

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056072.D
 Acq On : 7 Jun 2019 3:04
 Operator : JC/SP
 Sample : K3203-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0530-190604

Quant Time: Jun 07 05:34:14 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

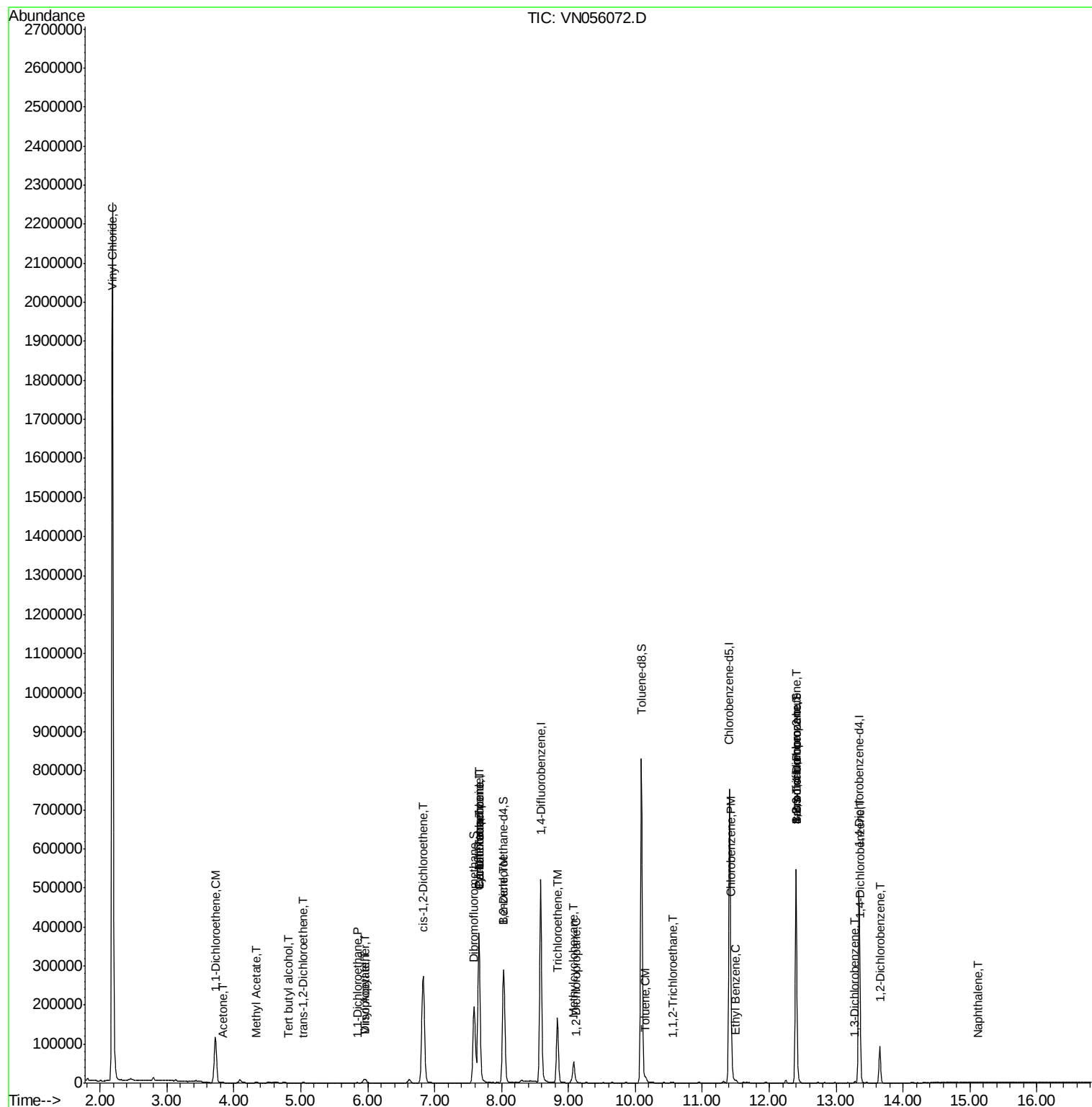
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	340353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	508235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	172443	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	7.59	113	152816	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.09	98	630511	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.40	95	196474	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.18	62	2148263	580.479	ug/l	100
11) Tert butyl alcohol	4.81	59	280	0.476	ug/l #	74
12) 1,1-Dichloroethene	3.72	96	67035	23.462	ug/l	97
16) Acetone	3.83	43	1853	1.146	ug/l	94
18) Methyl Acetate	4.34	43	2616	0.249	ug/l #	72
21) trans-1,2-Dichloroethene	5.04	96	875	0.286	ug/l	84
22) Diisopropyl ether	5.96	45	14481	1.553	ug/l	91
23) Vinyl Acetate	5.96	43	6866	0.935	ug/l #	71
24) 1,1-Dichloroethane	5.85	63	1156	0.215	ug/l #	83
27) cis-1,2-Dichloroethene	6.83	96	196732	54.669	ug/l	90
31) Cyclohexane	7.65	56	24139	4.502	ug/l #	78
36) 1,1-Dichloropropene	7.66	75	19543	4.472	ug/l #	48
38) Carbon Tetrachloride	7.66	117	27591	6.848	ug/l #	15
39) Methylcyclohexane	9.08	83	25055	4.602	ug/l	98
40) Benzene	8.04	78	127125	9.578	ug/l	98
44) Trichloroethene	8.83	130	70449	18.471	ug/l	97
45) 1,2-Dichloropropane	9.12	63	1975	0.581	ug/l	95
52) Toluene	10.15	92	3425	0.415	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	921	0.282	ug/l #	87
65) Chlorobenzene	11.43	112	65457	6.879	ug/l	99
67) Ethyl Benzene	11.51	91	4143	0.250	ug/l	99
71) Bromoform	12.40	173	1396	3.220	ug/l #	1
73) Isopropylbenzene	12.25	105	5329	Below Cal		97
76) 1,2,3-Trichloropropane	12.40	75	89569	32.286	ug/l #	100
79) 2-Chlorotoluene	12.59	91	534	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	89569	107.518	ug/l #	15
83) tert-Butylbenzene	12.99	119	59	Below Cal	#	28
87) 1,3-Dichlorobenzene	13.28	146	2692	0.539	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	19359	4.028	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	46375	9.194	ug/l	98
95) Naphthalene	15.13	128	309	3.891	ug/l #	69

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

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QLast Update : Tue Jun 04 11:02:09 2019
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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: VN056072.D

Acq: 7 Jun 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

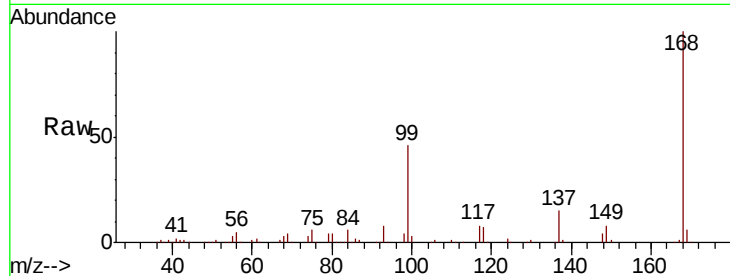
DUP-0530-190604

Tot Ion:168 Resp: 340353

Ion Ratio Lower Upper

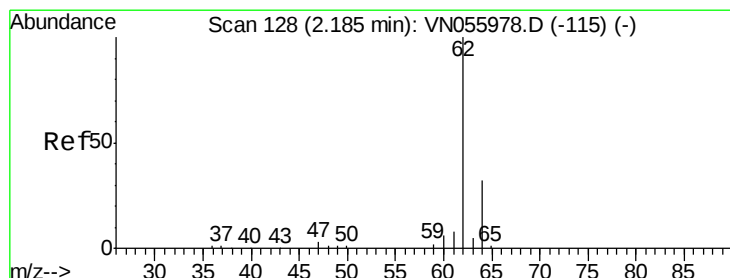
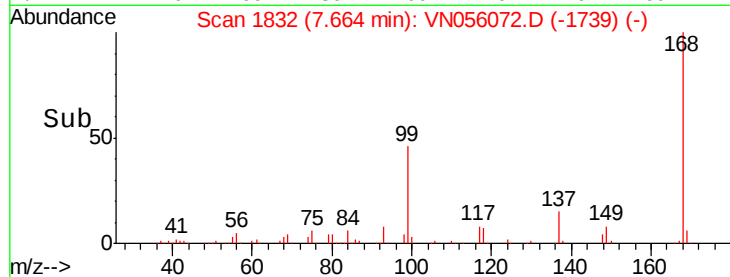
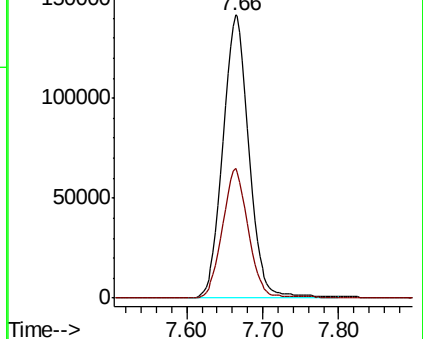
168 100

99 45.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#4

Vinyl Chloride

Concen: 580.479 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056072.D

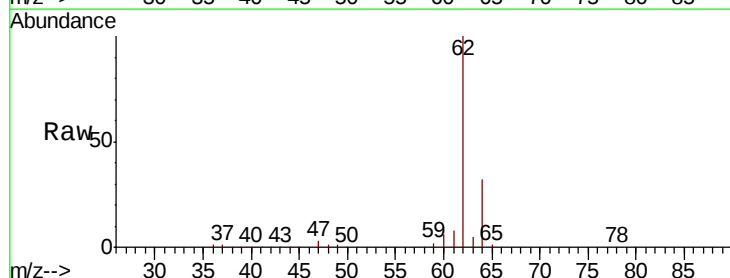
Acq: 7 Jun 2019 3:04

Tgt Ion: 62 Resp: 2148263

Ion Ratio Lower Upper

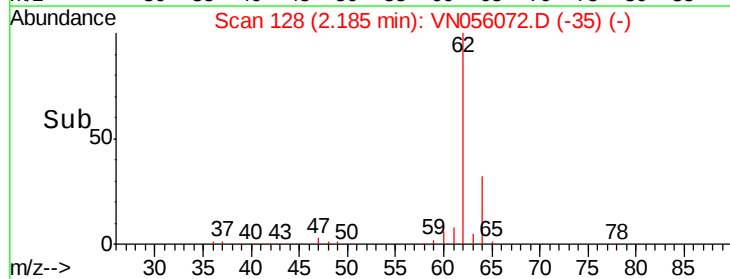
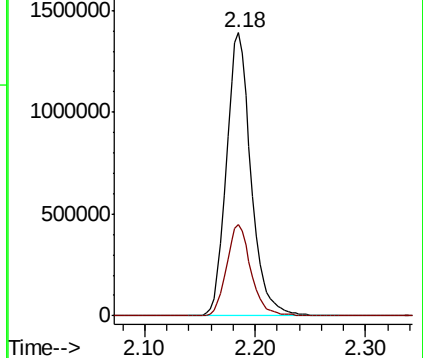
62 100

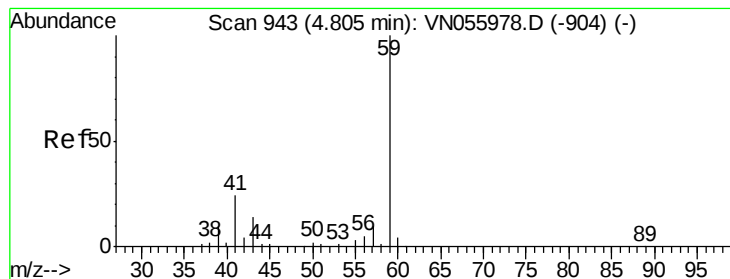
64 32.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



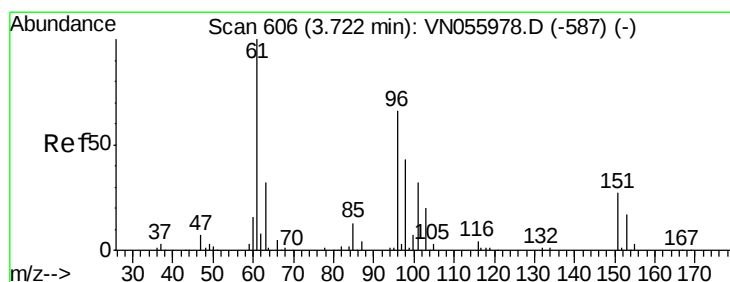
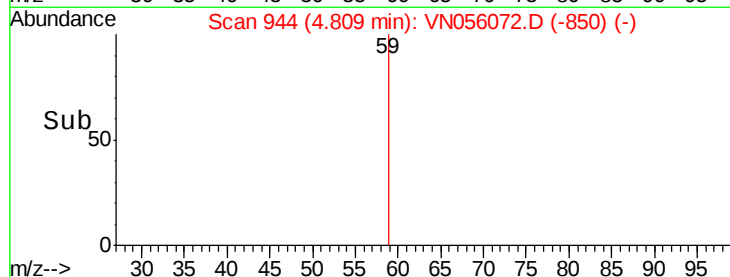
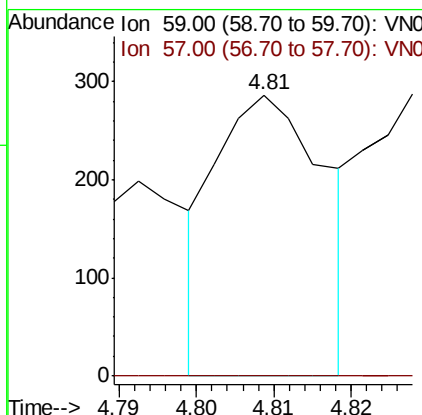
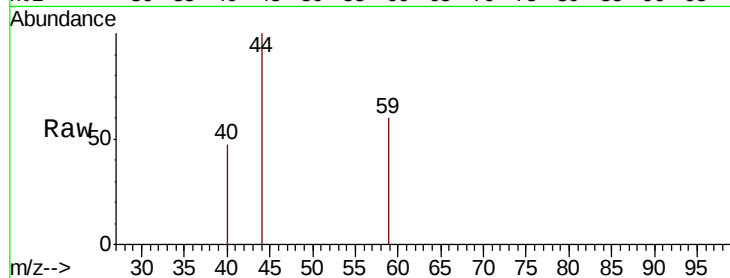


