

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062105.D
 Acq On : 25 Jun 2020 12:48
 Operator : JC/MD
 Sample : L3020-17
 Misc : 5.34g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)

Quant Time: Jun 26 01:44:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	230586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	426450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	471989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	280791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	156295	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	7.54	113	126625	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	10.06	98	641821	58.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.38%	
62) 4-Bromofluorobenzene	12.37	95	333885	90.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.72%	

Target Compounds

						Qvalue
3) Chloromethane	2.03	50	389	Below Cal	#	41
11) Tert butyl alcohol	4.68	59	5480	11.795	ug/l #	72
14) Allyl chloride	4.45	41	2006	0.556	ug/l #	33
16) Acetone	3.78	43	823	Below Cal	#	40
17) Carbon Disulfide	3.98	76	2416	0.369	ug/l #	75
18) Methyl Acetate	4.28	43	5673	2.205	ug/l #	69
20) Methylene Chloride	4.48	84	2104	0.494	ug/l #	78
25) 2-Butanone	6.79	43	2102	1.329	ug/l	91
31) Cyclohexane	7.59	56	120282	26.905	ug/l #	74
36) 1,1-Dichloropropene	7.62	75	19541	4.559	ug/l #	51
38) Carbon Tetrachloride	7.62	117	23074	5.710	ug/l #	16
39) Methylcyclohexane	9.04	83	680343	144.858	ug/l	97
41) Methacrylonitrile	7.15	41	1477	0.898	ug/l #	26
43) Isopropyl Acetate	8.10	43	22586	3.903	ug/l #	58
45) 1,2-Dichloropropane	9.11	63	998	0.310	ug/l #	1
46) Dibromomethane	9.12	93	1393	0.637	ug/l #	1
47) Bromodichloromethane	9.35	83	43979	9.967	ug/l #	28
48) Methyl methacrylate	9.18	41	33927	13.077	ug/l #	22
49) 1,4-Dioxane	9.17	88	96	1.669	ug/l #	28
51) 4-Methyl-2-Pentanone	9.99	43	323632	95.732	ug/l #	77
52) Toluene	10.12	92	5175	0.649	ug/l	94
55) 1,1,2-Trichloroethane	10.50	97	343270	109.546	ug/l #	24
56) Ethyl methacrylate	10.40	69	52485	12.551	ug/l #	19
58) 2-Chloroethyl Vinyl ether	9.63	63	4828	18.639	ug/l #	46
59) 2-Hexanone	10.69	43	408397	167.299	ug/l #	27
60) Dibromochloromethane	10.79	129	2555	0.770	ug/l #	42
61) 1,2-Dibromoethane	10.95	107	3705	1.151	ug/l #	1
65) Chlorobenzene	11.52	112	12399	1.196	ug/l #	42
67) Ethyl Benzene	11.48	91	4854003	277.290	ug/l #	85
68) m/p-Xylenes	11.60	106	1340410	197.973	ug/l	98
69) o-Xylene	11.92	106	5226	0.818	ug/l	90
71) Bromoform	12.38	173	1852	0.727	ug/l #	1
73) Isopropylbenzene	12.22	105	1193634	54.916	ug/l	98
74) N-amyl acetate	12.02	43	374717	47.045	ug/l #	50

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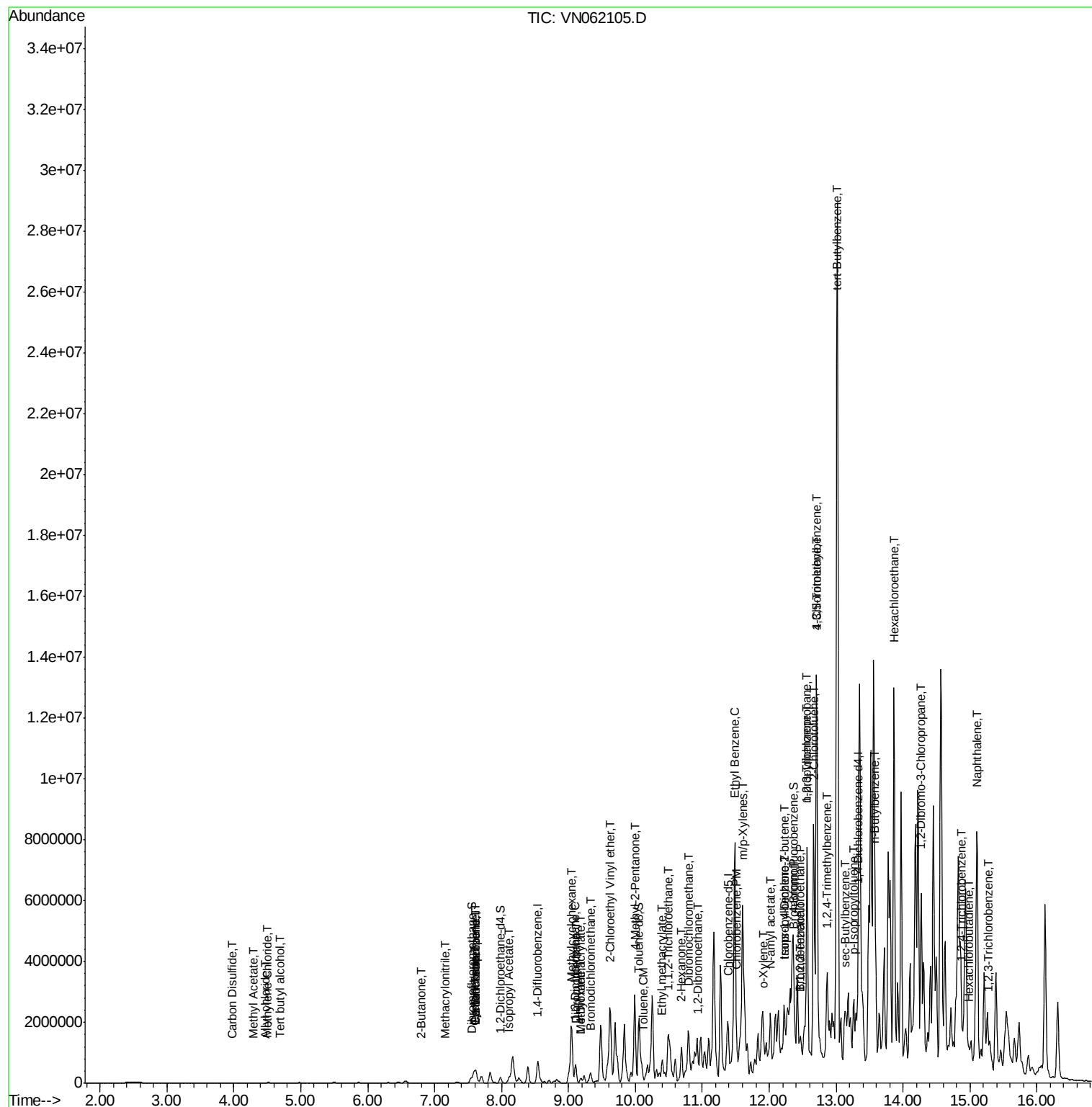
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	12.46	83	9393	1.299	ug/l #	1
76) 1,2,3-Trichloropropane	12.56	75	37023	5.601	ug/l #	100
77) Bromobenzene	12.47	156	1572	0.291	ug/l #	1
78) n-propylbenzene	12.56	91	5073411	204.061	ug/l	91
79) 2-Chlorotoluene	12.66	91	631226	41.997	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.71	105	5298196	300.693	ug/l	82
81) trans-1,4-Dichloro-2-buten	12.22	75	13815	6.104	ug/l #	39
82) 4-Chlorotoluene	12.71	91	734627	47.264	ug/l #	43
83) tert-Butylbenzene	13.02	119	2678948	177.658	ug/l #	56
84) 1,2,4-Trimethylbenzene	12.87	105	1759345	99.975	ug/l	76
85) sec-Butylbenzene	13.15	105	729149	36.594	ug/l #	53
86) p-Isopropyltoluene	13.26	119	386131	22.119	ug/l	97
89) n-Butylbenzene	13.59	91	1794753	123.662	ug/l #	73
90) Hexachloroethane	13.86	117	656450	191.662	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16380	14.137	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.88	180	4064	1.012	ug/l #	1
94) Hexachlorobutadiene	14.98	225	931	0.534	ug/l	85
95) Naphthalene	15.10	128	5437309	377.792	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.28	180	3768	0.918	ug/l #	1

