

Data File : VN061212.D
Acq On : 30 Apr 2020 19:24
Operator : JC/MD
Sample : L2453-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Quant Time: May 01 02:21:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	130880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	227576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	217009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104159	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	94892	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
35) Dibromofluoromethane	7.55	113	65676	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.06	98	282925	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.38	95	111460	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.73	59	293	1.056	ug/l #	72
13) Acrolein	3.53	56	2089	11.300	ug/l #	1
14) Allyl chloride	4.36	41	9516	3.717	ug/l #	67
15) Acrylonitrile	5.00	53	7116	8.356	ug/l #	39
16) Acetone	3.76	43	37442	42.155	ug/l #	62
18) Methyl Acetate	4.35	43	4992	2.563	ug/l #	55
20) Methylene Chloride	4.49	84	707	0.438	ug/l #	1
23) Vinyl Acetate	5.81	43	4063	0.850	ug/l #	75
25) 2-Butanone	6.78	43	4527	3.694	ug/l #	53
26) 2,2-Dichloropropane	6.57	77	725	0.277	ug/l #	55
30) Chloroform	7.28	83	10886	3.463	ug/l #	18
31) Cyclohexane	7.61	56	62664	20.800	ug/l	92
36) 1,1-Dichloropropene	7.63	75	11708	5.139	ug/l #	55
37) Ethyl Acetate	6.78	43	4527	1.695	ug/l #	71
38) Carbon Tetrachloride	7.63	117	13730	8.590	ug/l #	16
39) Methylcyclohexane	9.05	83	51730	20.248	ug/l	95
41) Methacrylonitrile	7.17	41	3863	3.484	ug/l #	100
43) Isopropyl Acetate	8.11	43	10538	2.377	ug/l #	57
47) Bromodichloromethane	9.36	83	1495	0.620	ug/l #	25
48) Methyl methacrylate	9.19	41	2148	1.074	ug/l #	16
52) Toluene	10.13	92	104016	25.444	ug/l	99
53) t-1,3-Dichloropropene	10.12	75	1110	0.409	ug/l #	1
55) 1,1,2-Trichloroethane	10.50	97	5238	3.212	ug/l #	18
56) Ethyl methacrylate	10.40	69	263	2.815	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.64	63	283	0.214	ug/l #	49
67) Ethyl Benzene	11.48	91	318980	39.584	ug/l	99
68) m/p-Xylenes	11.59	106	436256	147.903	ug/l	97
69) o-Xylene	11.92	106	188308	66.462	ug/l	96
70) Styrene	11.92	104	10653	2.246	ug/l #	1
73) Isopropylbenzene	12.22	105	138262	18.056	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	3060	1.393	ug/l #	100
78) n-propylbenzene	12.57	91	479369	52.780	ug/l	99
79) 2-Chlorotoluene	12.63	91	88932	16.659	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	484905	76.513	ug/l	100

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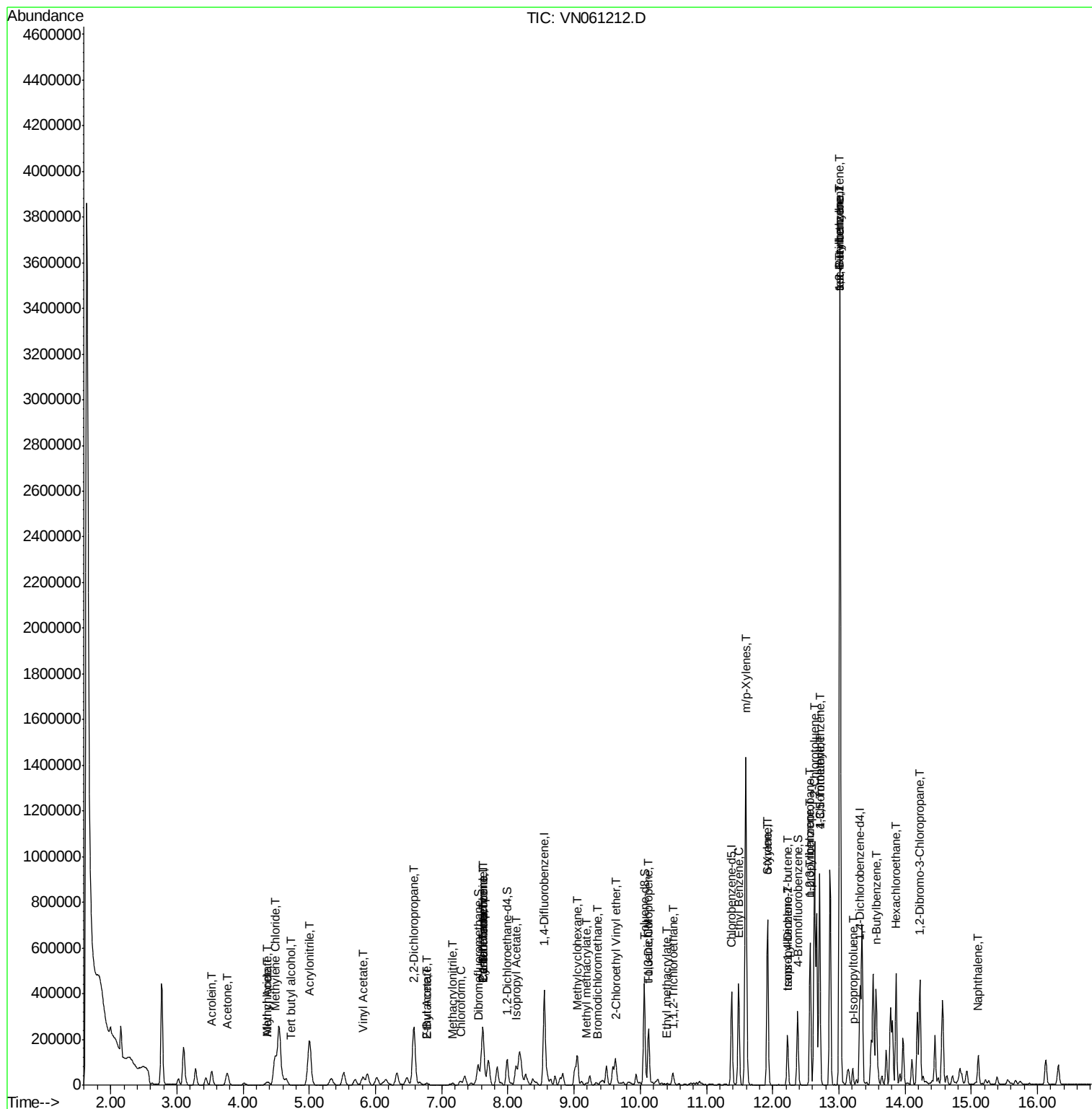
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.23	75	1826	2.112	ug/l #	64
82) 4-Chlorotoluene	12.71	91	53458	9.501	ug/l #	43
83) tert-Butylbenzene	13.01	119	239515	44.820	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.01	105	1995795	305.662	ug/l	100
85) sec-Butylbenzene	13.01	105	1995795	273.932	ug/l #	58
86) p-Isopropyltoluene	13.21	119	38951	5.934	ug/l	98
89) n-Butylbenzene	13.56	91	27985	4.650	ug/l #	1
90) Hexachloroethane	13.86	117	23773	37.051	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.22	75	2174	4.311	ug/l #	7
95) Naphthalene	15.11	128	100912	16.308	ug/l	99

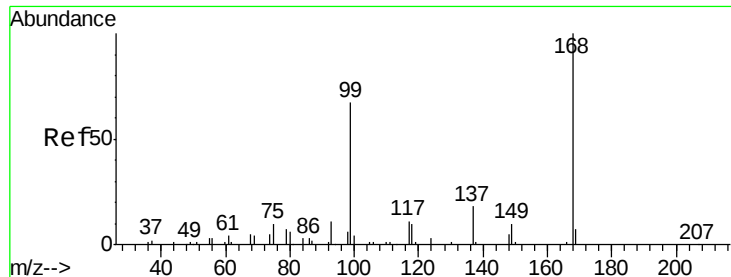
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

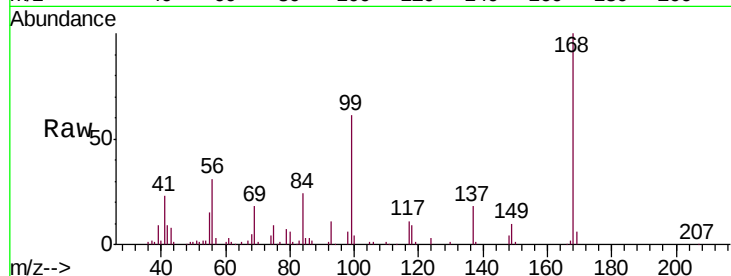
MW-4

Tgt Ion: 168 Resp: 130880

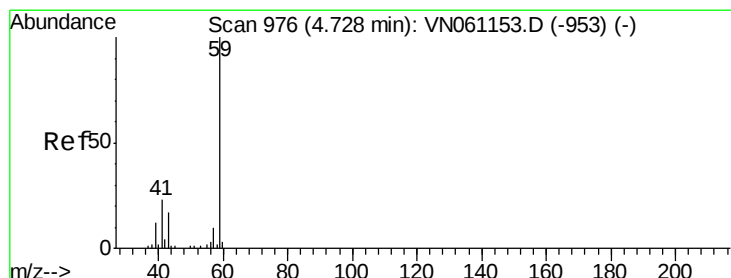
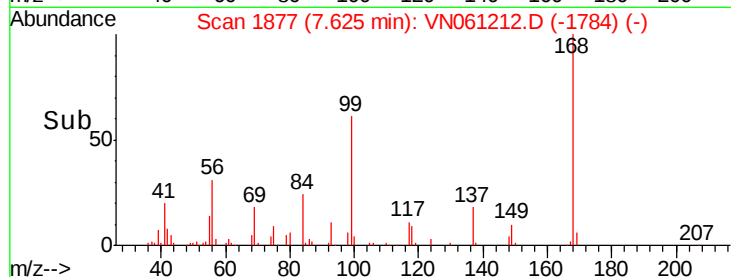
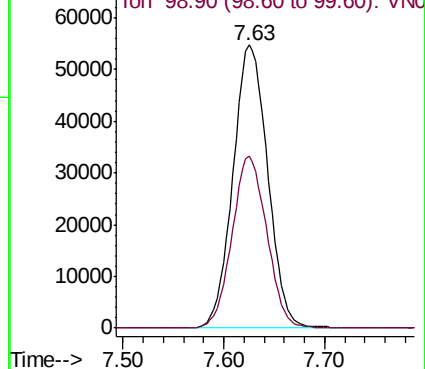
Ion Ratio Lower Upper

168 100

99 60.8 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): VN061212.D (-1784) (-)



#11

Tert butyl alcohol

Concen: 1.056 ug/l

RT: 4.73 min Scan# 976

Delta R.T. 0.00 min

Lab File: VN061212.D

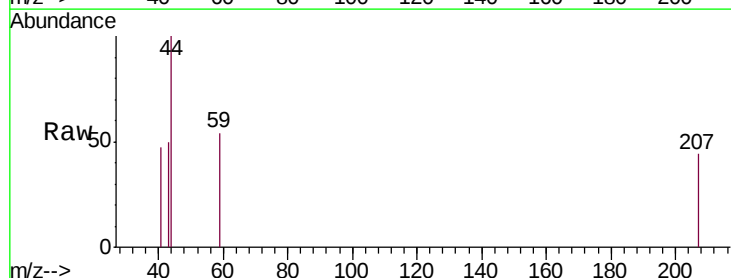
Acq: 30 Apr 2020 19:24

Tgt Ion: 59 Resp: 293

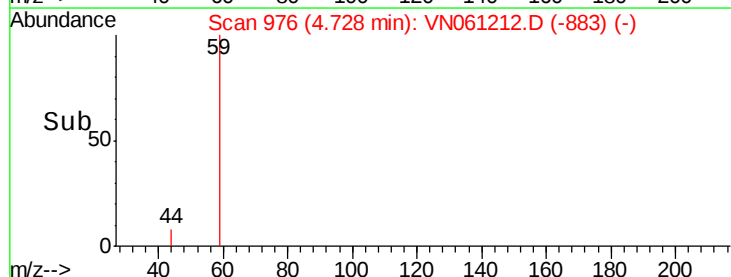
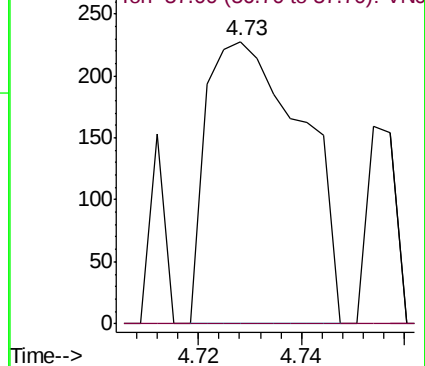
Ion Ratio Lower Upper

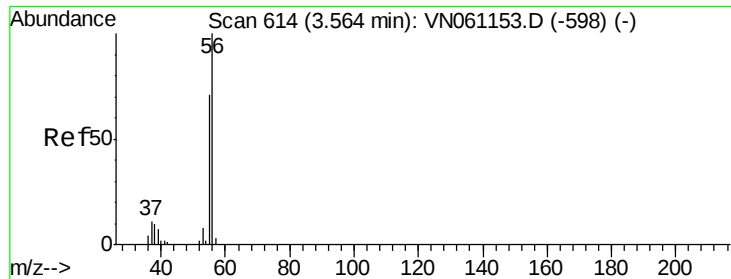
59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN061212.D (-883) (-)





#13

Acrolein

Concen: 11.300 ug/l

RT: 3.53 min Scan# 603

Delta R.T. -0.04 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

Instrument :

MSVOA_N

ClientSampleId :

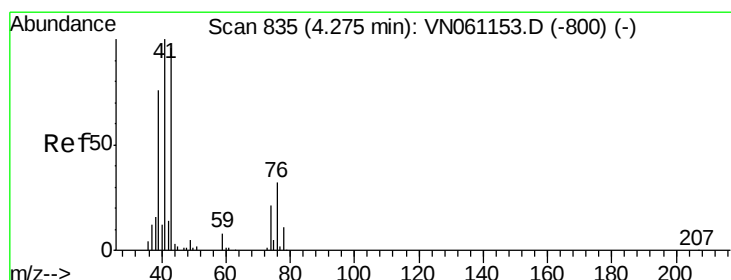
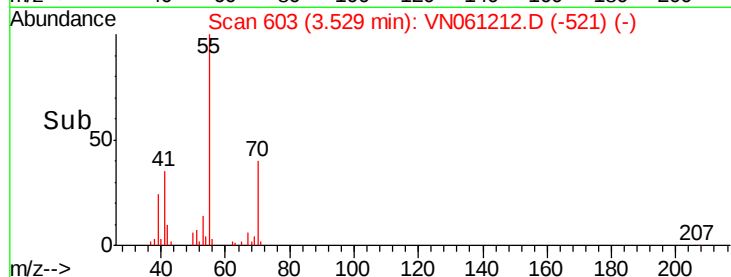
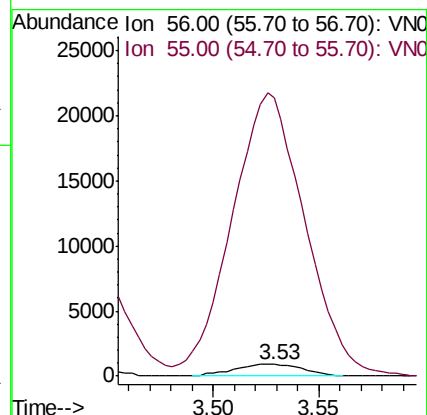
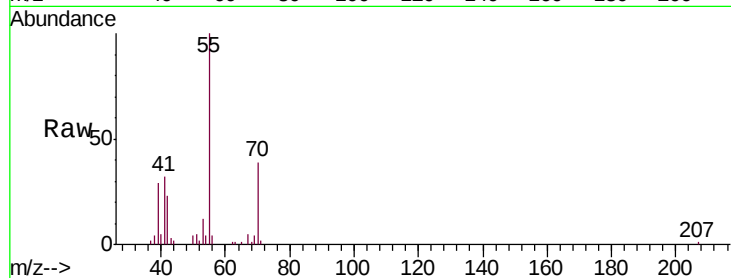
MW-4

Tgt Ion: 56 Resp: 2089

Ion Ratio Lower Upper

56 100

55 2506.3 58.5 87.7#



#14

Allyl chloride

Concen: 3.717 ug/l

RT: 4.36 min Scan# 862

Delta R.T. 0.09 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

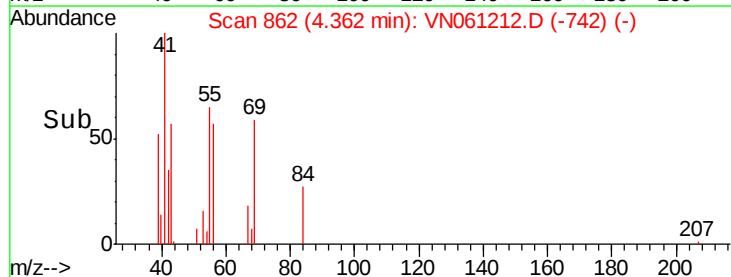
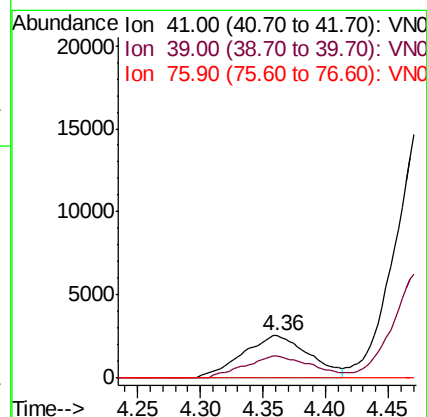
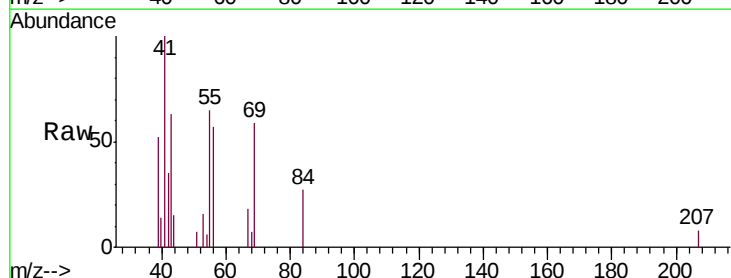
Tgt Ion: 41 Resp: 9516

