

0

Time-->

7.60 7.70



#4

Vinyl Chloride

Concen: 0.308 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056116.D

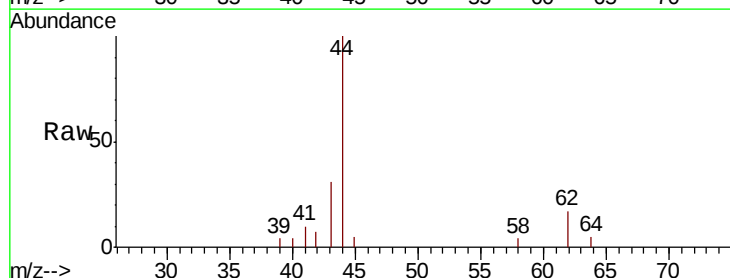
Acq: 7 Jun 2019 22:41

Tgt Ion: 62 Resp: 1155

Ion Ratio Lower Upper

62 100

64 28.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

2.18

1000

800

600

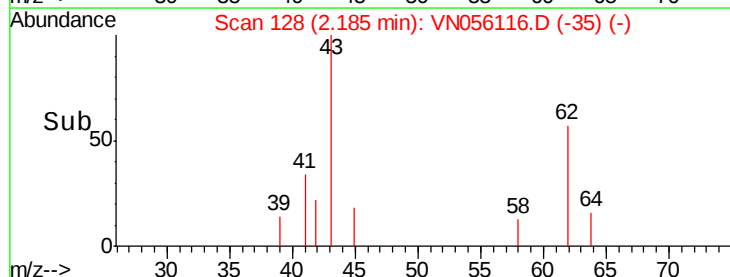
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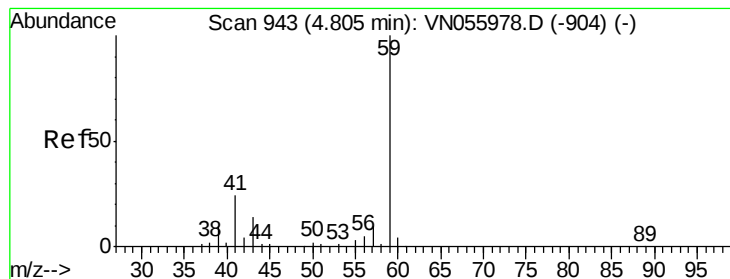
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Time-->

2.14 2.16 2.18 2.20 2.22



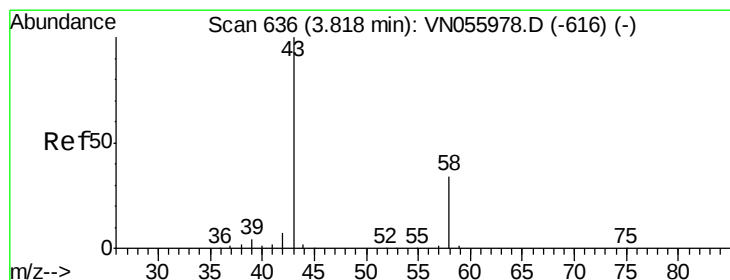
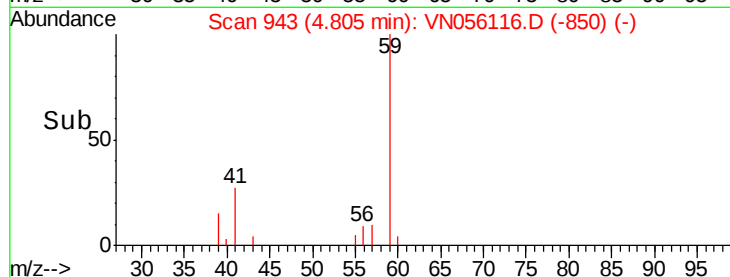
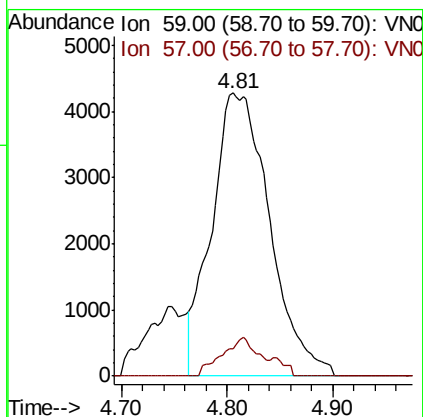
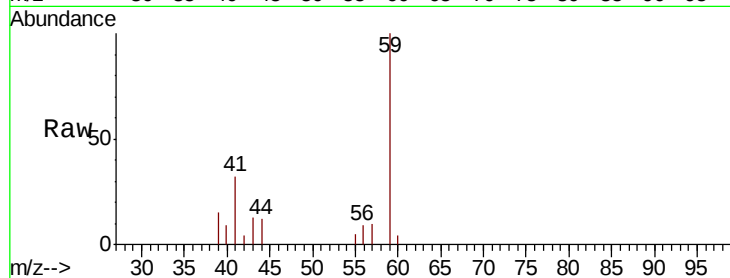


#11

Tert butyl alcohol
 Concen: 27.401 ug/l
 RT: 4.81 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VN056116.D
 Acq: 7 Jun 2019 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW047-190604

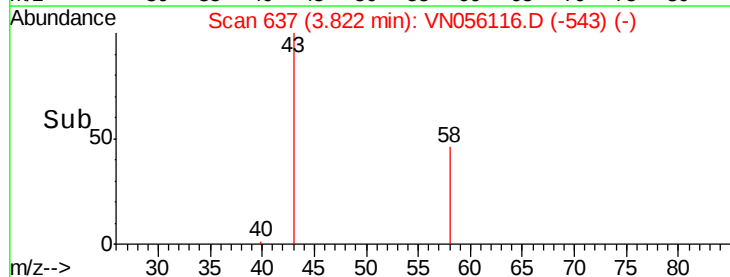
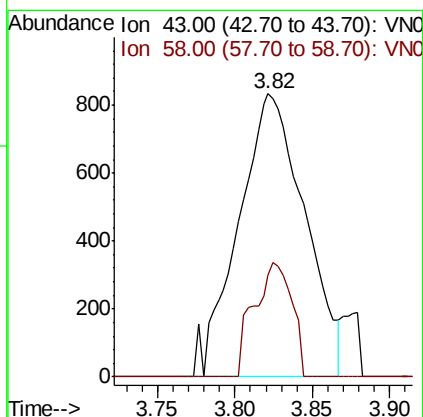
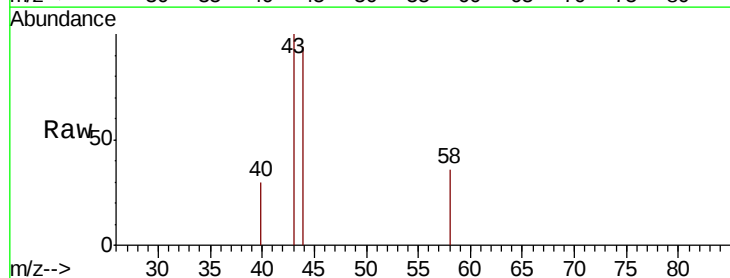
Tot Ion: 59 Resp: 16350
 Ion Ratio Lower Upper
 59 100
 57 8.2 7.8 11.6

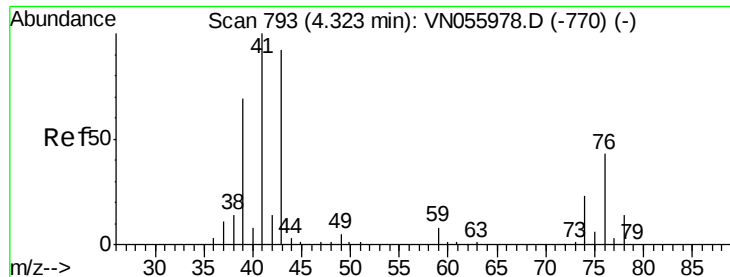


#16

Acetone
 Concen: 1.517 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN056116.D
 Acq: 7 Jun 2019 22:41

Tgt Ion: 43 Resp: 2487
 Ion Ratio Lower Upper
 43 100
 58 36.1 26.6 39.8

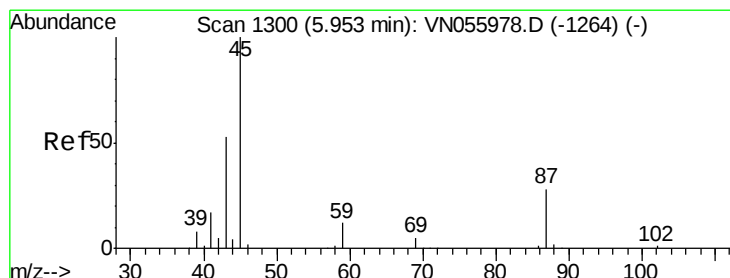
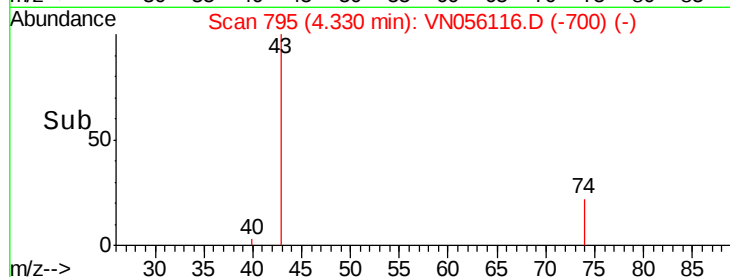
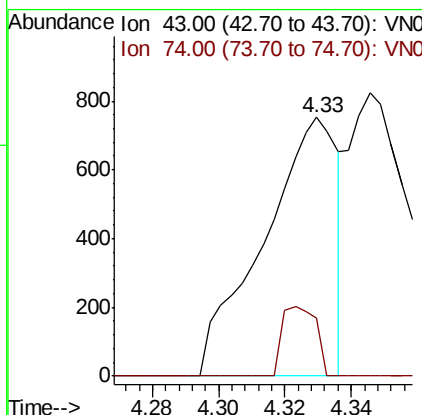
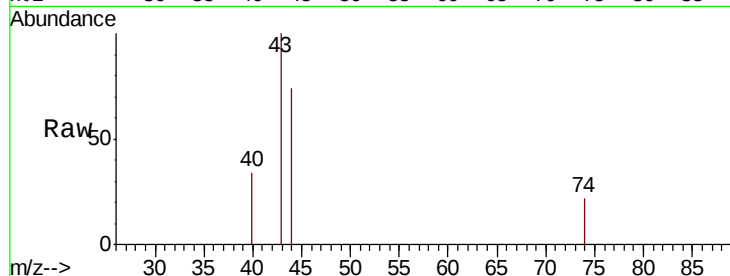




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056116.D
Acq: 7 Jun 2019 22:41

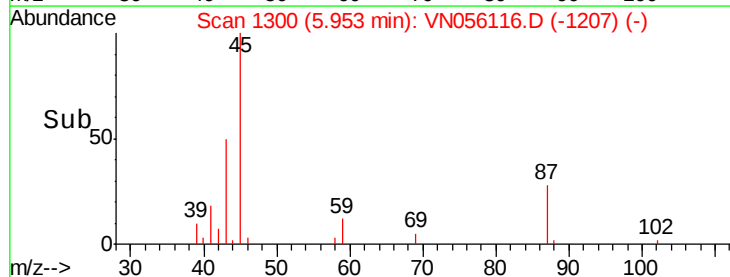
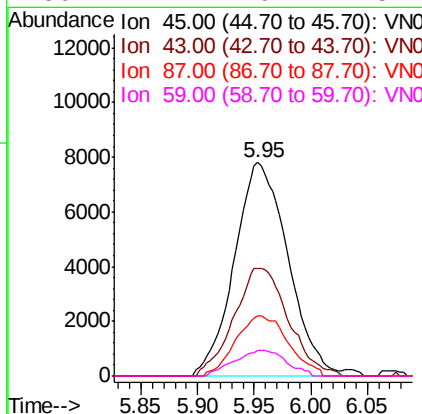
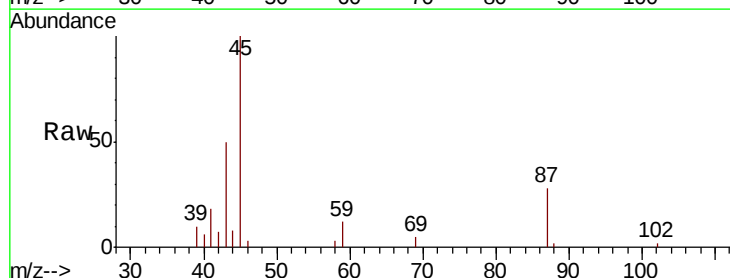
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MSVOA_N
ClientSampleId :
LF015MW047-190604

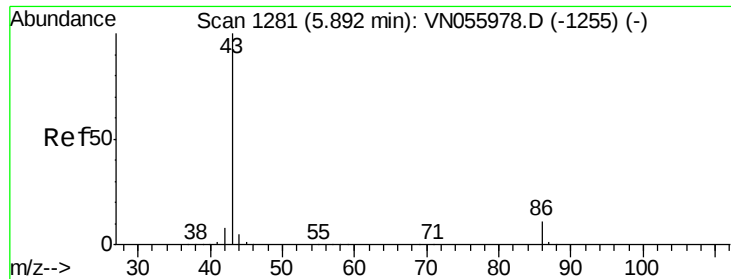
Tot Ion: 43 Resp: 1165
Ion Ratio Lower Upper
43 100
74 12.4 19.3 28.9#



#22
Diisopropyl ether
Concen: 2.709 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056116.D
Acq: 7 Jun 2019 22:41

Tgt Ion: 45 Resp: 25637
Ion Ratio Lower Upper
45 100
43 50.2 45.0 67.6
87 28.3 22.2 33.4
59 11.7 9.1 13.7