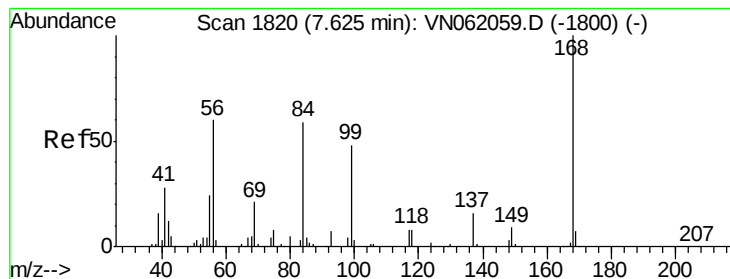
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

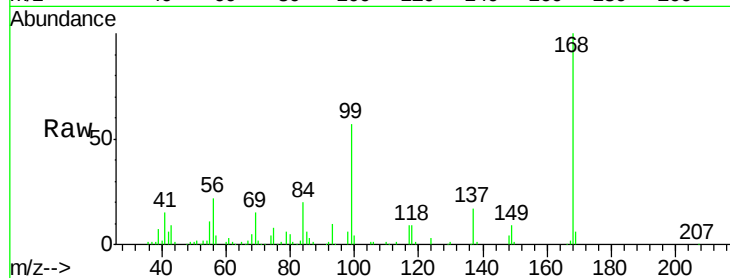
MW-27(16.5-18.5)

Tgt Ion:168 Resp: 230586

Ion Ratio Lower Upper

168 100

99 57.3 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

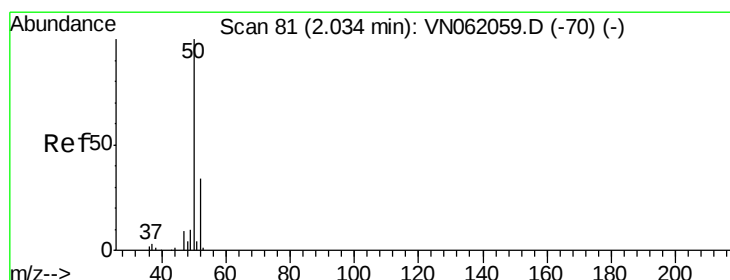
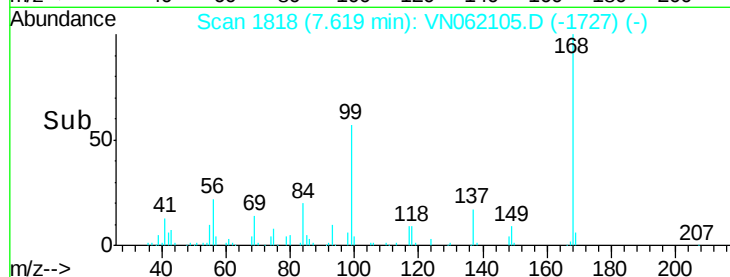
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN062105.D

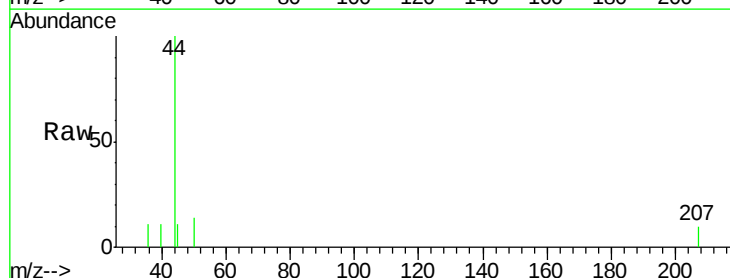
Acq: 25 Jun 2020 12:48

Tgt Ion: 50 Resp: 389

Ion Ratio Lower Upper

50 100

52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

250

200

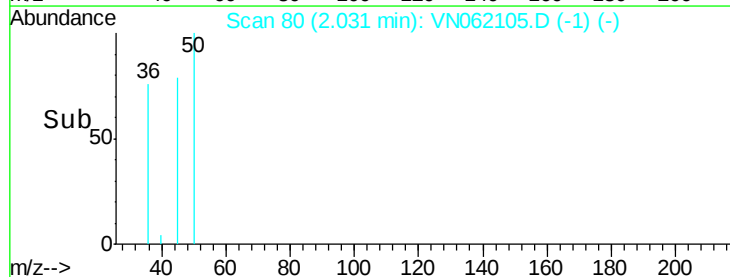
150

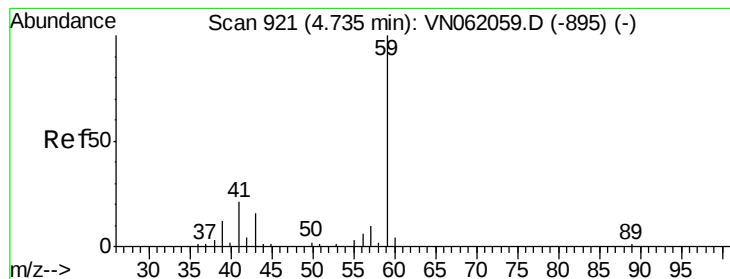
100

50

0

Time--> 2.00 2.02 2.04 2.06





#11

Tert butyl alcohol

Concen: 11.795 ug/l

RT: 4.68 min Scan# 904

Delta R.T. -0.05 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

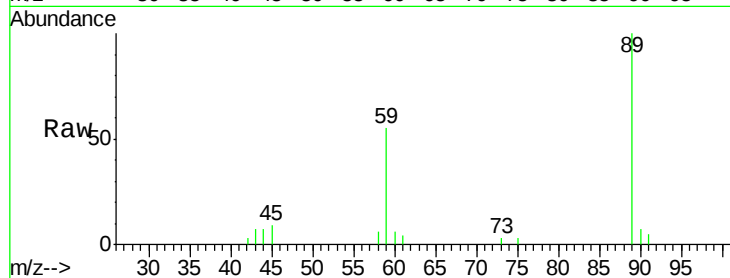
MW-27(16.5-18.5)

Tgt Ion: 59 Resp: 5480

Ion Ratio Lower Upper

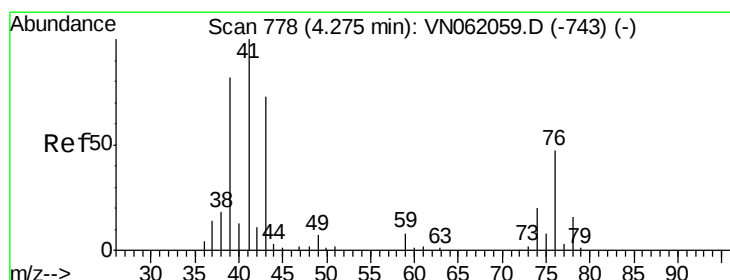
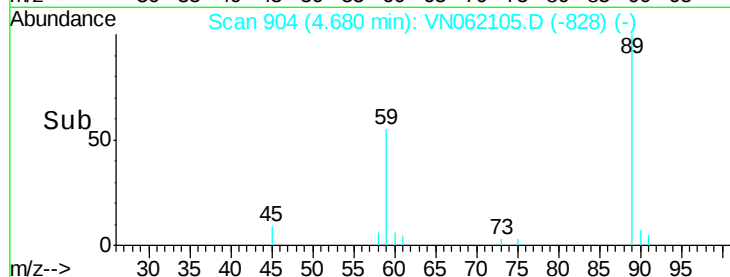
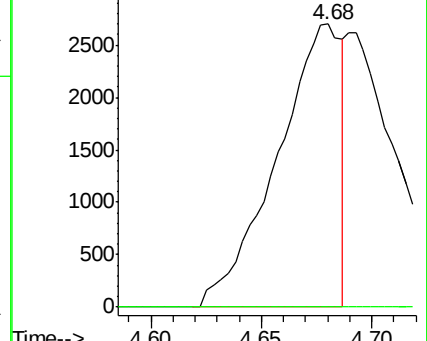
59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN062105.D (-828) (-)