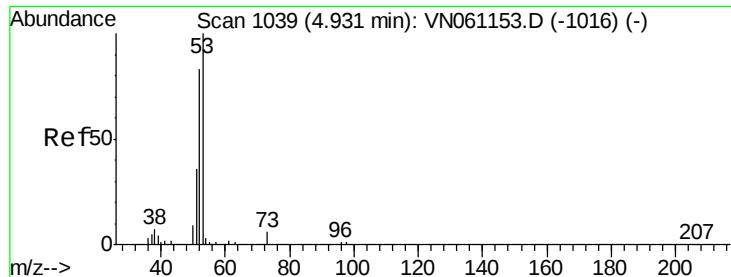
Ion Ratio Lower Upper

41 100

39 51.9 57.1 85.7#

76 0.0 24.3 36.5#





#15

Acrylonitrile

Concen: 8.356 ug/l

RT: 5.00 min Scan# 1061

Delta R.T. 0.07 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

MW-4

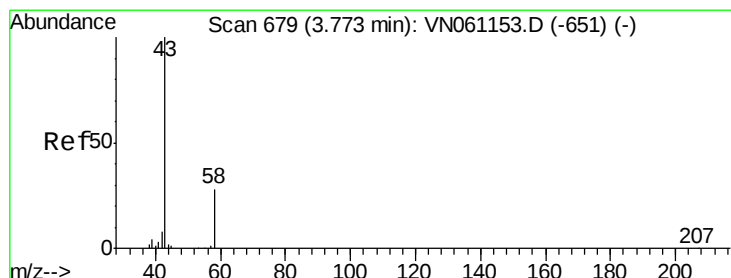
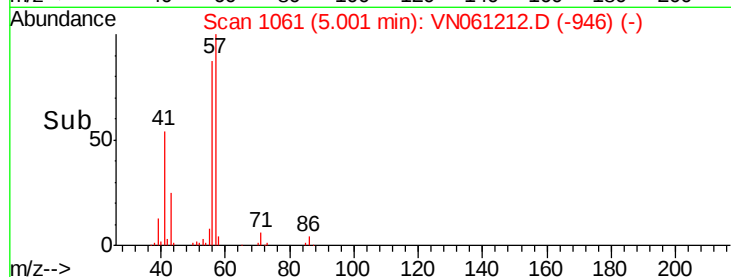
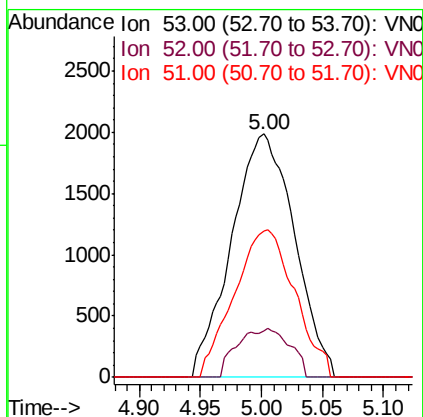
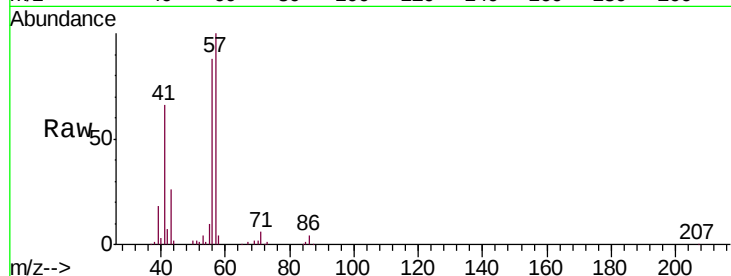
Tgt Ion: 53 Resp: 7116

Ion Ratio Lower Upper

53 100

52 16.7 65.4 98.0#

51 58.2 29.5 44.3#



#16

Acetone

Concen: 42.155 ug/l

RT: 3.76 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN061212.D

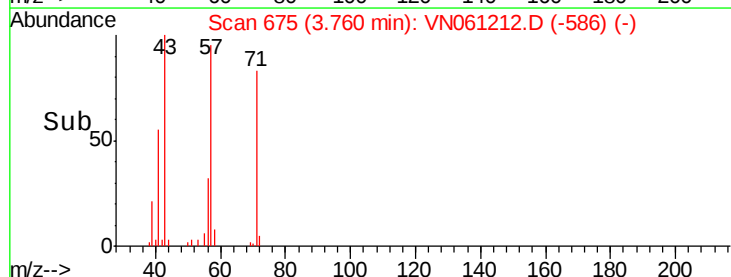
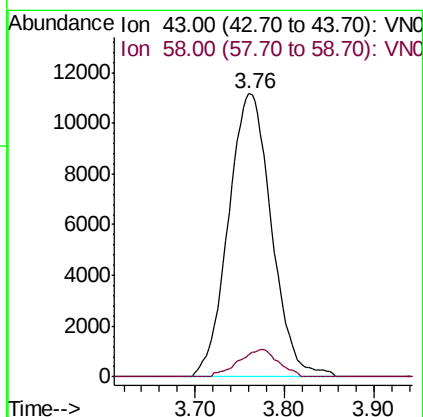
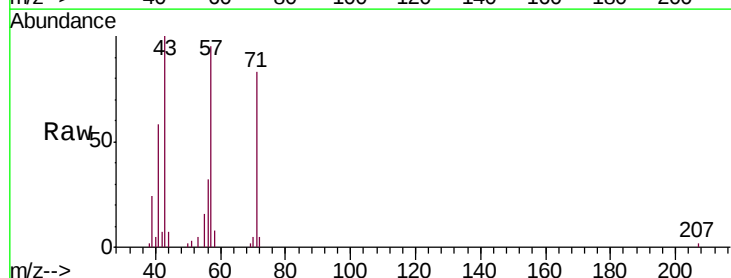
Acq: 30 Apr 2020 19:24

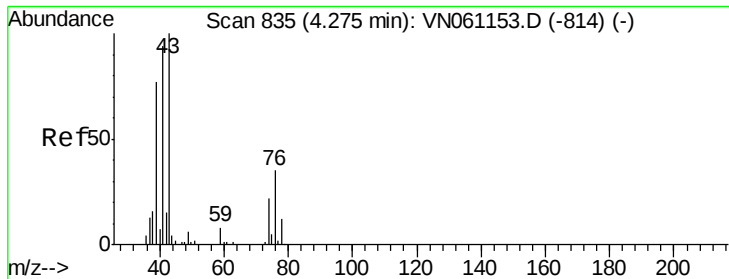
Tgt Ion: 43 Resp: 37442

Ion Ratio Lower Upper

43 100

58 7.9 22.2 33.2#

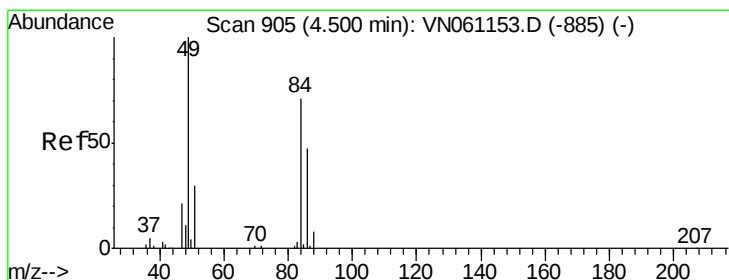
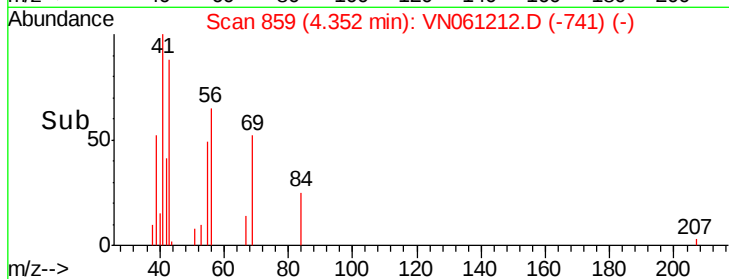
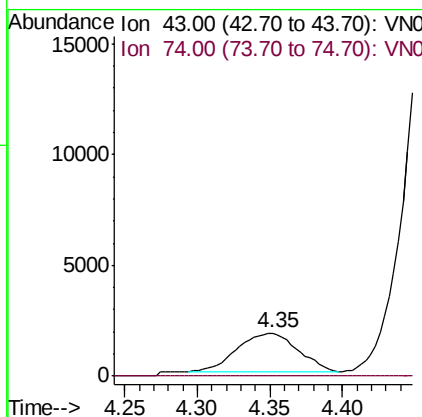
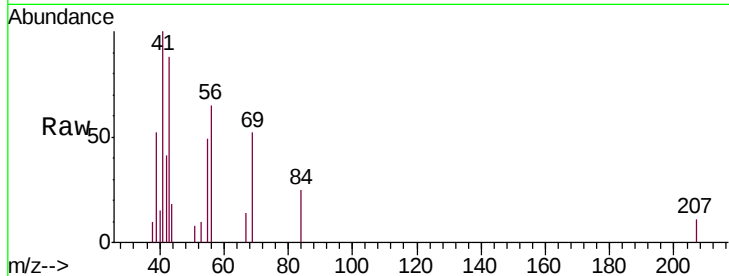




#18
Methyl Acetate
Concen: 2.563 ug/l
RT: 4.35 min Scan# 859
Delta R.T. 0.08 min
Lab File: VN061212.D
Acq: 30 Apr 2020 19:24

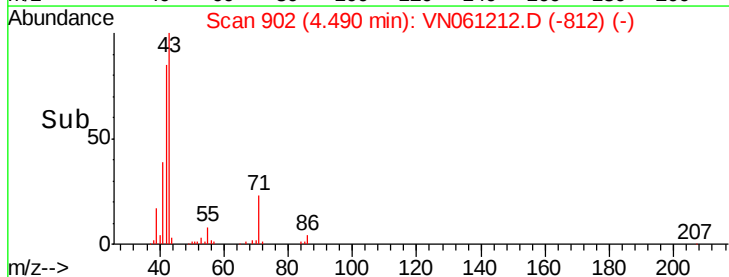
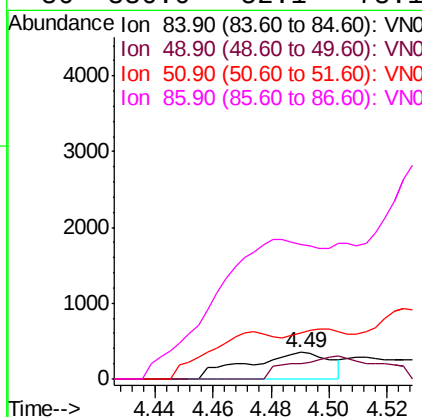
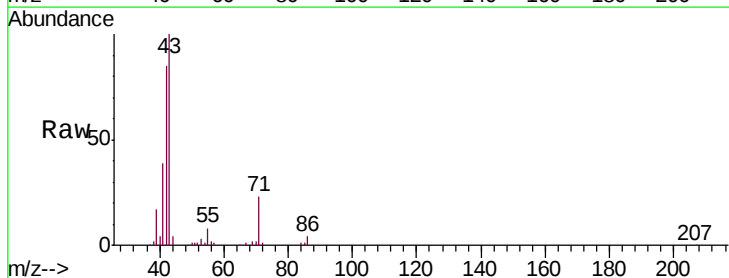
Instrument :
MSVOA_N
ClientSampled :
MW-4

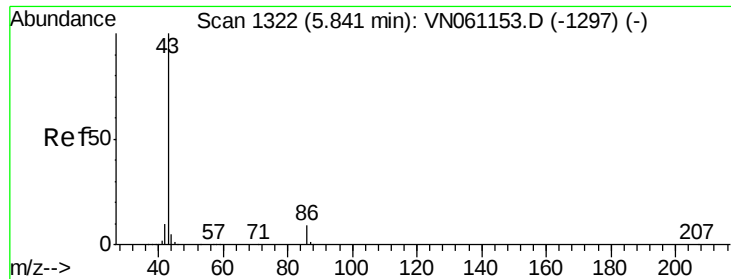
Tgt Ion: 43 Resp: 4992
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#20
Methylene Chloride
Concen: 0.438 ug/l
RT: 4.49 min Scan# 902
Delta R.T. -0.01 min
Lab File: VN061212.D
Acq: 30 Apr 2020 19:24

Tgt Ion: 84 Resp: 707
Ion Ratio Lower Upper
84 100
49 58.4 112.0 168.0#
51 108.8 33.6 50.4#
86 336.0 52.1 78.1#

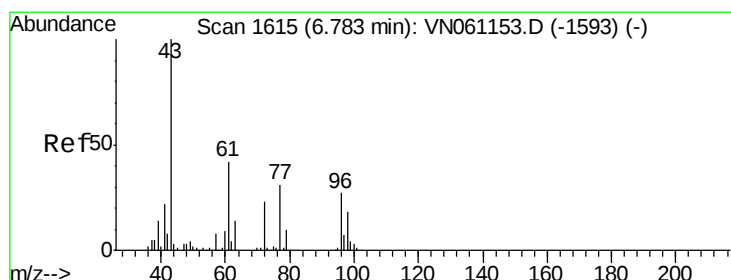
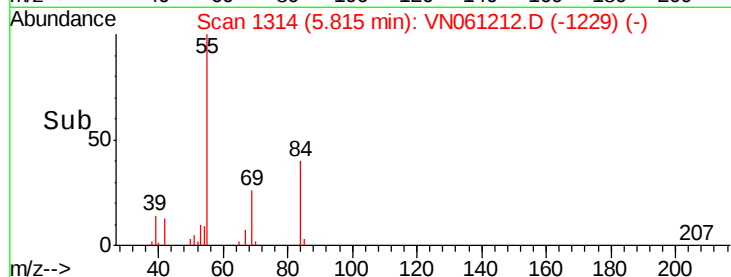
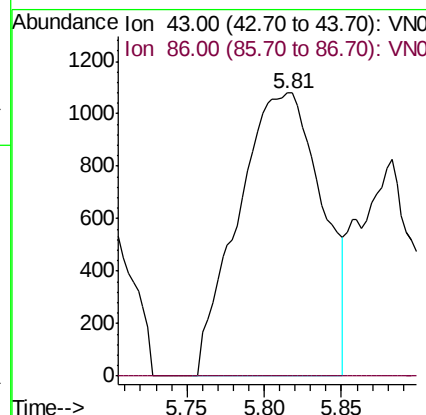
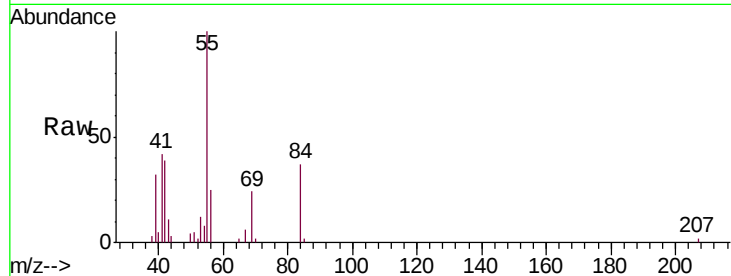




#23
 Vinyl Acetate
 Concen: 0.850 ug/l
 RT: 5.81 min Scan# 1314
 Delta R.T. -0.03 min
 Lab File: VN061212.D
 Acq: 30 Apr 2020 19:24

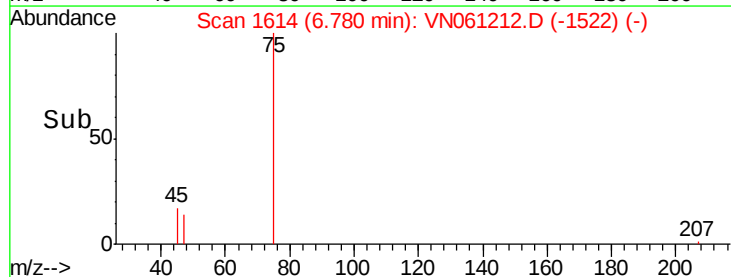
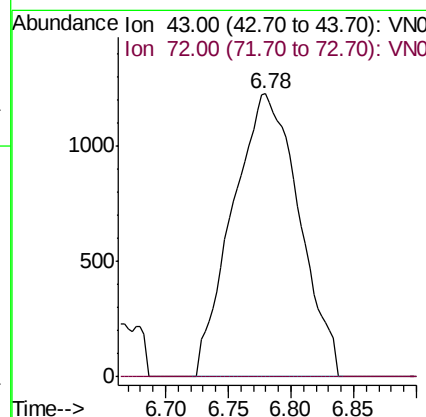
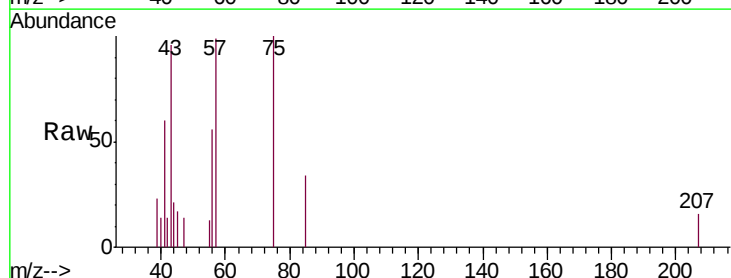
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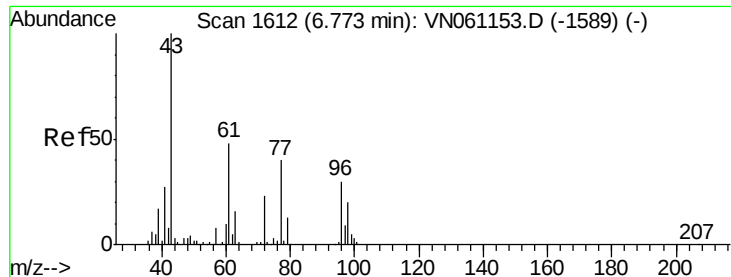
Tgt Ion: 43 Resp: 4063
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.2 10.8#



#25
 2-Butanone
 Concen: 3.694 ug/l
 RT: 6.78 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: VN061212.D
 Acq: 30 Apr 2020 19:24

Tgt Ion: 43 Resp: 4527
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.2 27.4#