#11

Tert butyl alcohol
Concen: 0.476 ug/l
RT: 4.81 min Scan# 944
Delta R.T. 0.00 min
Lab File: VN056072.D
Acq: 7 Jun 2019 3:04

Instrument :
MSVOA_N
ClientSampleId :
DUP-0530-190604

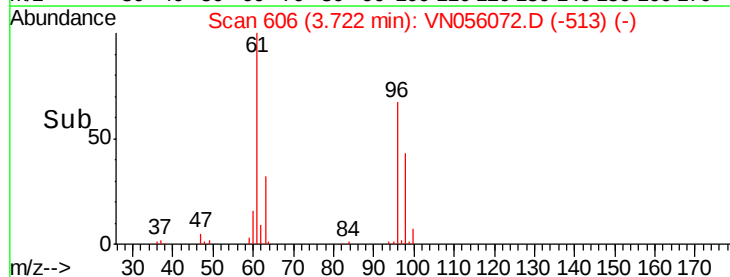
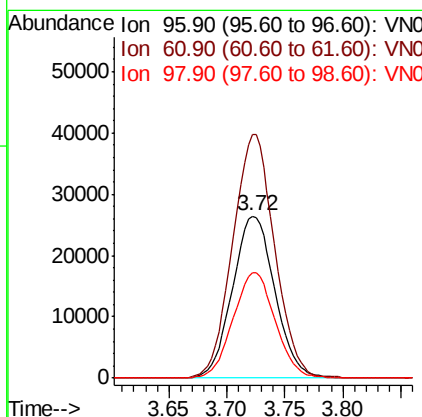
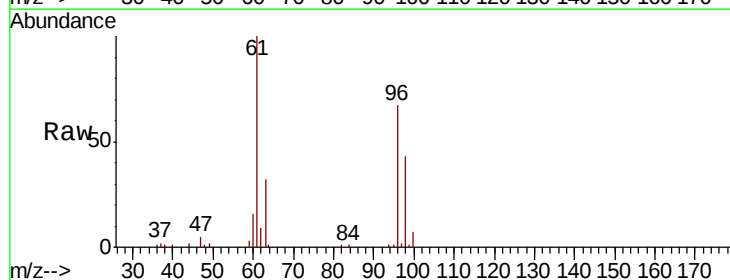
Tot Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12

1,1-Dichloroethene
Concen: 23.462 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.00 min
Lab File: VN056072.D
Acq: 7 Jun 2019 3:04

Tgt Ion: 96 Resp: 67035
Ion Ratio Lower Upper
96 100
61 149.4 123.2 184.8
98 65.2 50.4 75.6





#16

Acetone

Concen: 1.146 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056072.D

Acq: 7 Jun 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

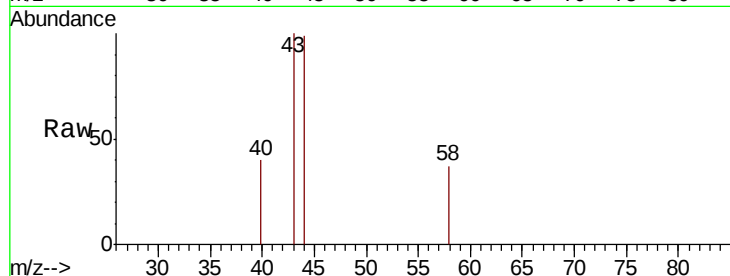
DUP-0530-190604

Tot Ion: 43 Resp: 1853

Ion Ratio Lower Upper

43 100

58 36.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

600

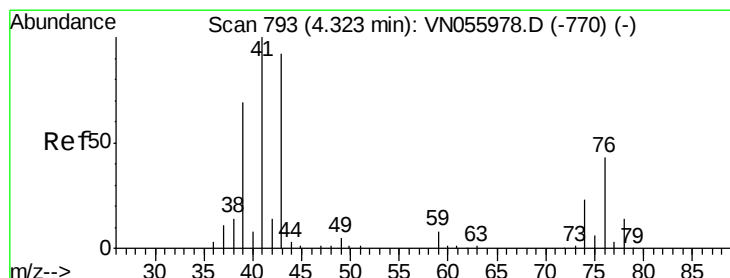
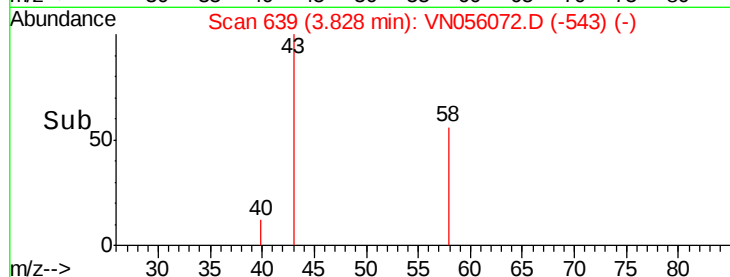
400

200

0

Time-->

3.75 3.80 3.85



#18

Methyl Acetate

Concen: 0.249 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN056072.D

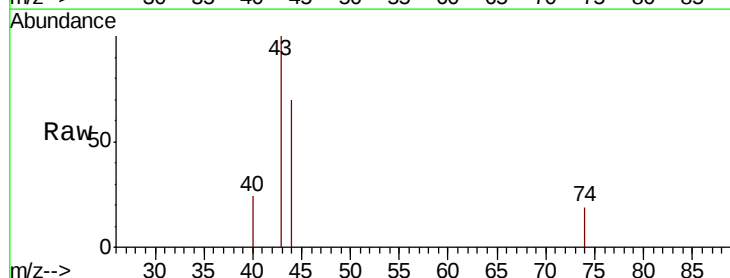
Acq: 7 Jun 2019 3:04

Tgt Ion: 43 Resp: 2616

Ion Ratio Lower Upper

43 100

74 10.3 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.34

1000

800

600

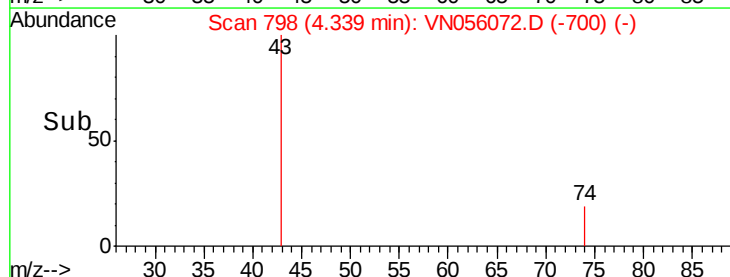
400

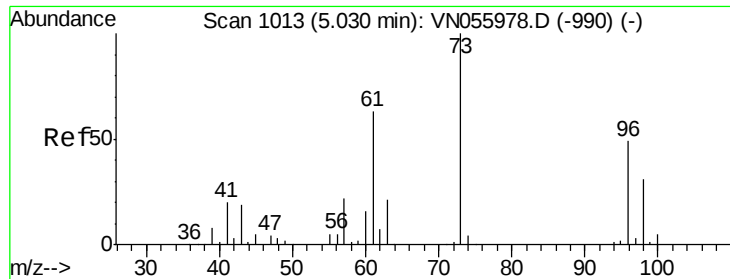
200

0

Time-->

4.25 4.30 4.35 4.40

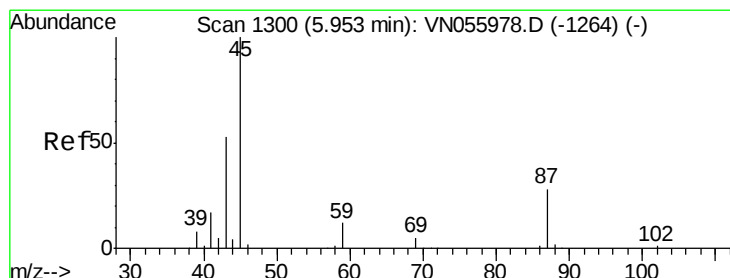
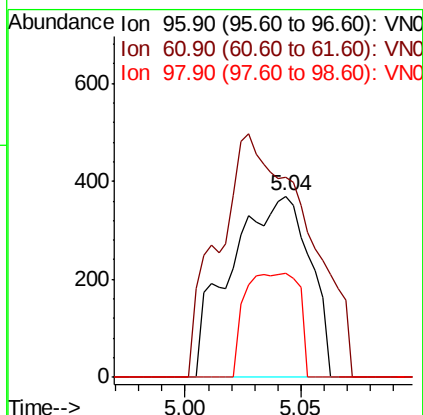
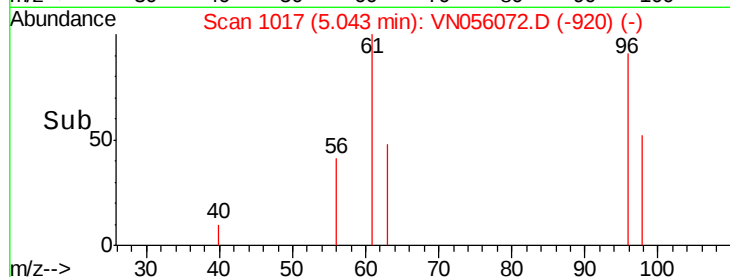
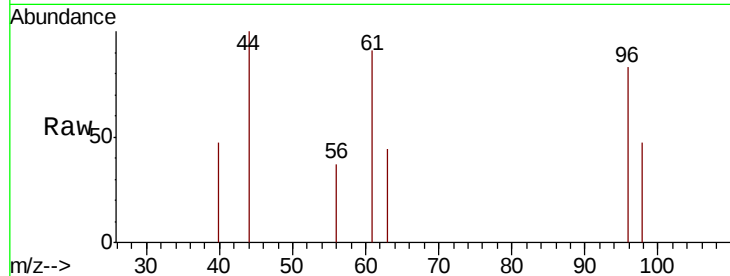




#21
trans-1,2-Dichloroethene
Concen: 0.286 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VN056072.D
Acq: 7 Jun 2019 3:04

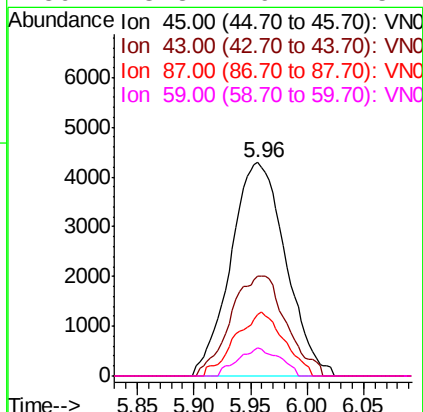
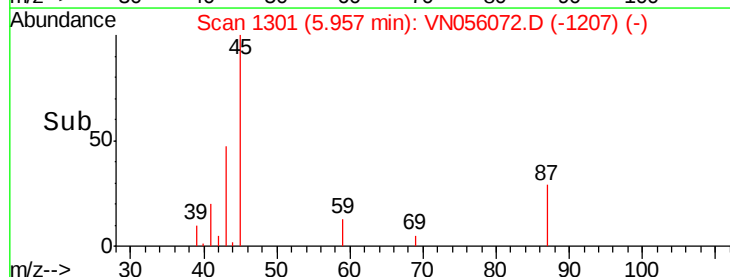
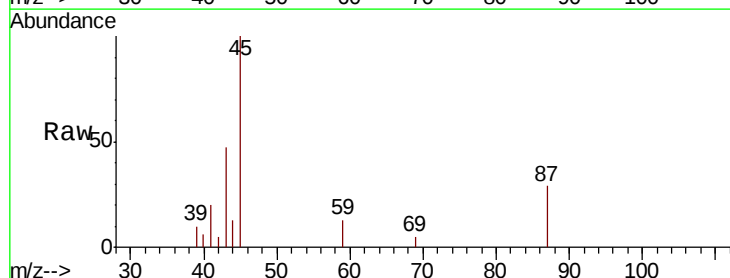
Instrument :
MSVOA_N
ClientSampleId :
DUP-0530-190604

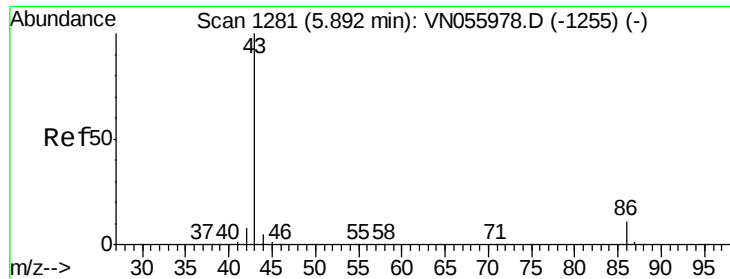
Tot Ion: 96 Resp: 875
Ion Ratio Lower Upper
96 100
61 110.3 107.8 161.8
98 57.3 49.8 74.8



#22
Diisopropyl ether
Concen: 1.553 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056072.D
Acq: 7 Jun 2019 3:04

Tgt Ion: 45 Resp: 14481
Ion Ratio Lower Upper
45 100
43 46.6 45.0 67.6
87 28.9 22.2 33.4
59 13.3 9.1 13.7