Ion 57.00 (56.70 to 57.70): VN062105.D (-828) (-)



#14

Allyl chloride

Concen: 0.556 ug/l

RT: 4.45 min Scan# 834

Delta R.T. 0.18 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

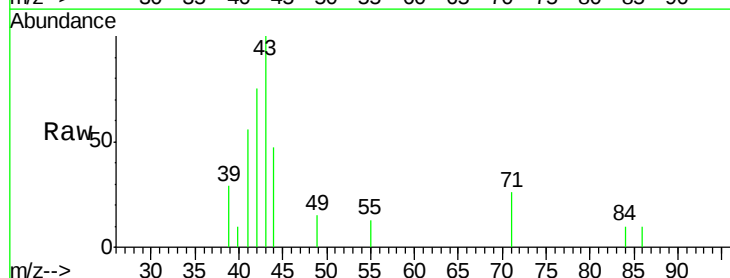
Tgt Ion: 41 Resp: 2006

Ion Ratio Lower Upper

41 100

39 17.4 60.0 90.0#

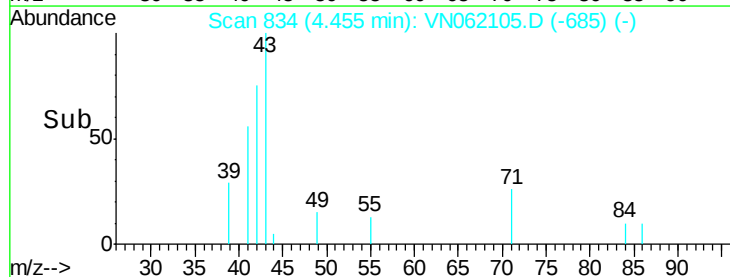
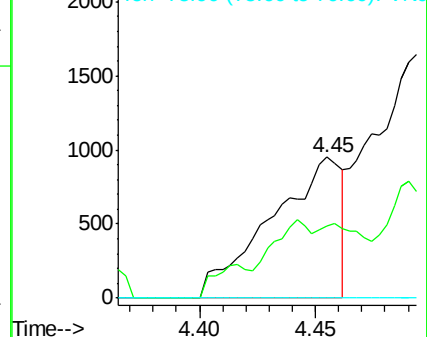
76 0.0 34.1 51.1#

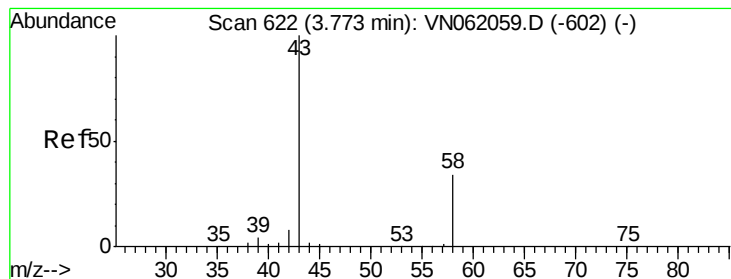


Abundance Ion 41.00 (40.70 to 41.70): VN062105.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062105.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062105.D (-685) (-)





#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

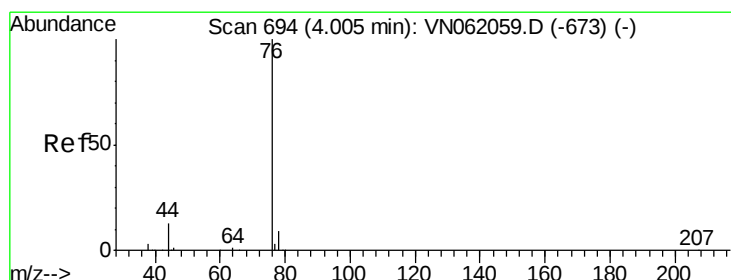
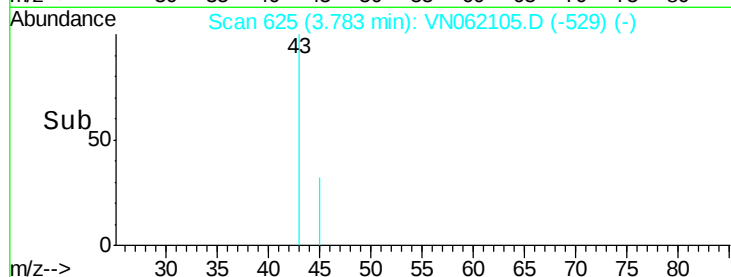
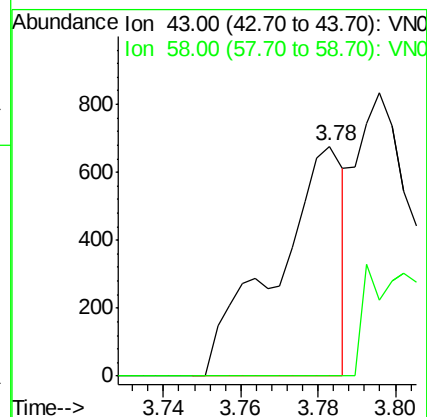
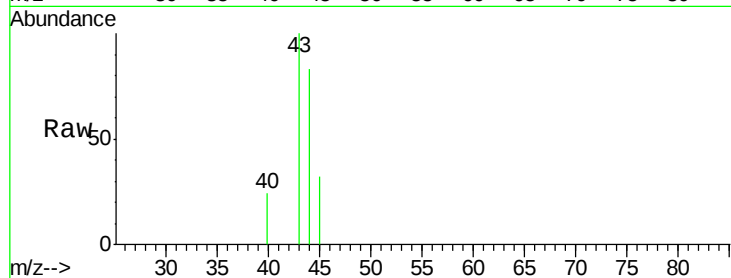
MW-27(16.5-18.5)

Tgt Ion: 43 Resp: 823

Ion Ratio Lower Upper

43 100

58 0.0 27.5 41.3#



#17

Carbon Disulfide

Concen: 0.369 ug/l

RT: 3.98 min Scan# 685

Delta R.T. -0.03 min

Lab File: VN062105.D

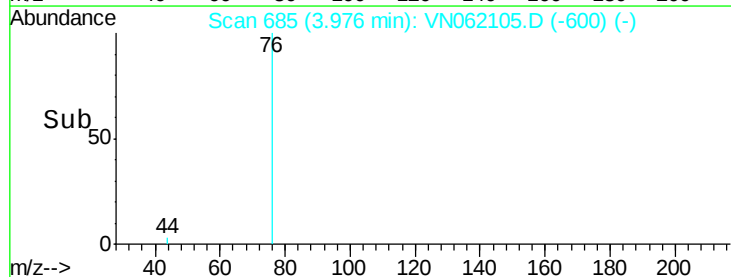
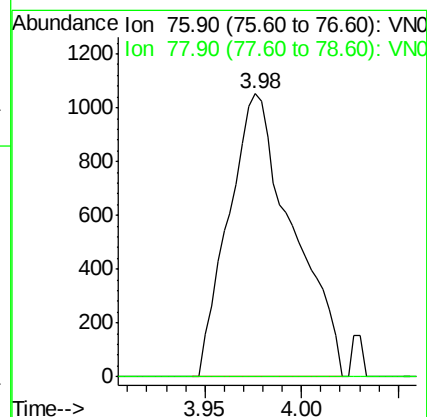
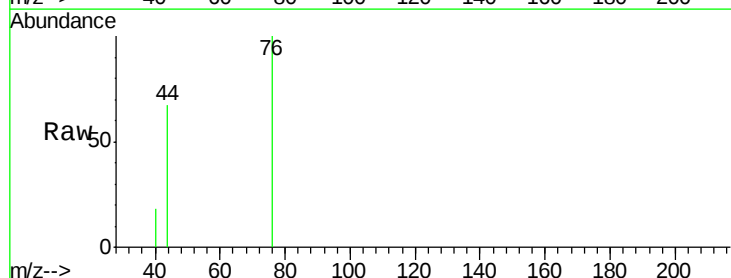
Acq: 25 Jun 2020 12:48