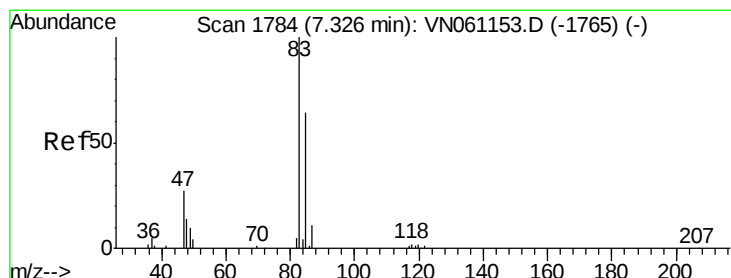
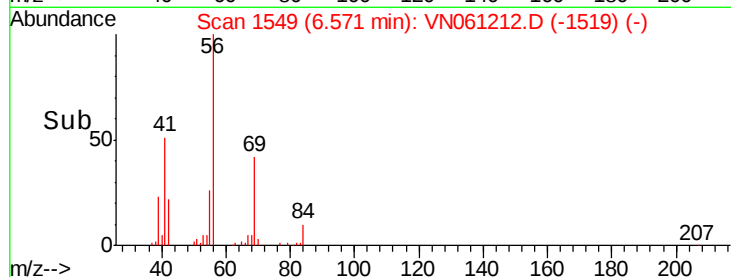
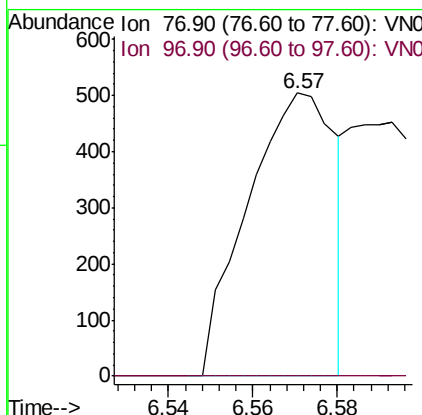
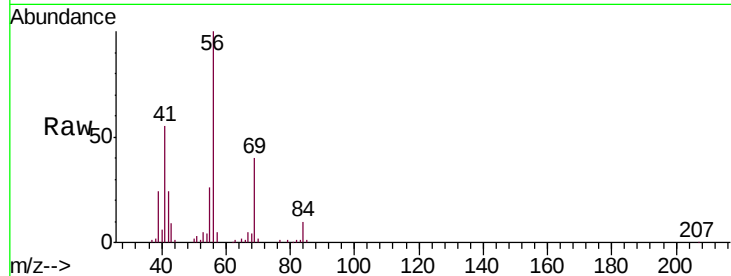




#26
 2,2-Dichloropropane
 Concen: 0.277 ug/l
 RT: 6.57 min Scan# 1549
 Delta R.T. -0.20 min
 Lab File: VN061212.D
 Acq: 30 Apr 2020 19:24

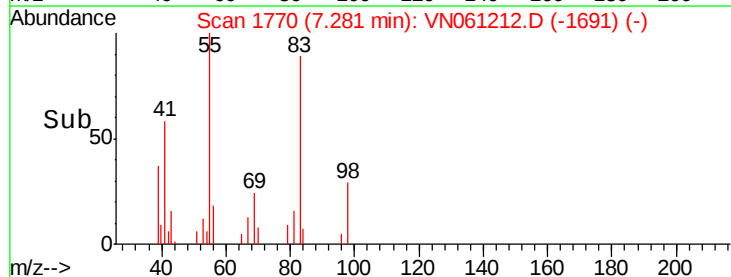
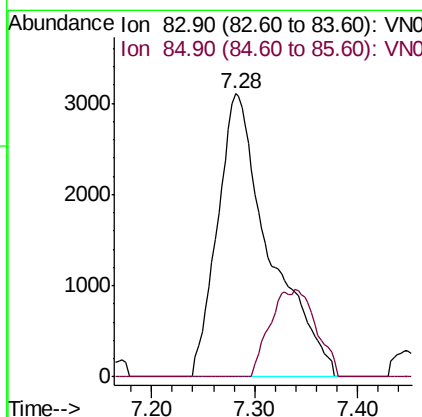
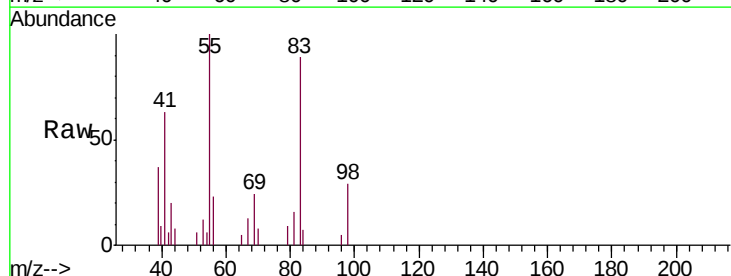
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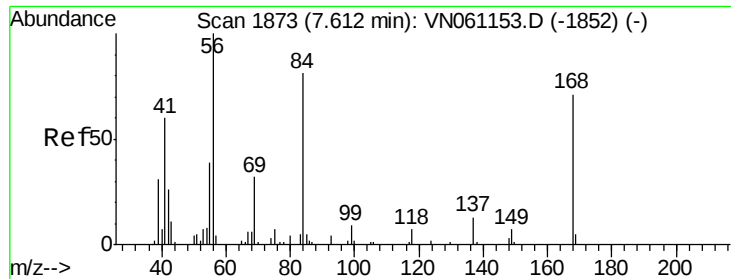
Tgt Ion: 77 Resp: 725
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.5 31.5#



#30
 Chloroform
 Concen: 3.463 ug/l
 RT: 7.28 min Scan# 1770
 Delta R.T. -0.04 min
 Lab File: VN061212.D
 Acq: 30 Apr 2020 19:24

Tgt Ion: 83 Resp: 10886
 Ion Ratio Lower Upper
 83 100
 85 0.0 51.1 76.7#

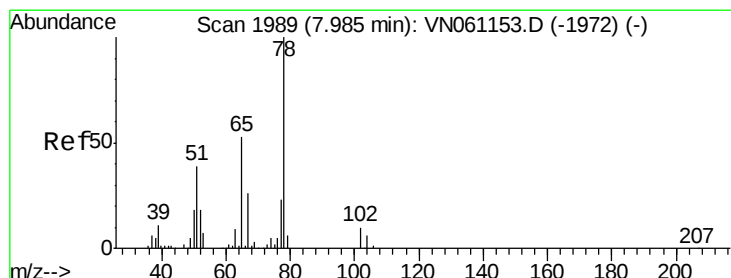
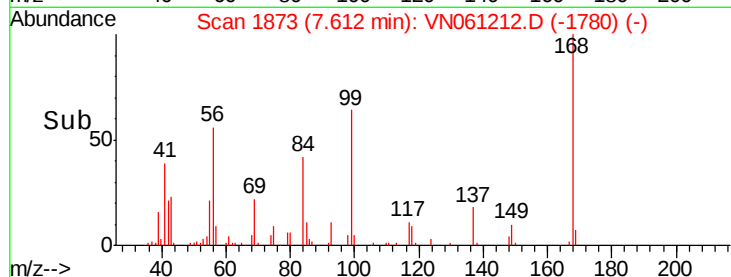
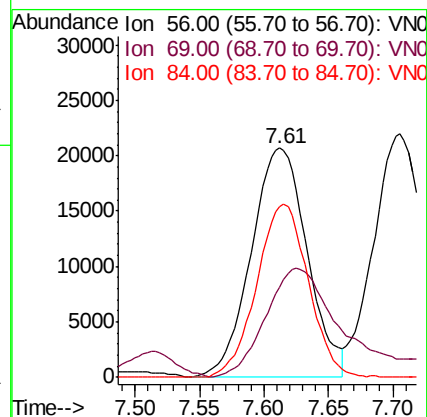
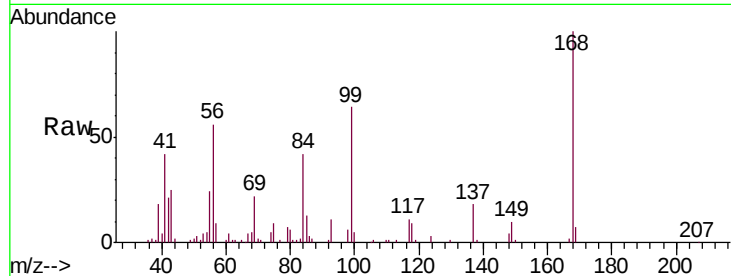




#31
Cyclohexane
Concen: 20.800 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061212.D
Acq: 30 Apr 2020 19:24

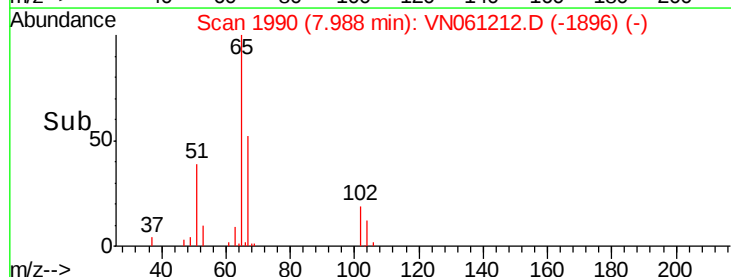
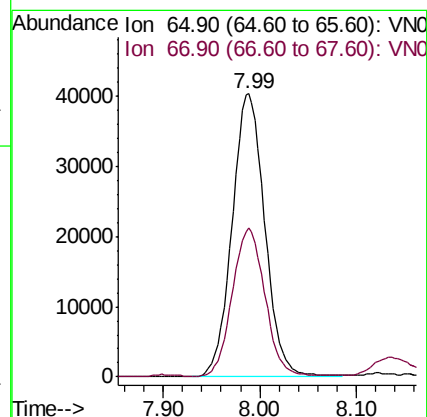
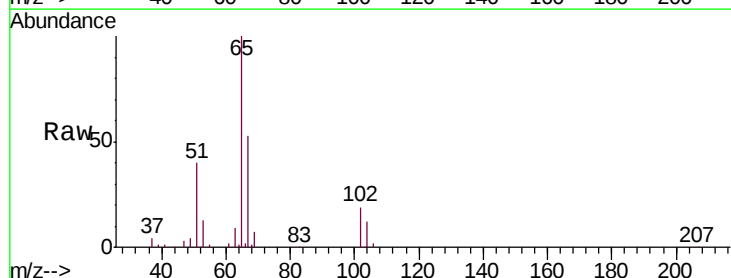
Instrument :
MSVOA_N
ClientSampled :
MW-4

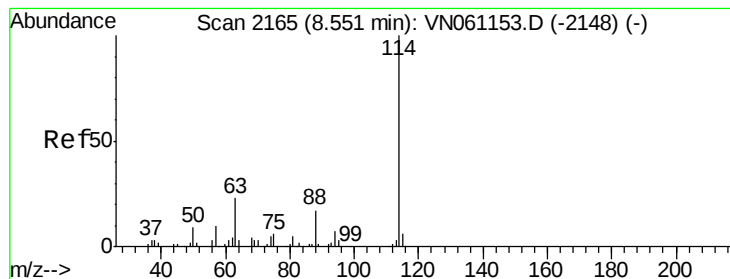
Tgt Ion: 56 Resp: 62664
Ion Ratio Lower Upper
56 100
69 37.2 25.7 38.5
84 74.4 64.6 97.0



#33
1,2-Dichloroethane-d4
Concen: 45.821 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061212.D
Acq: 30 Apr 2020 19:24

Tgt Ion: 65 Resp: 94892
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

Instrument :

MSVOA_N

ClientSampleId :

MW-4

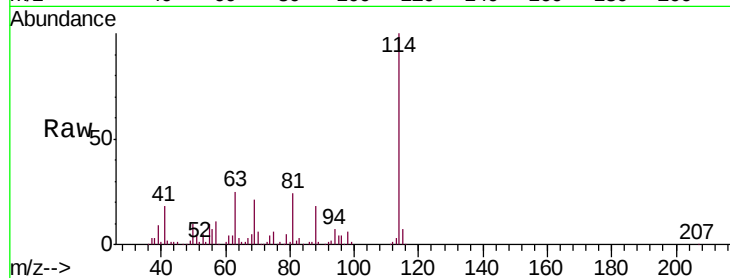
Tgt Ion:114 Resp: 227576

Ion Ratio Lower Upper

114 100

63 24.7 0.0 46.6

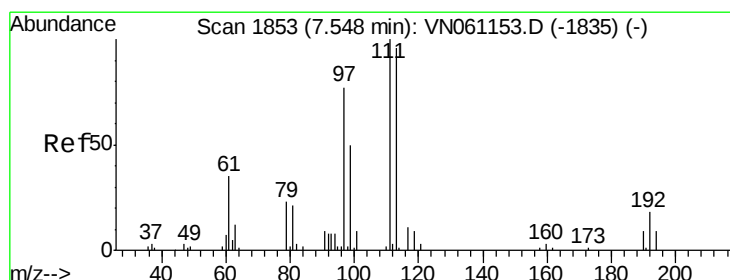
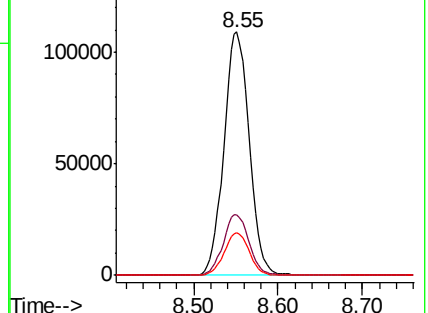
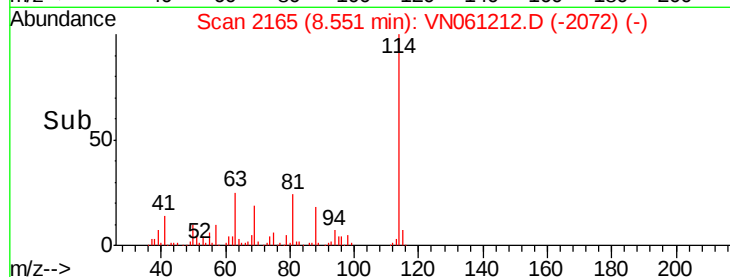
88 17.5 0.0 33.4



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: 48.804 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

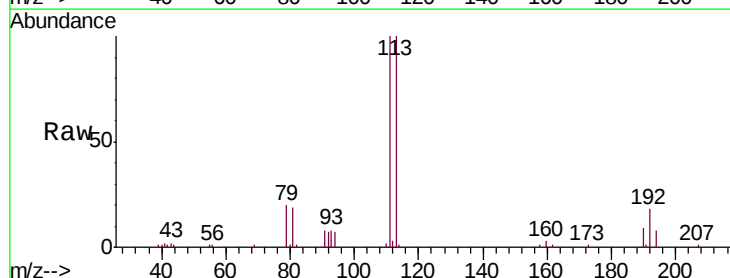
Tgt Ion:113 Resp: 65676

Ion Ratio Lower Upper

113 100

111 101.3 82.9 124.3

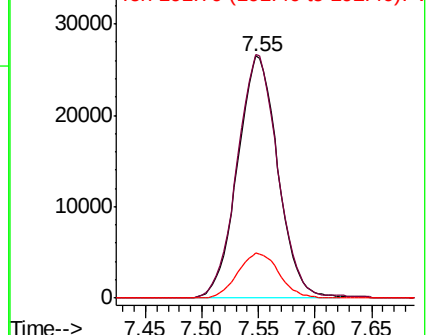
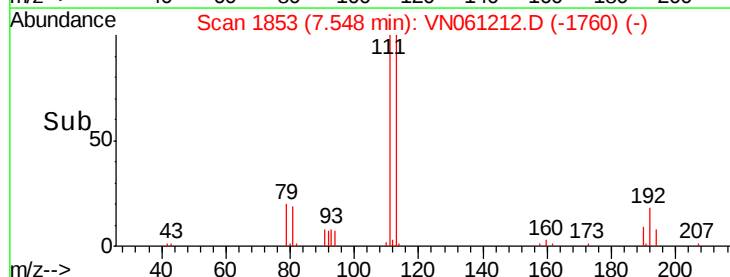
192 18.9 14.7 22.1

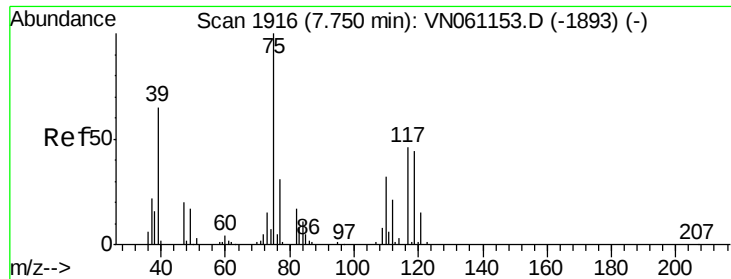


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

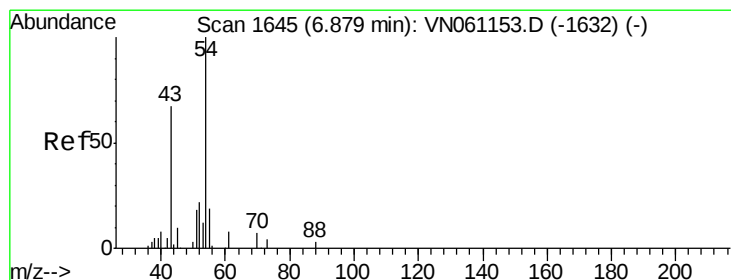
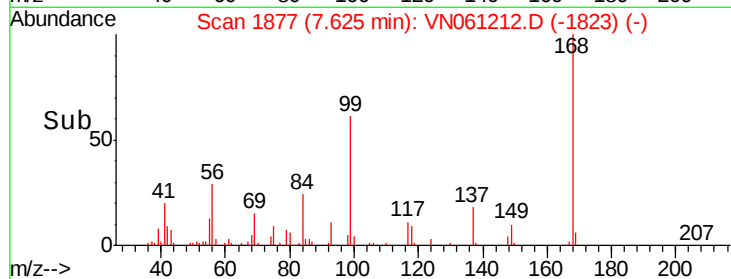
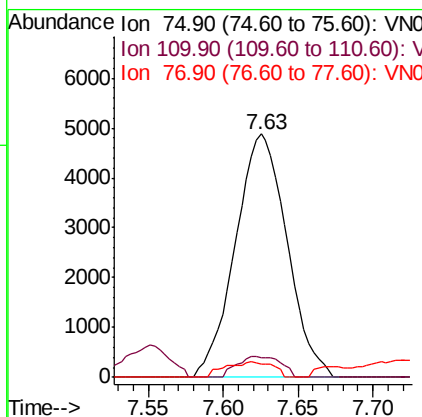
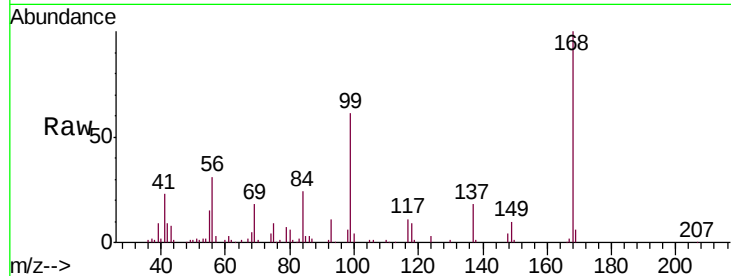




#36
 1,1-Dichloropropene
 Concen: 5.139 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061212.D
 Acq: 30 Apr 2020 19:24