#23

Vinyl Acetate

Concen: 1.768 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.06 min

Lab File: VN056116.D

Acq: 7 Jun 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

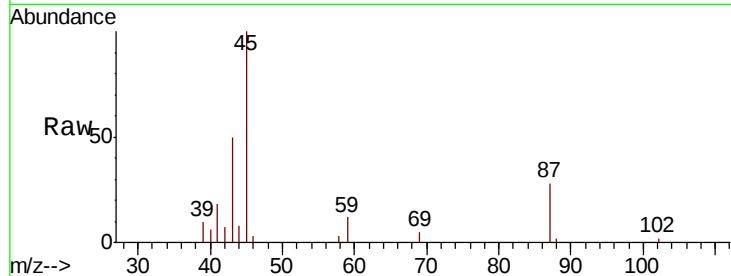
LF015MW047-190604

Tot Ion: 43 Resp: 13175

Ion Ratio Lower Upper

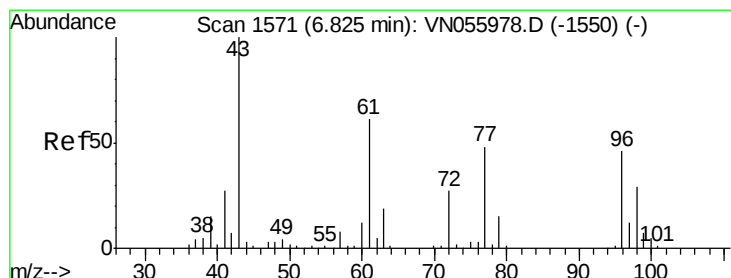
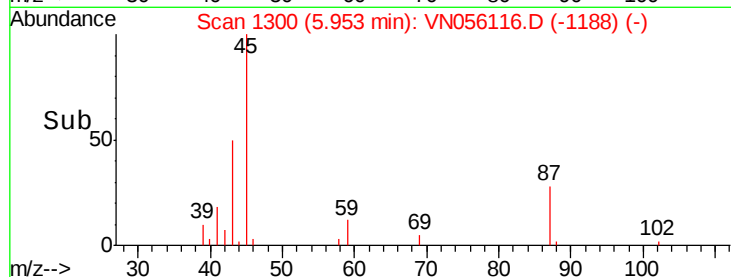
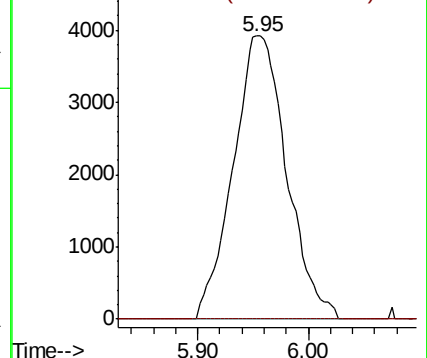
43 100

86 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 0.865 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056116.D

Acq: 7 Jun 2019 22:41

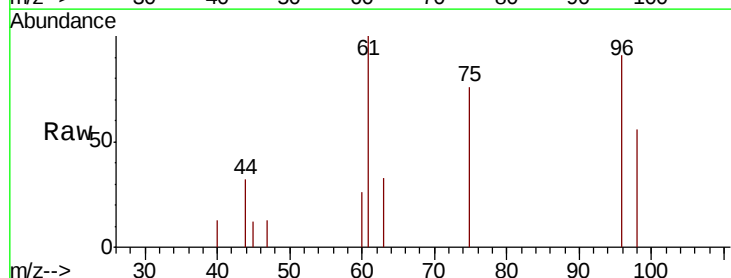
Tgt Ion: 96 Resp: 3160

Ion Ratio Lower Upper

96 100

61 105.1 0.0 275.8

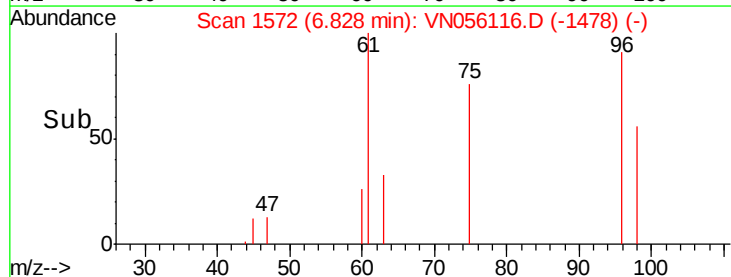
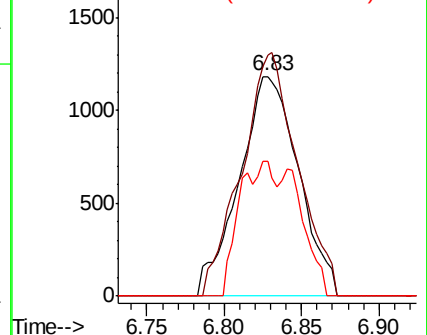
98 17.4 0.0 128.4

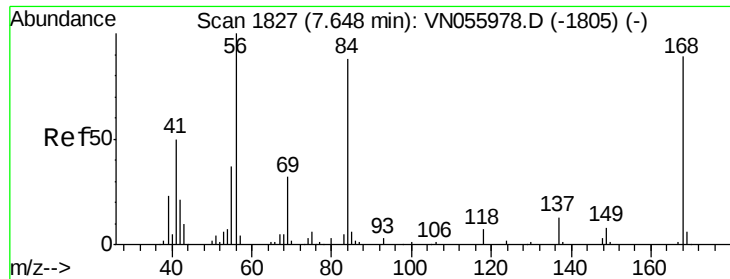


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

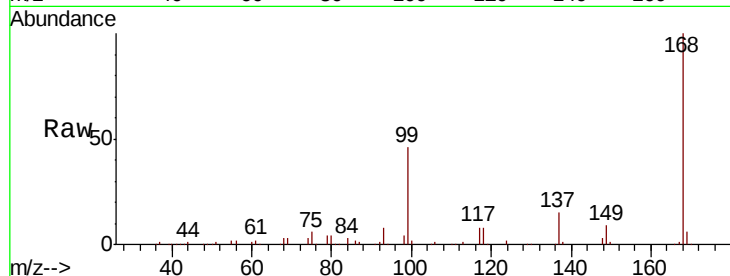




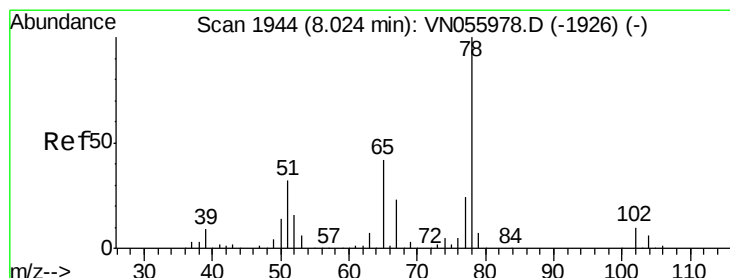
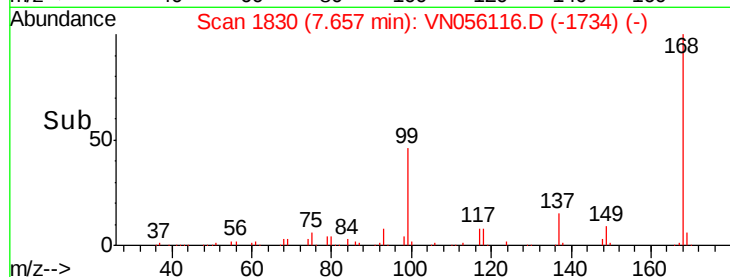
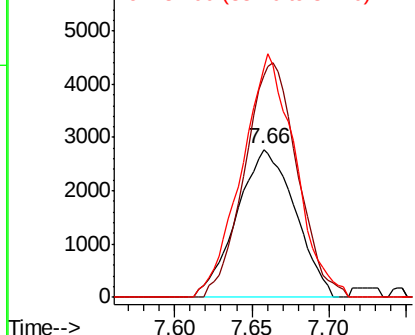
#31
Cyclohexane
Concen: 1.341 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN056116.D
Acq: 7 Jun 2019 22:41

Instrument :
MSVOA_N
ClientSampleId :
LF015MW047-190604

Tot Ion: 56 Resp: 7296
Ion Ratio Lower Upper
56 100
69 150.2 25.6 38.4#
84 155.5 67.4 101.0#

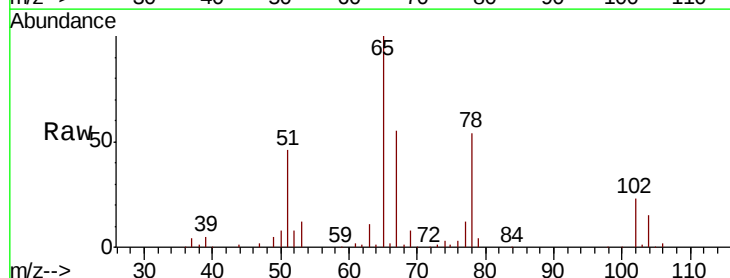


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

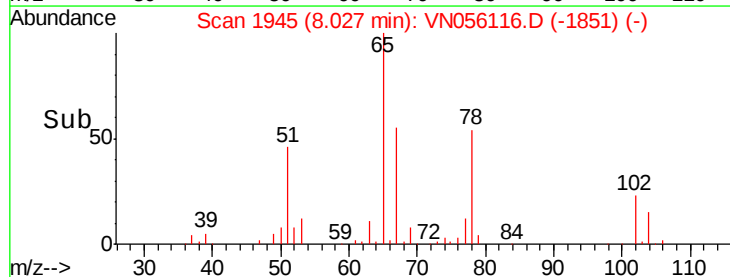
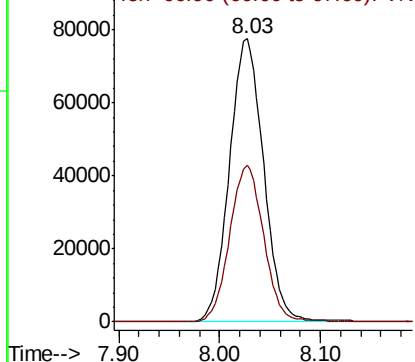


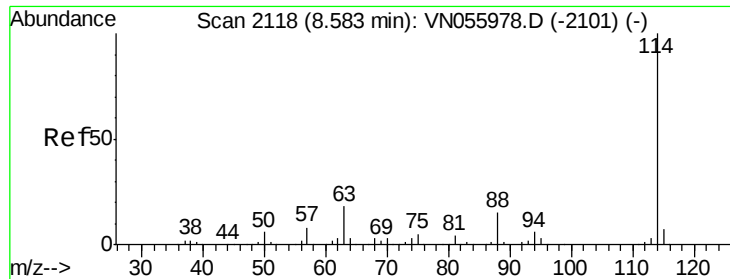
#33
1,2-Dichloroethane-d4
Concen: 53.243 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056116.D
Acq: 7 Jun 2019 22:41

Tgt Ion: 65 Resp: 182562
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.2



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

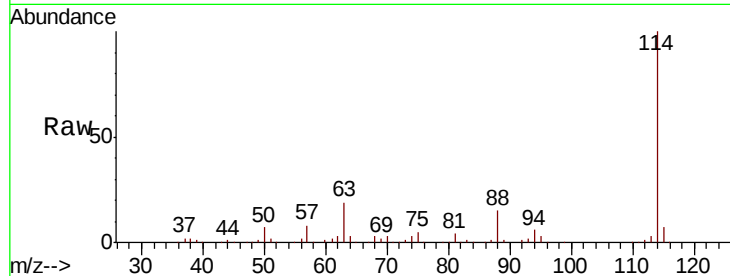




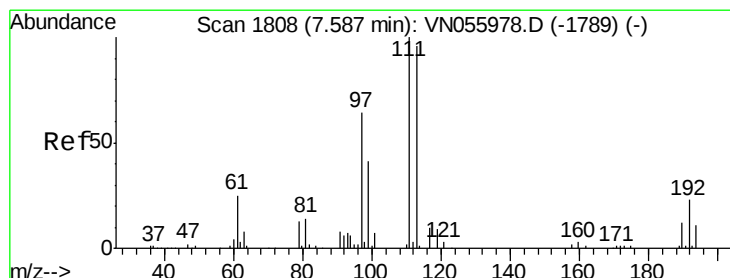
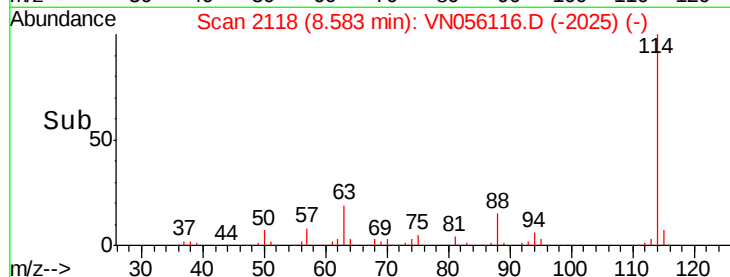
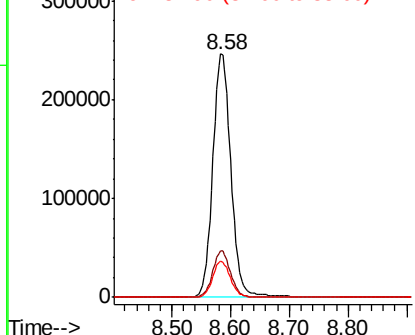
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056116.D
Acq: 7 Jun 2019 22:41

Instrument :
MSVOA_N
ClientSampleId :
LF015MW047-190604

Tot Ion:114 Resp: 528070
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.2
88 15.0 0.0 31.0

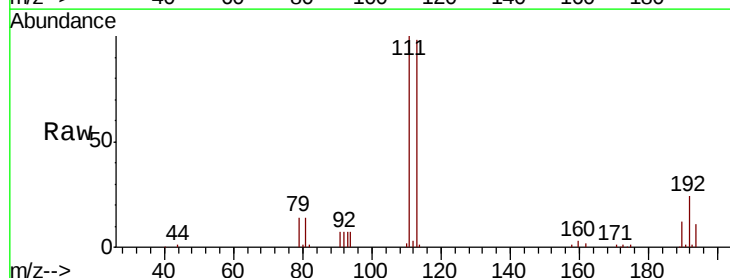


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

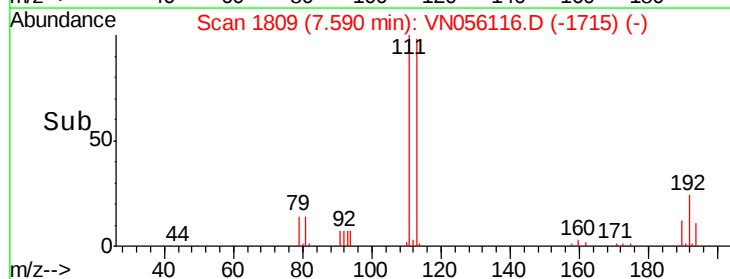
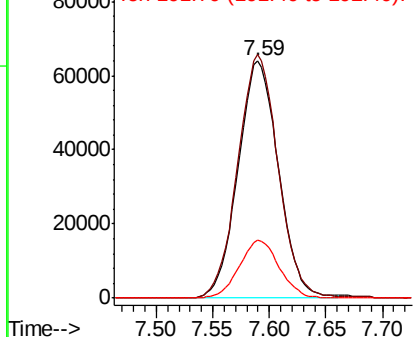