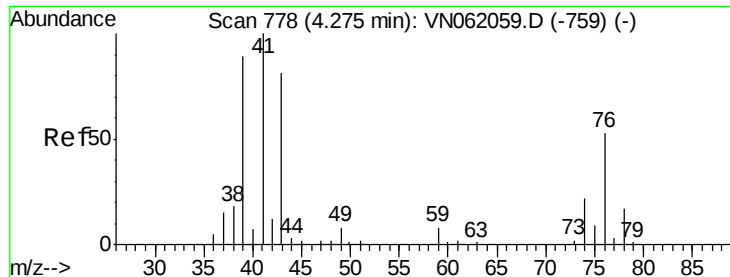
Tgt Ion: 76 Resp: 2416

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

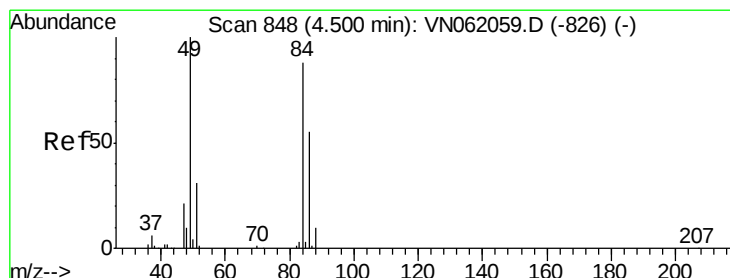
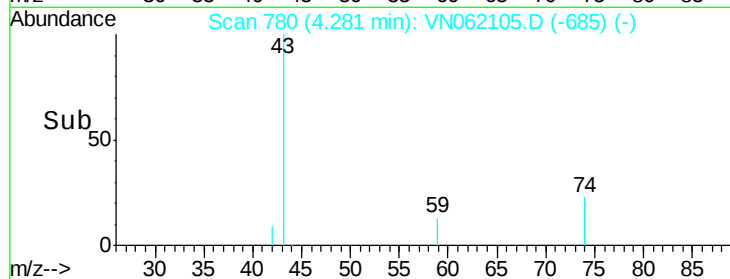
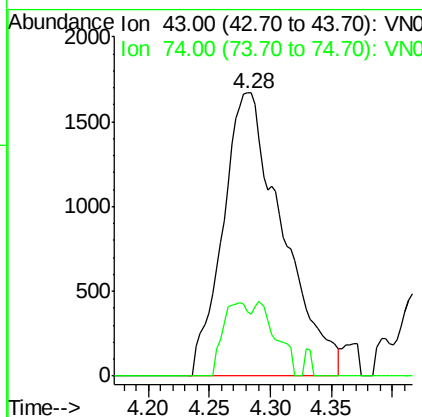
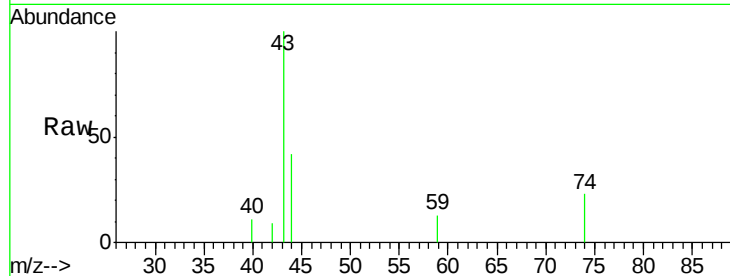




#18
Methyl Acetate
Concen: 2.205 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

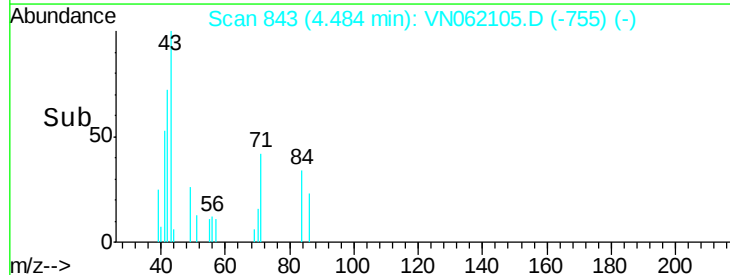
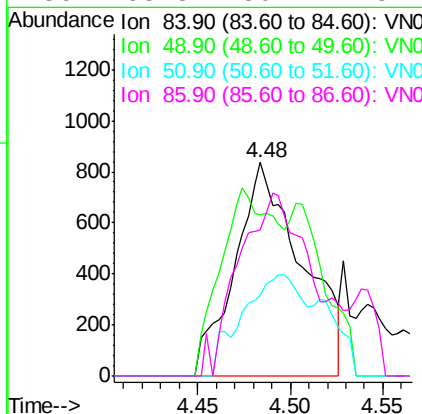
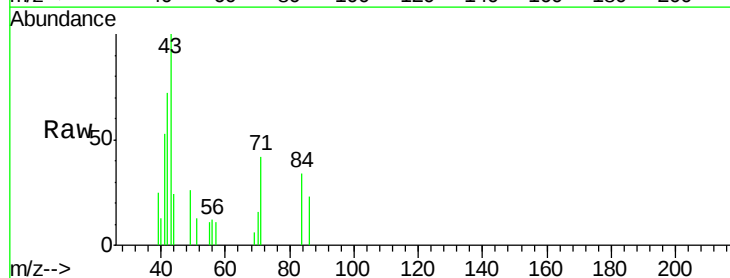
Instrument :
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MW-27(16.5-18.5)

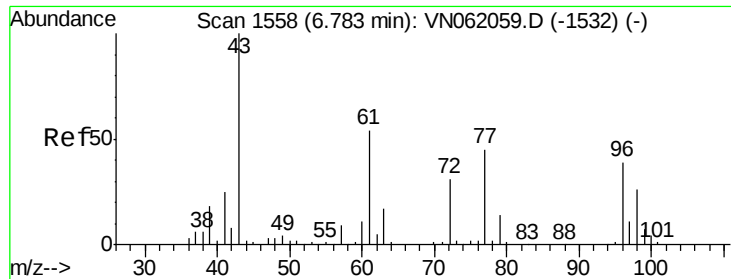
Tgt Ion: 43 Resp: 5673
Ion Ratio Lower Upper
43 100
74 12.0 22.9 34.3#



#20
Methylene Chloride
Concen: 0.494 ug/l
RT: 4.48 min Scan# 843
Delta R.T. -0.02 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

Tgt Ion: 84 Resp: 2104
Ion Ratio Lower Upper
84 100
49 75.3 90.6 136.0#
51 38.0 27.8 41.8
86 68.3 50.1 75.1