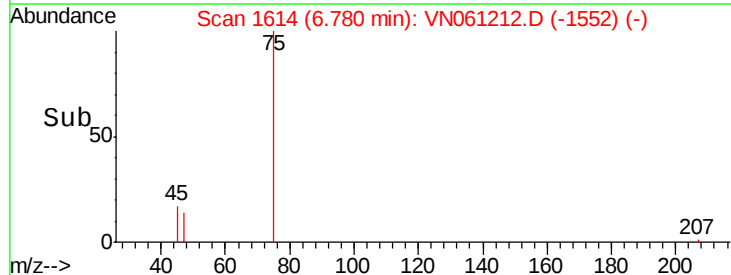
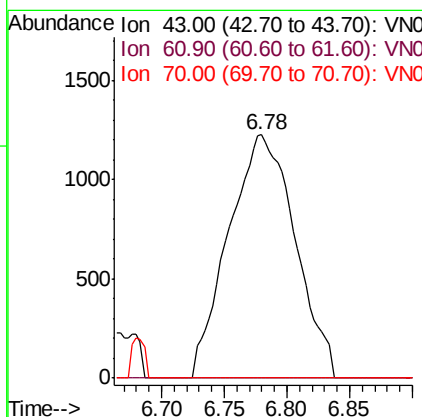
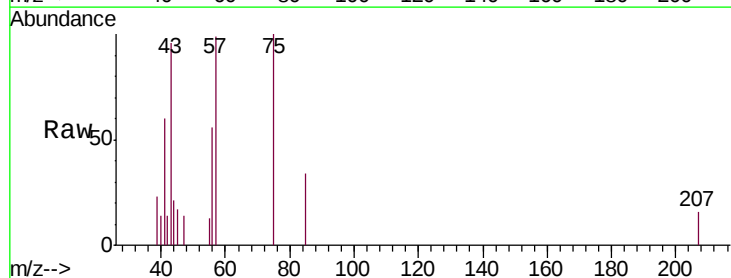
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

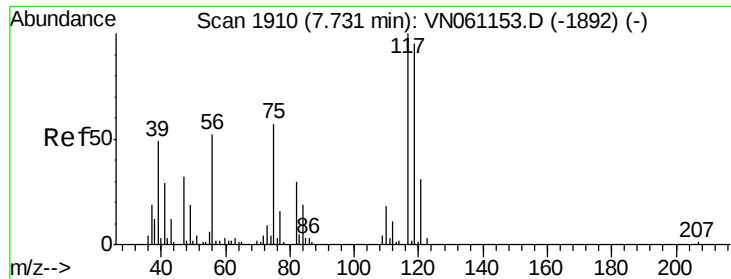
Tgt Ion: 75 Resp: 11708
 Ion Ratio Lower Upper
 75 100
 110 7.3 16.0 48.0#
 77 5.8 24.6 37.0#



#37
 Ethyl Acetate
 Concen: 1.695 ug/l
 RT: 6.78 min Scan# 1614
 Delta R.T. -0.10 min
 Lab File: VN061212.D
 Acq: 30 Apr 2020 19:24

Tgt Ion: 43 Resp: 4527
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.2 15.2#
 70 0.0 7.2 10.8#





#38

Carbon Tetrachloride

Concen: 8.590 ug/l

RT: 7.63 min Scan# 1878

Delta R.T. -0.10 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

MW-4

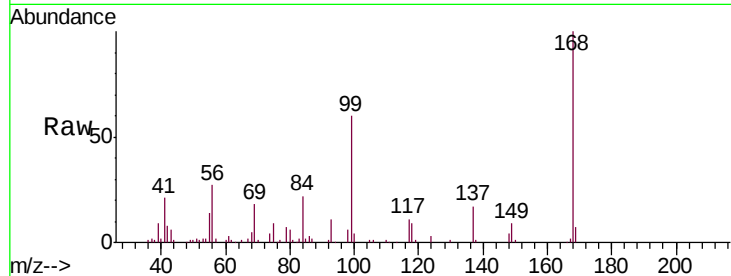
Tgt Ion: 117 Resp: 13730

Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.6#

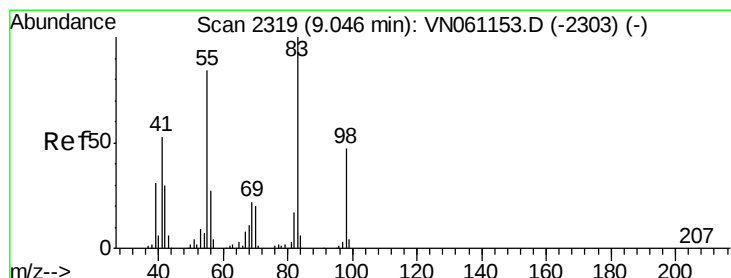
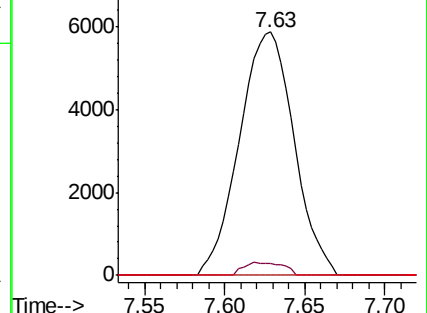
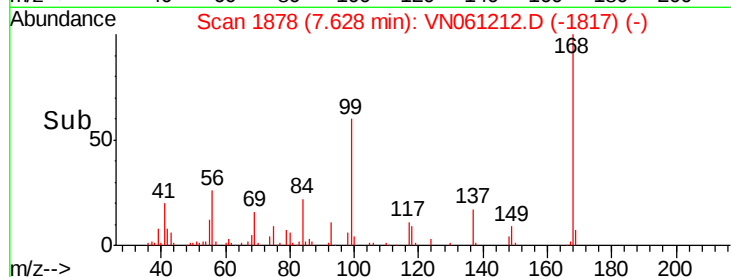
121 0.0 24.7 37.1#



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: 20.248 ug/l

RT: 9.05 min Scan# 2320

Delta R.T. 0.00 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

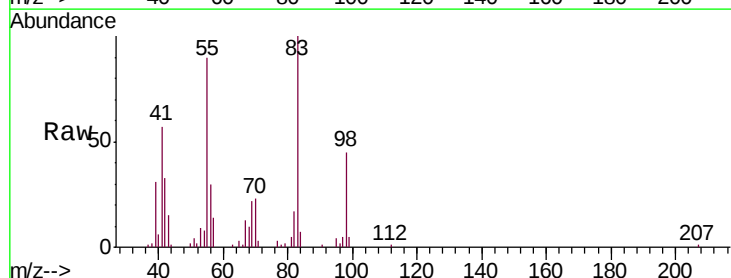
Tgt Ion: 83 Resp: 51730

Ion Ratio Lower Upper

83 100

55 89.1 67.3 100.9

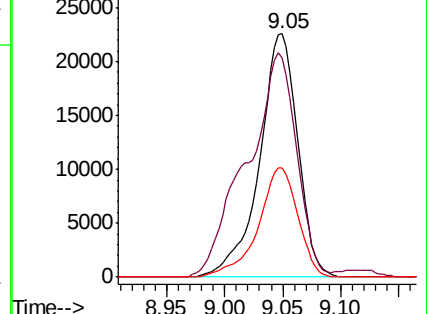
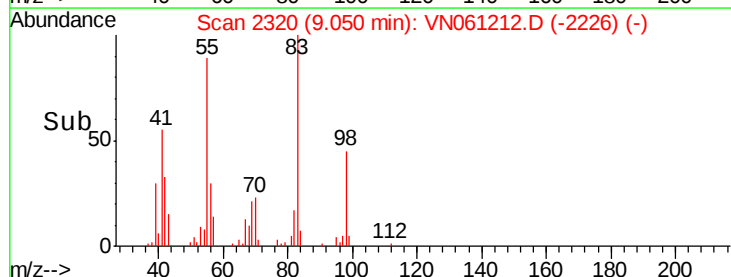
98 44.9 37.7 56.5

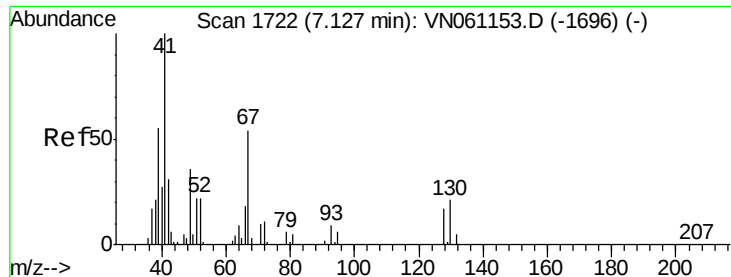


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

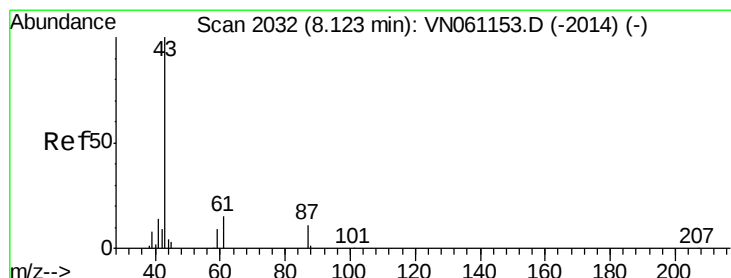
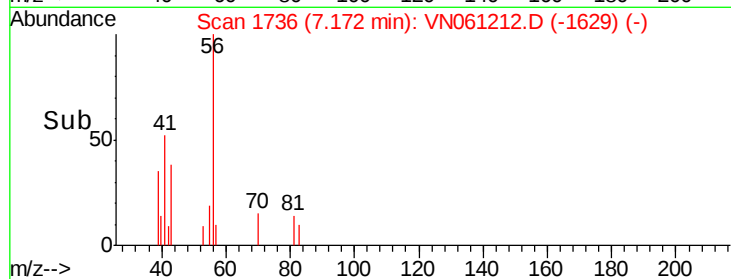
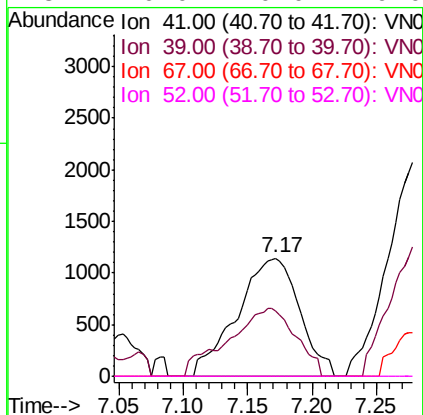
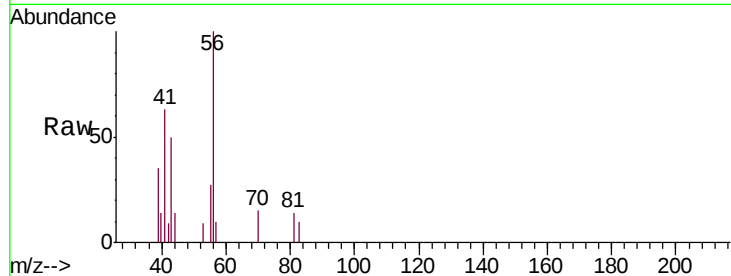




#41
Methacrylonitrile
Concen: 3.484 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. 0.05 min
Lab File: VN061212.D
Acq: 30 Apr 2020 19:24

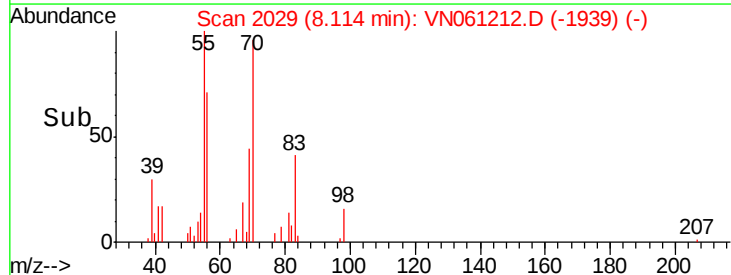
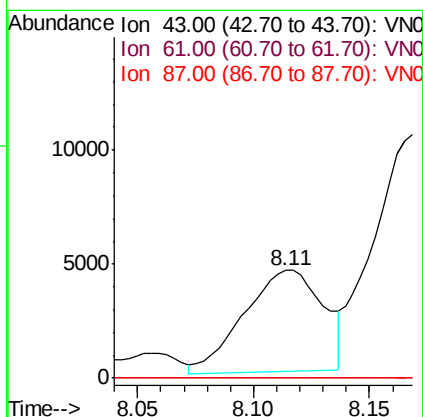
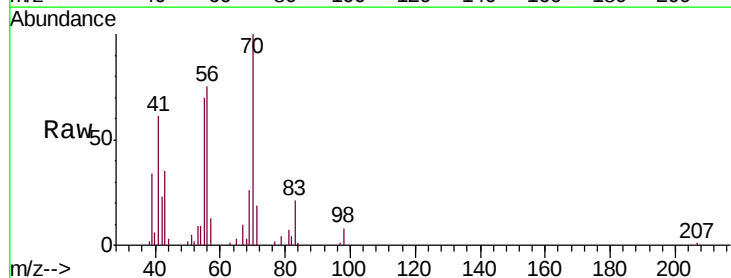
Instrument :
MSVOA_N
ClientSampled :
MW-4

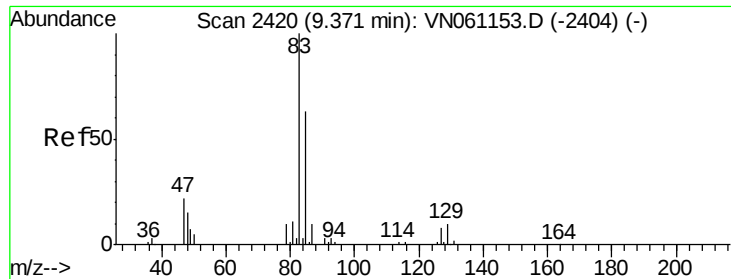
Tgt Ion:	41	Resp:	3863
Ion	Ratio	Lower	Upper
41	100		
39	62.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 2.377 ug/l
RT: 8.11 min Scan# 2029
Delta R.T. -0.01 min
Lab File: VN061212.D
Acq: 30 Apr 2020 19:24

Tgt Ion:	43	Resp:	10538
Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.5	29.3#
87	0.0	8.9	13.3#





#47

Bromodichloromethane

Concen: 0.620 ug/l

RT: 9.36 min Scan# 2416

Delta R.T. -0.01 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

Instrument :

MSVOA_N

ClientSampleId :

MW-4

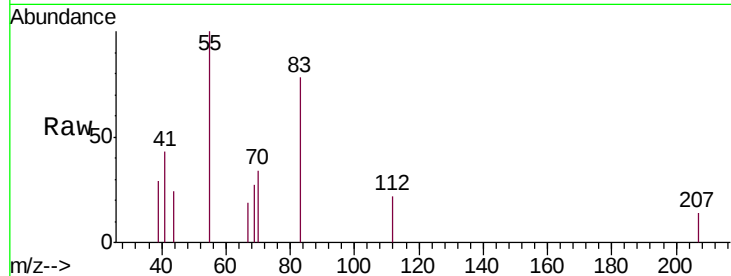
Tgt Ion: 83 Resp: 1495

Ion Ratio Lower Upper

83 100

85 0.0 50.4 75.6#

127 0.0 6.2 9.2#

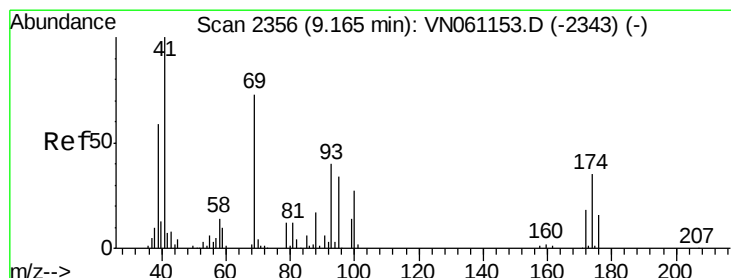
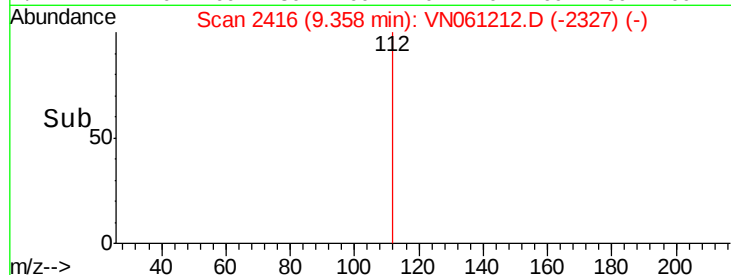


Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN061153.D (-2404) (-)

Time-->



#48

Methyl methacrylate

Concen: 1.074 ug/l

RT: 9.19 min Scan# 2363

Delta R.T. 0.02 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

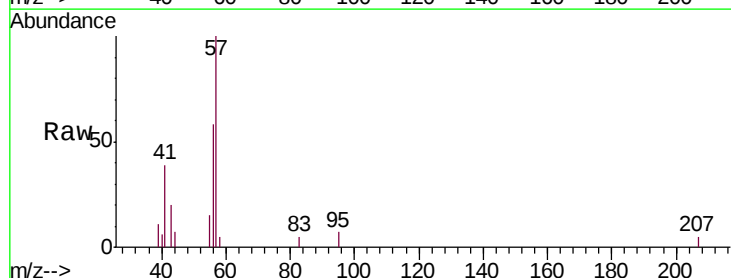
Tgt Ion: 41 Resp: 2148

Ion Ratio Lower Upper

41 100

69 0.0 60.3 90.5#

39 0.0 47.4 71.0#

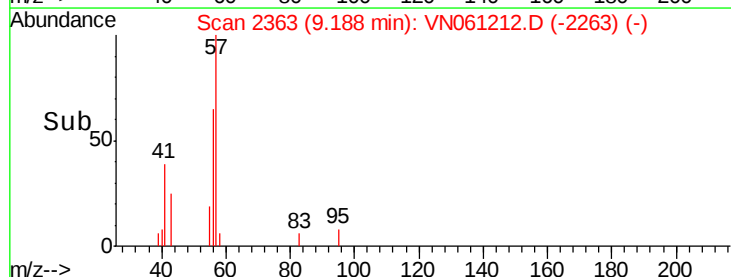


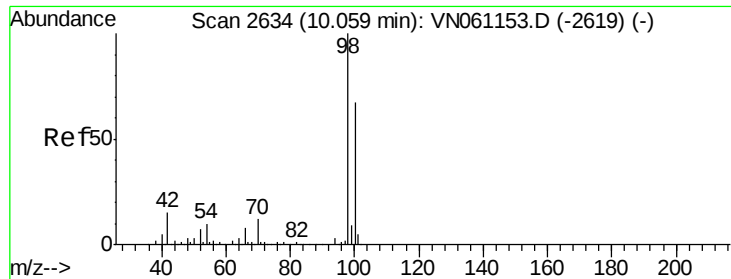
Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-2343) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-2343) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-2343) (-)