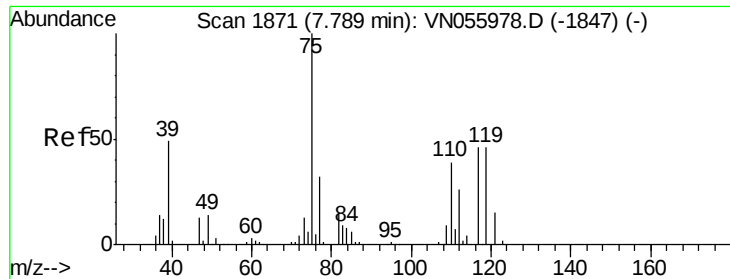
#35
Dibromofluoromethane
Concen: 49.034 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056116.D
Acq: 7 Jun 2019 22:41

Tgt Ion:113 Resp: 158865
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 24.2 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

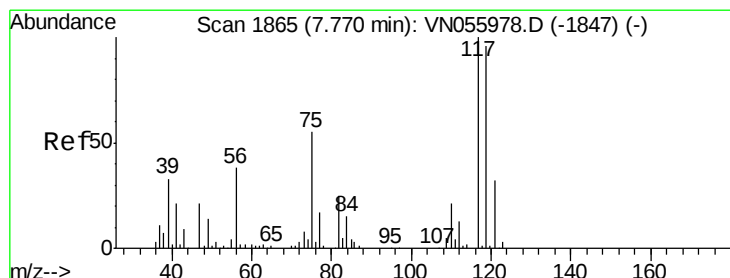
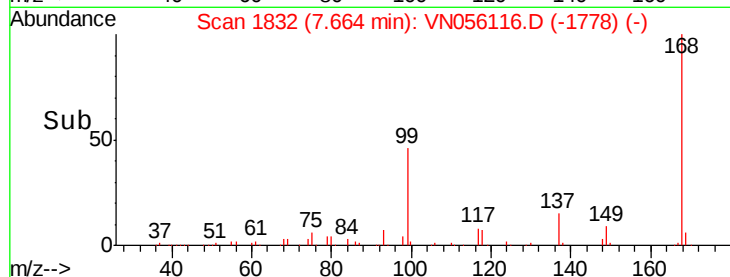
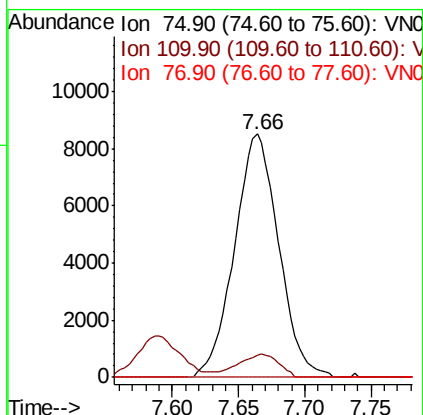
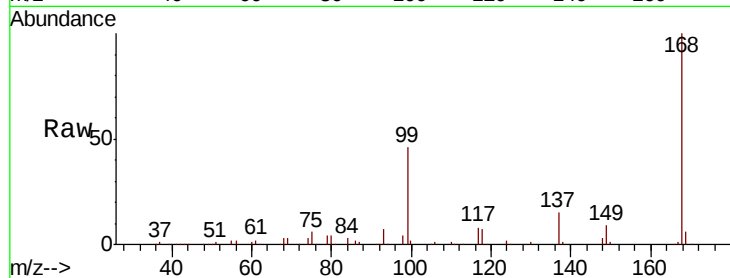




#36
 1,1-Dichloropropene
 Concen: 4.349 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056116.D
 Acq: 7 Jun 2019 22:41

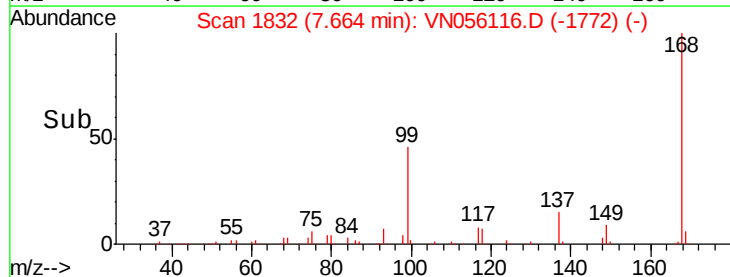
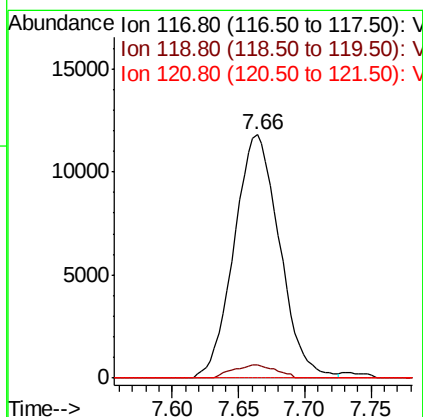
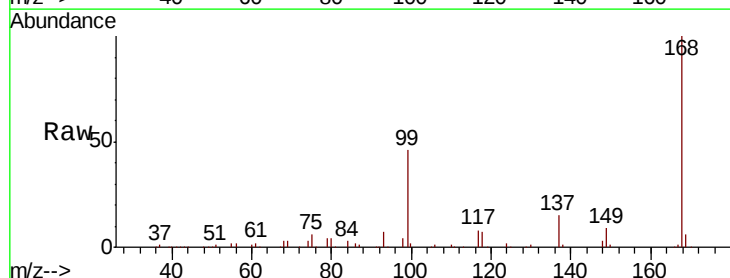
Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW047-190604

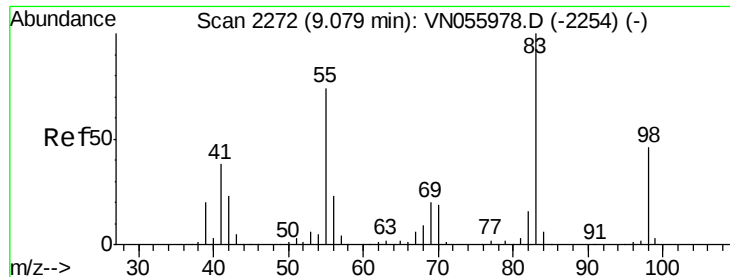
Tot Ion	75	Resp	19749
Ion Ratio	Lower	Upper	
75	100		
110	8.7	19.0	57.0#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.731 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056116.D
 Acq: 7 Jun 2019 22:41

Tgt Ion	117	Resp	28179
Ion Ratio	Lower	Upper	
117	100		
119	5.3	79.0	118.6#
121	0.0	24.7	37.1#

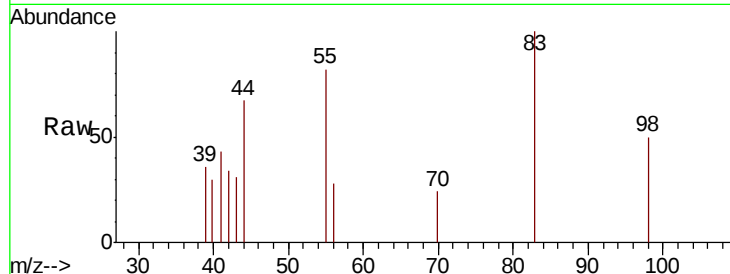




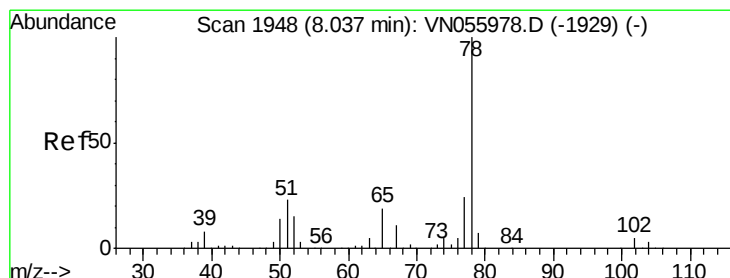
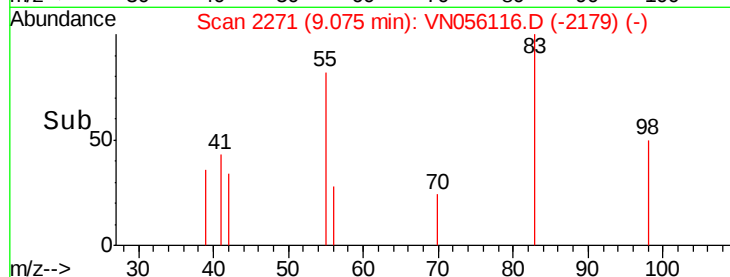
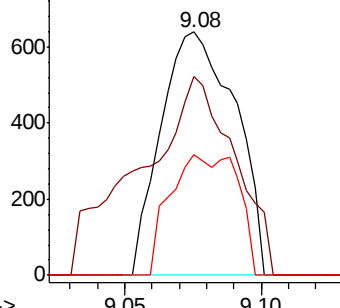
#39
Methvlcvclohexane
Concen: 0.214 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN056116.D
Acq: 7 Jun 2019 22:41

Instrument :
MSVOA_N
ClientSampleId :
LF015MW047-190604

Tot Ion: 83 Resp: 1210
Ion Ratio Lower Upper
83 100
55 81.8 59.3 88.9
98 49.8 36.6 54.8

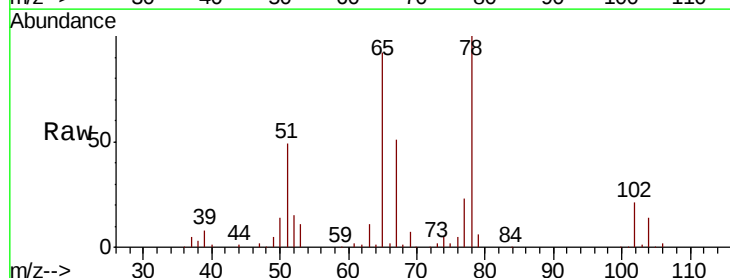


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

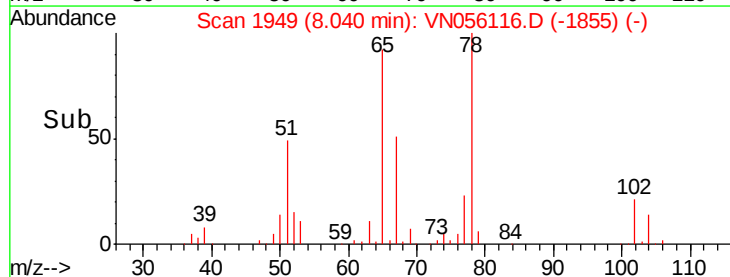
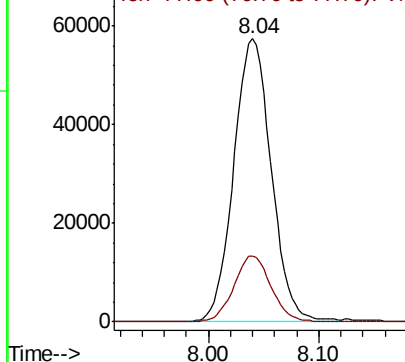


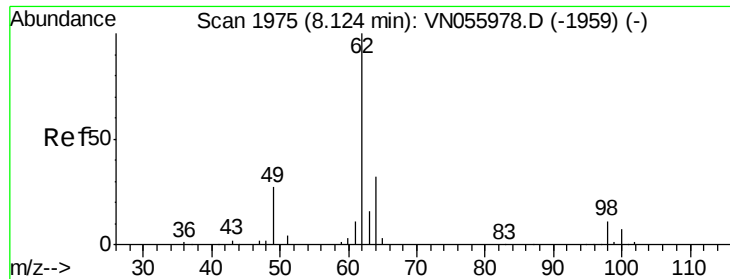
#40
Benzene
Concen: 9.825 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056116.D
Acq: 7 Jun 2019 22:41

Tgt Ion: 78 Resp: 135501
Ion Ratio Lower Upper
78 100
77 23.4 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: 0.251 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. -0.09 min

Lab File: VN056116.D

Acq: 7 Jun 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

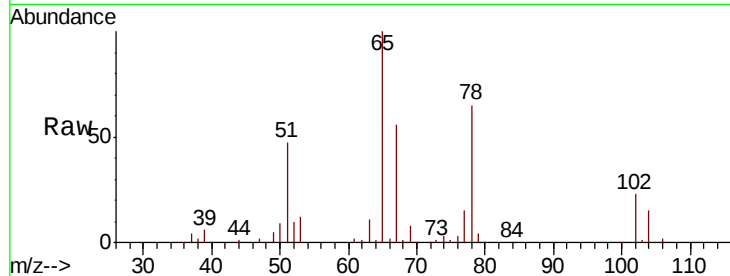
LF015MW047-190604

Tot Ion: 62 Resp: 1112

Ion Ratio Lower Upper

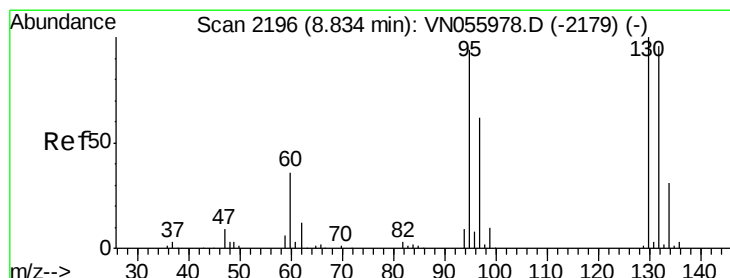
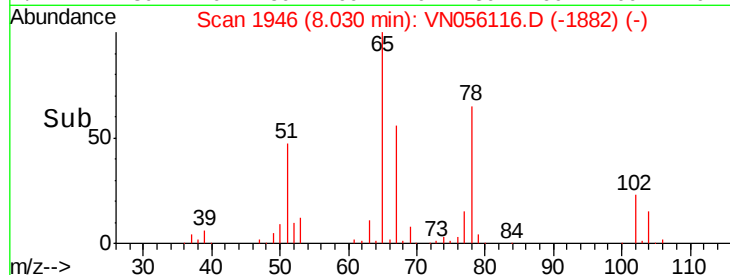
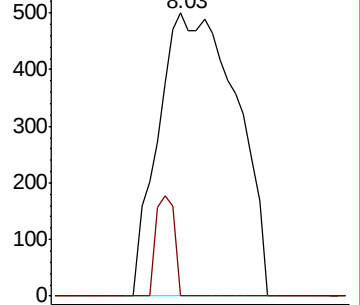
62 100