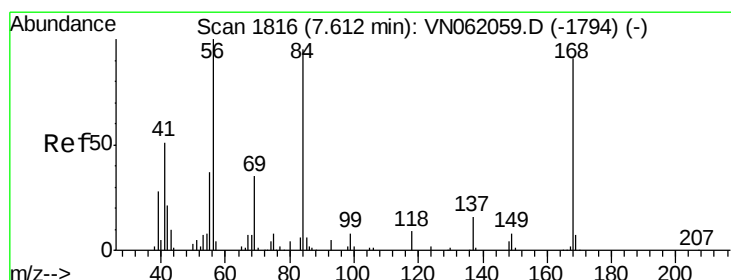
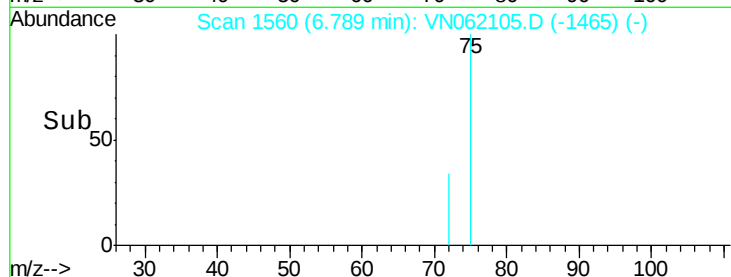
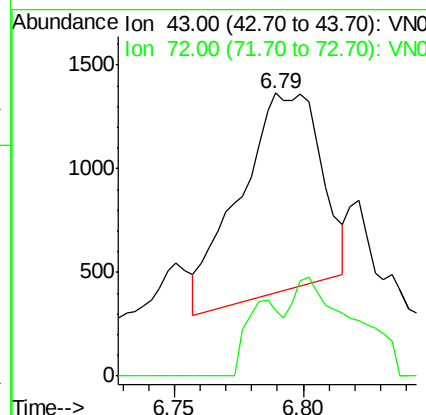
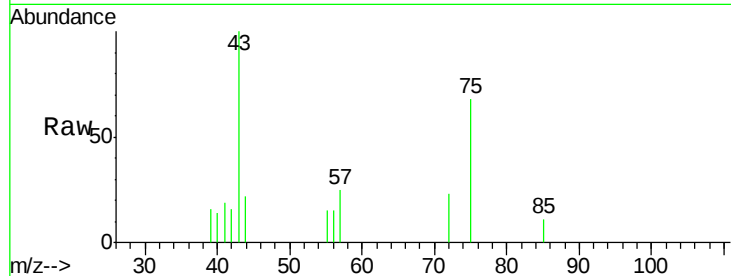




#25
2-Butanone
Concen: 1.329 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

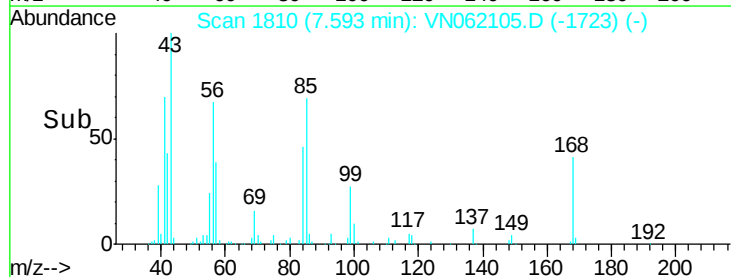
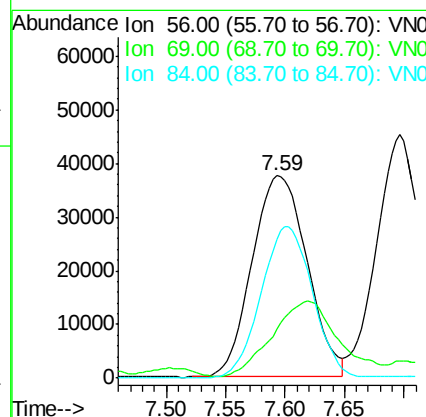
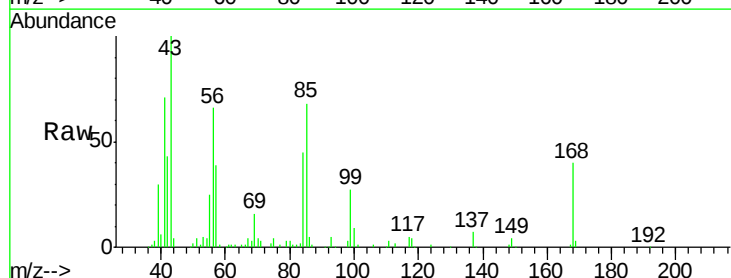
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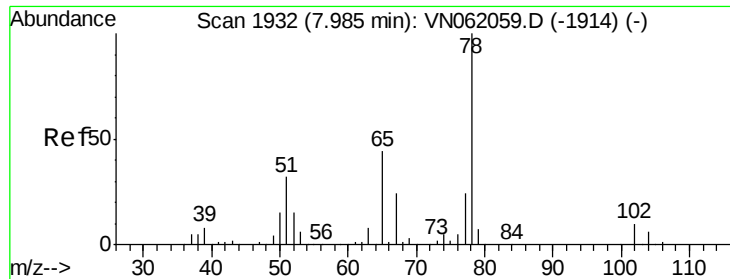
Tgt Ion: 43 Resp: 2102
Ion Ratio Lower Upper
43 100
72 36.1 24.8 37.2



#31
Cyclohexane
Concen: 26.905 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.02 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

Tgt Ion: 56 Resp: 120282
Ion Ratio Lower Upper
56 100
69 21.0 28.0 42.0#
84 69.0 76.1 114.1#

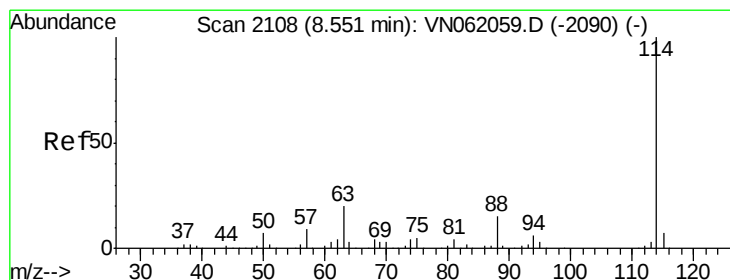
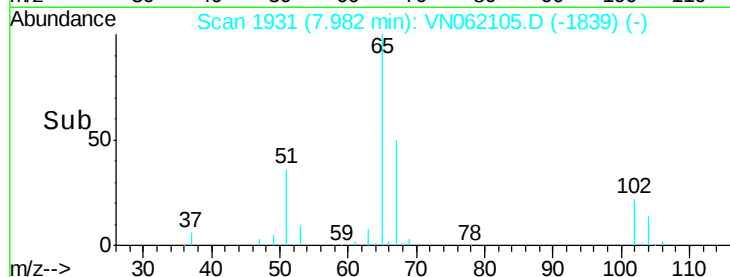
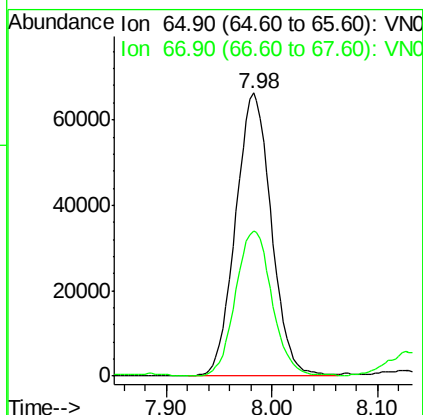
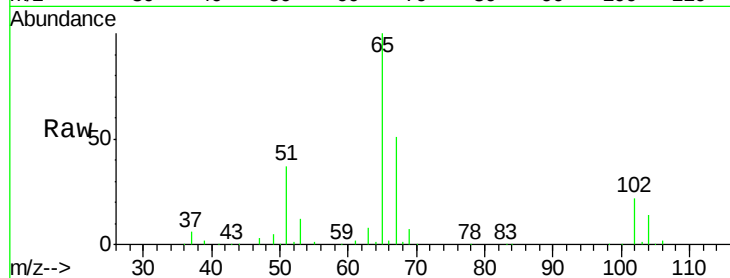




#33
 1,2-Dichloroethane-d4
 Concen: 48.300 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN062105.D
 Acq: 25 Jun 2020 12:48