Time-->

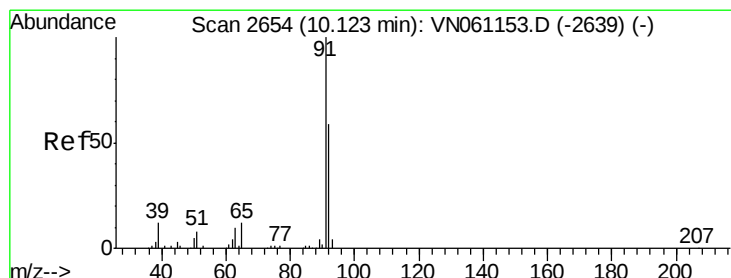
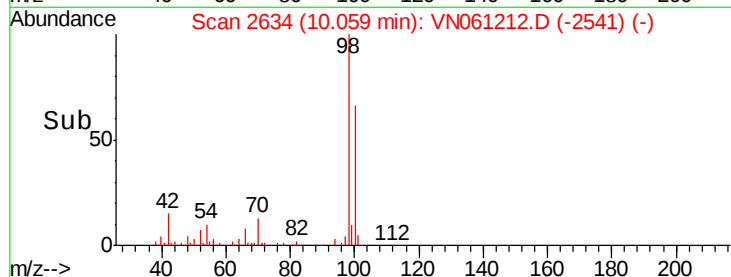
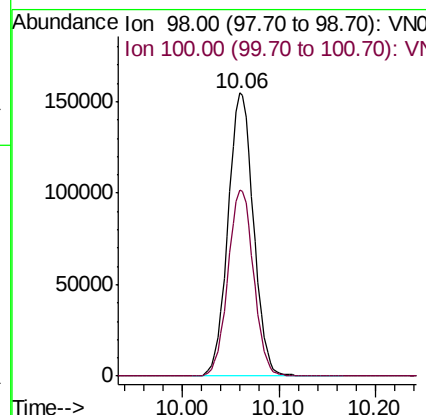
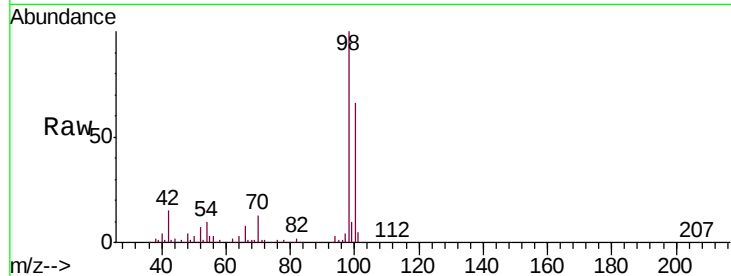




#50
Toluene-d8
Concen: 51.574 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061212.D
Acq: 30 Apr 2020 19:24

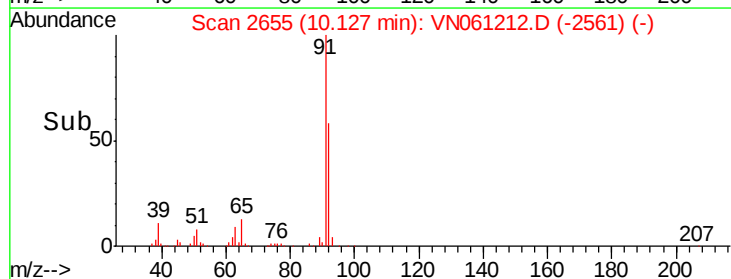
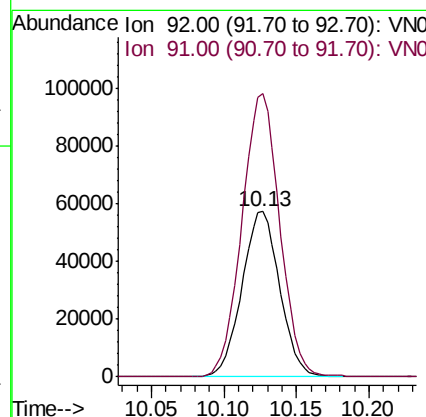
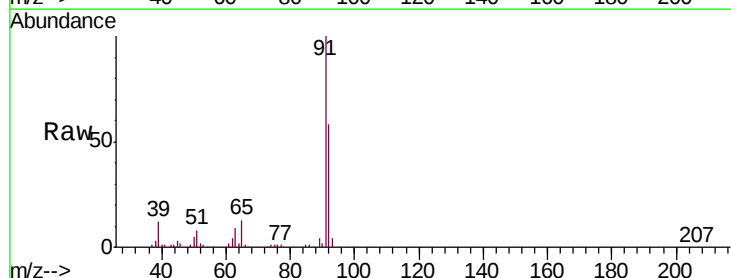
Instrument :
MSVOA_N
ClientSampled :
MW-4

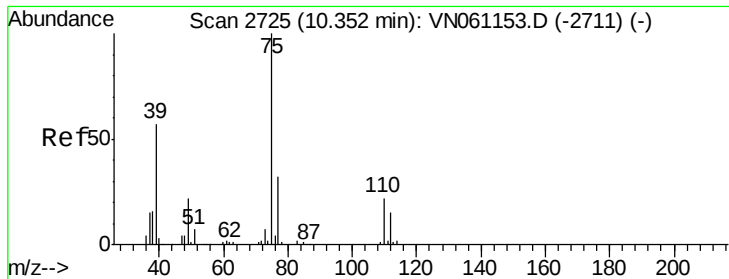
Tgt Ion: 98 Resp: 282925
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0



#52
Toluene
Concen: 25.444 ug/l
RT: 10.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VN061212.D
Acq: 30 Apr 2020 19:24

Tgt Ion: 92 Resp: 104016
Ion Ratio Lower Upper
92 100
91 172.1 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 0.409 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. -0.23 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

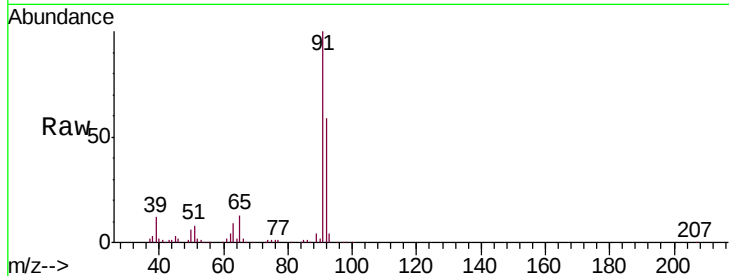
MW-4

Tgt Ion: 75 Resp: 1110

Ion Ratio Lower Upper

75 100

77 154.9 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

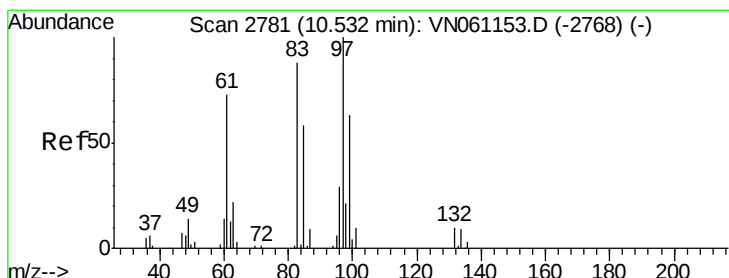
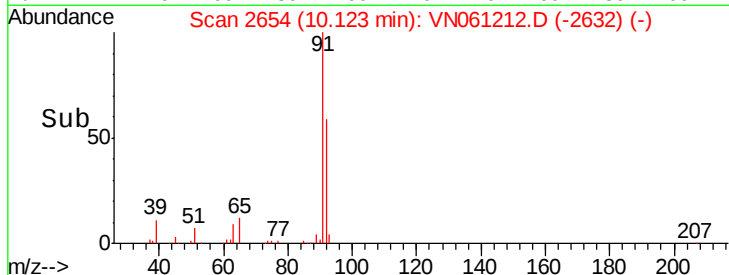
Ion 76.90 (76.60 to 77.60): VN0

1000

10.12

500

Time-->



#55

1,1,2-Trichloroethane

Concen: 3.212 ug/l

RT: 10.50 min Scan# 2772

Delta R.T. -0.03 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

Tgt Ion: 97 Resp: 5238

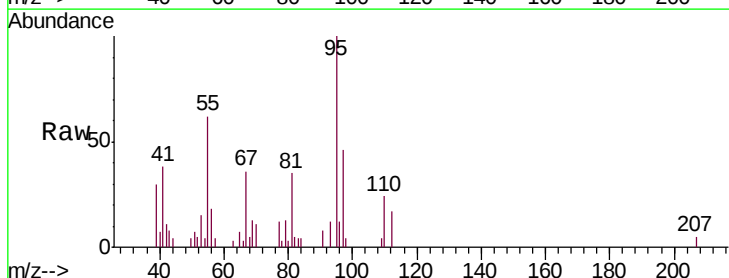
Ion Ratio Lower Upper

97 100

83 8.9 70.6 106.0#

85 0.0 46.4 69.6#

99 0.0 50.6 75.8#



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

4000

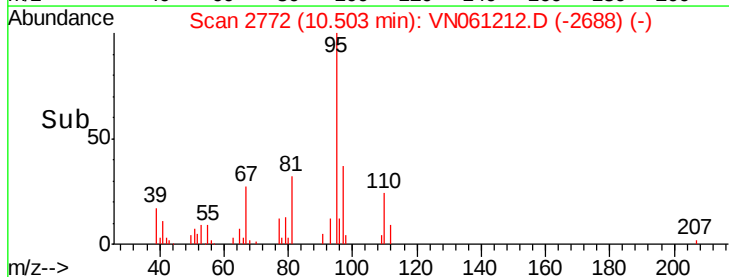
10.50

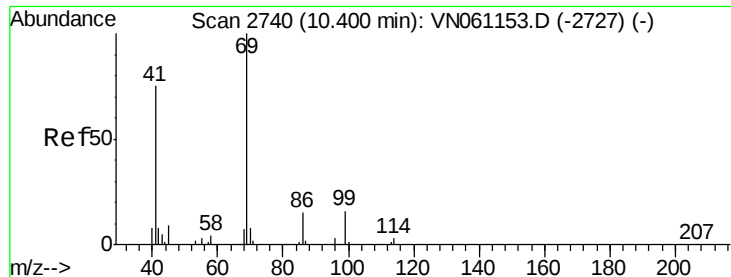
3000

2000

1000

Time-->





#56

Ethyl methacrylate

Concen: 2.815 ug/l

RT: 10.40 min Scan# 2739

Delta R.T. -0.00 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

MW-4

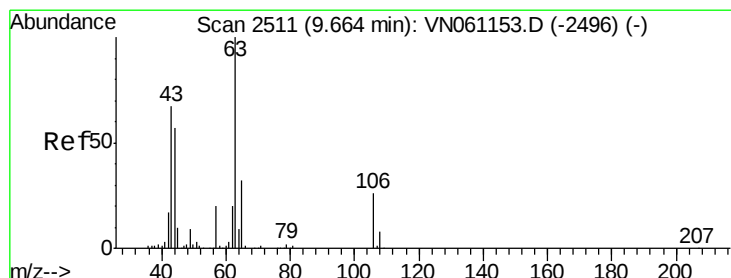
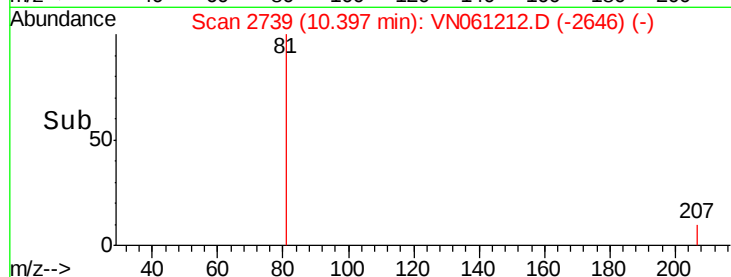
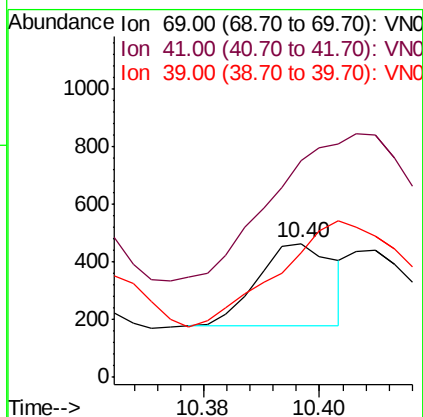
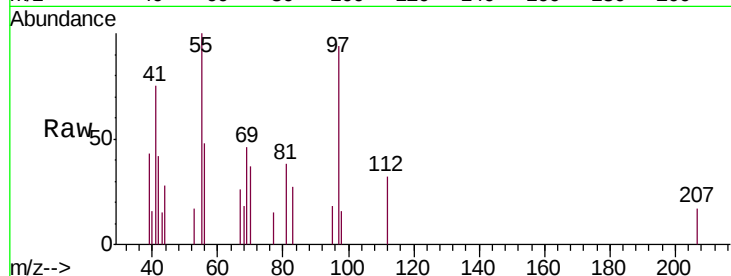
Tgt Ion: 69 Resp: 263

Ion Ratio Lower Upper

69 100

41 361.6 60.3 90.5#

39 236.9 35.9 53.9#



#58

2-Chloroethyl Vinyl ether

Concen: 0.214 ug/l

RT: 9.64 min Scan# 2505

Delta R.T. -0.02 min

Lab File: VN061212.D

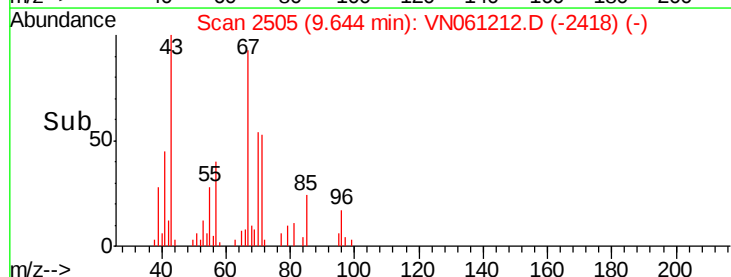
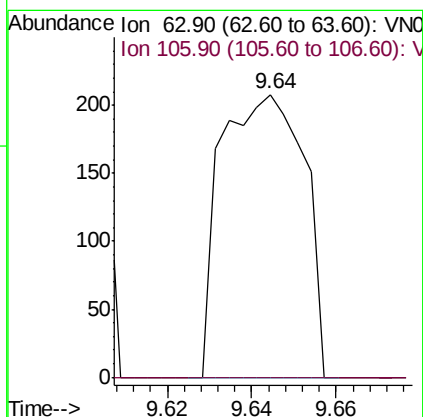
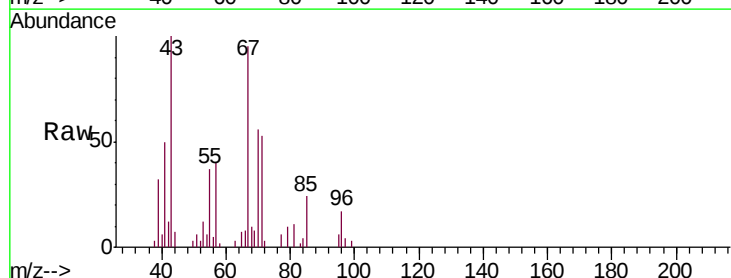
Acq: 30 Apr 2020 19:24

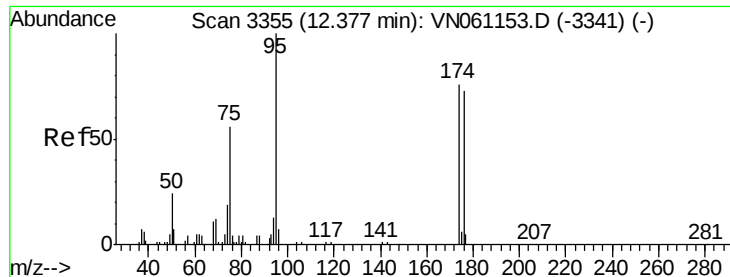
Tgt Ion: 63 Resp: 283

Ion Ratio Lower Upper

63 100

106 0.0 20.6 30.8#





#62

4-Bromofluorobenzene

Concen: 53.991 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

MW-4

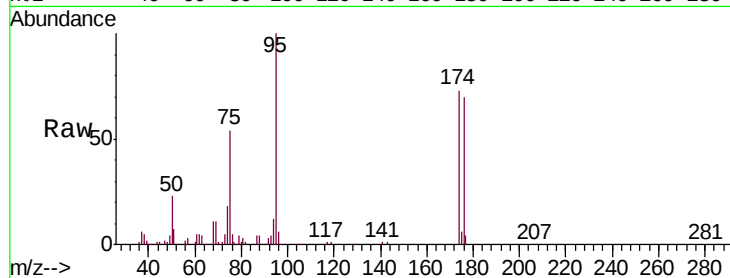
Tgt Ion: 95 Resp: 111460

Ion Ratio Lower Upper

95 100

174 72.9 0.0 149.4

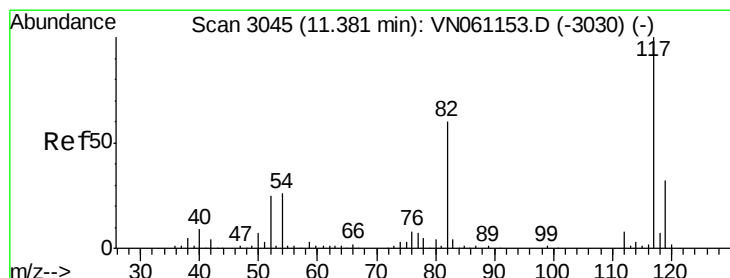
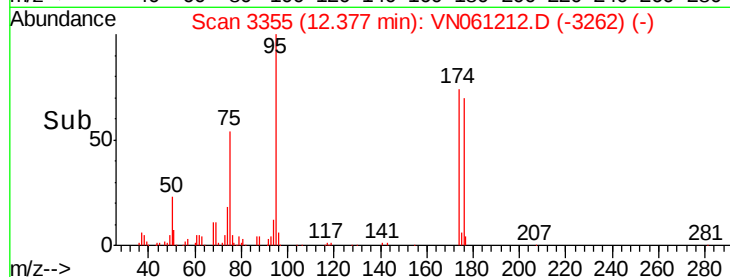
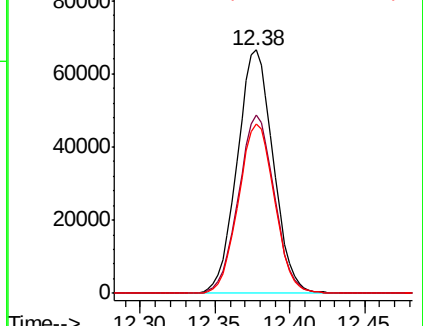
176 69.9 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