98 8.5 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) (-)



#44

Trichloroethene

Concen: 0.623 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056116.D

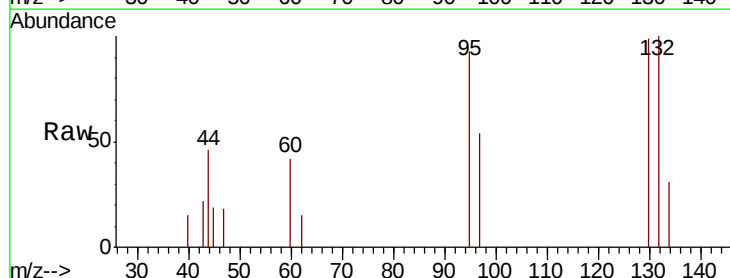
Acq: 7 Jun 2019 22:41

Tgt Ion: 130 Resp: 2470

Ion Ratio Lower Upper

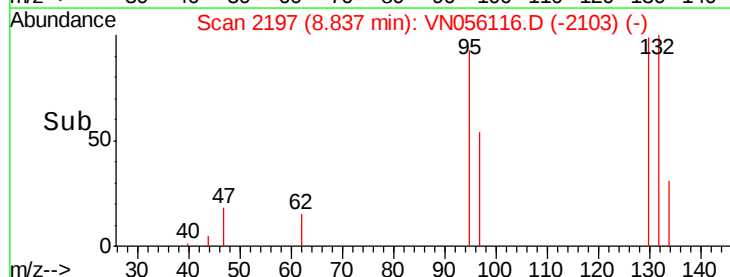
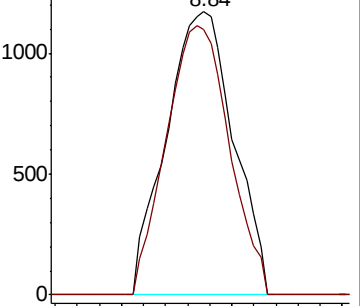
130 100

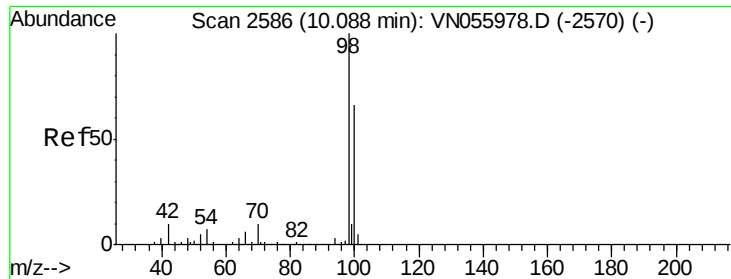
95 93.7 0.0 188.0



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

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





#50

Toluene-d8

Concen: 54.294 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056116.D

Acq: 7 Jun 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

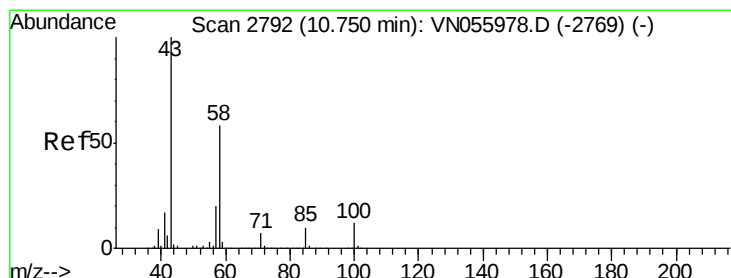
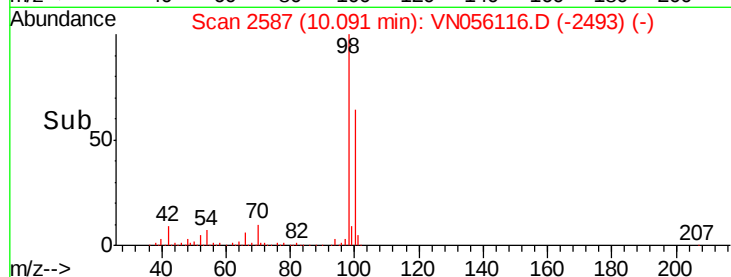
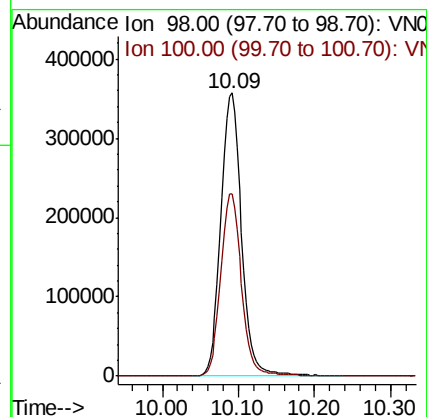
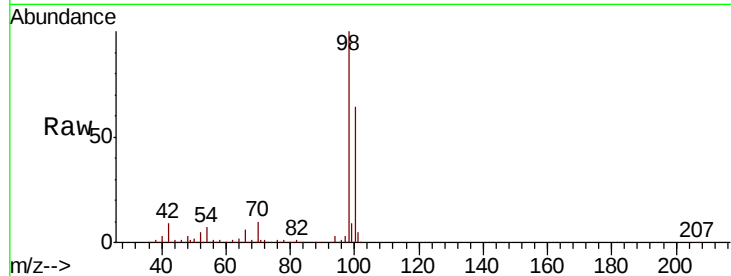
LF015MW047-190604

Tot Ion: 98 Resp: 676890

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#59

2-Hexanone

Concen: 4.040 ug/l

RT: 10.61 min Scan# 2747

Delta R.T. -0.14 min

Lab File: VN056116.D

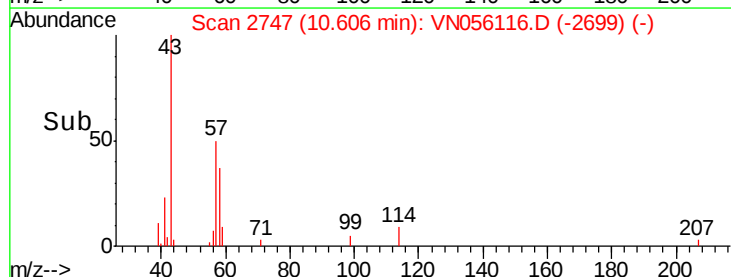
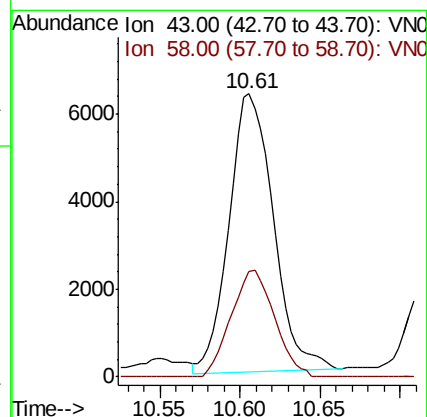
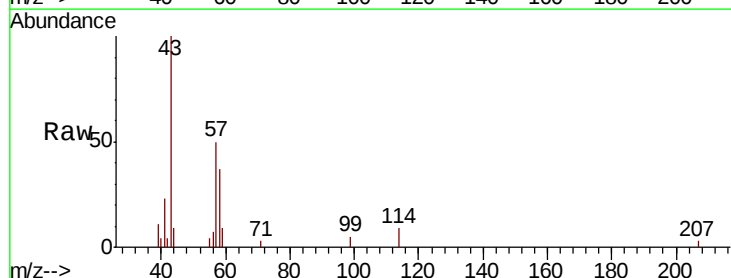
Acq: 7 Jun 2019 22:41

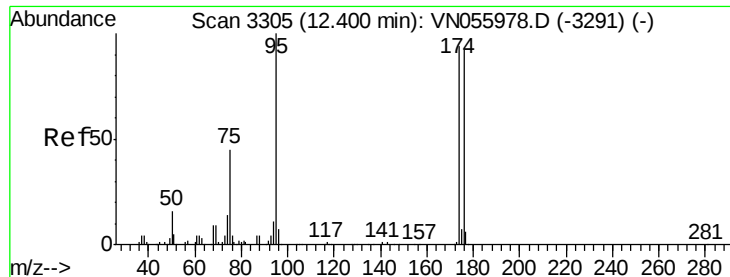
Tgt Ion: 43 Resp: 11989

Ion Ratio Lower Upper

43 100

58 37.4 28.2 84.7





#62

4-Bromofluorobenzene

Concen: 56.820 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056116.D

Acq: 7 Jun 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

LF015MW047-190604

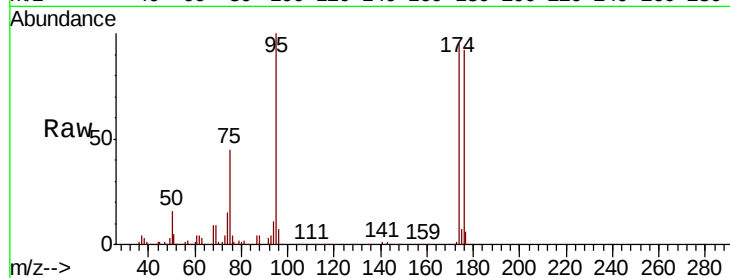
Tot Ion: 95 Resp: 240902

Ion Ratio Lower Upper

95 100

174 95.0 0.0 191.0

176 92.7 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

12.40

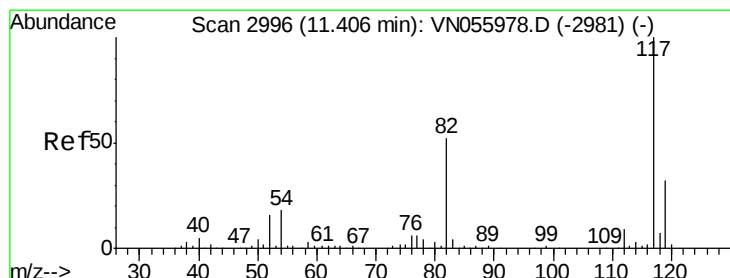
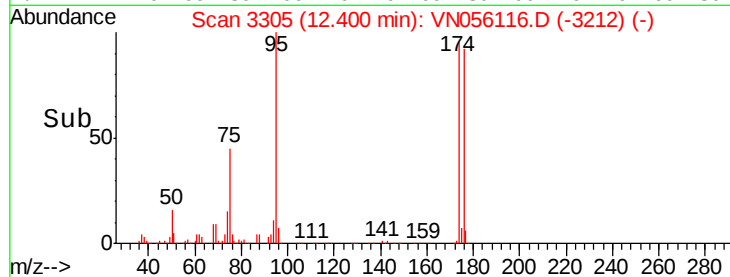
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056116.D

Acq: 7 Jun 2019 22:41

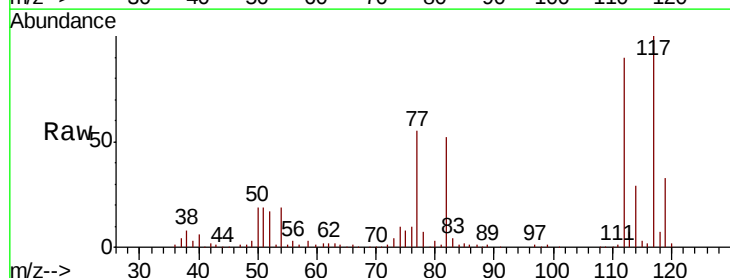
Tgt Ion: 117 Resp: 520192

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

119 32.8 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)

11.41

400000

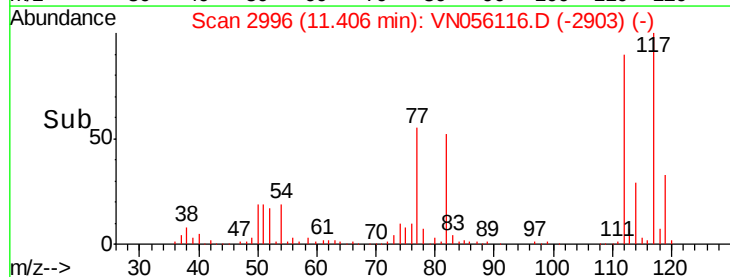
300000

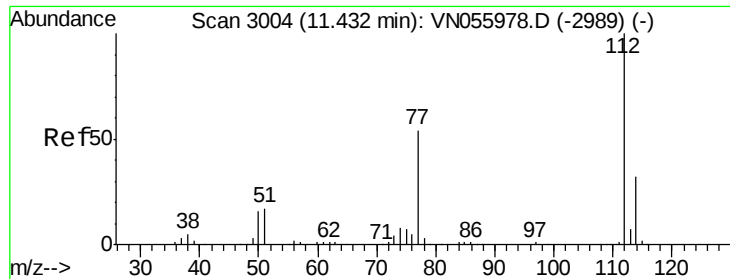
200000

100000

0

Time--> 11.30 11.40 11.50

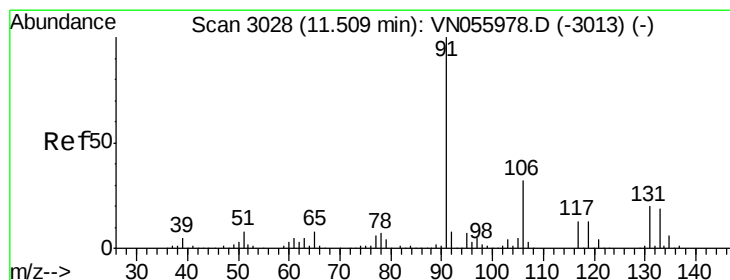
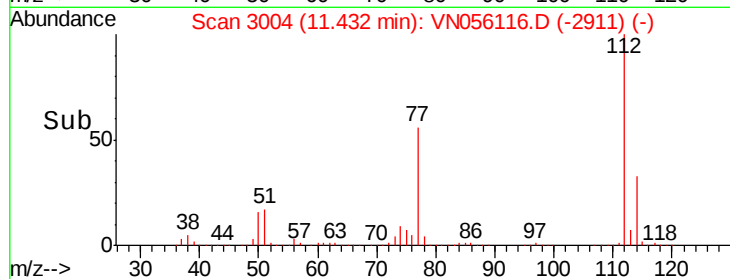
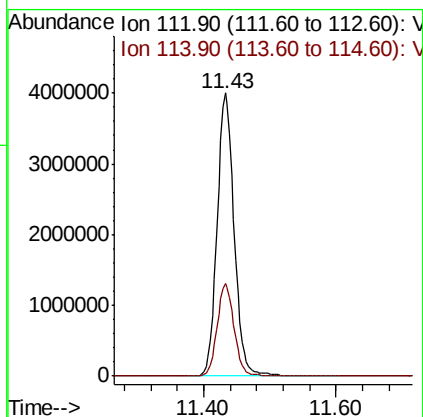
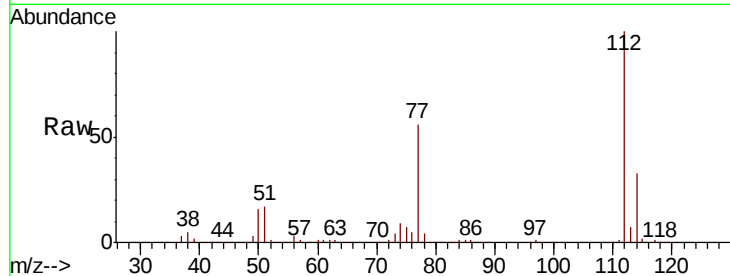