#23

Vinyl Acetate

Concen: 0.935 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.07 min

Lab File: VN056072.D

Acq: 7 Jun 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

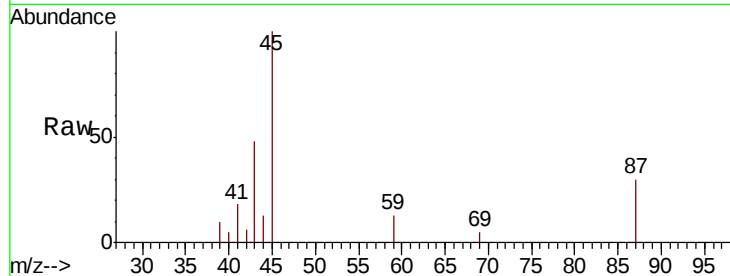
DUP-0530-190604

Tot Ion: 43 Resp: 6866

Ion Ratio Lower Upper

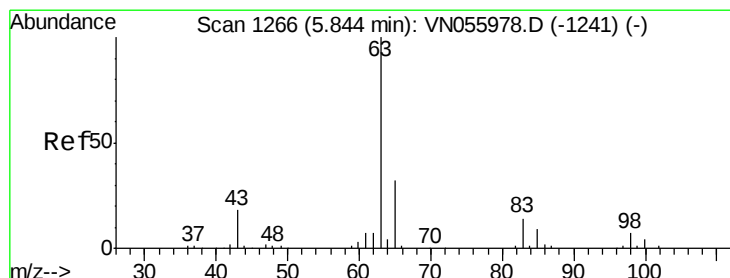
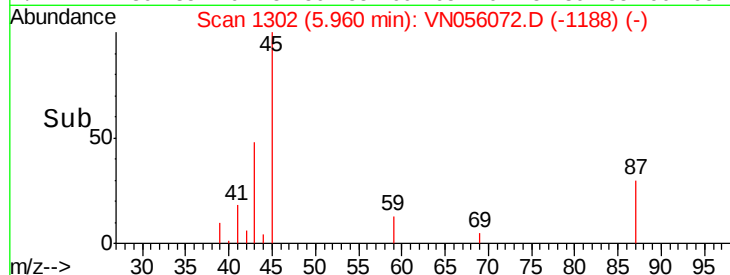
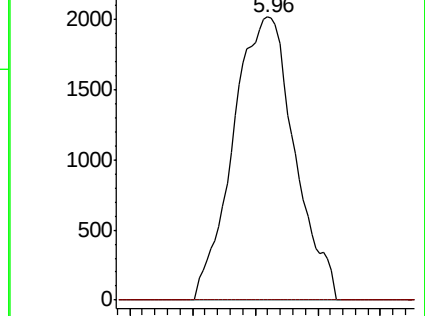
43 100

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



#24

1,1-Dichloroethane

Concen: 0.215 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VN056072.D

Acq: 7 Jun 2019 3:04

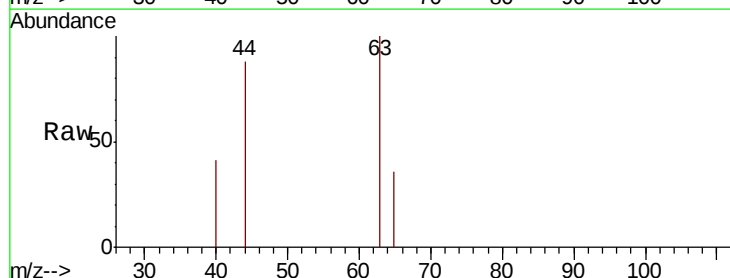
Tgt Ion: 63 Resp: 1156

Ion Ratio Lower Upper

63 100

98 0.0 3.4 10.1#

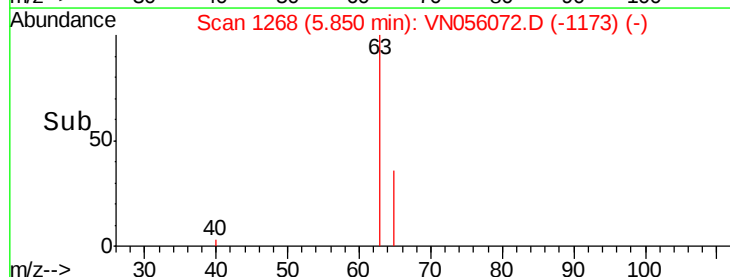
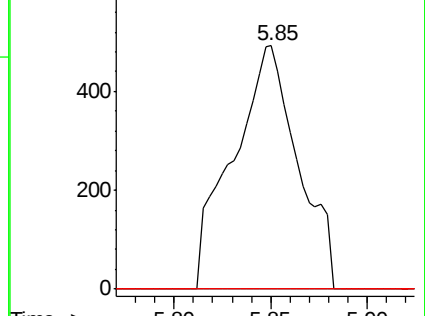
100 0.0 2.2 6.6#

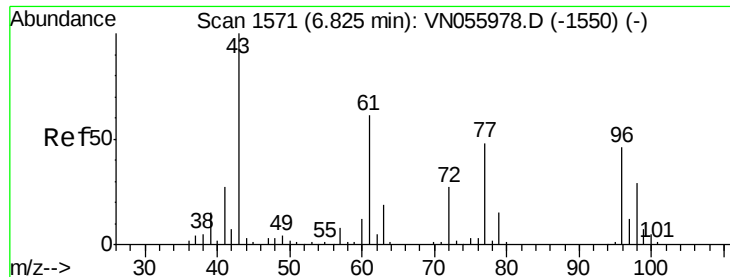


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 54.669 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056072.D

Acq: 7 Jun 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

DUP-0530-190604

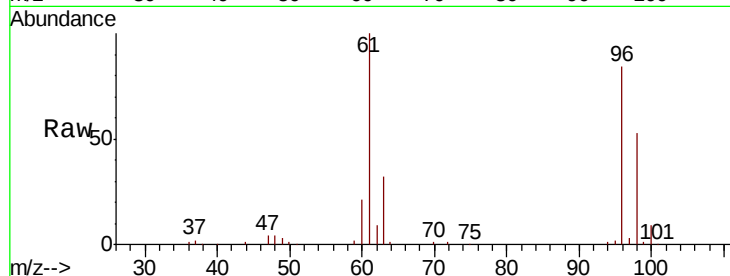
Tot Ion: 96 Resp: 196732

Ion Ratio Lower Upper

96 100

61 119.7 0.0 275.8

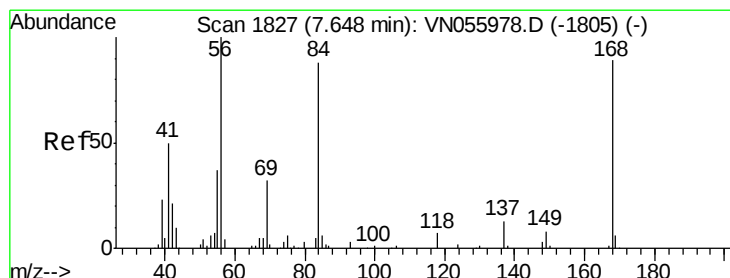
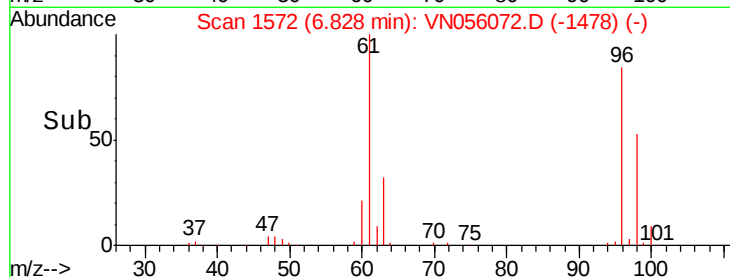
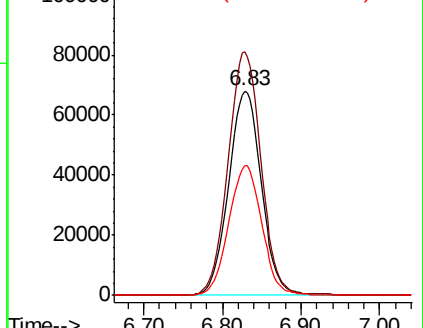
98 64.0 0.0 128.4



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: 4.502 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056072.D

Acq: 7 Jun 2019 3:04

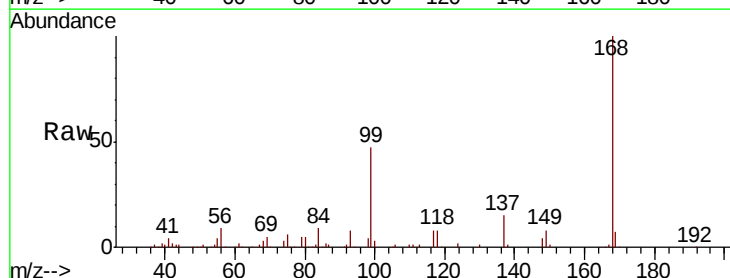
Tgt Ion: 56 Resp: 24139

Ion Ratio Lower Upper

56 100

69 56.4 25.6 38.4#

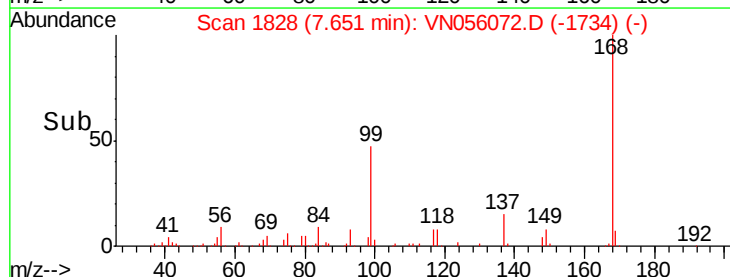
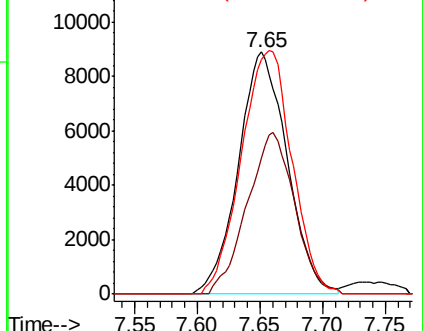
84 96.9 67.4 101.0

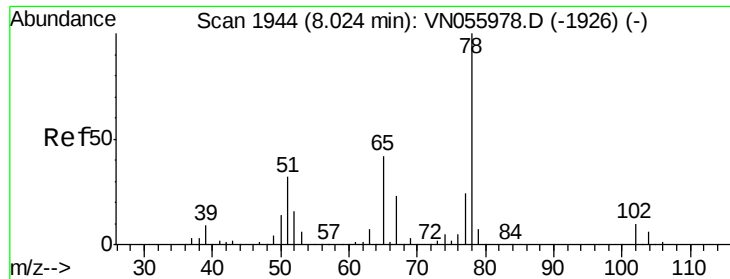


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

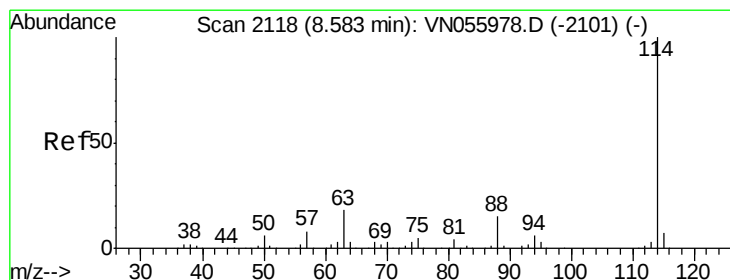
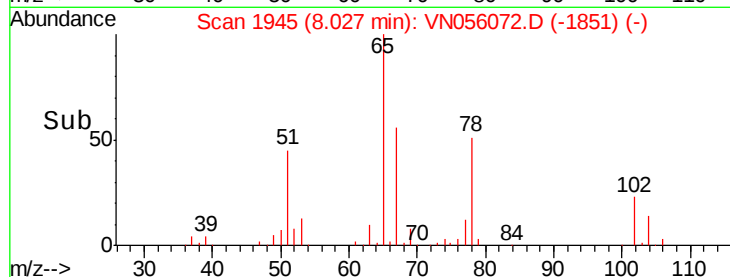
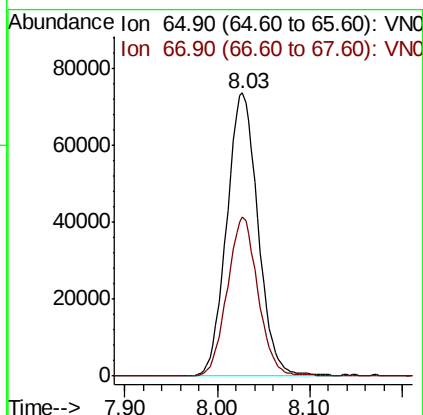
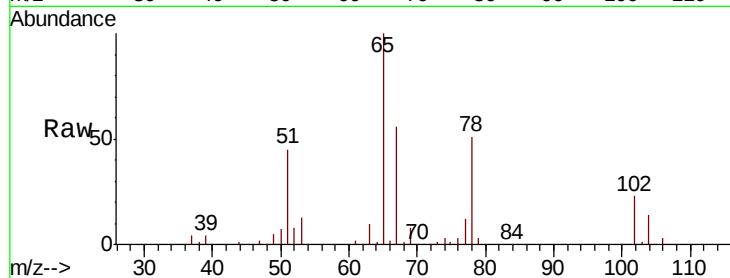




#33
 1,2-Dichloroethane-d4
 Concen: 51.027 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056072.D
 Acq: 7 Jun 2019 3:04