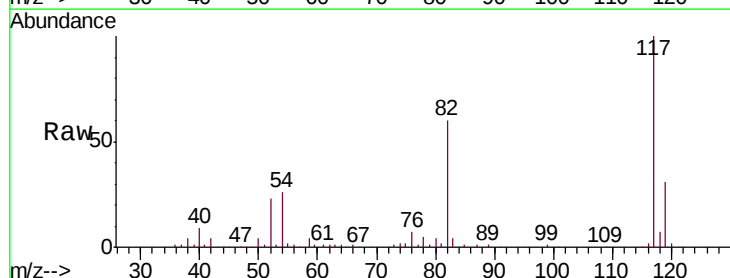
Tgt Ion: 117 Resp: 217009

Ion Ratio Lower Upper

117 100

82 60.1 47.8 71.8

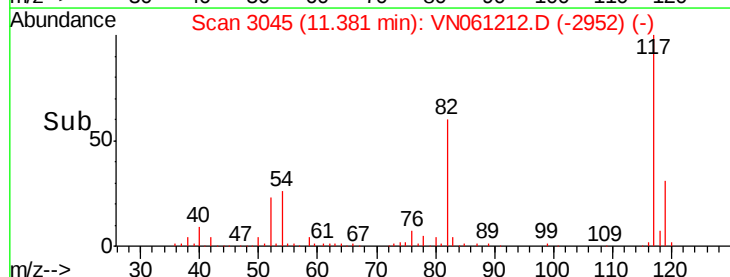
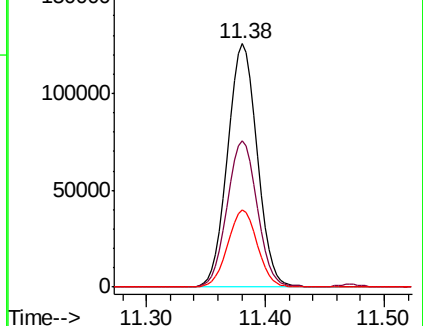
119 31.5 25.8 38.6

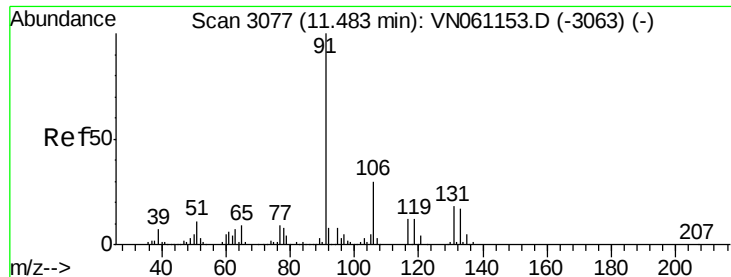


Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

Ion 82.00 (81.70 to 82.70): VN061153.D (-3030) (-)

Ion 118.90 (118.60 to 119.60): VN061153.D (-3030) (-)

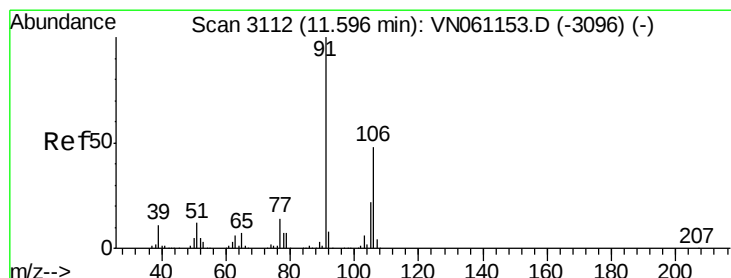
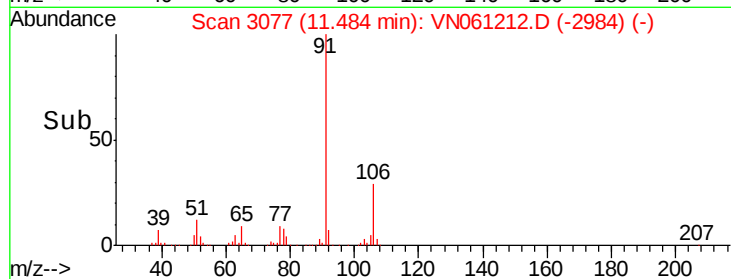
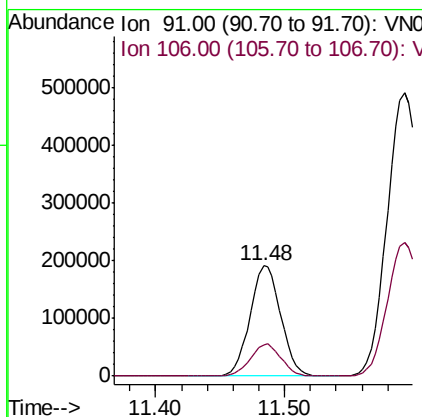
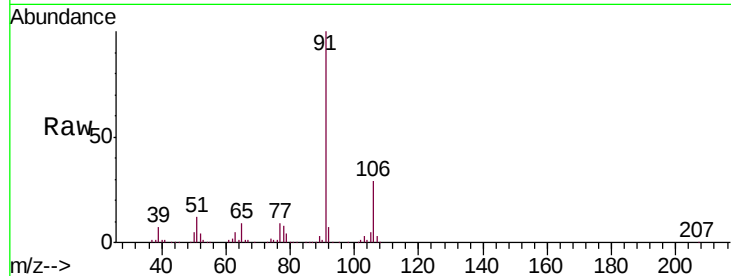




#67
Ethyl Benzene
Concen: 39.584 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061212.D
Acq: 30 Apr 2020 19:24

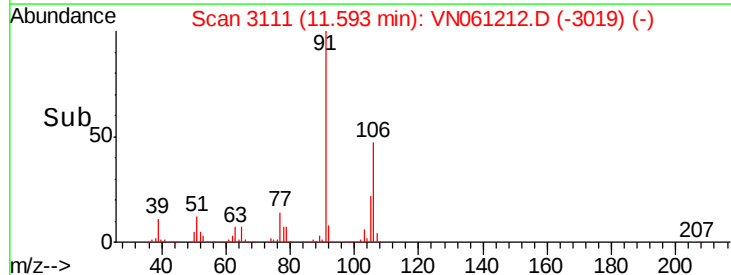
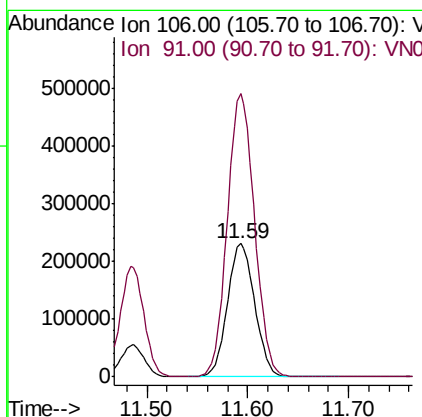
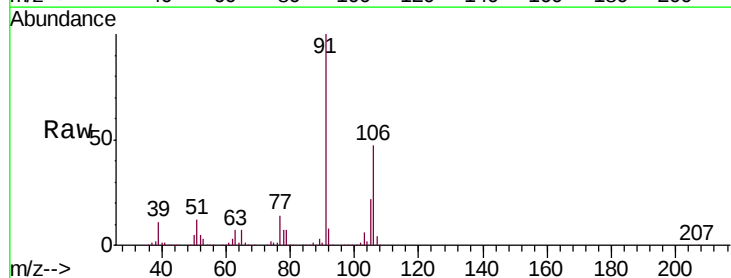
Instrument :
MSVOA_N
ClientSampled :
MW-4

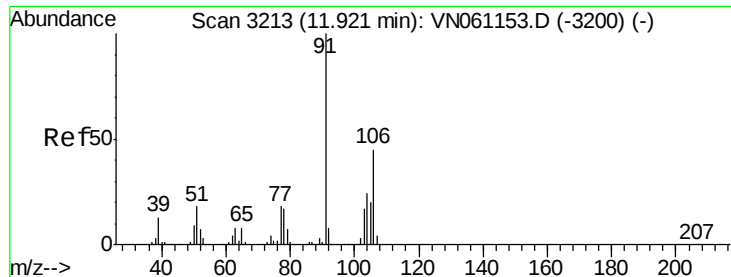
Tgt Ion: 91 Resp: 318980
Ion Ratio Lower Upper
91 100
106 28.9 23.8 35.6



#68
m/p-Xylenes
Concen: 147.903 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061212.D
Acq: 30 Apr 2020 19:24

Tgt Ion: 106 Resp: 436256
Ion Ratio Lower Upper
106 100
91 212.2 166.4 249.6

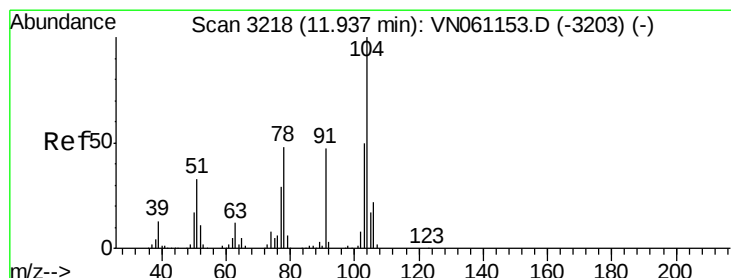
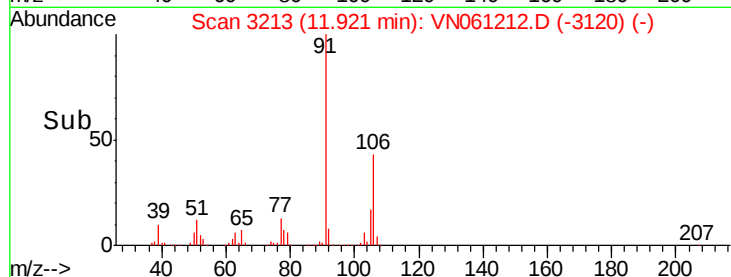
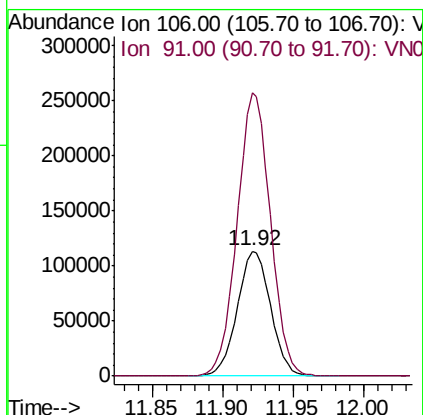
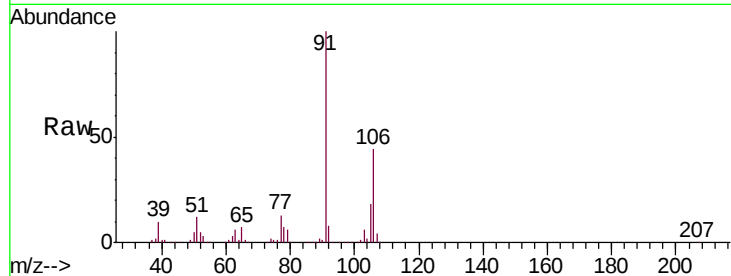




#69
o-Xylene
Concen: 66.462 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061212.D
Acq: 30 Apr 2020 19:24

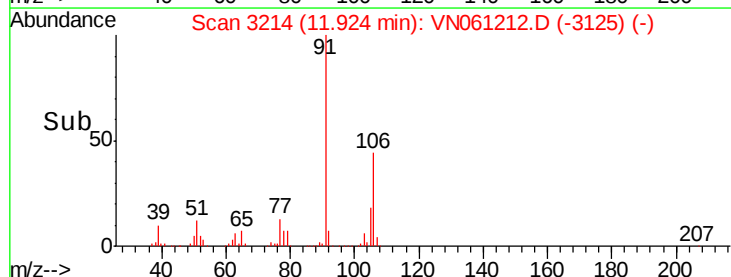
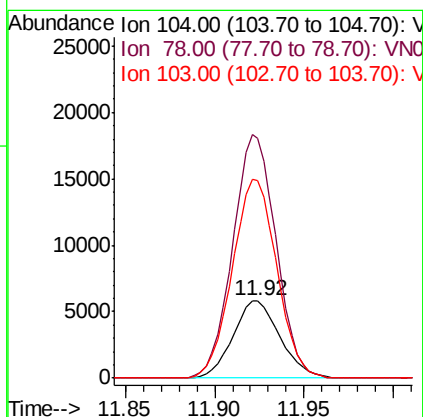
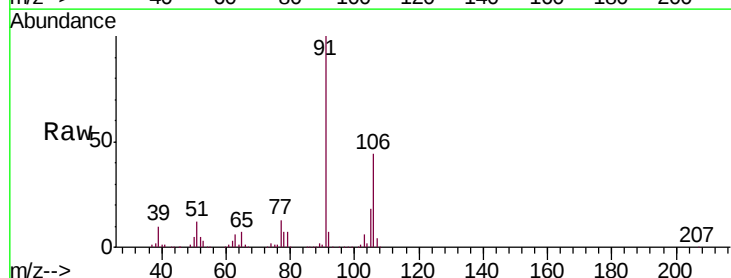
Instrument :
MSVOA_N
ClientSampled :
MW-4

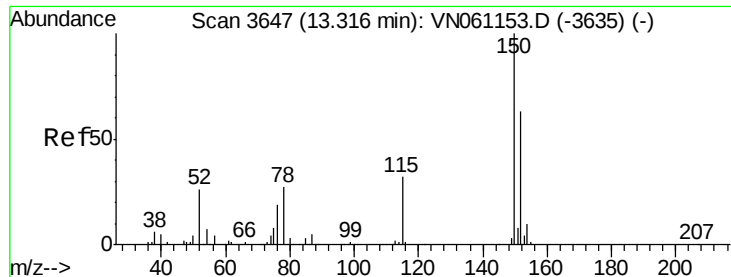
Tgt Ion:106 Resp: 188308
Ion Ratio Lower Upper
106 100
91 225.9 109.7 329.0



#70
Styrene
Concen: 2.246 ug/l
RT: 11.92 min Scan# 3214
Delta R.T. -0.01 min
Lab File: VN061212.D
Acq: 30 Apr 2020 19:24

Tgt Ion:104 Resp: 10653
Ion Ratio Lower Upper
104 100
78 289.3 42.1 63.1#
103 243.5 43.3 64.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

MW-4

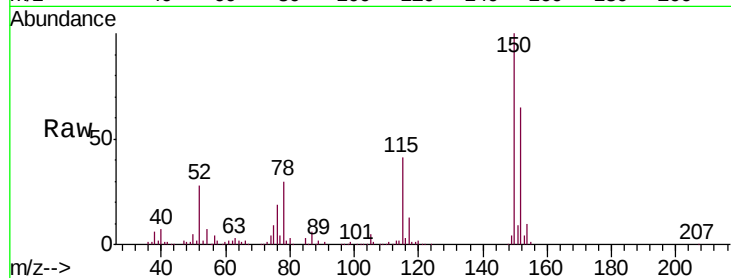
Tgt Ion:152 Resp: 104159

Ion Ratio Lower Upper

152 100

115 75.4 31.0 93.0

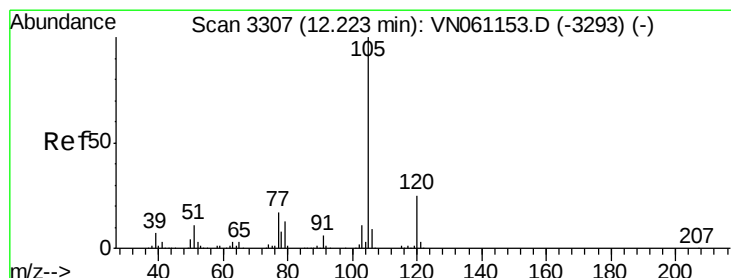
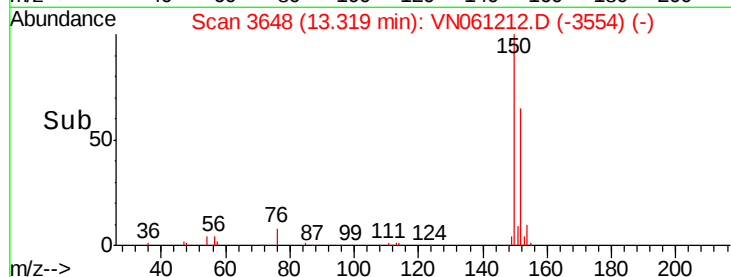
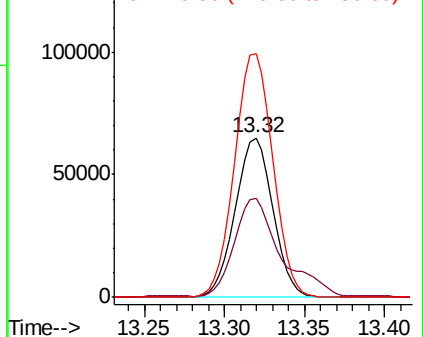
150 155.8 0.0 351.8



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: 18.056 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061212.D

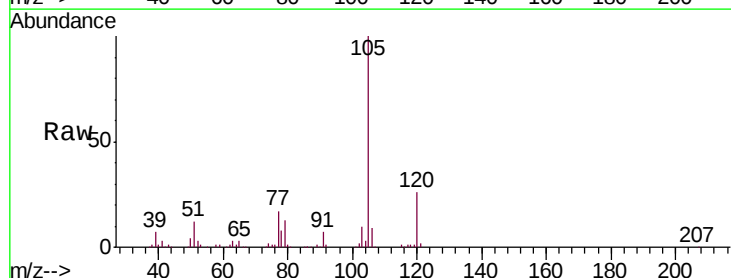
Acq: 30 Apr 2020 19:24

Tgt Ion:105 Resp: 138262

Ion Ratio Lower Upper

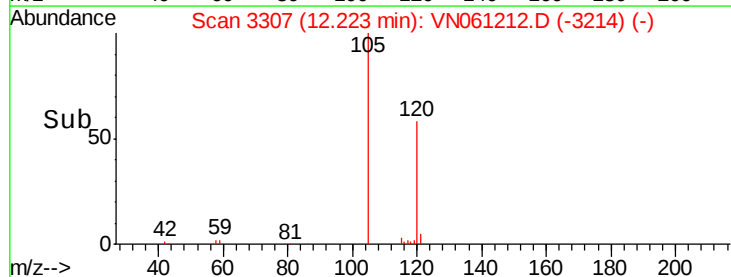
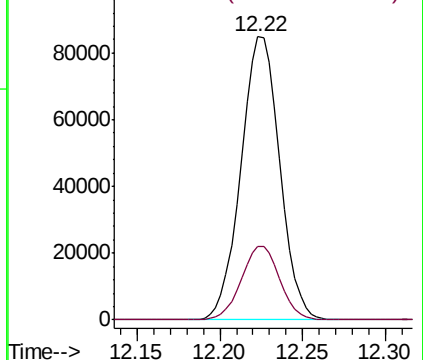
105 100