#65
Chlorobenzene
Concen: 684.625 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056116.D
Acq: 7 Jun 2019 22:41

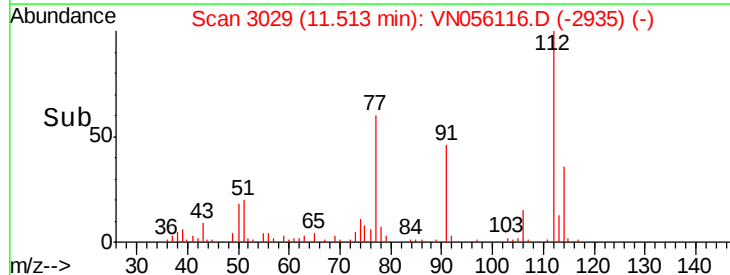
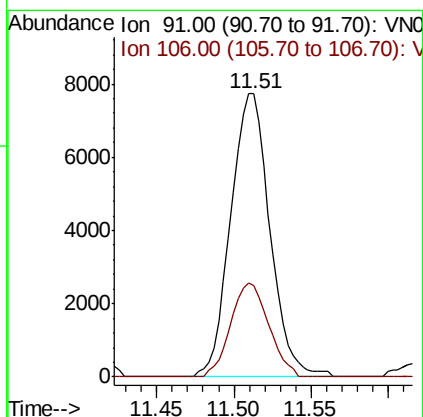
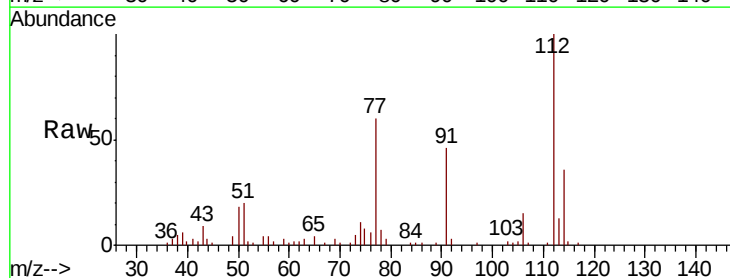
Instrument :
MSVOA_N
ClientSampleId :
LF015MW047-190604

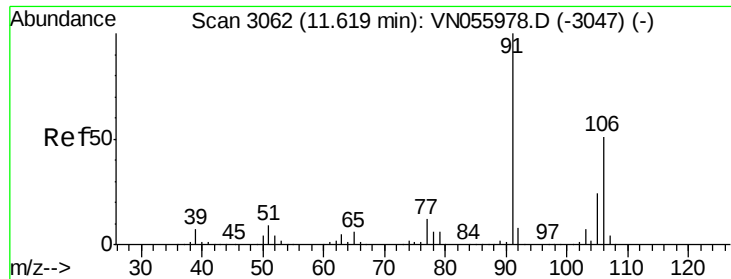
Tot Ion:112 Resp: 7087829
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.4



#67
Ethyl Benzene
Concen: 0.756 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN056116.D
Acq: 7 Jun 2019 22:41

Tgt Ion: 91 Resp: 13615
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7

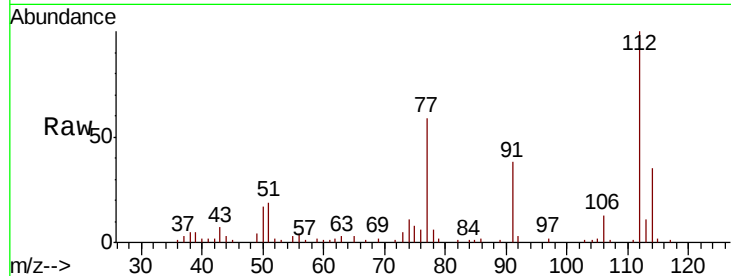




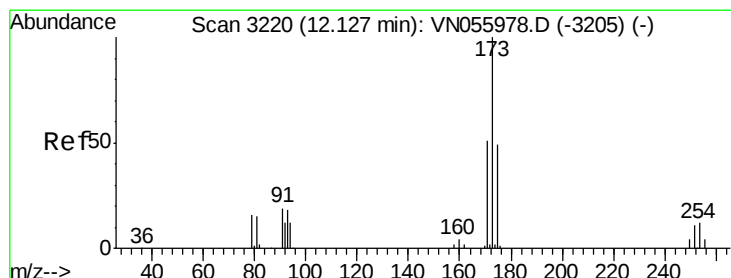
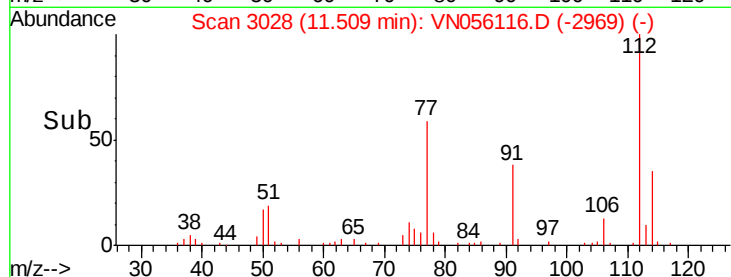
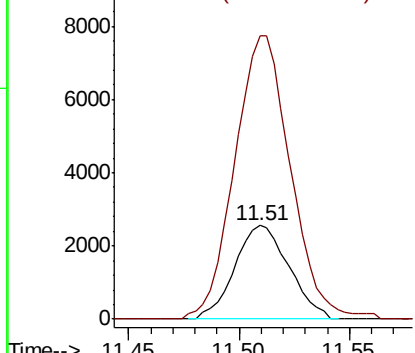
#68
m/p-Xvlenes
Concen: 0.633 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.11 min
Lab File: VN056116.D
Acq: 7 Jun 2019 22:41

Instrument :
MSVOA_N
ClientSampleId :
LF015MW047-190604

Tot Ion:106 Resp: 4354
Ion Ratio Lower Upper
106 100
91 312.7 159.3 238.9#

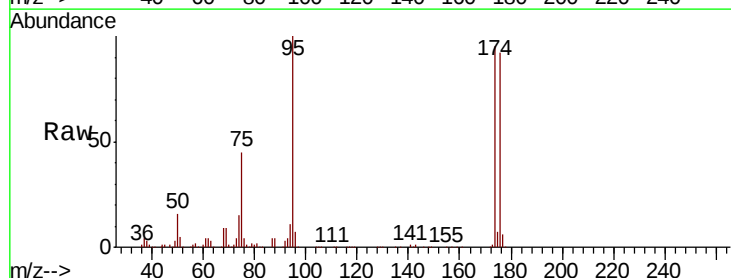


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

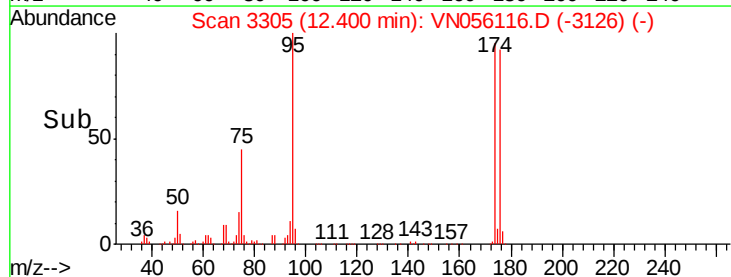
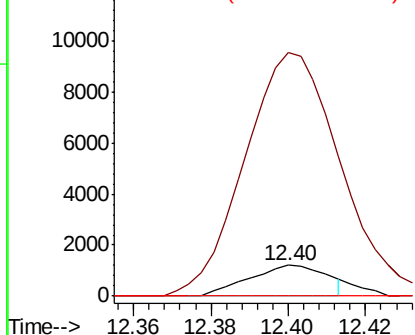


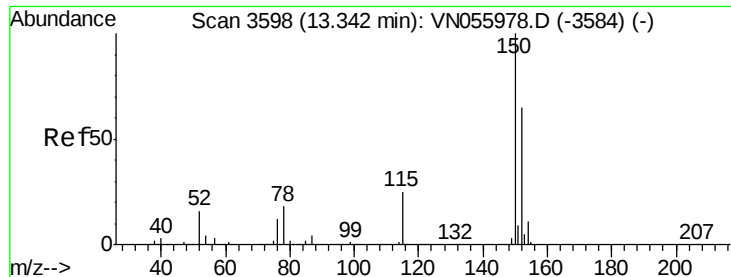
#71
Bromoform
Concen: 3.275 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056116.D
Acq: 7 Jun 2019 22:41

Tgt Ion:173 Resp: 1691
Ion Ratio Lower Upper
173 100
175 844.3 24.3 72.8#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056116.D

Acq: 7 Jun 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

LF015MW047-190604

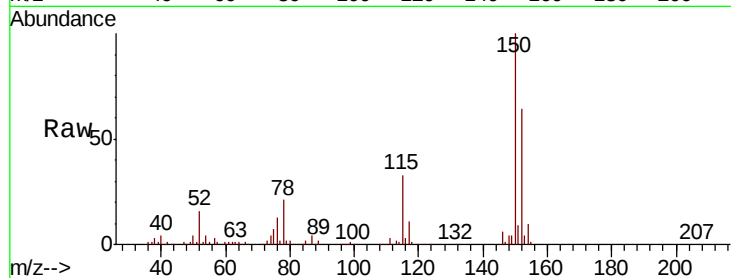
Tot Ion:152 Resp: 211393

Ion Ratio Lower Upper

152 100

115 53.3 27.0 81.0

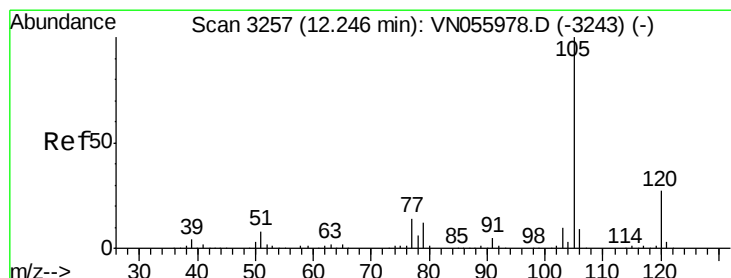
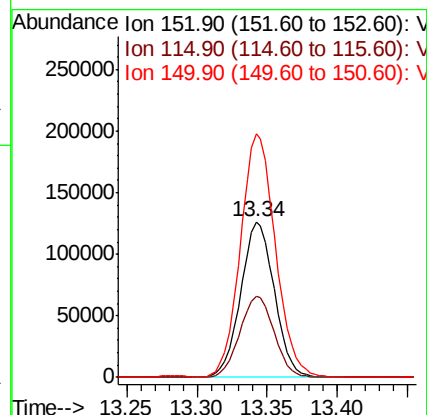
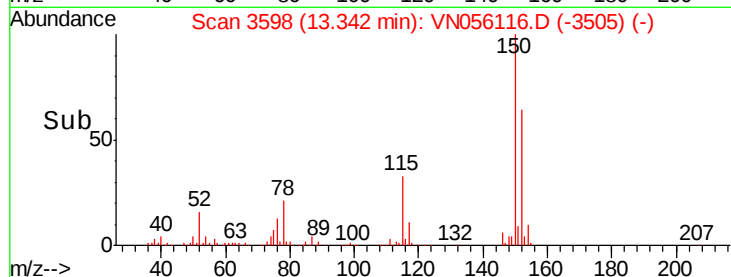
150 162.7 0.0 343.2



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# 3257

Delta R.T. 0.00 min

Lab File: VN056116.D

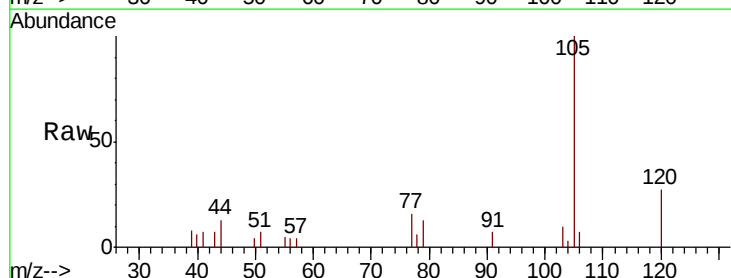
Acq: 7 Jun 2019 22:41

Tgt Ion:105 Resp: 7393

Ion Ratio Lower Upper

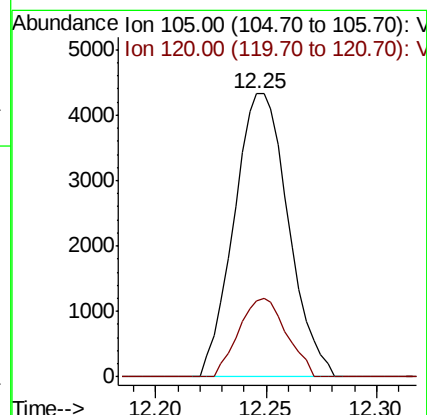
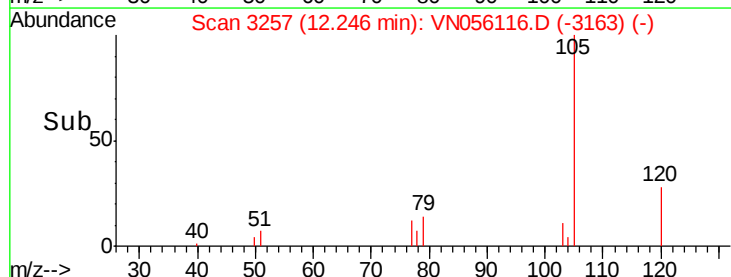
105 100