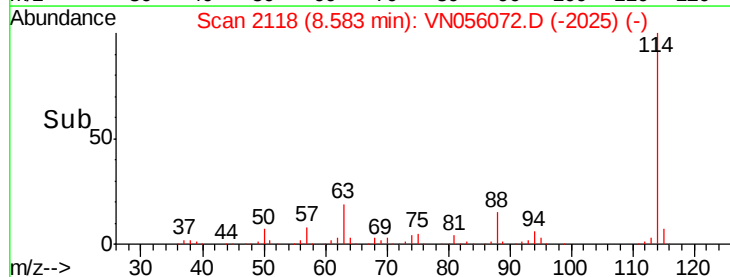
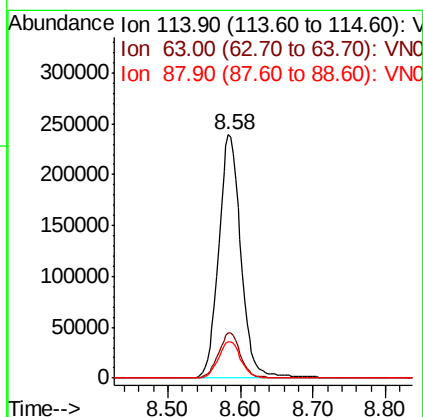
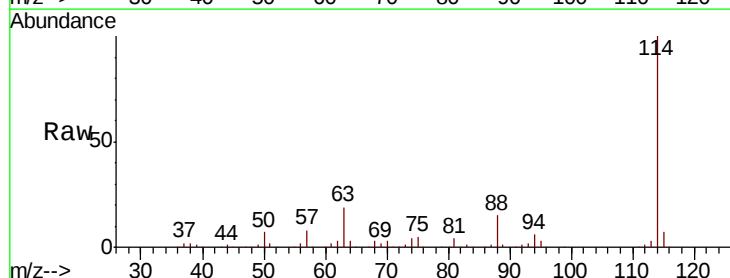
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0530-190604

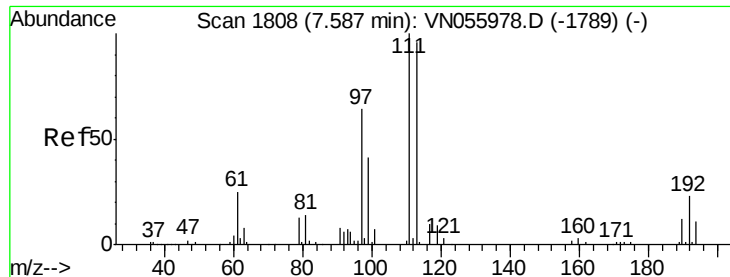
Tot Ion: 65 Resp: 172443
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056072.D
 Acq: 7 Jun 2019 3:04

Tgt Ion: 114 Resp: 508235
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.1 0.0 31.0

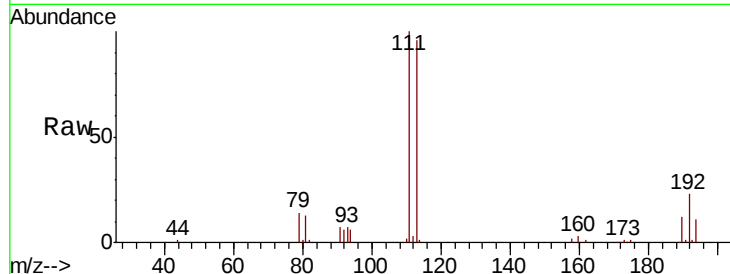




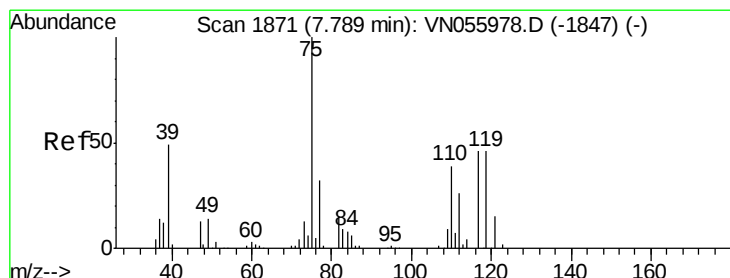
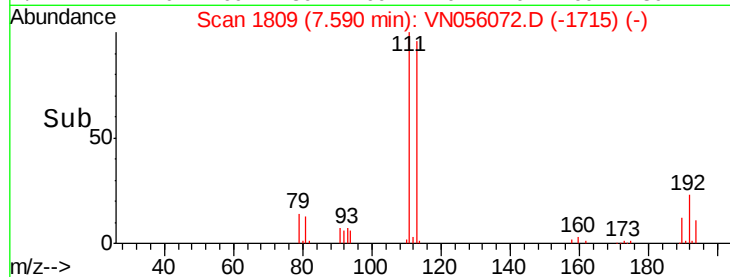
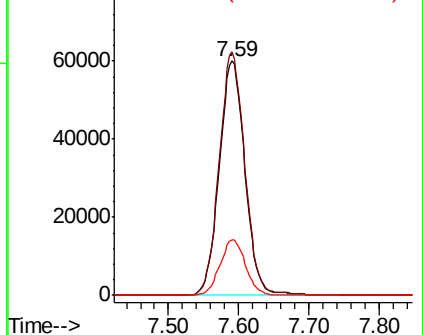
#35
 Dibromofluoromethane
 Concen: 49.008 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056072.D
 Acq: 7 Jun 2019 3:04

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0530-190604

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	23.6	19.5	29.3

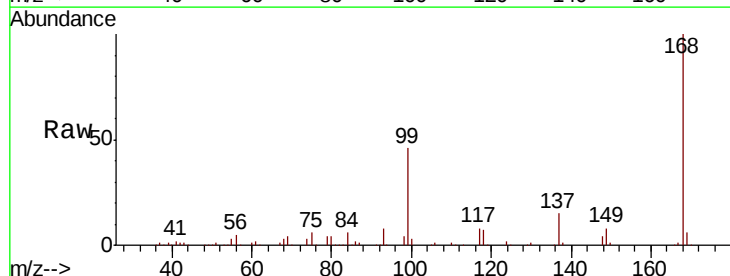


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

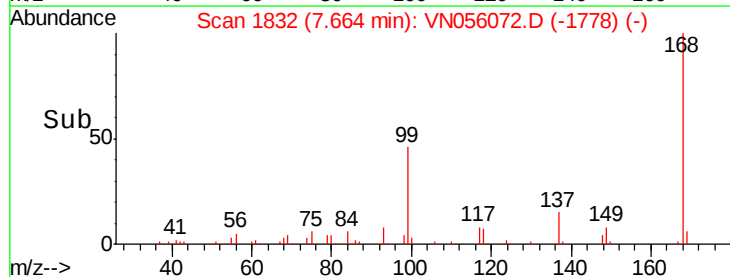
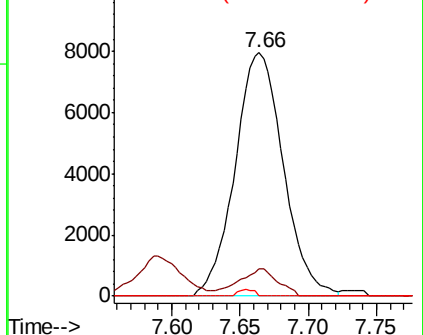


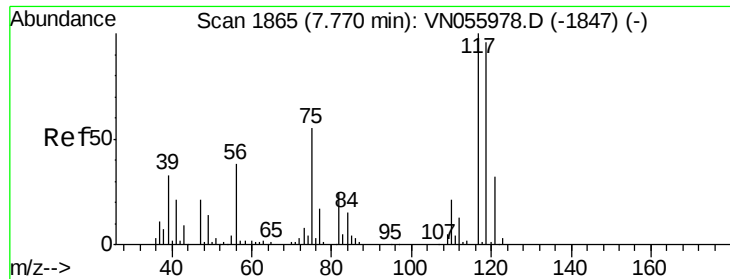
#36
 1,1-Dichloropropene
 Concen: 4.472 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056072.D
 Acq: 7 Jun 2019 3:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.0	57.0#
77	0.0	25.1	37.7#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 6.848 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056072.D

Acq: 7 Jun 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

DUP-0530-190604

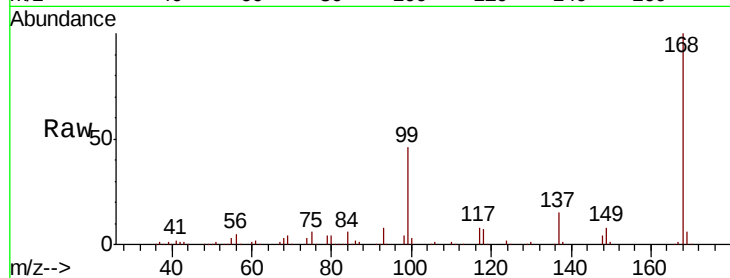
Tot Ion:117 Resp: 27591

Ion Ratio Lower Upper

117 100

119 5.7 79.0 118.6#

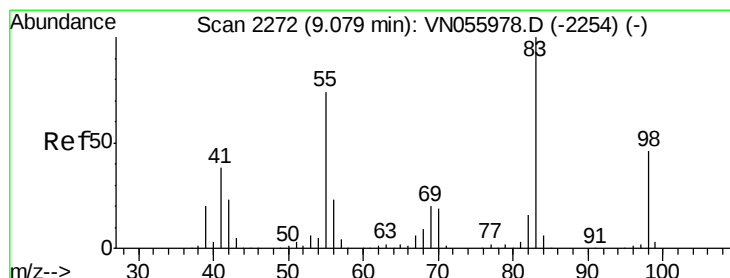
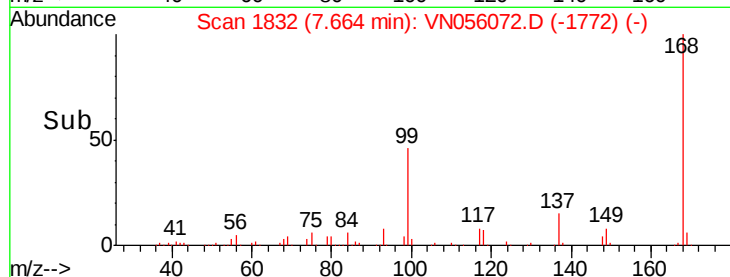
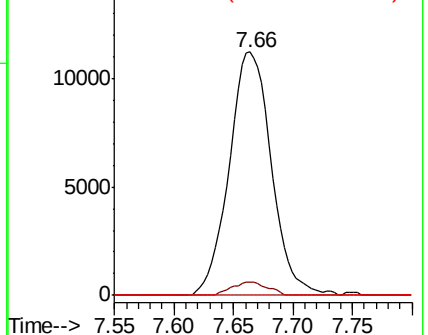
121 0.0 24.7 37.1#



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



#39

Methylcyclohexane

Concen: 4.602 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN056072.D

Acq: 7 Jun 2019 3:04

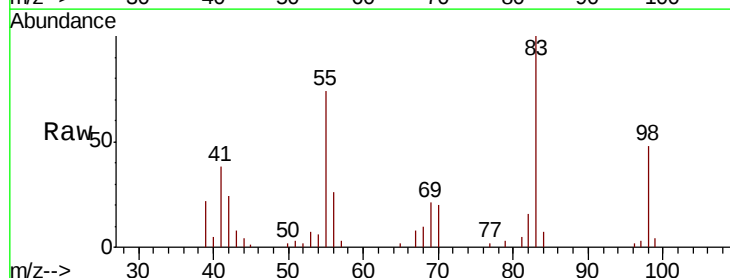
Tgt Ion: 83 Resp: 25055

Ion Ratio Lower Upper

83 100

55 74.5 59.3 88.9

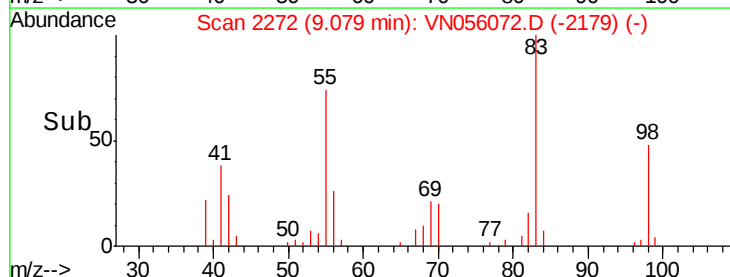
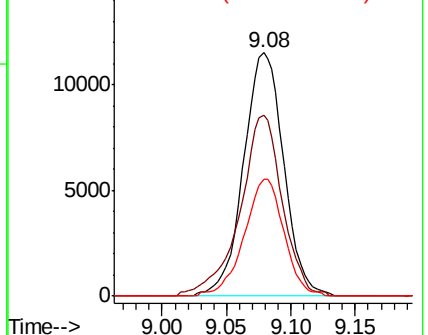
98 48.0 36.6 54.8

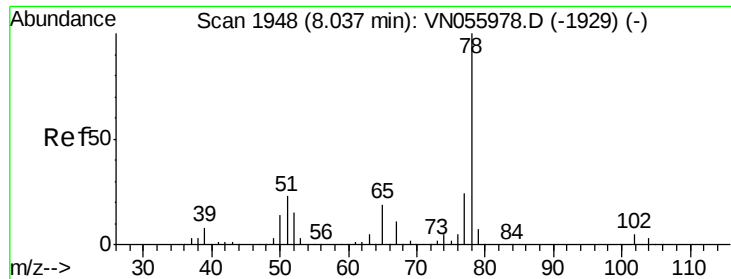


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 9.578 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056072.D