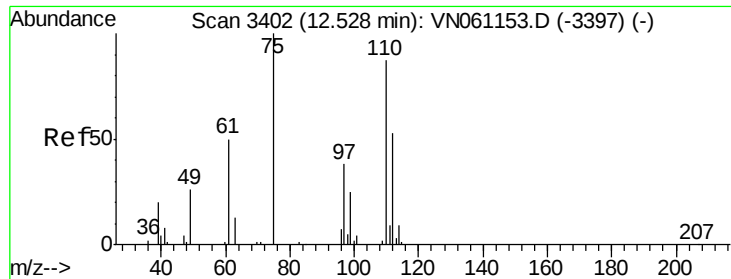
120 25.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

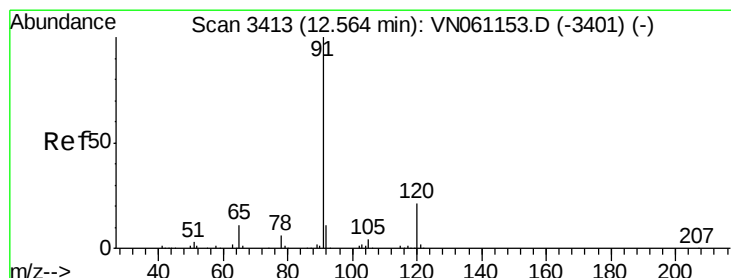
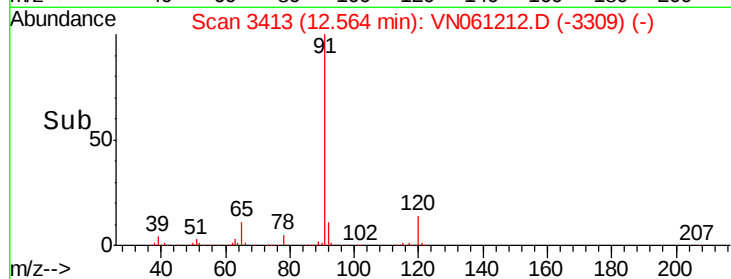
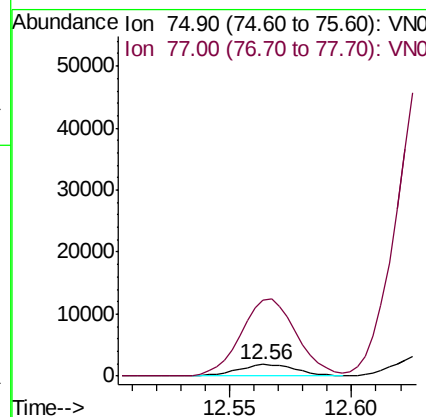
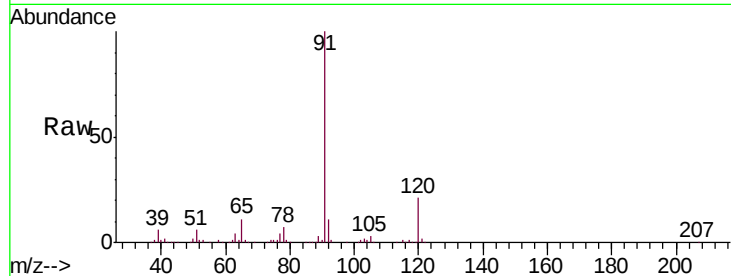




#76
 1,2,3-Trichloropropane
 Concen: 1.393 ug/l
 RT: 12.56 min Scan# 3413
 Delta R.T. 0.04 min
 Lab File: VN061212.D
 Acq: 30 Apr 2020 19:24

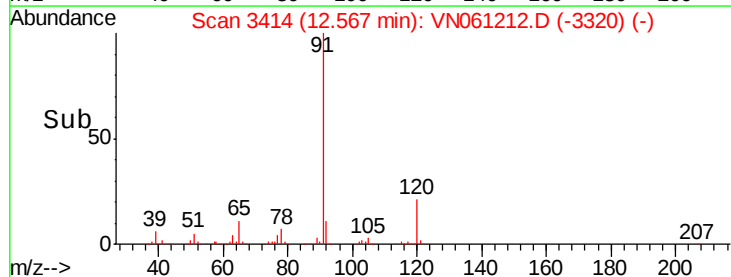
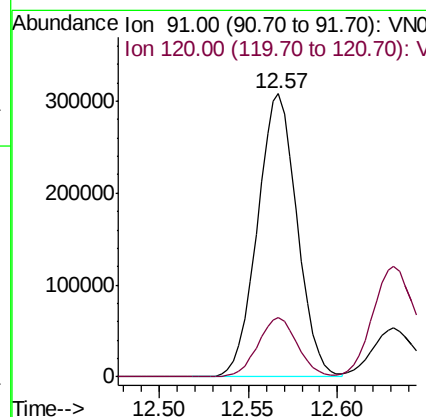
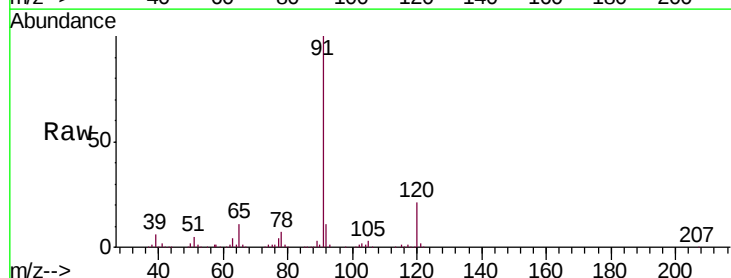
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

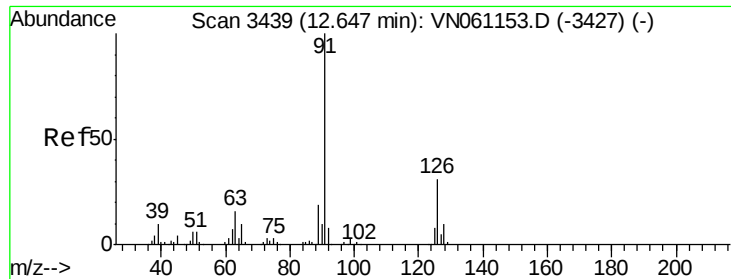
Tgt Ion: 75 Resp: 3060
 Ion Ratio Lower Upper
 75 100
 77 645.4 0.0 0.0#



#78
 n-propylbenzene
 Concen: 52.780 ug/l
 RT: 12.57 min Scan# 3414
 Delta R.T. 0.00 min
 Lab File: VN061212.D
 Acq: 30 Apr 2020 19:24

Tgt Ion: 91 Resp: 479369
 Ion Ratio Lower Upper
 91 100
 120 20.8 10.8 32.3

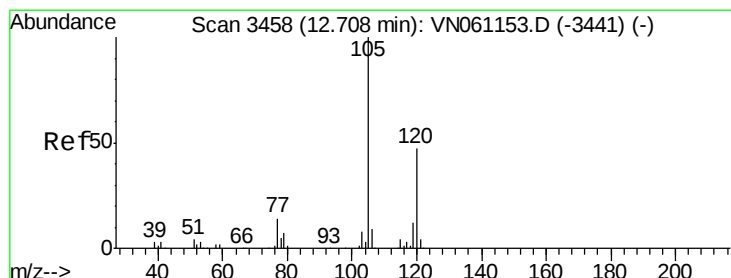
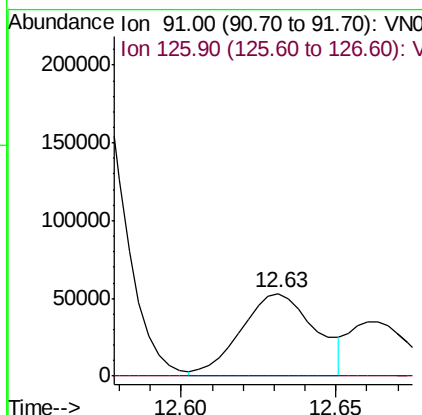
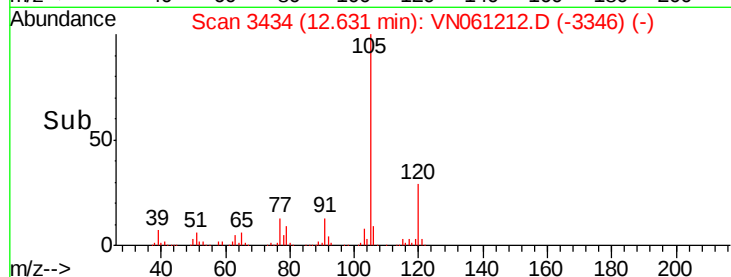
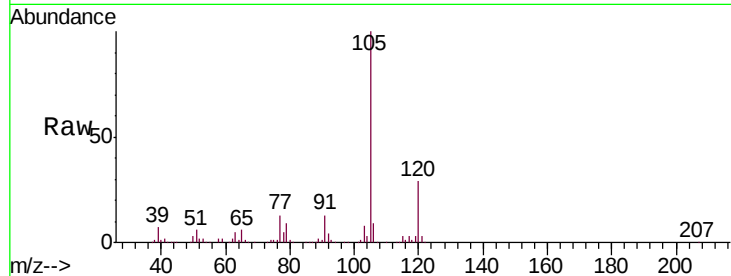




#79
 2-Chlorotoluene
 Concen: 16.659 ug/l
 RT: 12.63 min Scan# 3434
 Delta R.T. -0.02 min
 Lab File: VN061212.D
 Acq: 30 Apr 2020 19:24

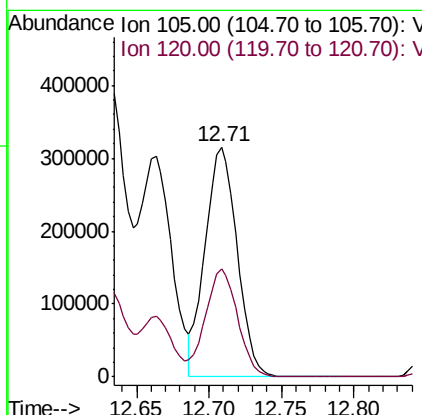
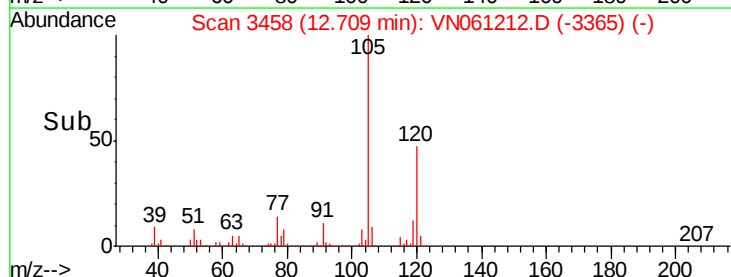
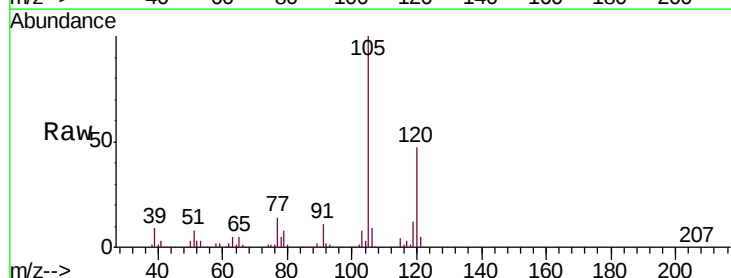
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

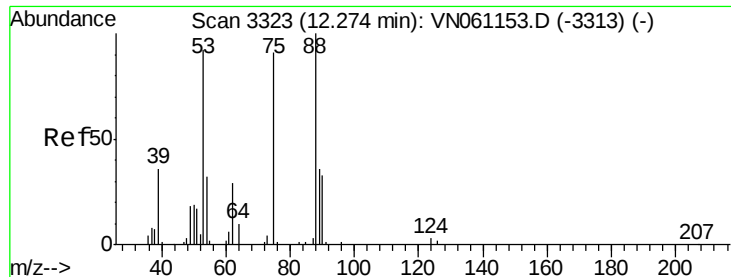
Tgt Ion: 91 Resp: 88932
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.9 47.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 76.513 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061212.D
 Acq: 30 Apr 2020 19:24

Tgt Ion: 105 Resp: 484905
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 2.112 ug/l

RT: 12.23 min Scan# 3308

Delta R.T. -0.05 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

Instrument :

MSVOA_N

ClientSampleId :

MW-4

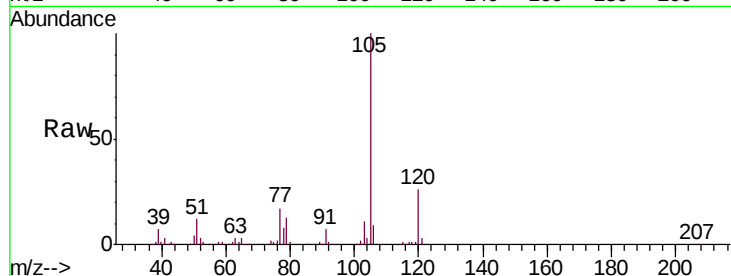
Tgt Ion: 75 Resp: 1826

Ion Ratio Lower Upper

75 100

53 120.9 84.1 126.1

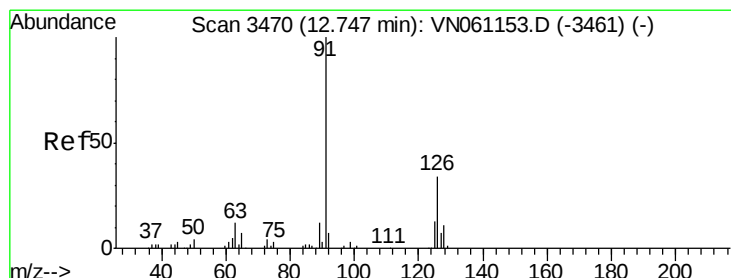
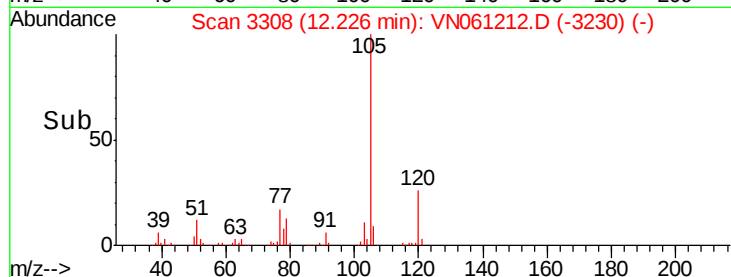
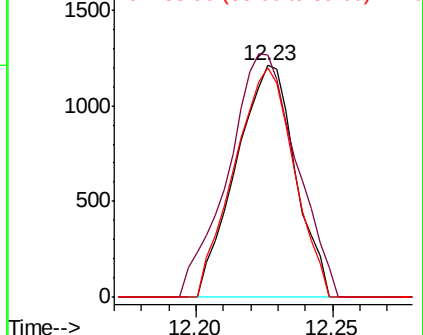
89 99.3 35.2 52.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 9.501 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. -0.04 min

Lab File: VN061212.D

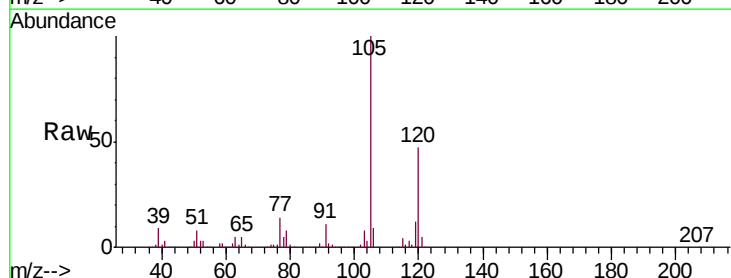
Acq: 30 Apr 2020 19:24

Tgt Ion: 91 Resp: 53458

Ion Ratio Lower Upper

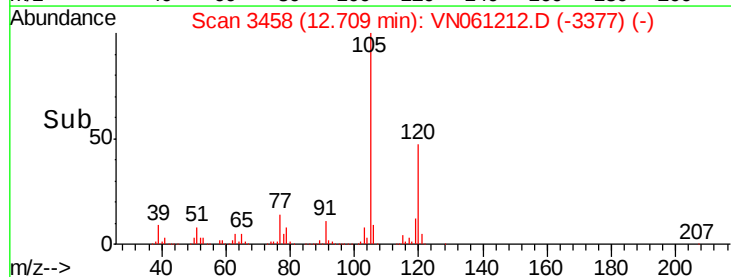
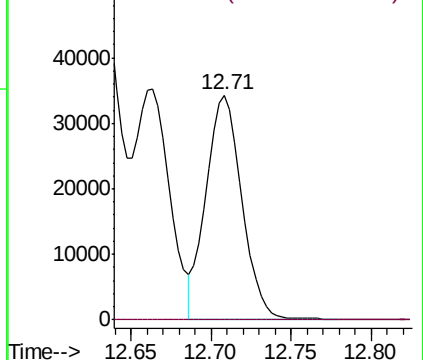
91 100

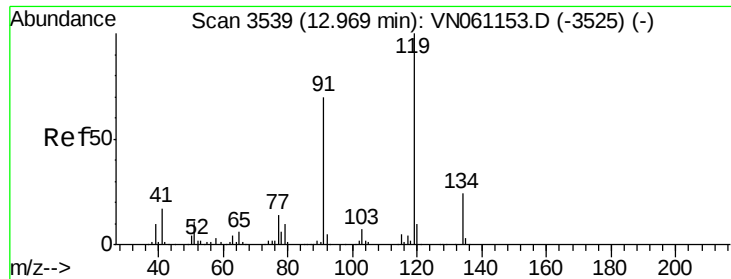
126 0.0 15.7 47.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

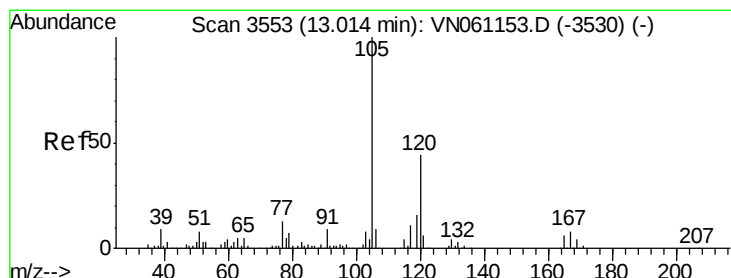
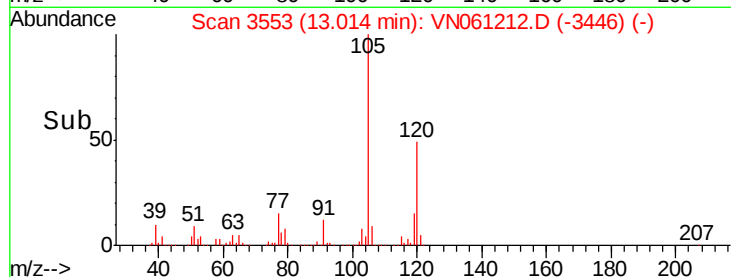
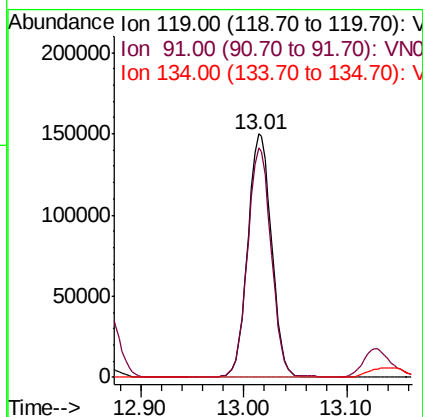
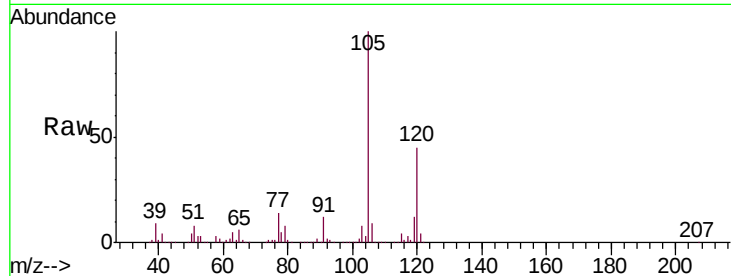