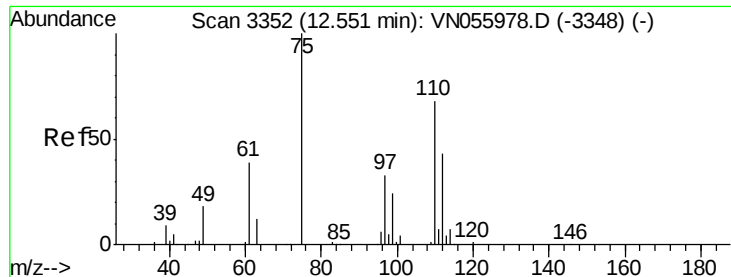
120 24.3 13.6 40.7



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: 27.990 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056116.D

Acq: 7 Jun 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

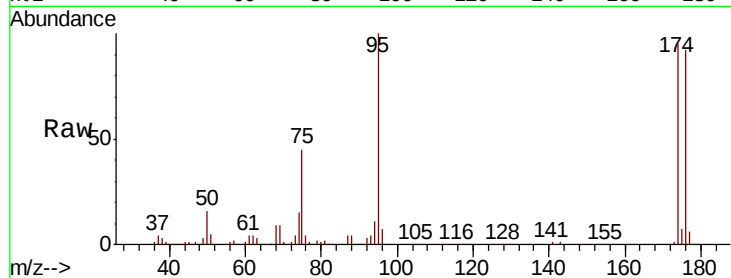
LF015MW047-190604

Tot Ion: 75 Resp: 108872

Ion Ratio Lower Upper

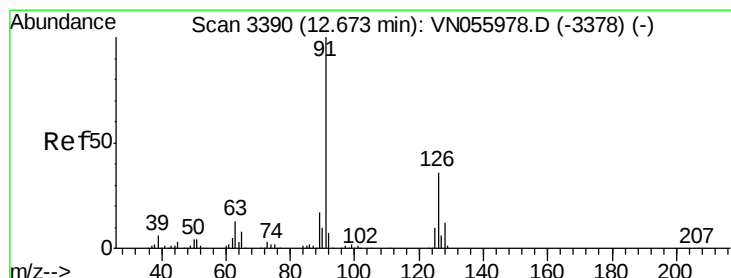
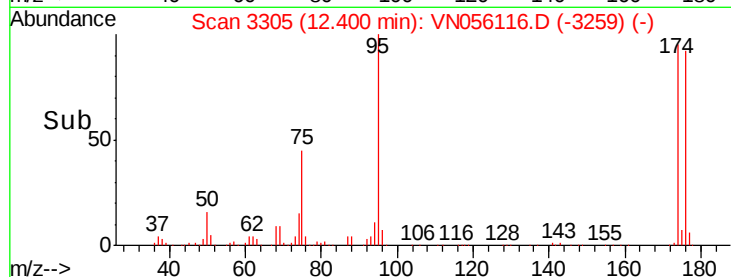
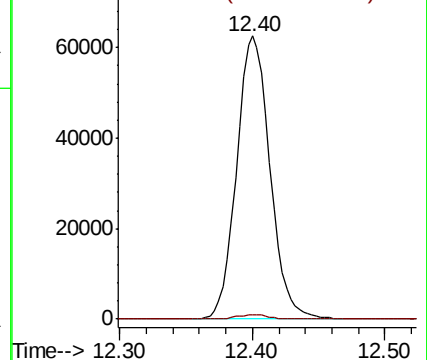
75 100

77 1.4 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: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN056116.D

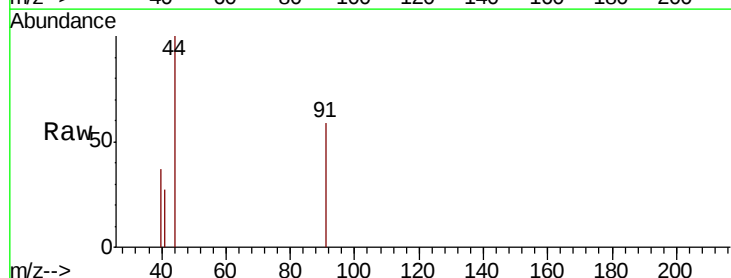
Acq: 7 Jun 2019 22:41

Tgt Ion: 91 Resp: 351

Ion Ratio Lower Upper

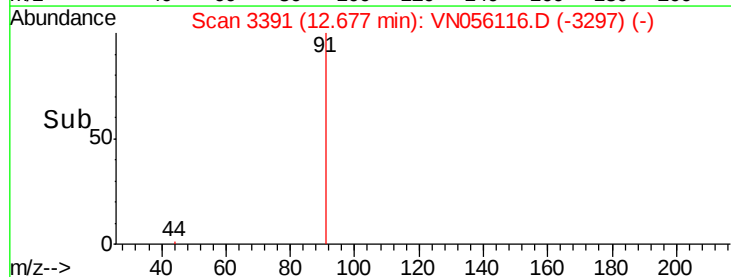
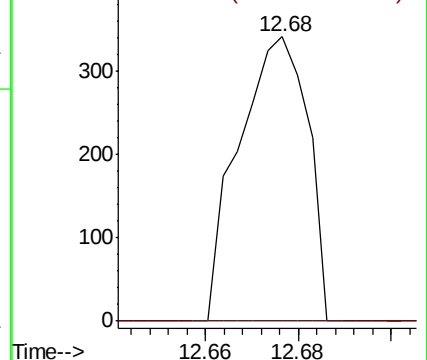
91 100

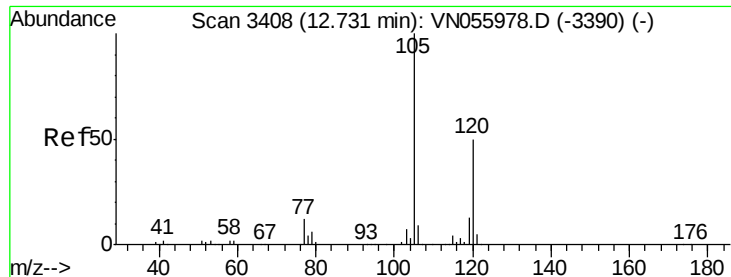
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.978 ug/l

RT: 12.89 min Scan# 3457

Delta R.T. 0.16 min

Lab File: VN056116.D

Acq: 7 Jun 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

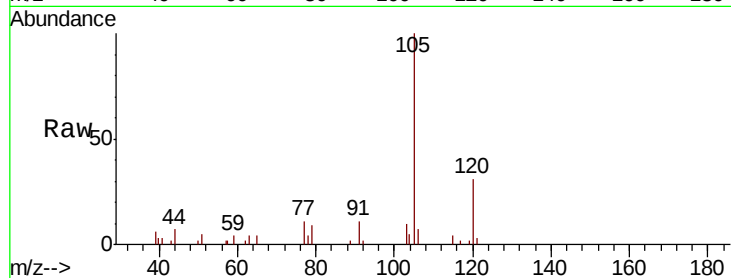
LF015MW047-190604

Tot Ion:105 Resp: 13894

Ion Ratio Lower Upper

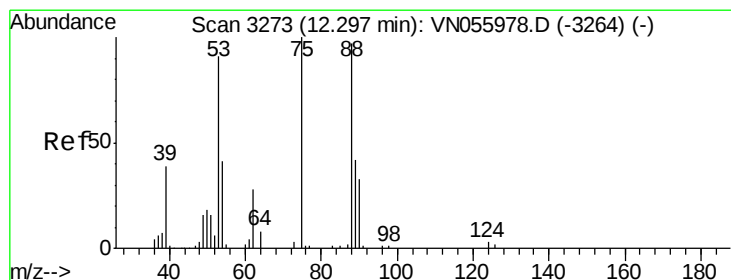
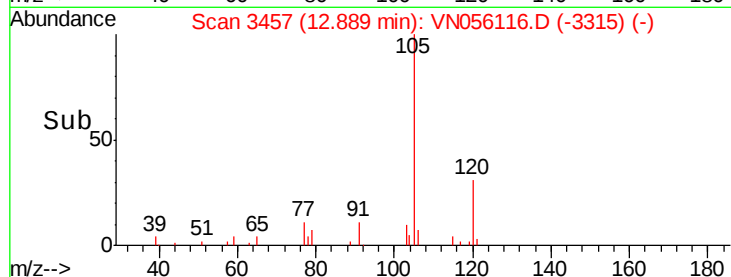
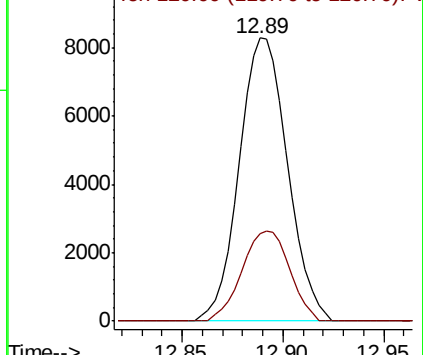
105 100

120 31.4 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 93.211 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056116.D

Acq: 7 Jun 2019 22:41

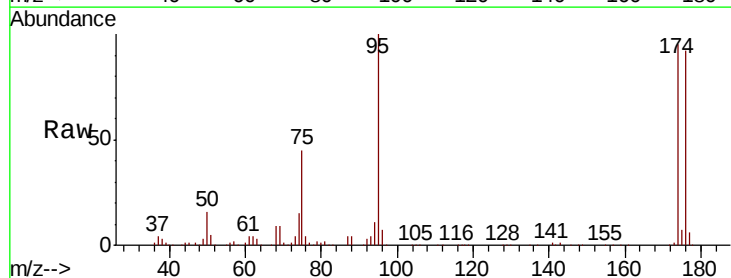
Tgt Ion: 75 Resp: 108872

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

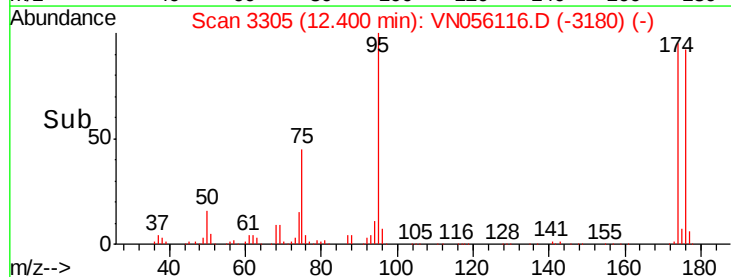
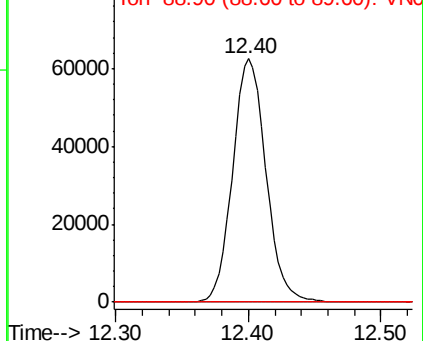
89 0.0 36.9 55.3#

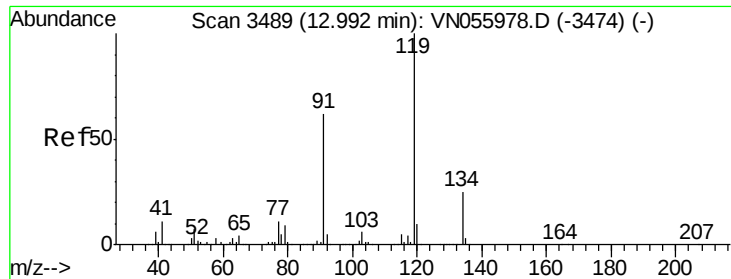


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

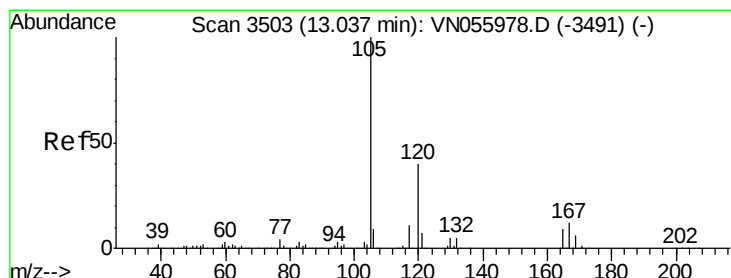
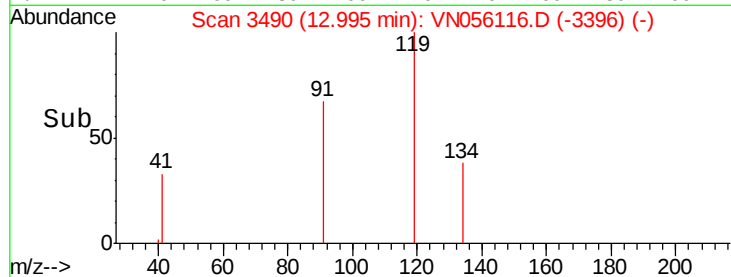
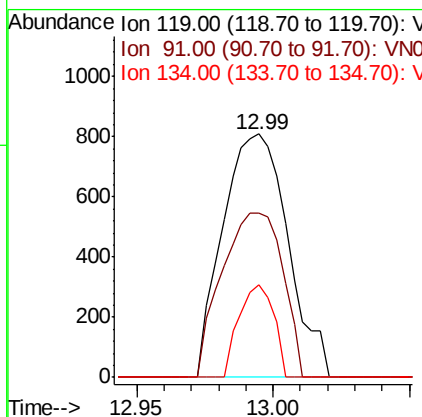
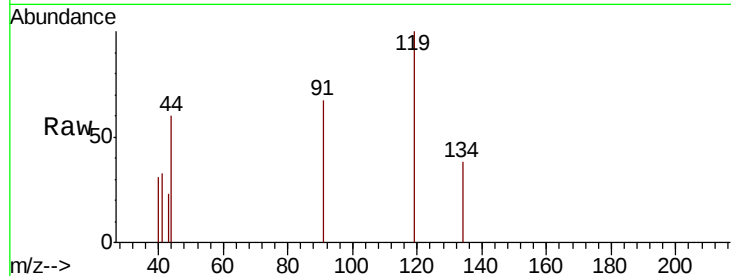




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN056116.D
 Acq: 7 Jun 2019 22:41