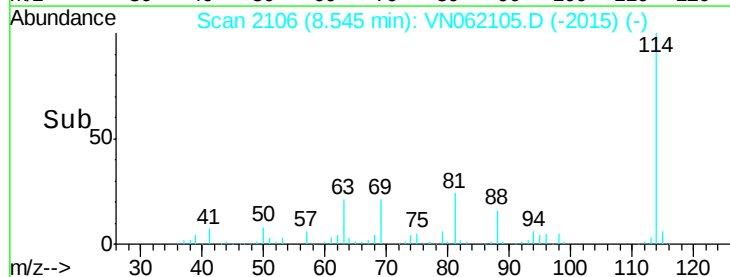
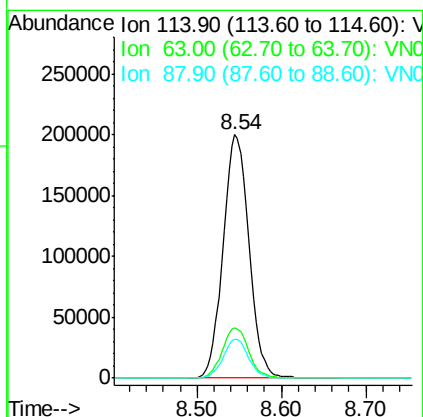
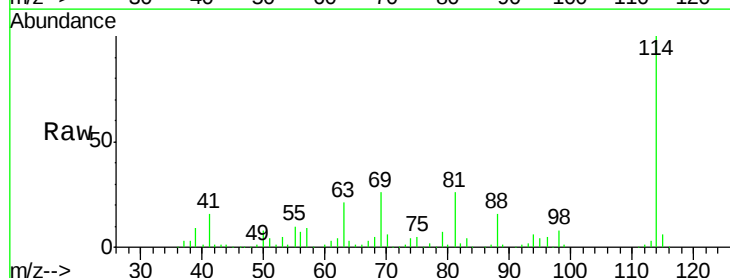
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)

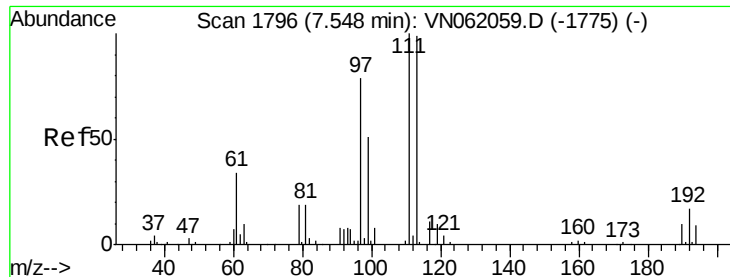
Tgt Ion: 65 Resp: 156295
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN062105.D
 Acq: 25 Jun 2020 12:48

Tgt Ion: 114 Resp: 426450
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 16.1 0.0 30.8

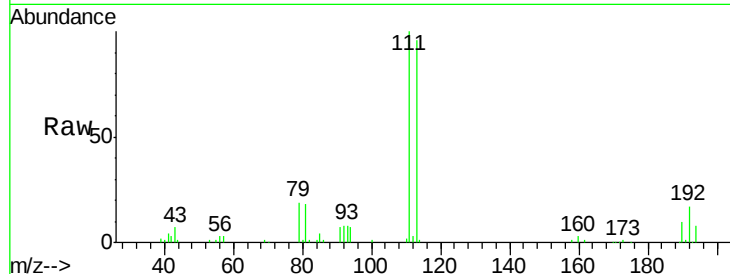




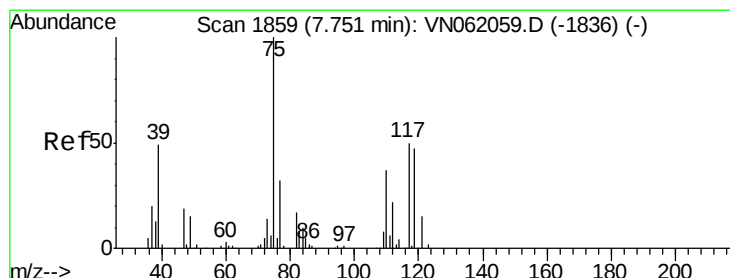
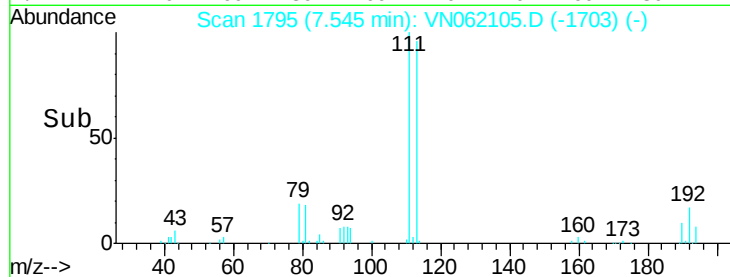
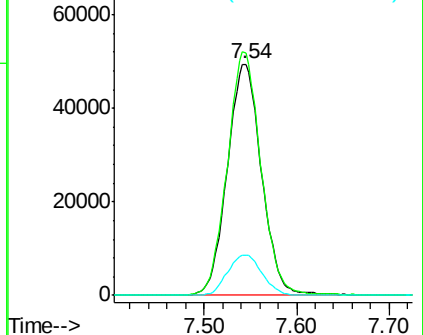
#35
 Dibromofluoromethane
 Concen: 46.283 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062105.D
 Acq: 25 Jun 2020 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	17.6	14.0	21.0

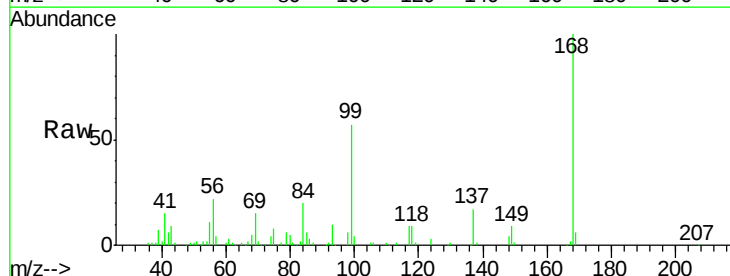


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

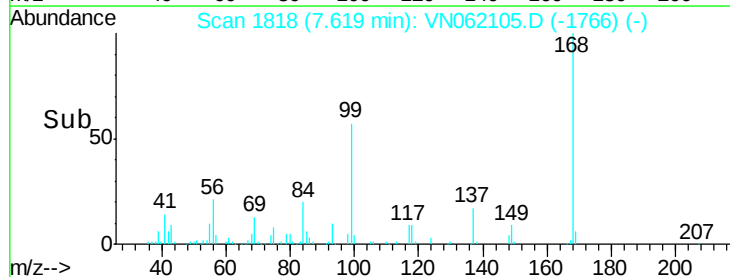
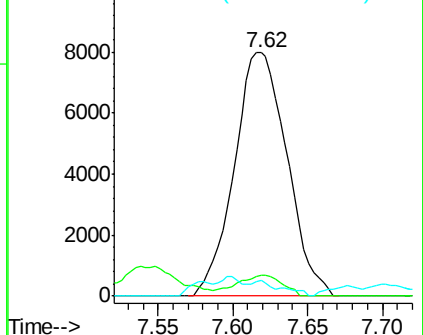


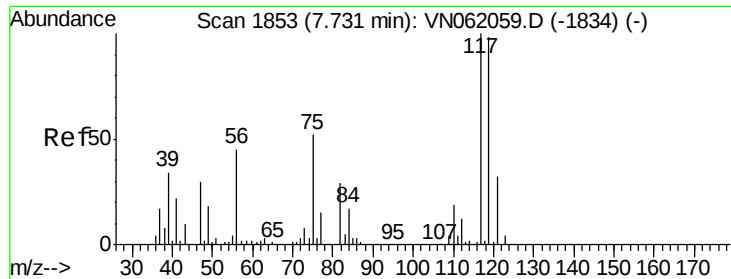
#36
 1,1-Dichloropropene
 Concen: 4.559 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.13 min
 Lab File: VN062105.D
 Acq: 25 Jun 2020 12:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.4	17.9	53.8#
77	3.2	24.9	37.3#