Acq: 7 Jun 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

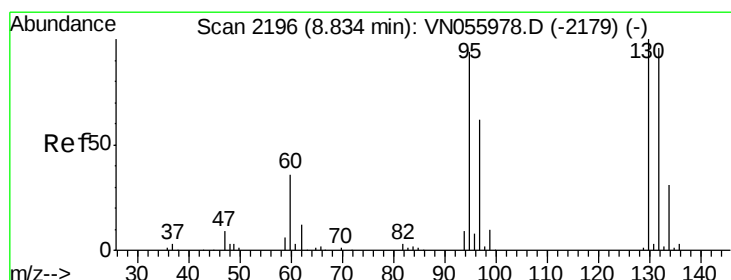
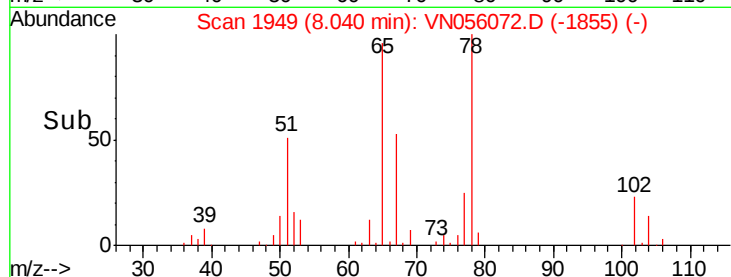
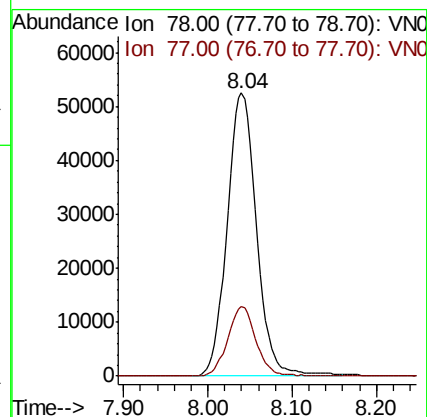
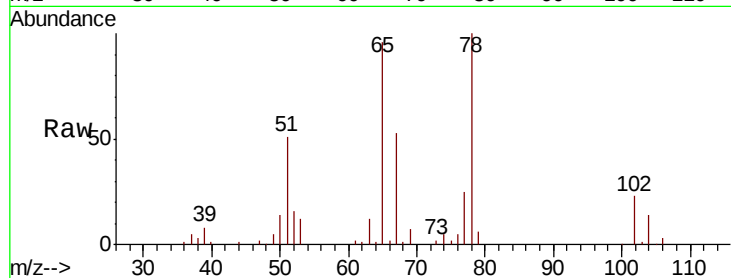
DUP-0530-190604

Tot Ion: 78 Resp: 127125

Ion Ratio Lower Upper

78 100

77 24.6 18.8 28.2



#44

Trichloroethene

Concen: 18.471 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056072.D

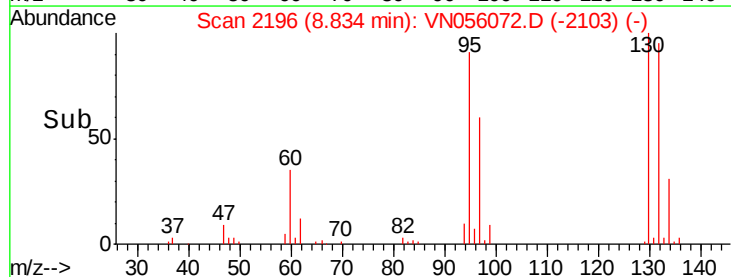
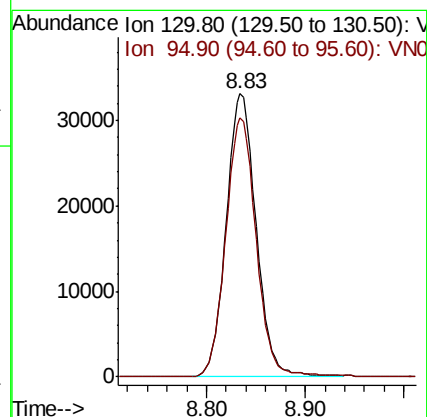
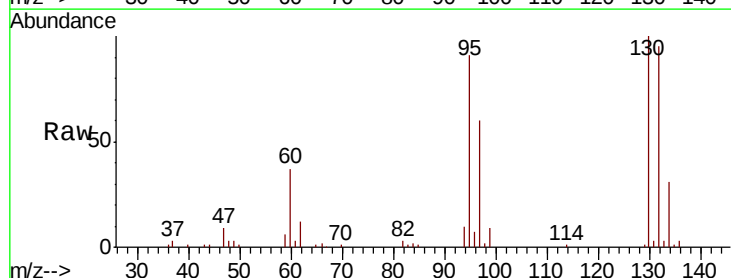
Acq: 7 Jun 2019 3:04

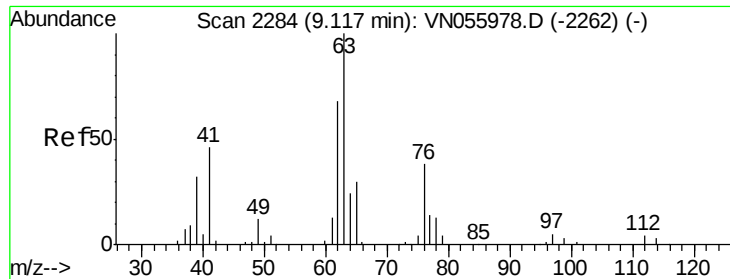
Tgt Ion: 130 Resp: 70449

Ion Ratio Lower Upper

130 100

95 91.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 0.581 ug/l

RT: 9.12 min Scan# 2286

Delta R.T. 0.01 min

Lab File: VN056072.D

Acq: 7 Jun 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

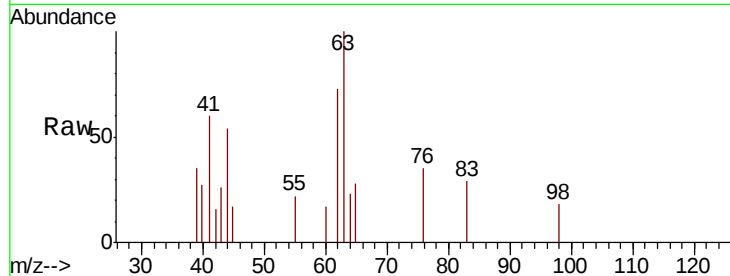
DUP-0530-190604

Tot Ion: 63 Resp: 1975

Ion Ratio Lower Upper

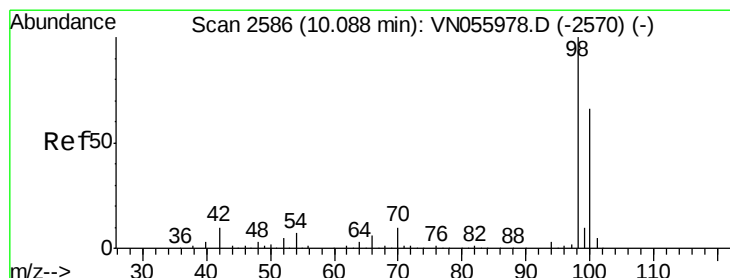
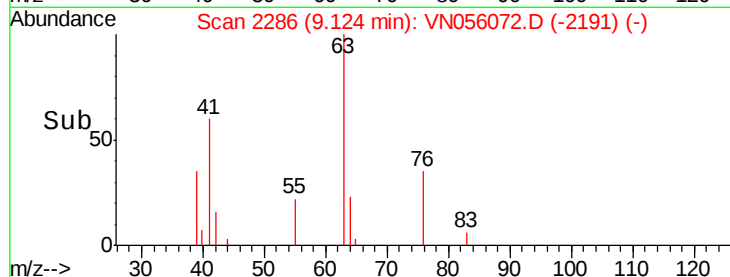
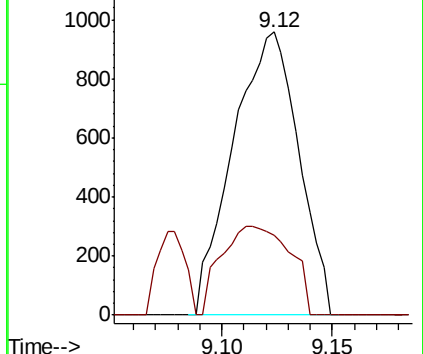
63 100

65 28.1 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#50

Toluene-d8

Concen: 52.548 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056072.D

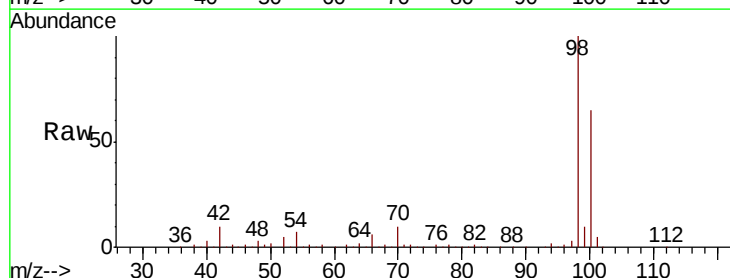
Acq: 7 Jun 2019 3:04

Tgt Ion: 98 Resp: 630511

Ion Ratio Lower Upper

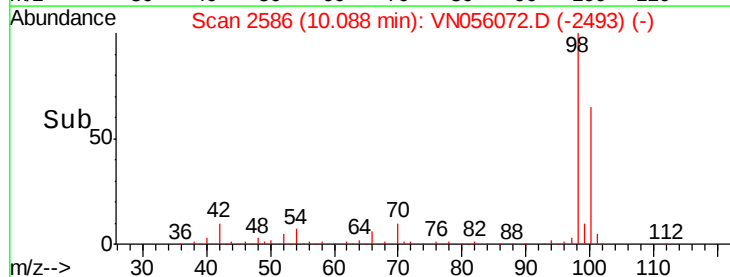
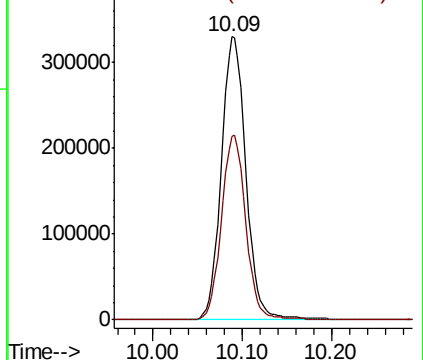
98 100

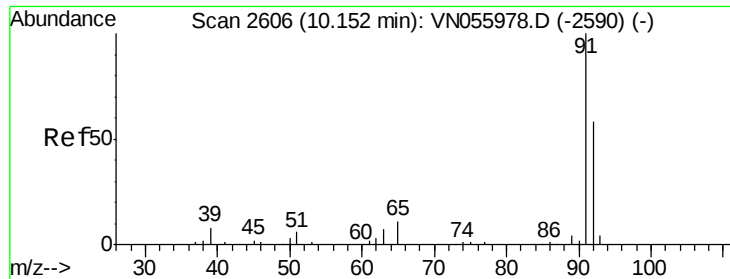
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 0.415 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056072.D

Acq: 7 Jun 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

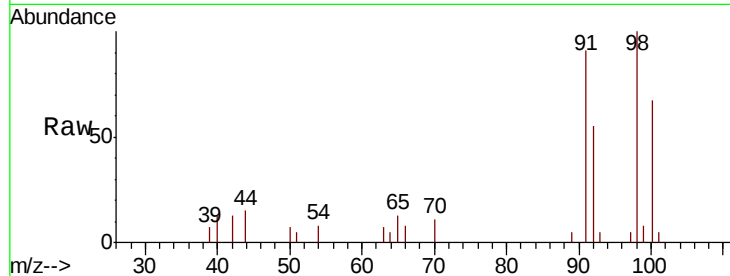
DUP-0530-190604

Tot Ion: 92 Resp: 3425

Ion Ratio Lower Upper

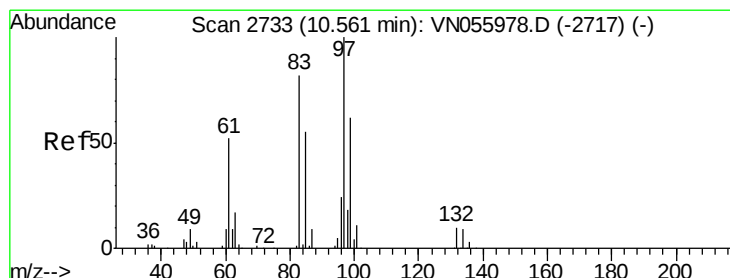
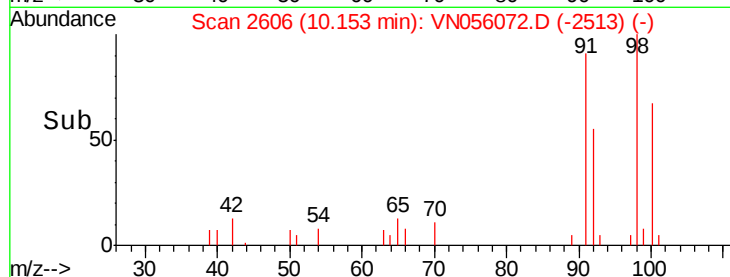
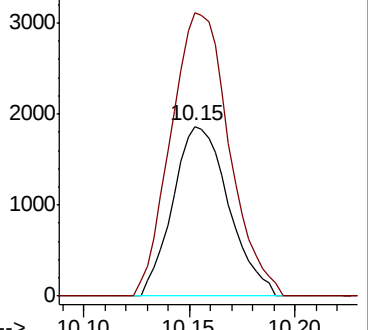
92 100

91 174.8 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055978.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)



#55

1,1,2-Trichloroethane

Concen: 0.282 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN056072.D

Acq: 7 Jun 2019 3:04

Tgt Ion: 97 Resp: 921

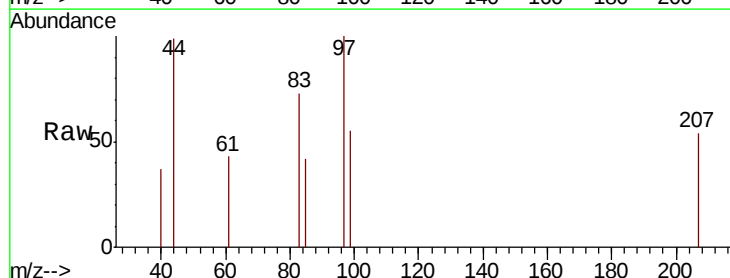
Ion Ratio Lower Upper

97 100

83 73.1 67.0 100.6

85 42.4 44.0 66.0#

99 54.5 50.6 75.8

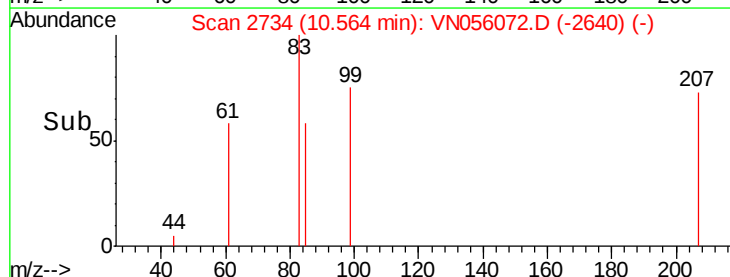
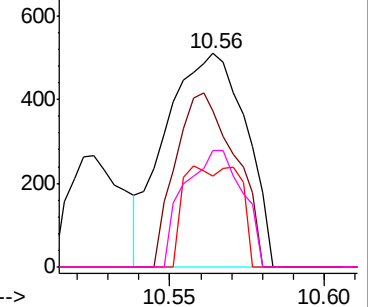