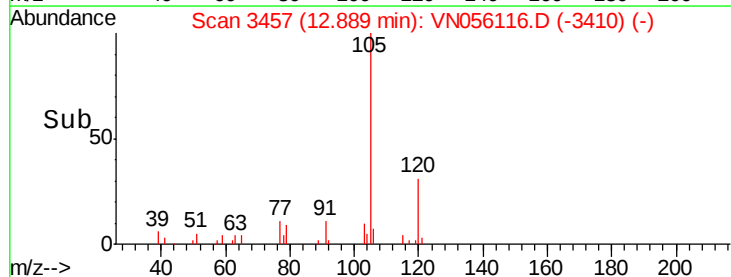
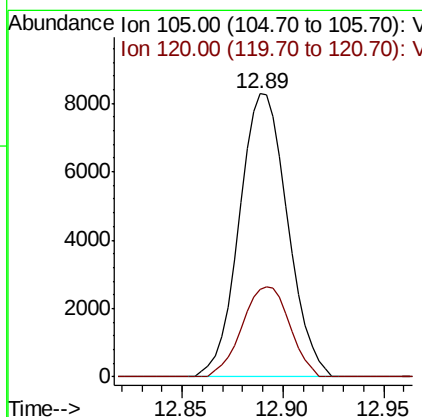
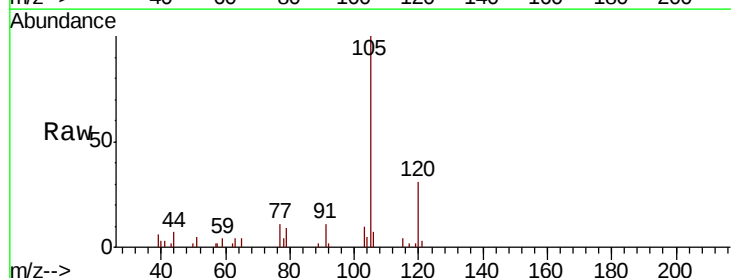
Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW047-190604

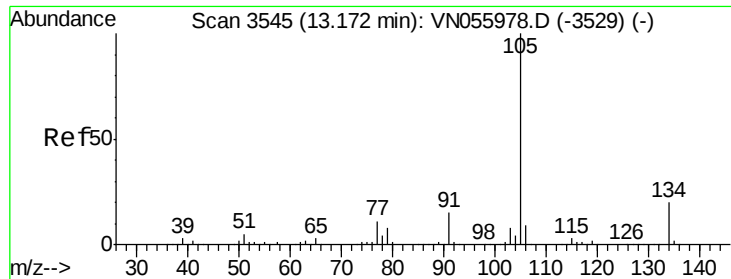
Tot Ion:119 Resp: 1340
 Ion Ratio Lower Upper
 119 100
 91 63.0 30.9 92.8
 134 20.4 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.031 ug/l
 RT: 12.89 min Scan# 3457
 Delta R.T. -0.15 min
 Lab File: VN056116.D
 Acq: 7 Jun 2019 22:41

Tgt Ion:105 Resp: 13894
 Ion Ratio Lower Upper
 105 100
 120 31.4 23.0 69.0

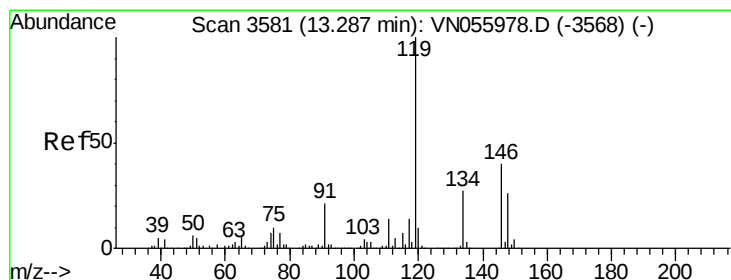
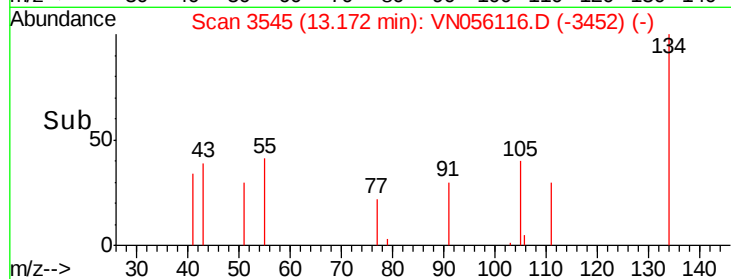
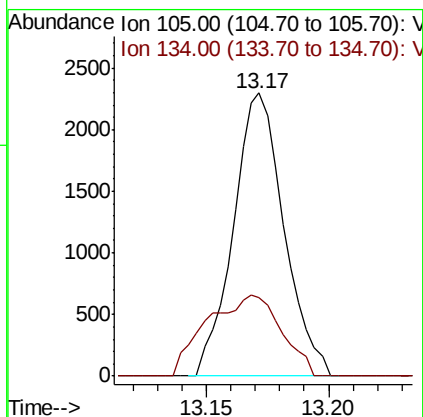
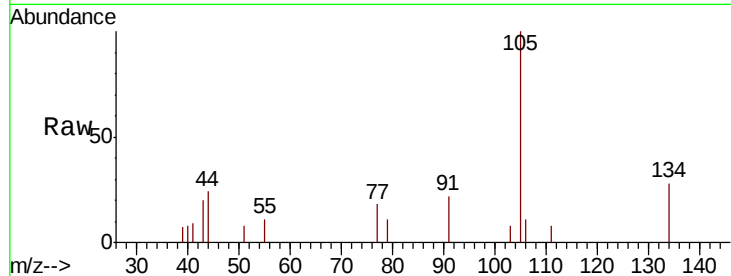




#85
 sec-Butylbenzene
 Concen: 0.208 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056116.D
 Acq: 7 Jun 2019 22:41

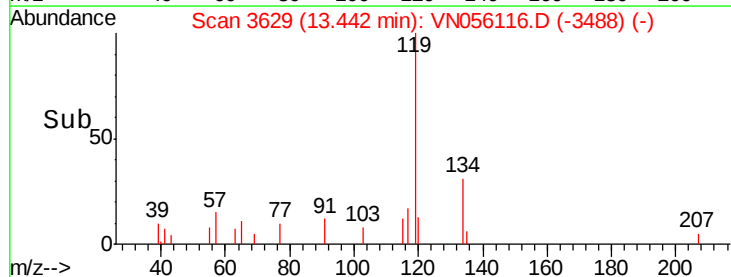
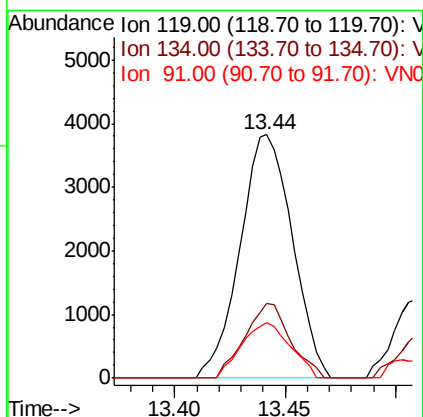
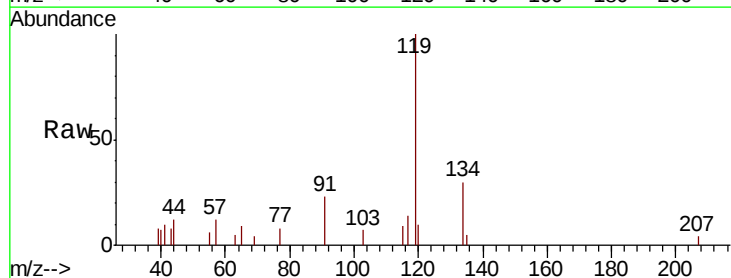
Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW047-190604

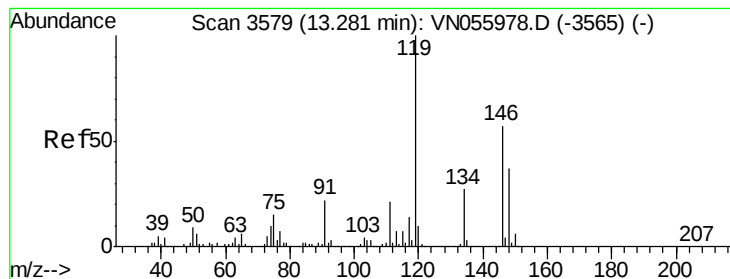
Tot Ion:105 Resp: 3296
 Ion Ratio Lower Upper
 105 100
 134 42.2 10.4 31.2#



#86
 p-Isopropyltoluene
 Concen: 0.444 ug/l
 RT: 13.44 min Scan# 3629
 Delta R.T. 0.15 min
 Lab File: VN056116.D
 Acq: 7 Jun 2019 22:41

Tgt Ion:119 Resp: 6299
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 21.1 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 2.533 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN056116.D

Acq: 7 Jun 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

LF015MW047-190604

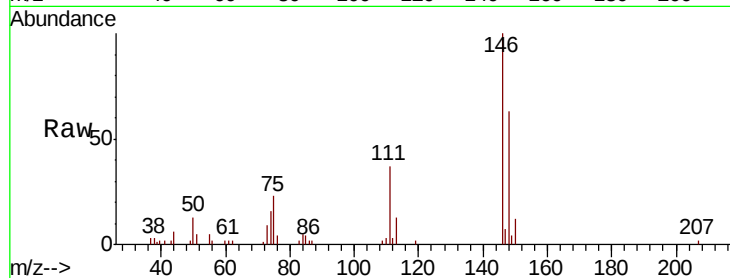
Tot Ion:146 Resp: 17740

Ion Ratio Lower Upper

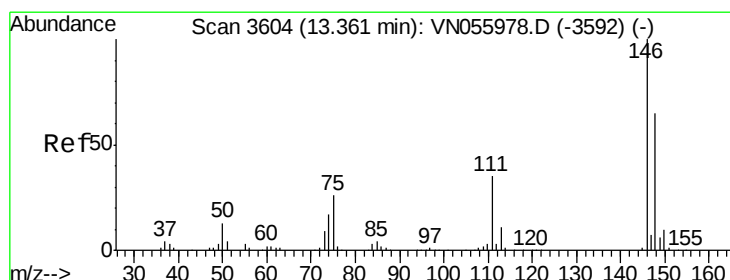
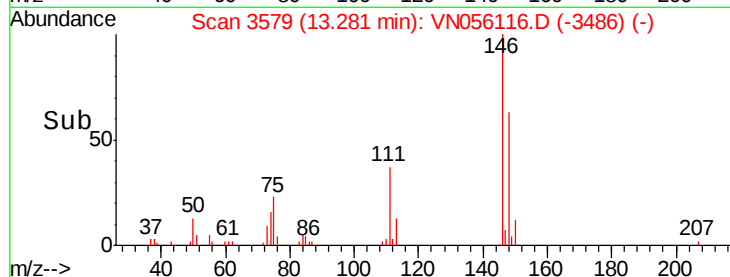
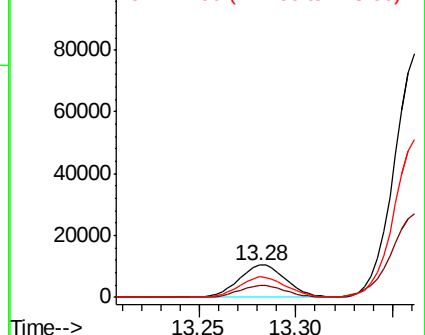
146 100

111 36.0 18.5 55.5

148 62.2 32.0 96.2



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: 19.363 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN056116.D

Acq: 7 Jun 2019 22:41

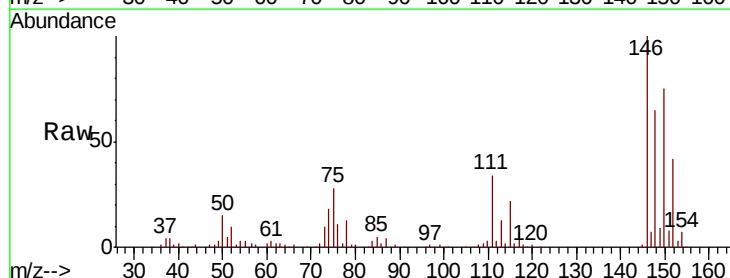
Tgt Ion:146 Resp: 130474

Ion Ratio Lower Upper

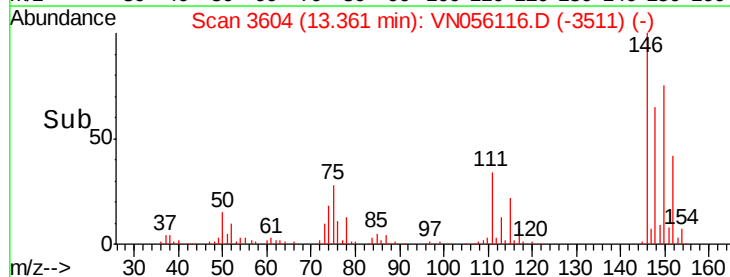
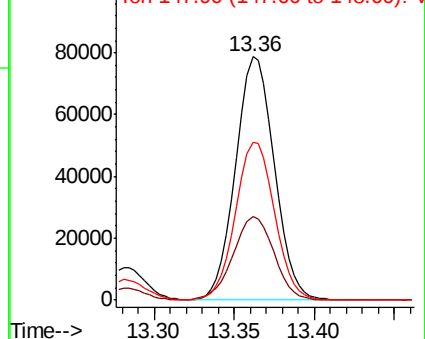
146 100