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





#38

Carbon Tetrachloride

Concen: 5.710 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. -0.12 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

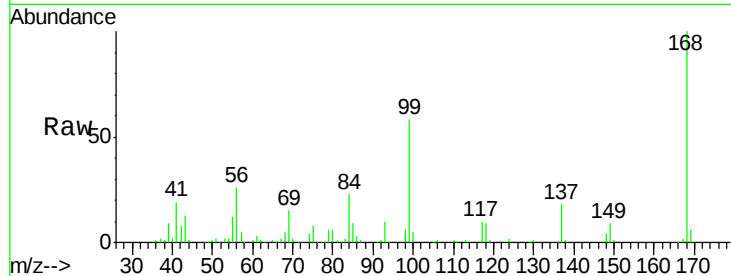
Tgt Ion:117 Resp: 23074

Ion Ratio Lower Upper

117 100

119 5.8 78.2 117.2#

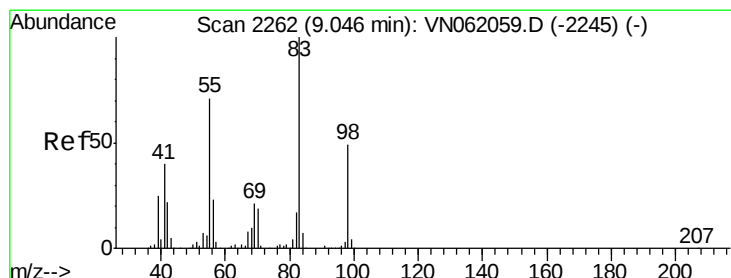
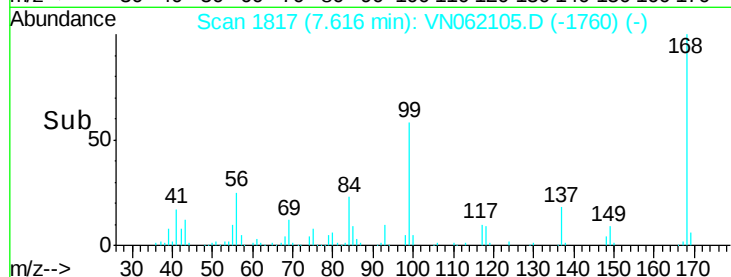
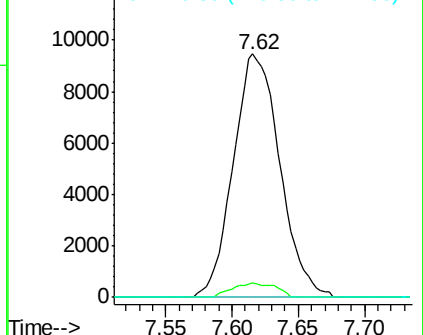
121 0.0 25.8 38.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 144.858 ug/l

RT: 9.04 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

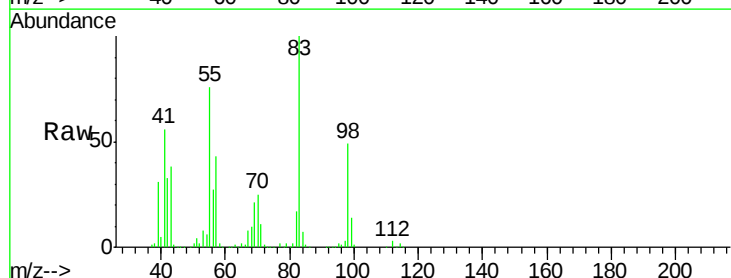
Tgt Ion: 83 Resp: 680343

Ion Ratio Lower Upper

83 100

55 76.0 57.0 85.6

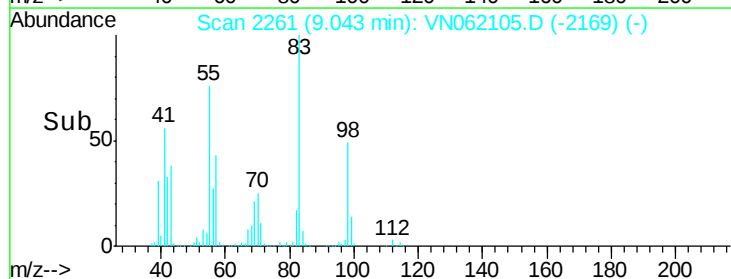
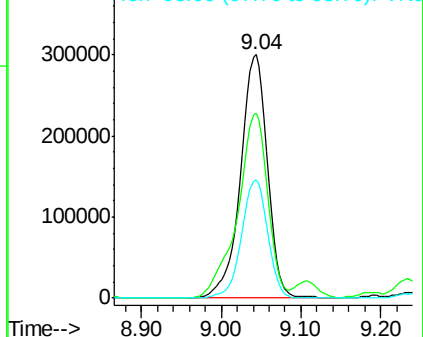
98 48.6 39.0 58.6

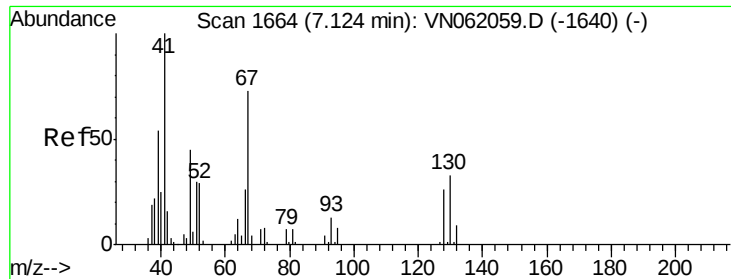


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

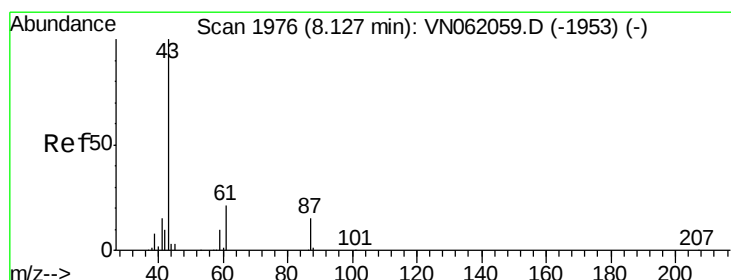
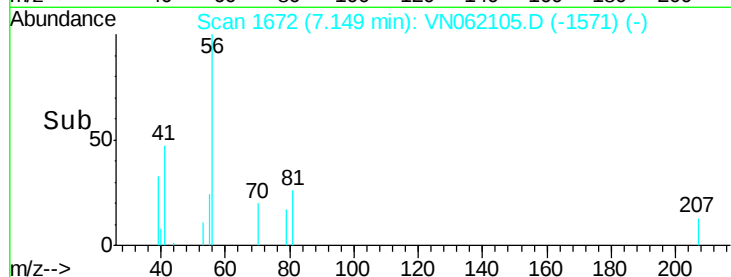
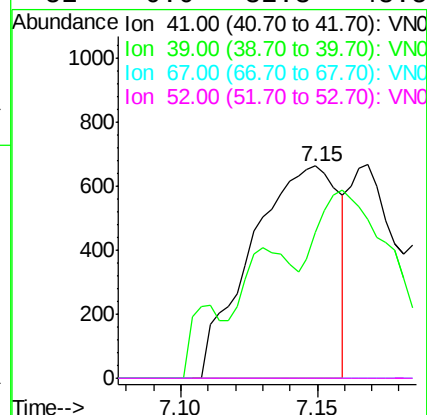
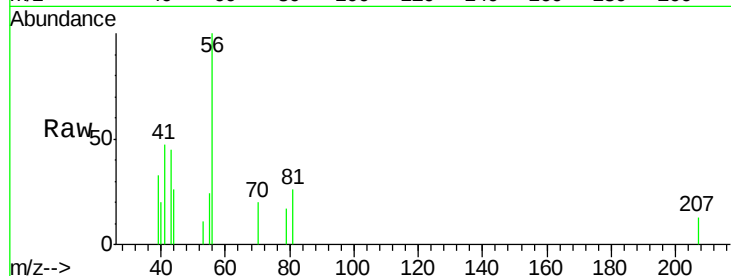