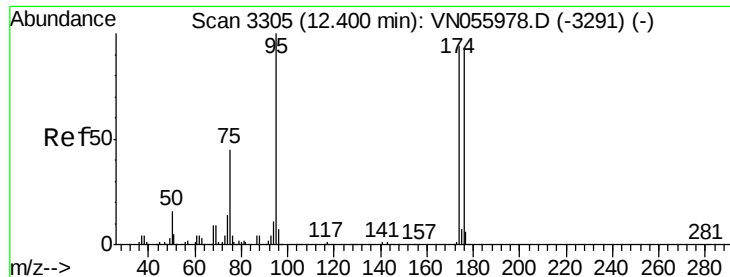
Abundance Ion 96.90 (96.60 to 97.60): VN055978.D (-2717) (-)

Ion 82.90 (82.60 to 83.60): VN055978.D (-2717) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-2717) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-2717) (-)





#62

4-Bromofluorobenzene

Concen: 48.149 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056072.D

Acq: 7 Jun 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

DUP-0530-190604

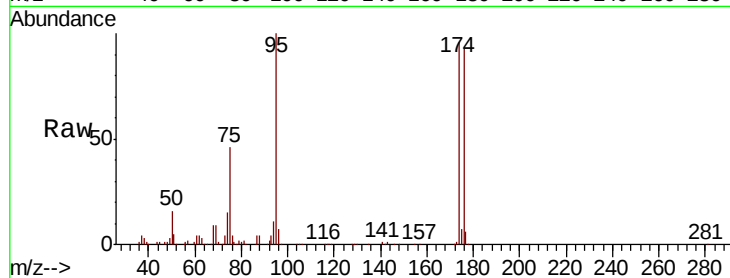
Tot Ion: 95 Resp: 196474

Ion Ratio Lower Upper

95 100

174 95.8 0.0 191.0

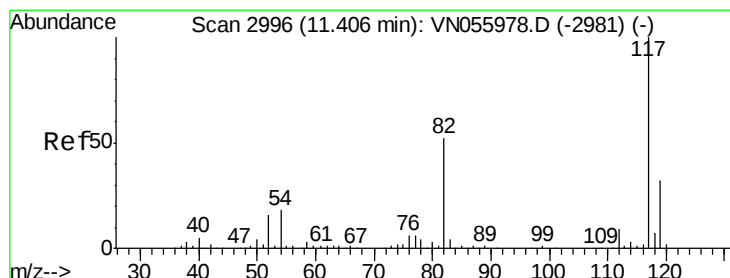
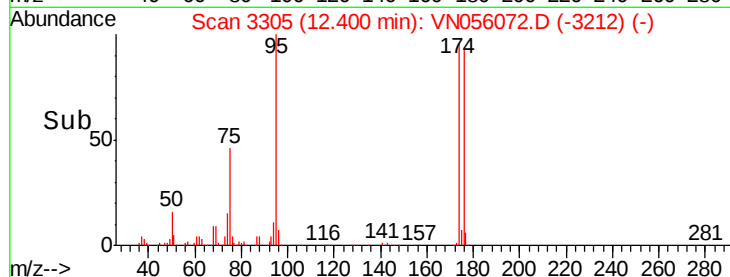
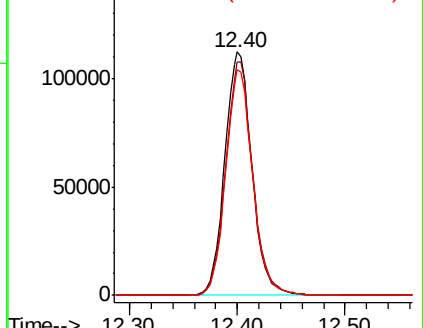
176 92.1 0.0 185.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056072.D

Acq: 7 Jun 2019 3:04

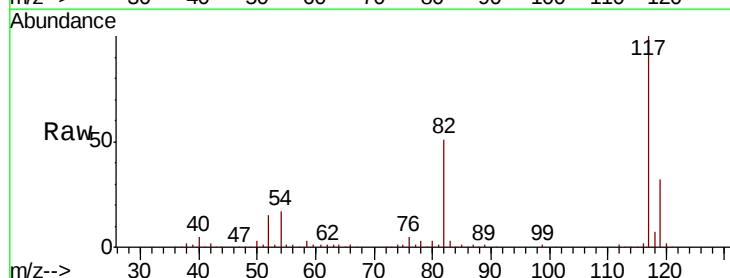
Tgt Ion: 117 Resp: 478126

Ion Ratio Lower Upper

117 100

82 50.9 41.8 62.8

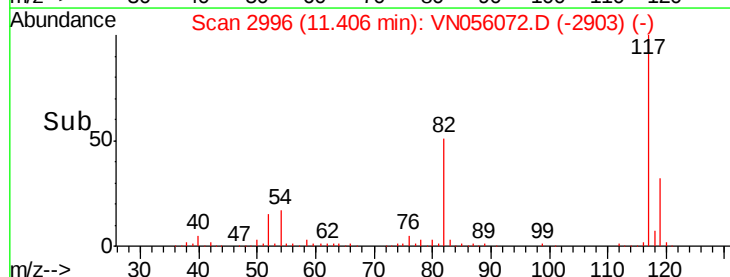
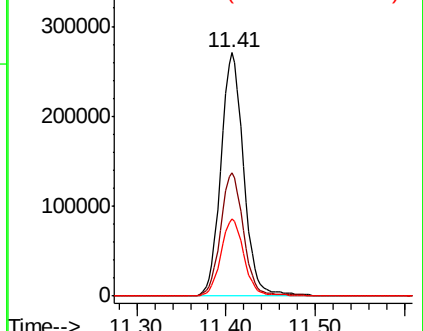
119 31.9 25.4 38.0

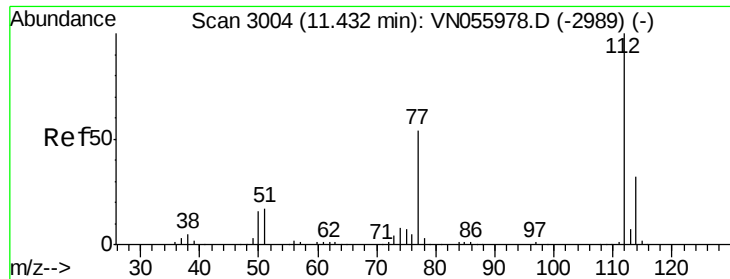


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

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

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

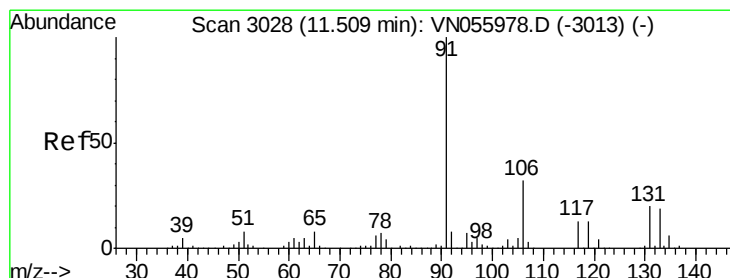
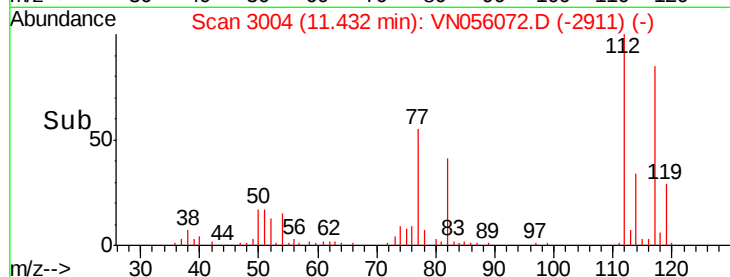
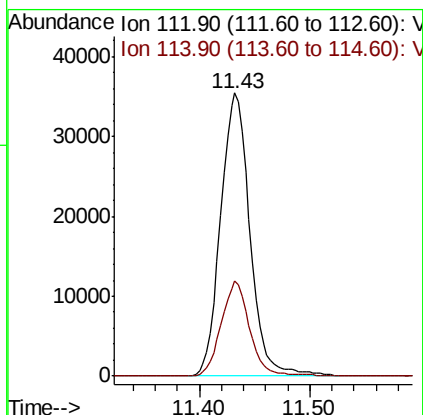
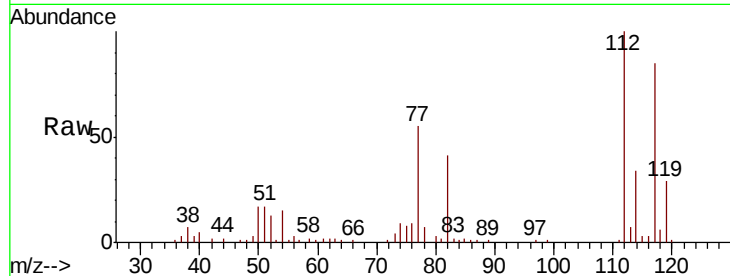




#65
Chlorobenzene
Concen: 6.879 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056072.D
Acq: 7 Jun 2019 3:04

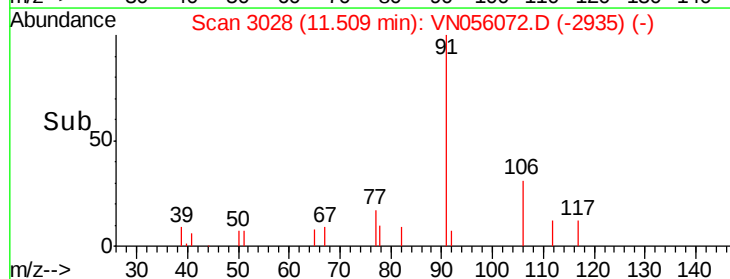
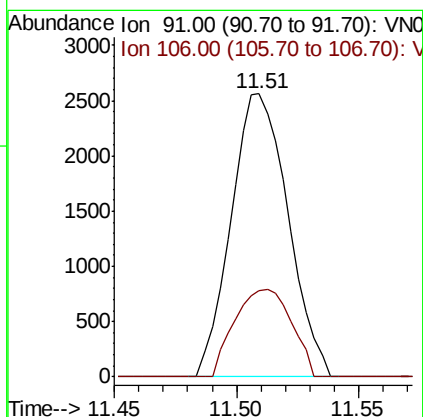
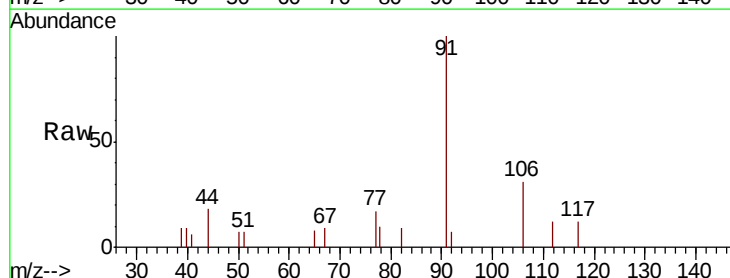
Instrument :
MSVOA_N
ClientSampleId :
DUP-0530-190604

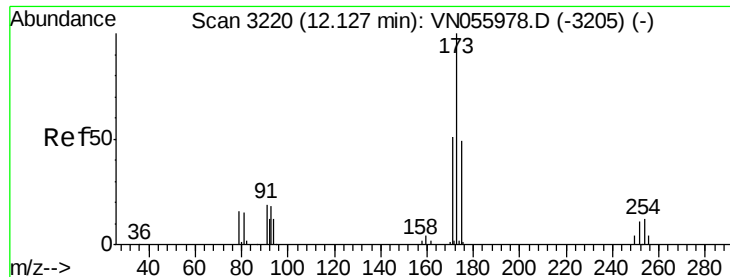
Tot Ion:112 Resp: 65457
Ion Ratio Lower Upper
112 100
114 33.5 26.2 39.4



#67
Ethyl Benzene
Concen: 0.250 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056072.D
Acq: 7 Jun 2019 3:04