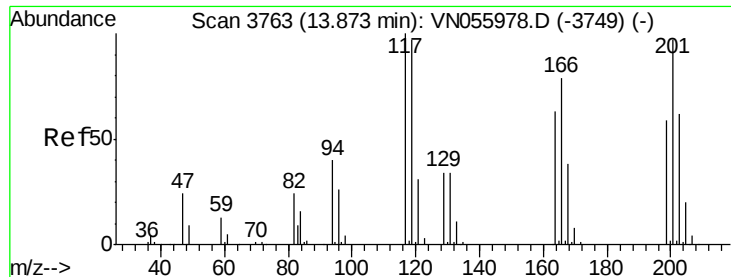
111 36.2 18.1 54.4

148 65.2 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

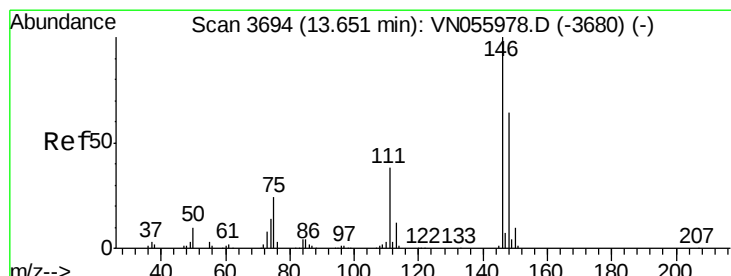
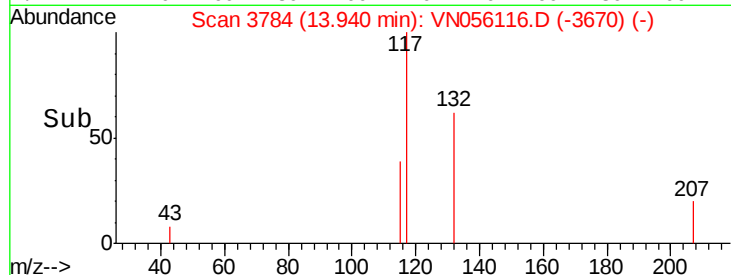
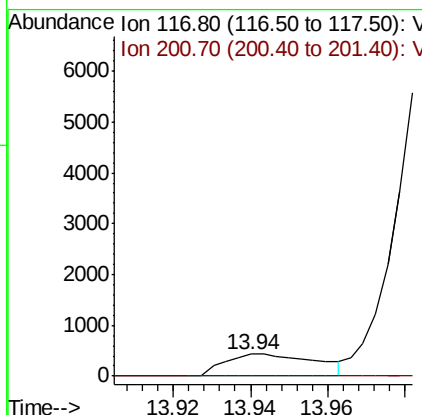
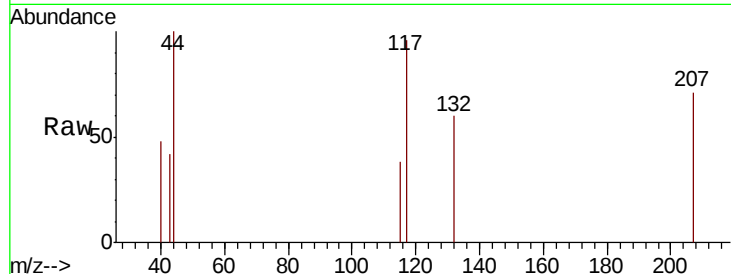




#90
Hexachloroethane
Concen: 0.334 ug/l
RT: 13.94 min Scan# 3784
Delta R.T. 0.07 min
Lab File: VN056116.D
Acq: 7 Jun 2019 22:41

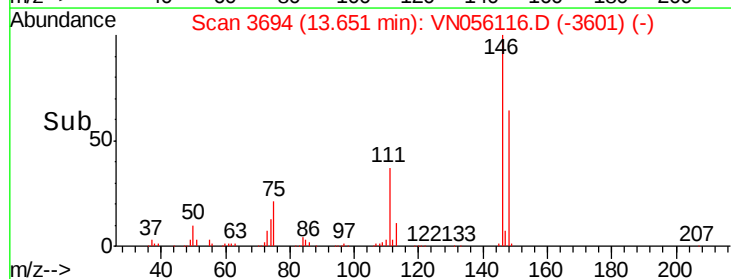
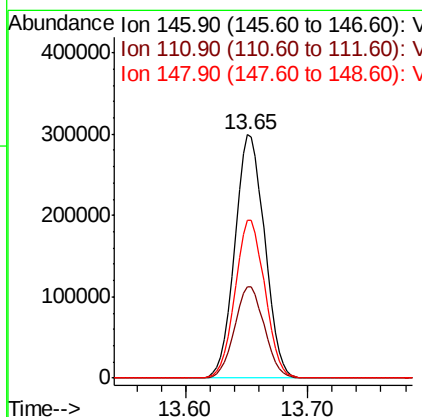
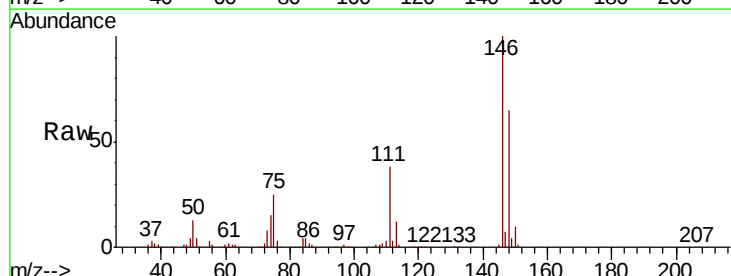
Instrument :
MSVOA_N
ClientSampleId :
LF015MW047-190604

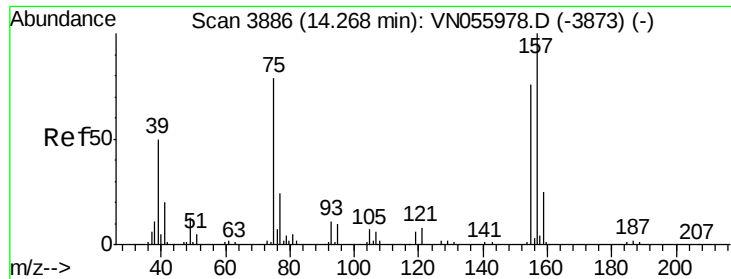
Tot Ion:117 Resp: 715
Ion Ratio Lower Upper
117 100
201 0.0 50.0 150.0#



#91
1,2-Dichlorobenzene
Concen: 71.654 ug/l
RT: 13.65 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN056116.D
Acq: 7 Jun 2019 22:41

Tgt Ion:146 Resp: 506744
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.5
148 64.7 31.9 95.9

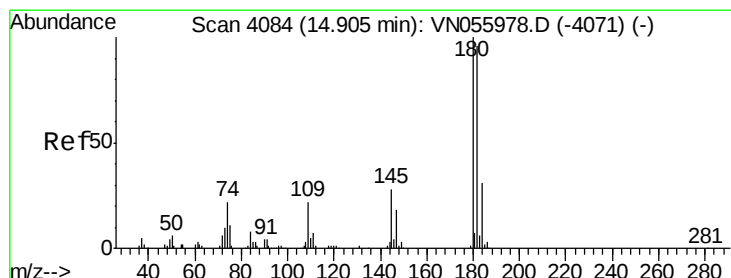
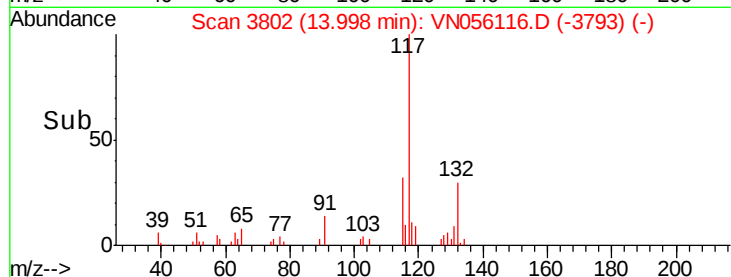
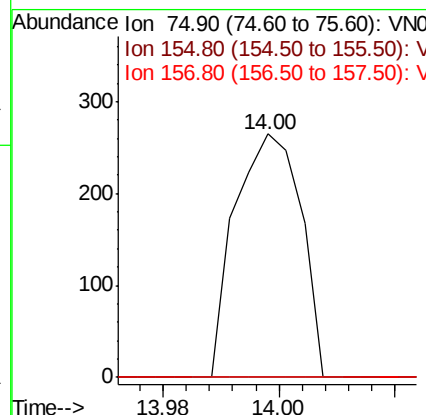
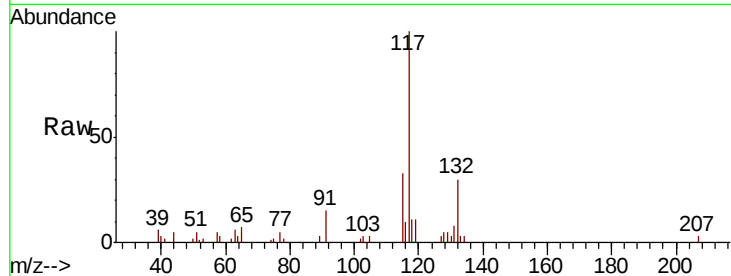




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.296 ug/l
 RT: 14.00 min Scan# 3802
 Delta R.T. -0.27 min
 Lab File: VN056116.D
 Acq: 7 Jun 2019 22:41

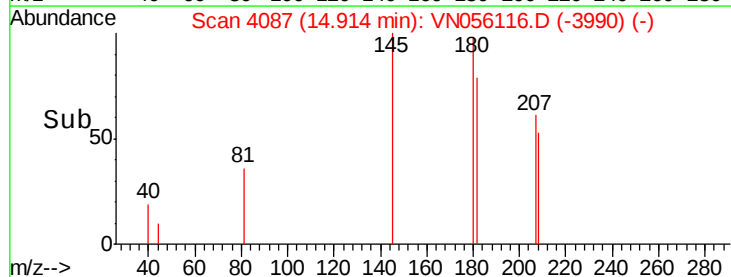
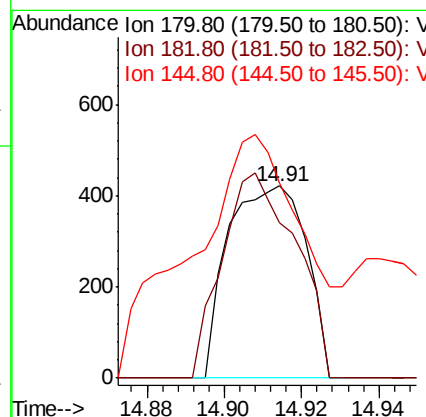
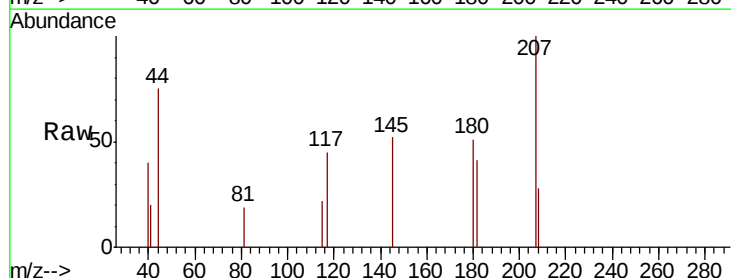
Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW047-190604

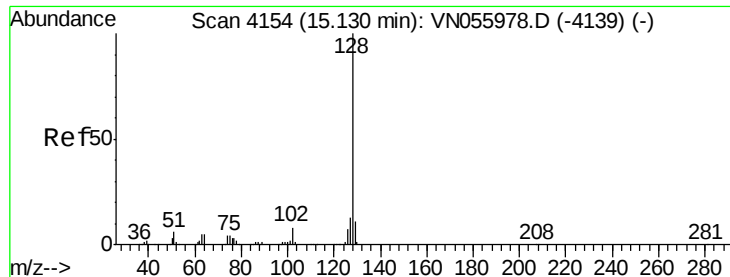
Tot Ion: 75 Resp: 208
 Ion Ratio Lower Upper
 75 100
 155 0.0 50.0 150.1#
 157 0.0 64.8 194.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.409 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN056116.D
 Acq: 7 Jun 2019 22:41

Tgt Ion: 180 Resp: 592
 Ion Ratio Lower Upper
 180 100
 182 100.7 48.3 144.9
 145 179.6 14.0 41.9#





#95

Naphthalene

Concen: 5.036 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056116.D

Acq: 7 Jun 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

LF015MW047-190604

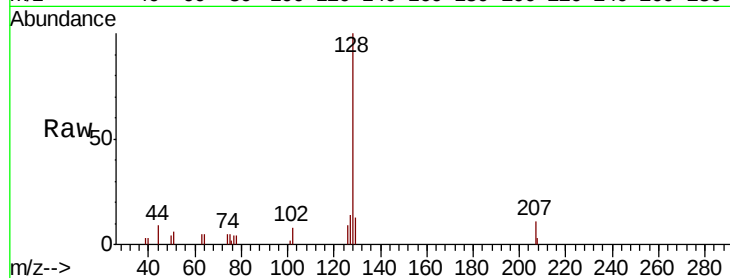
Tot Ion:128 Resp: 12975

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

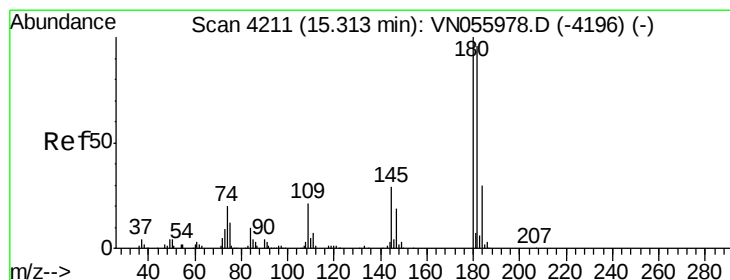
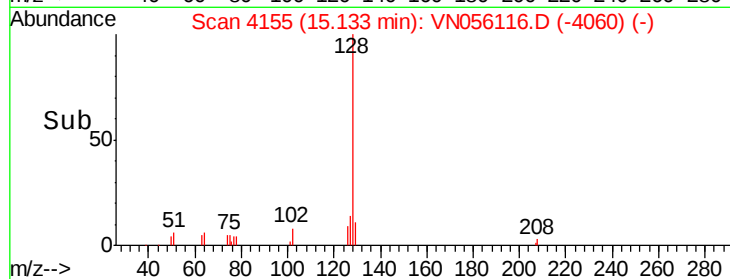
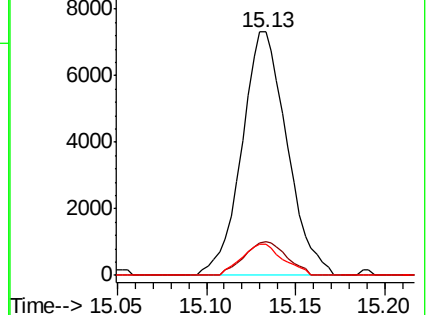
129 11.7 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 3.046 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN056116.D

Acq: 7 Jun 2019 22:41

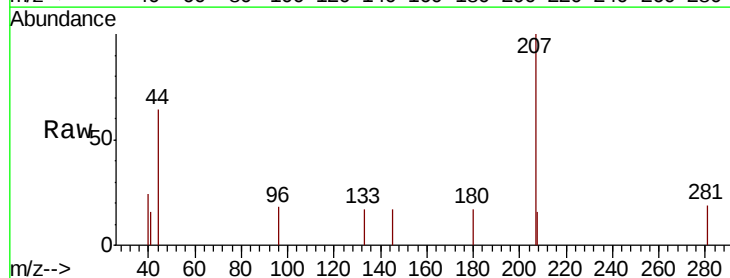
Tgt Ion:180 Resp: 63

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.7#

145 1001.6 14.9 44.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