#83
 tert-Butylbenzene
 Concen: 44.820 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.05 min
 Lab File: VN061212.D
 Acq: 30 Apr 2020 19:24

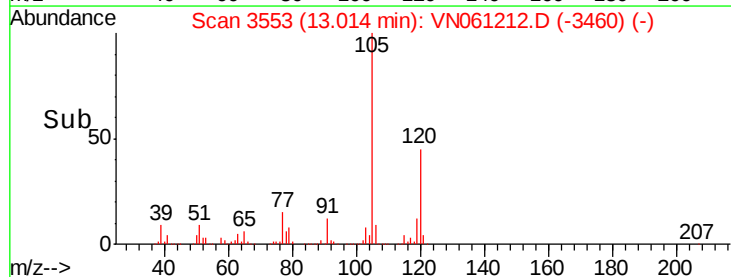
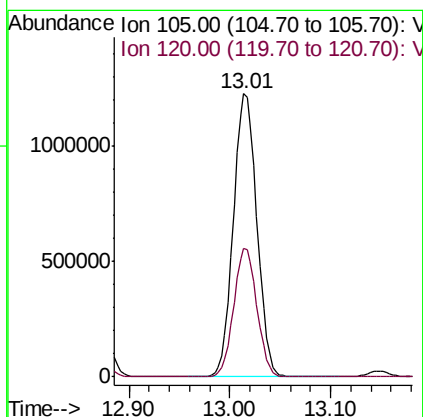
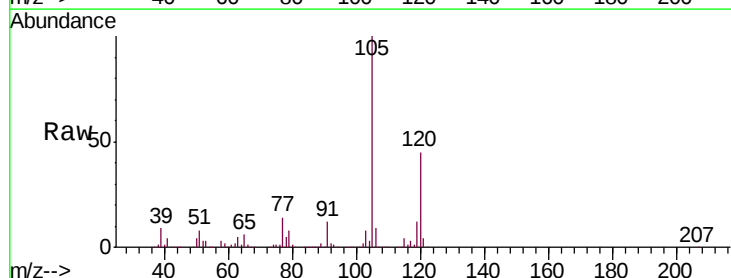
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

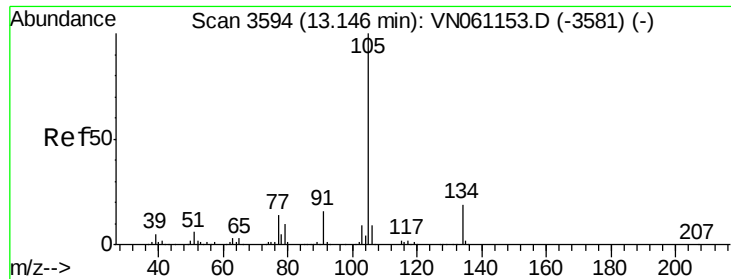
Tgt Ion:119 Resp: 239515
 Ion Ratio Lower Upper
 119 100
 91 94.0 34.8 104.4
 134 0.0 12.9 38.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 305.662 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061212.D
 Acq: 30 Apr 2020 19:24

Tgt Ion:105 Resp: 1995795
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 273.932 ug/l

RT: 13.01 min Scan# 3553

Delta R.T. -0.13 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

Instrument :

MSVOA_N

ClientSampleId :

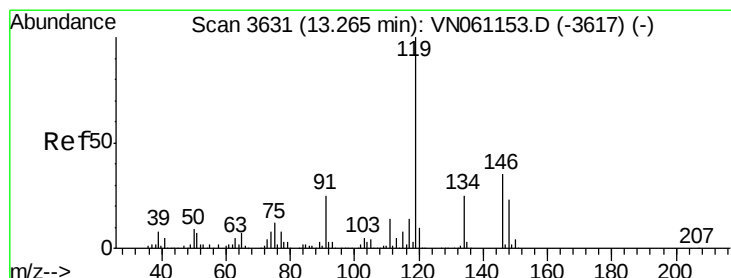
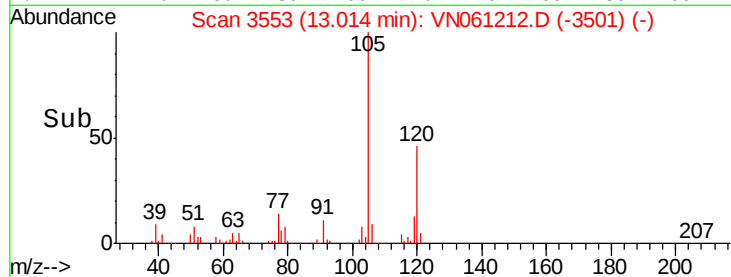
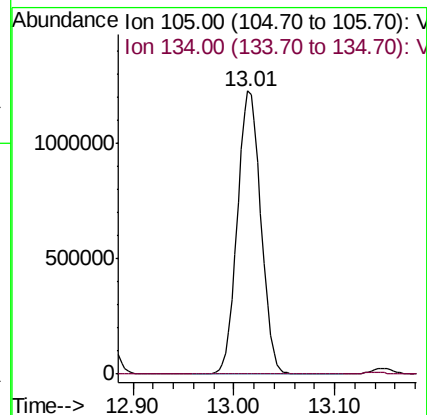
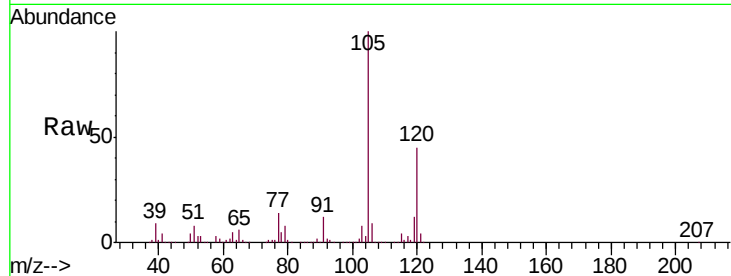
MW-4

Tgt Ion:105 Resp: 1995795

Ion Ratio Lower Upper

105 100

134 0.0 9.6 28.8#



#86

p-Isopropyltoluene

Concen: 5.934 ug/l

RT: 13.21 min Scan# 3614

Delta R.T. -0.05 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

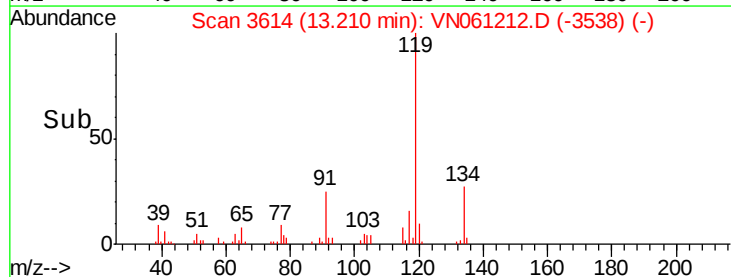
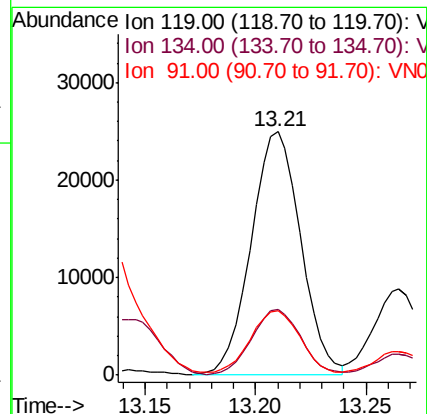
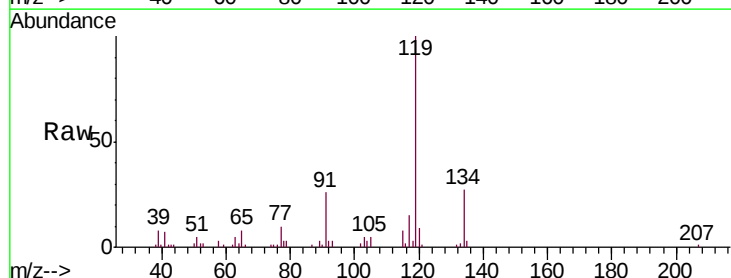
Tgt Ion:119 Resp: 38951

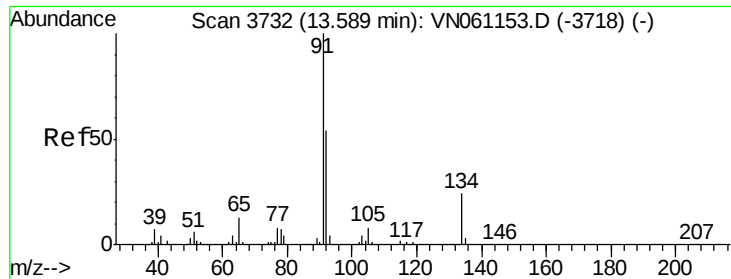
Ion Ratio Lower Upper

119 100

134 26.9 12.6 37.6

91 24.8 12.7 38.0

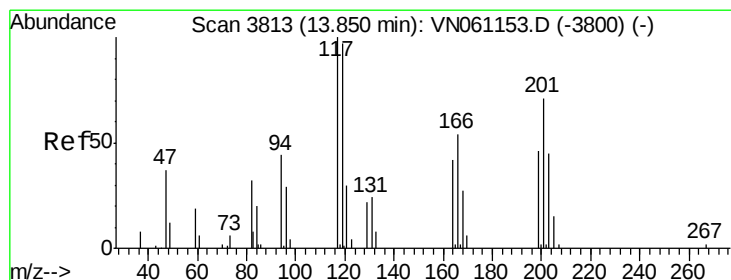
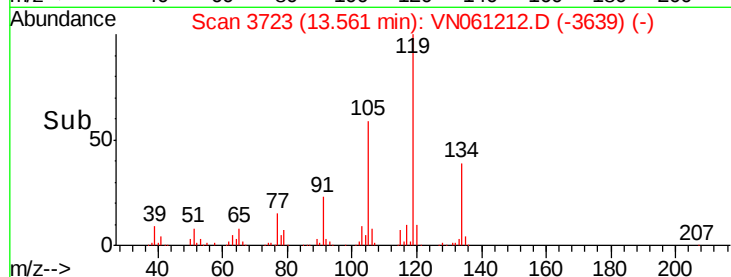
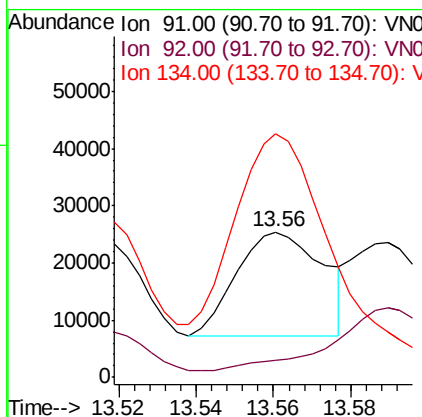
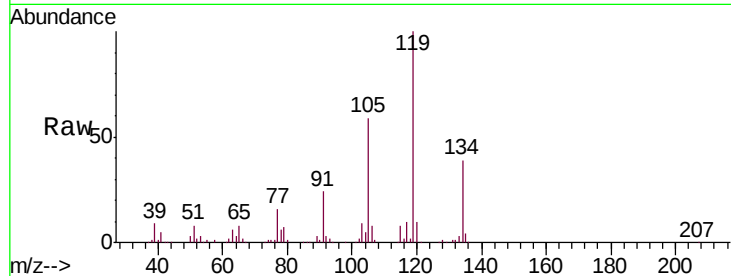




#89
n-Butylbenzene
Concen: 4.650 ug/l
RT: 13.56 min Scan# 3723
Delta R.T. -0.03 min
Lab File: VN061212.D
Acq: 30 Apr 2020 19:24

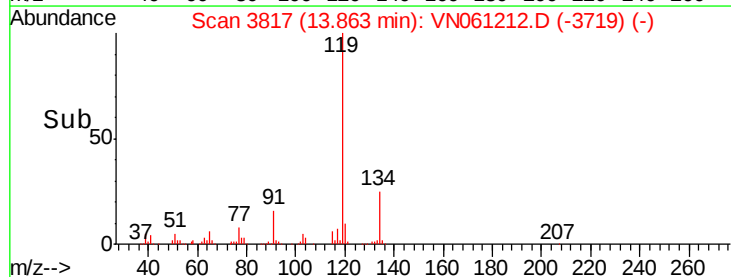
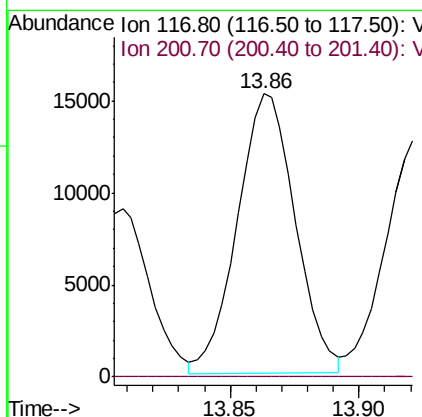
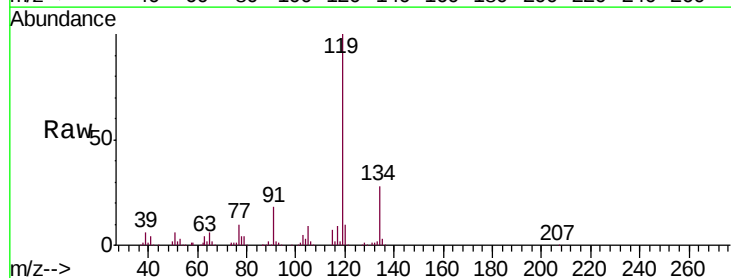
Instrument :
MSVOA_N
ClientSampled :
MW-4

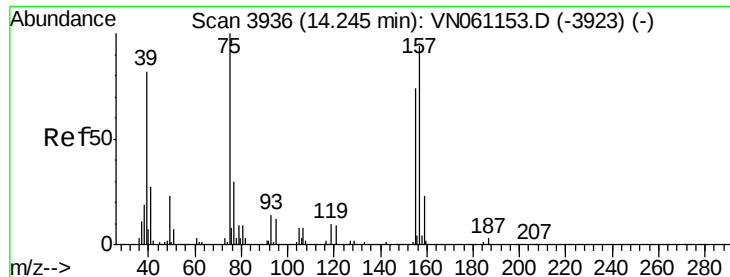
Tgt Ion: 91 Resp: 27985
Ion Ratio Lower Upper
91 100
92 0.0 26.8 80.3#
134 285.0 11.9 35.5#



#90
Hexachloroethane
Concen: 37.051 ug/l
RT: 13.86 min Scan# 3817
Delta R.T. 0.01 min
Lab File: VN061212.D
Acq: 30 Apr 2020 19:24

Tgt Ion: 117 Resp: 23773
Ion Ratio Lower Upper
117 100
201 0.0 35.5 106.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.311 ug/l

RT: 14.22 min Scan# 3929

Delta R.T. -0.02 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

Instrument :

MSVOA_N

ClientSampleId :

MW-4

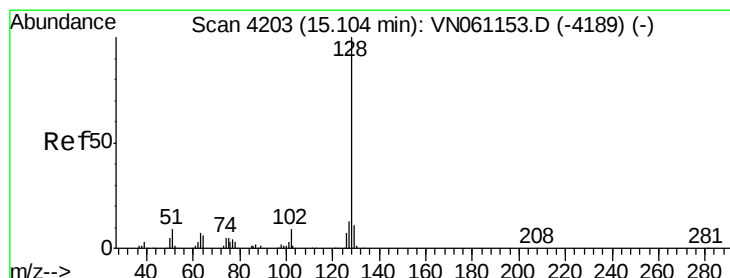
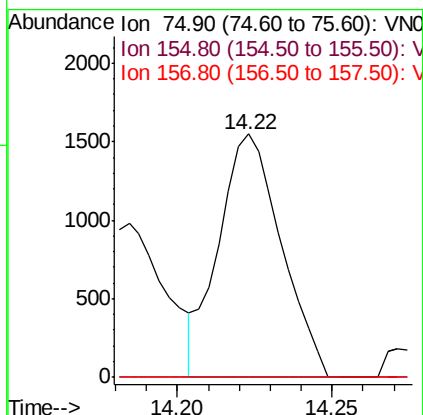
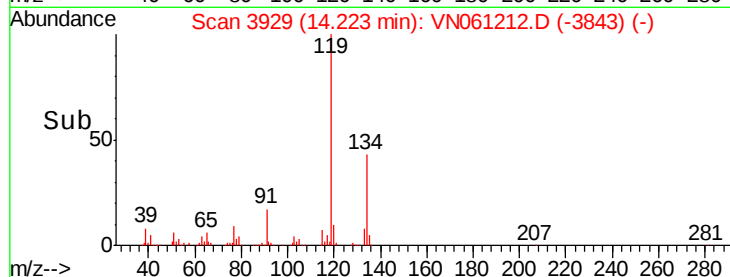
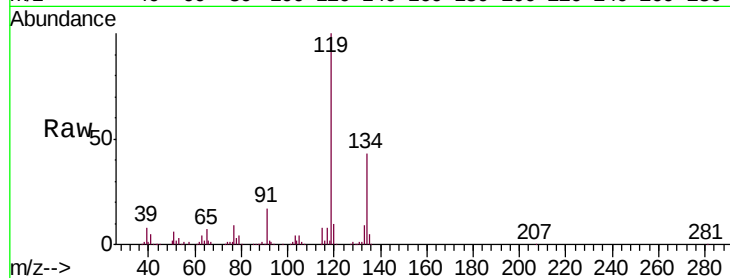
Tgt Ion: 75 Resp: 2174

Ion Ratio Lower Upper

75 100

155 0.0 36.5 109.7#

157 0.0 46.6 139.7#



#95

Naphthalene

Concen: 16.308 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061212.D

Acq: 30 Apr 2020 19:24

Tgt Ion: 128 Resp: 100912

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.3 8.7 13.1