Tgt Ion: 91 Resp: 4143
Ion Ratio Lower Upper
91 100
106 30.6 25.1 37.7





#71

Bromoform

Concen: 3.220 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN056072.D

Acq: 7 Jun 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

DUP-0530-190604

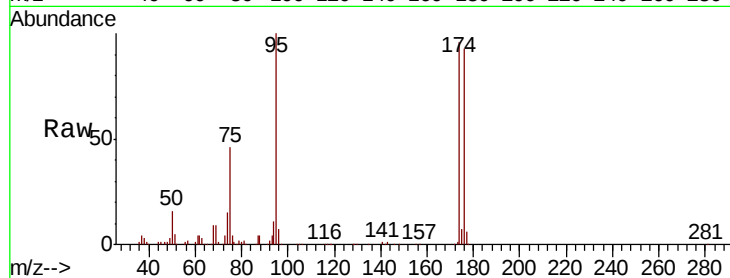
Tot Ion:173 Resp: 1396

Ion Ratio Lower Upper

173 100

175 854.5 24.3 72.8#

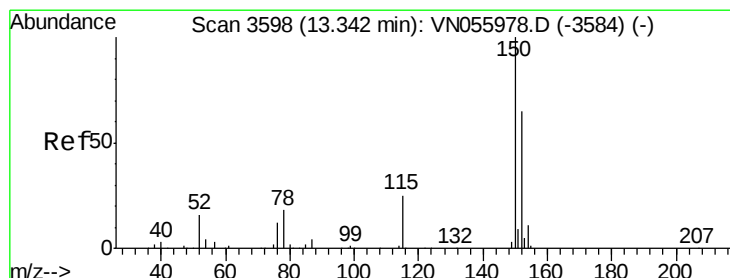
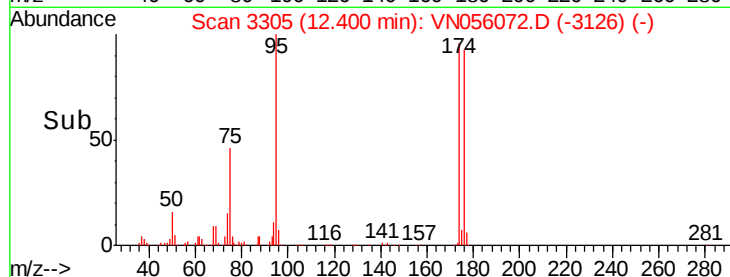
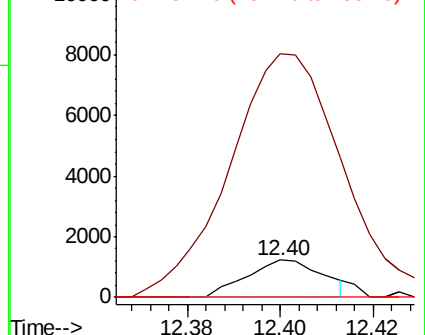
254 0.0 0.0 0.0



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: VN056072.D

Acq: 7 Jun 2019 3:04

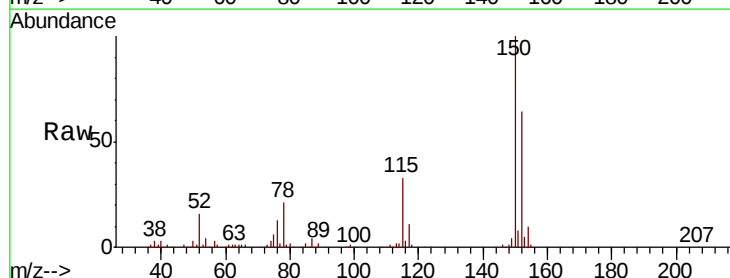
Tgt Ion:152 Resp: 150771

Ion Ratio Lower Upper

152 100

115 53.3 27.0 81.0

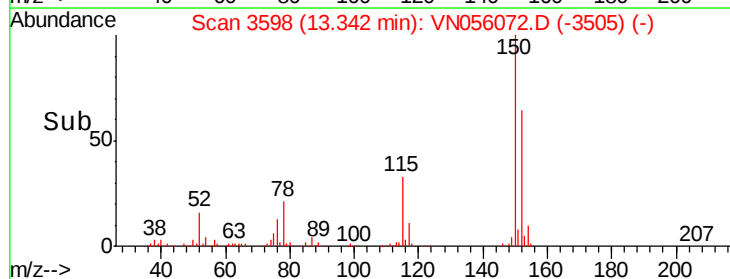
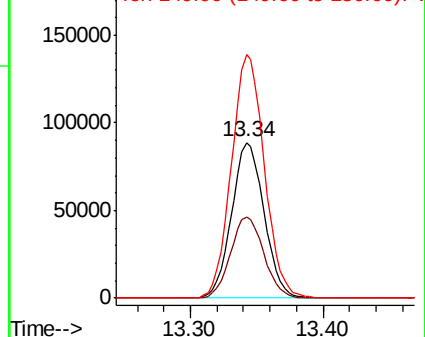
150 158.8 0.0 343.2

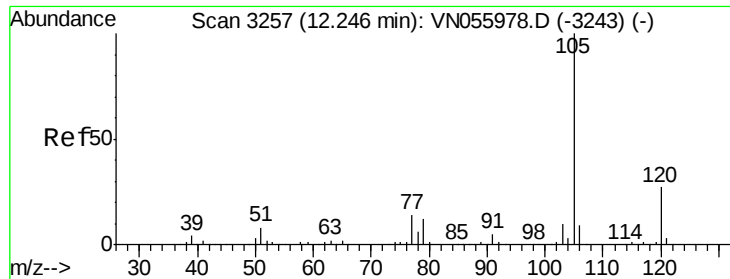


Abundance Ion 151.90 (151.60 to 152.60): V

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: VN056072.D

Acq: 7 Jun 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

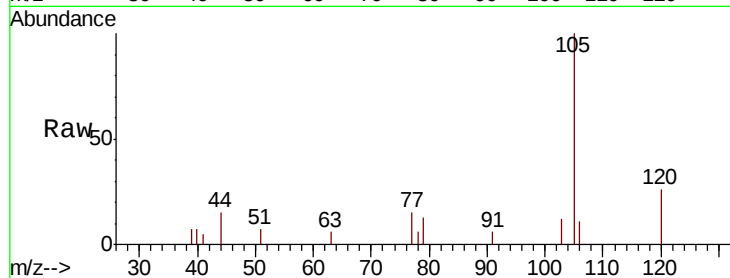
DUP-0530-190604

Tot Ion: 105 Resp: 5329

Ion Ratio Lower Upper

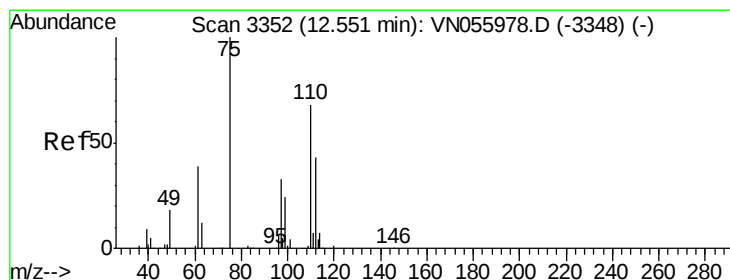
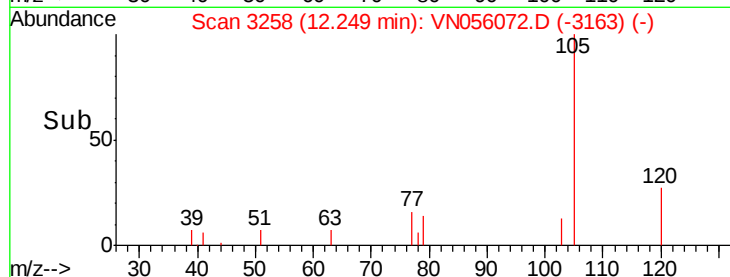
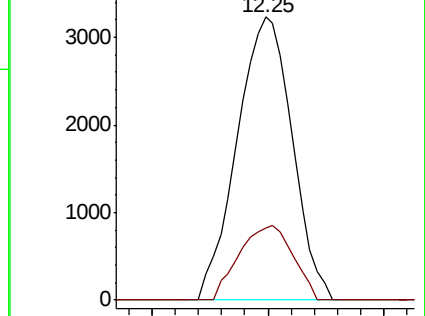
105 100

120 25.7 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: 32.286 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056072.D

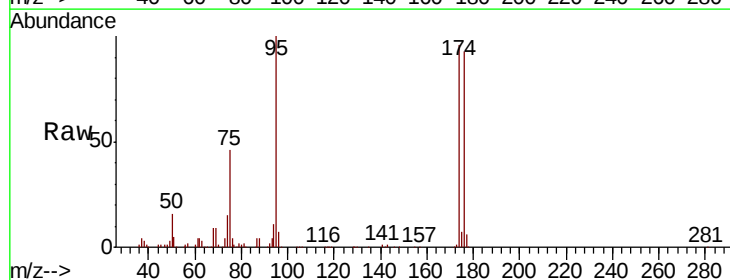
Acq: 7 Jun 2019 3:04

Tgt Ion: 75 Resp: 89569

Ion Ratio Lower Upper

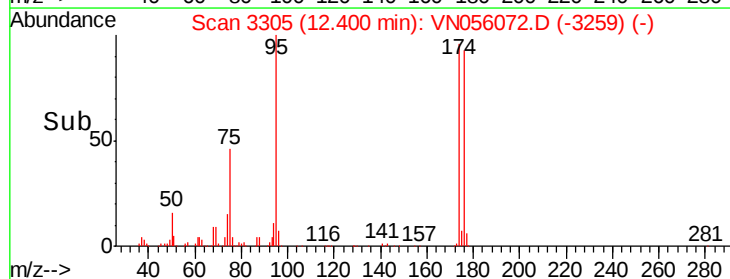
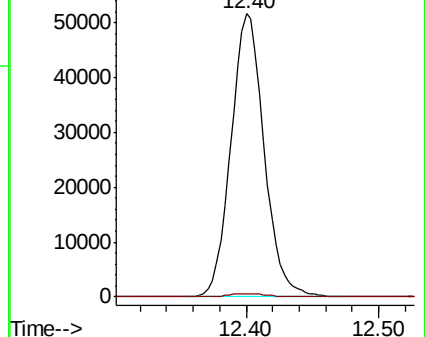
75 100

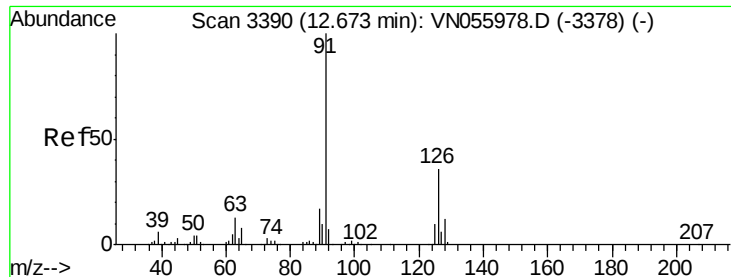
77 1.2 0.0 0.0#



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: VN056072.D

Acq: 7 Jun 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

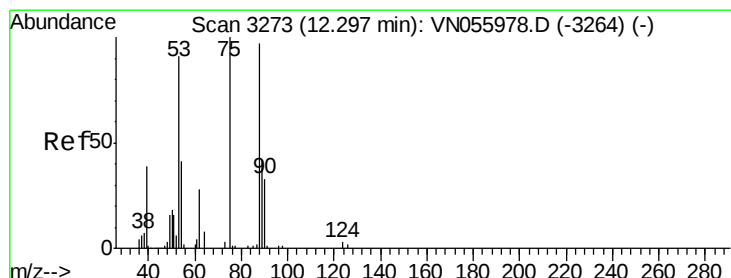
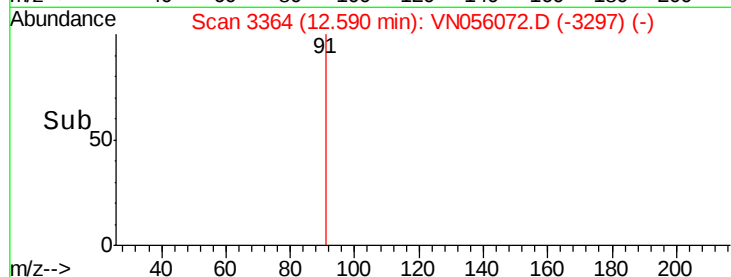
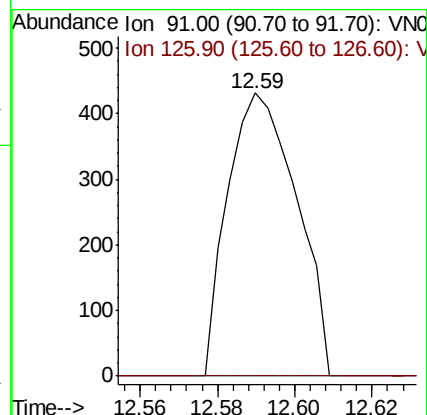
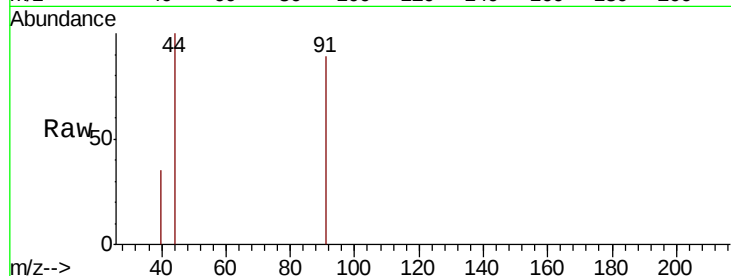
DUP-0530-190604

Tot Ion: 91 Resp: 534

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 107.518 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056072.D

Acq: 7 Jun 2019 3:04

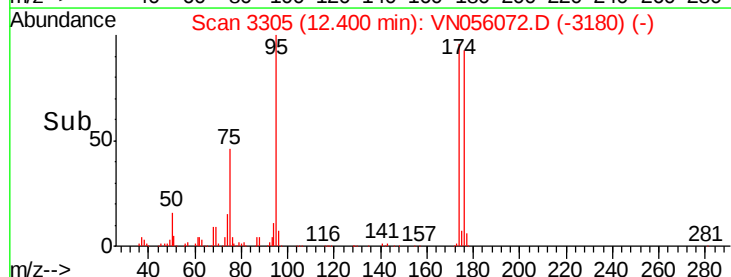
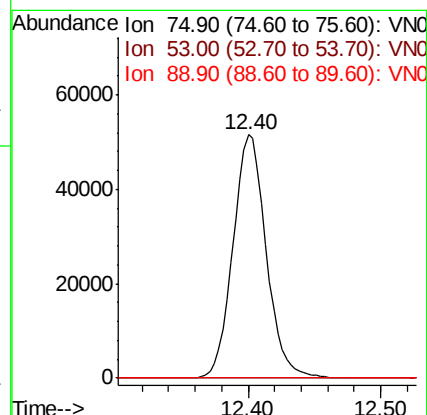
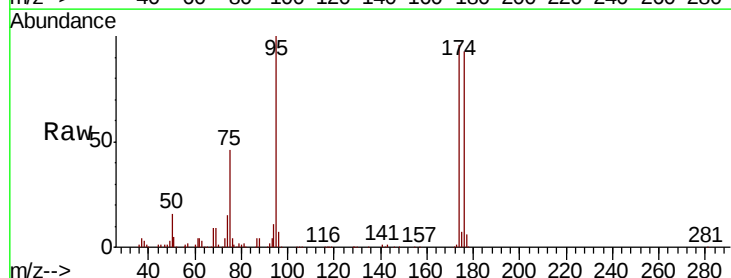
Tgt Ion: 75 Resp: 89569

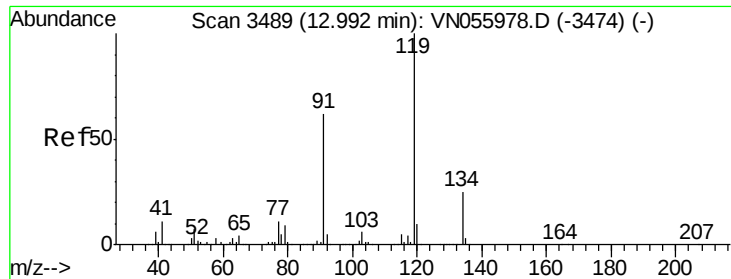
Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#

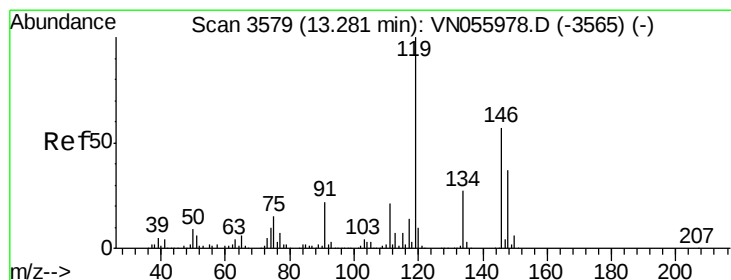
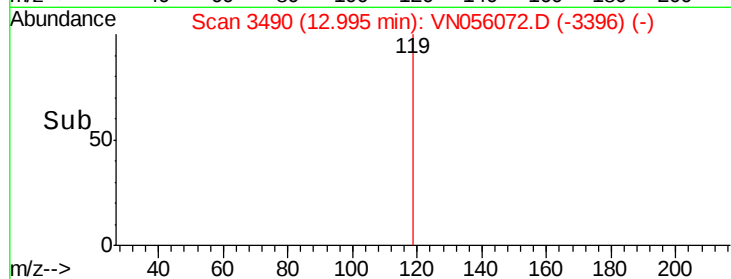
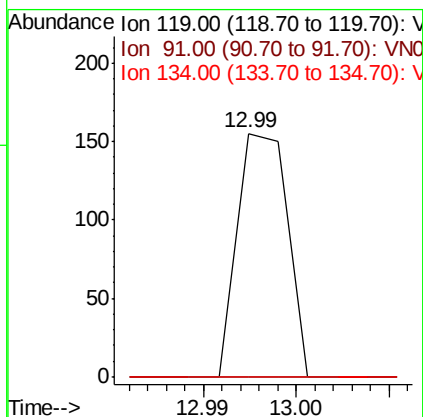
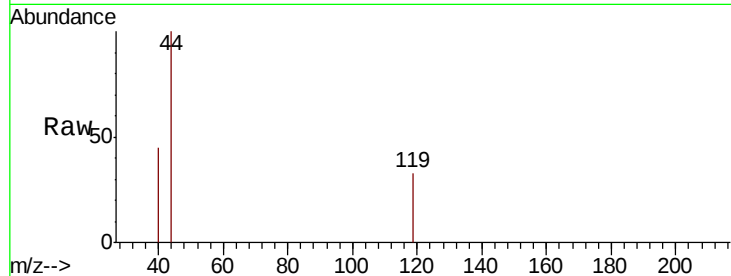




#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN056072.D
Acq: 7 Jun 2019 3:04

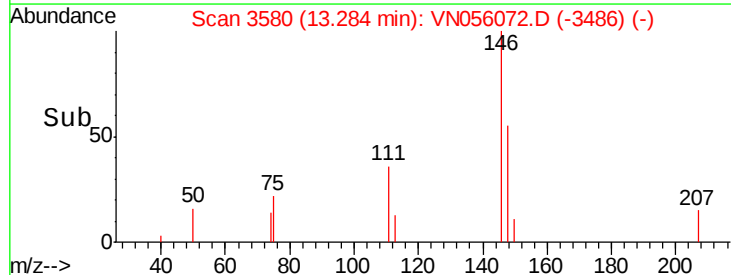
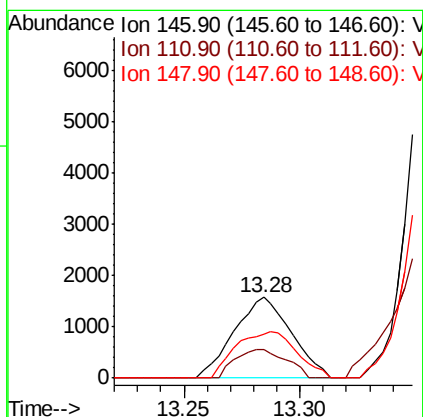
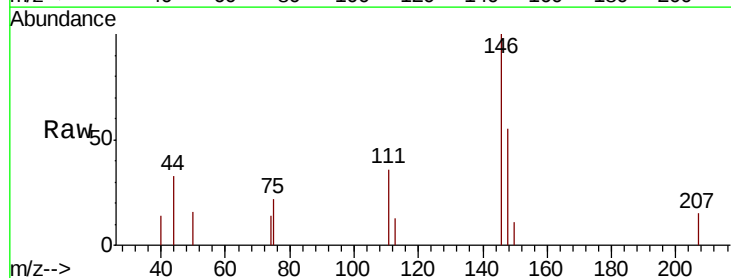
Instrument :
MSVOA_N
ClientSampleId :
DUP-0530-190604

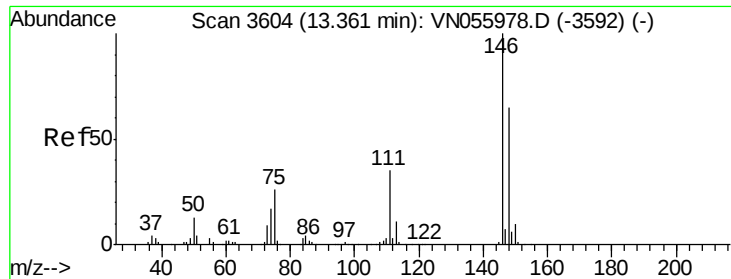
Tot Ion:119 Resp: 59
Ion Ratio Lower Upper
119 100
91 0.0 30.9 92.8#
134 0.0 13.3 39.8#



#87
1,3-Dichlorobenzene
Concen: 0.539 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN056072.D
Acq: 7 Jun 2019 3:04

Tgt Ion:146 Resp: 2692
Ion Ratio Lower Upper
146 100
111 31.7 18.5 55.5
148 61.2 32.0 96.2

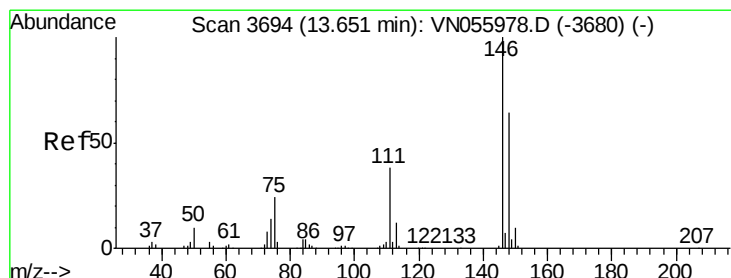
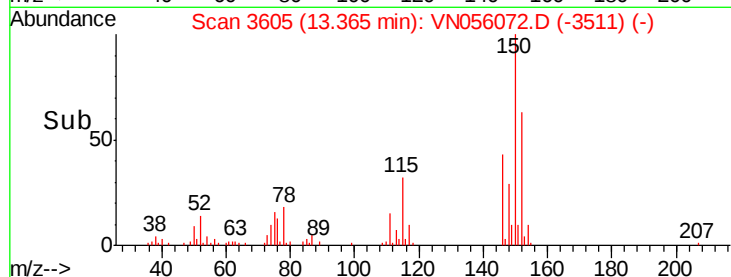
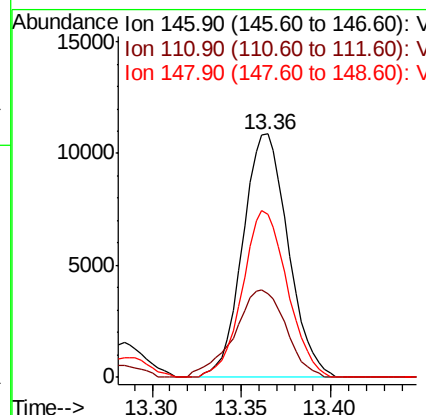
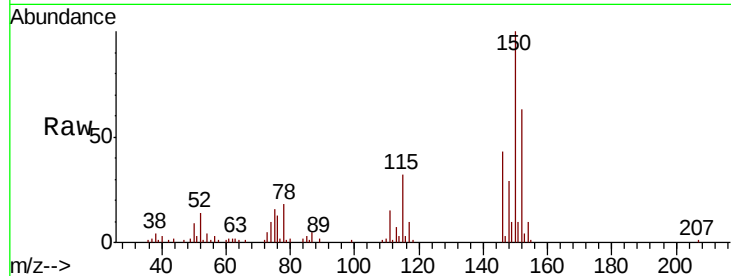




#88
 1,4-Dichlorobenzene
 Concen: 4.028 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN056072.D
 Acq: 7 Jun 2019 3:04

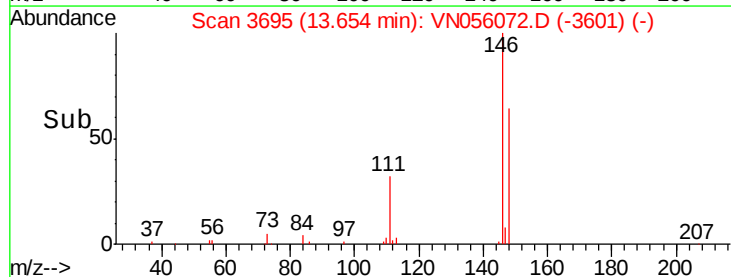
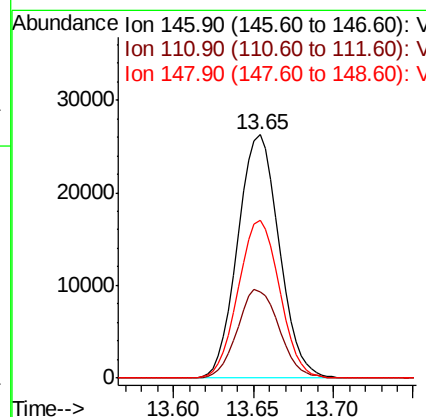
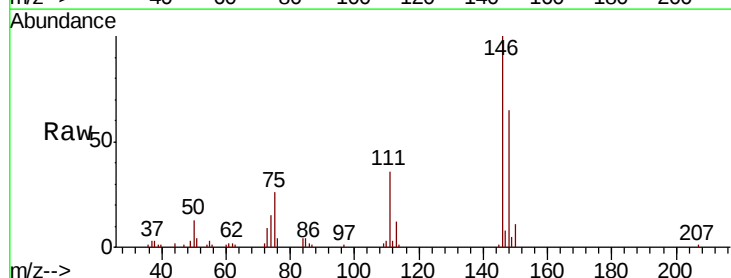
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0530-190604

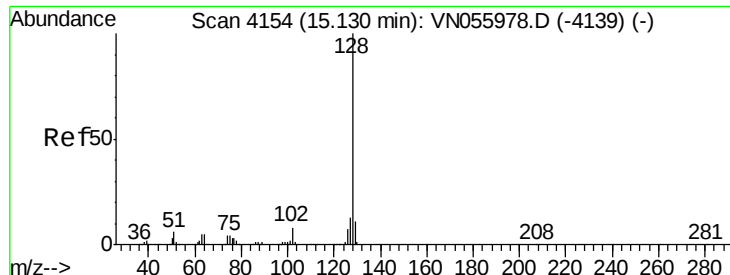
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	18.1	54.4
148	67.7	32.1	96.5



#91
 1,2-Dichlorobenzene
 Concen: 9.194 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056072.D
 Acq: 7 Jun 2019 3:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	19.1	57.5
148	64.7	31.9	95.9





#95

Naphthalene

Concen: 3.891 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056072.D

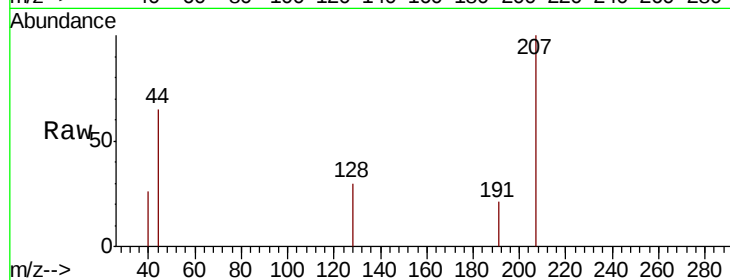
Acq: 7 Jun 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

DUP-0530-190604



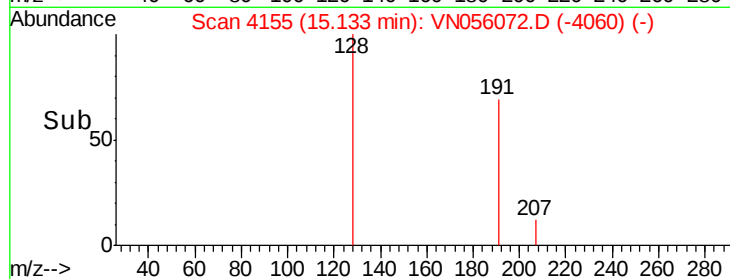
Tot Ion:128 Resp: 309

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 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