#41
Methacrylonitrile
Concen: 0.898 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. 0.03 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

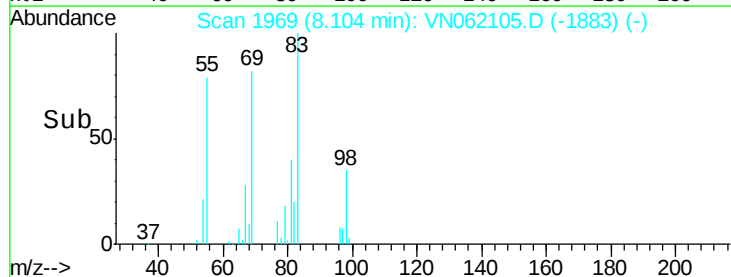
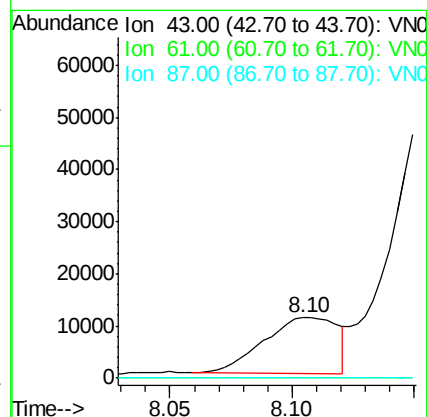
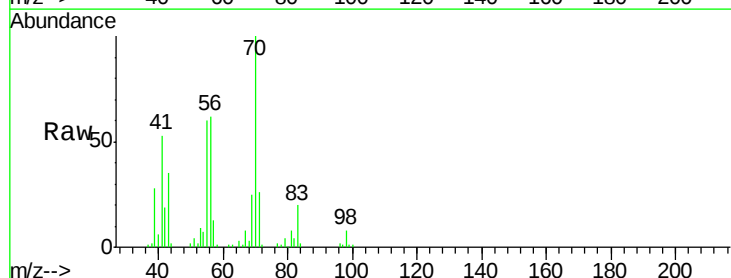
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)

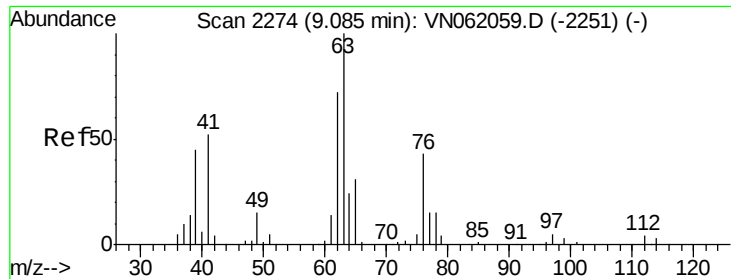
Tgt Ion: 41 Resp: 1477
Ion Ratio Lower Upper
41 100
39 79.3 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#43
Isopropyl Acetate
Concen: 3.903 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.02 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

Tgt Ion: 43 Resp: 22586
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 12.1 18.1#

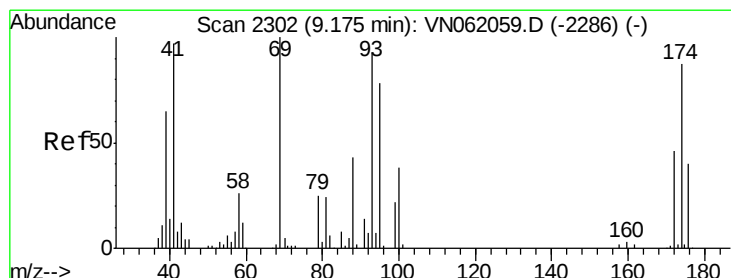
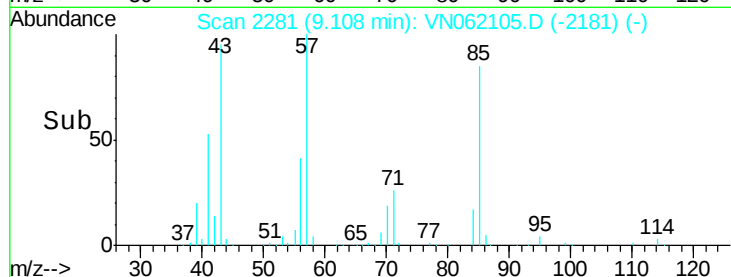
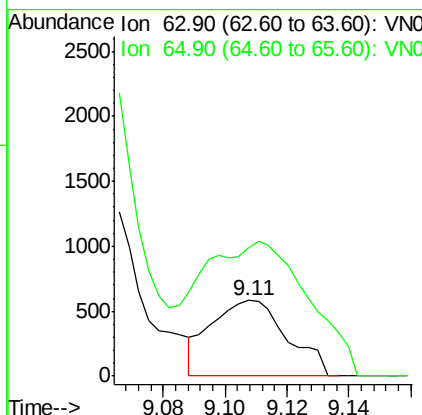
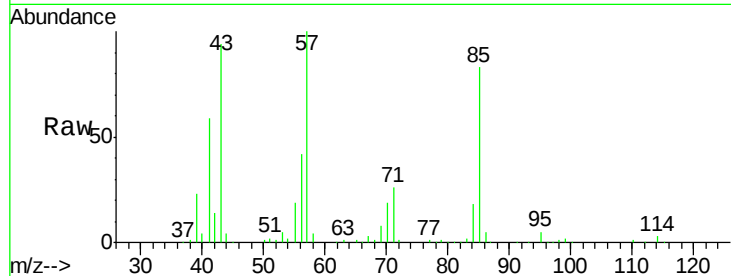




#45
 1,2-Dichloropropane
 Concen: 0.310 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. 0.02 min
 Lab File: VN062105.D
 Acq: 25 Jun 2020 12:48

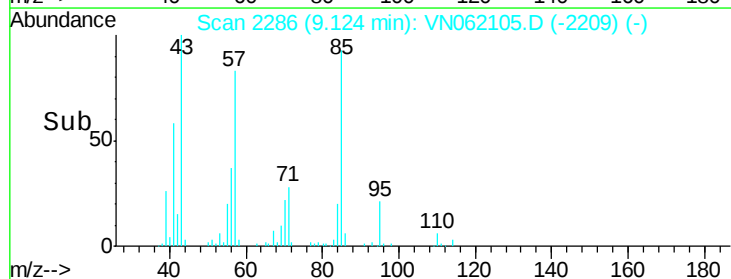
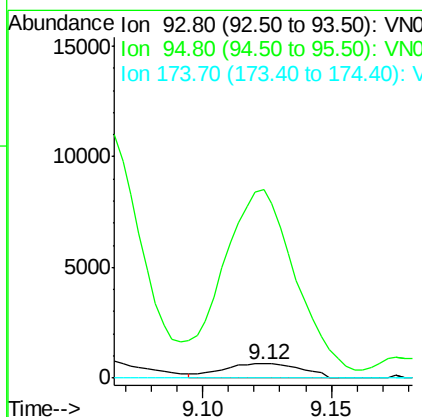
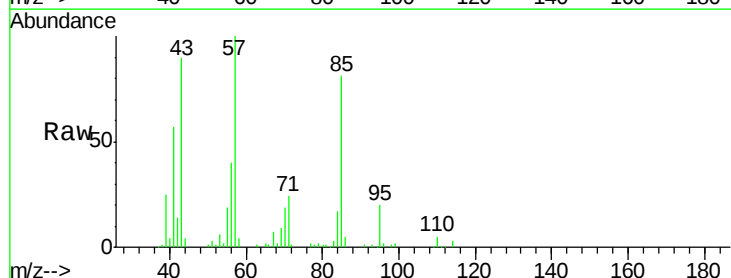
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)

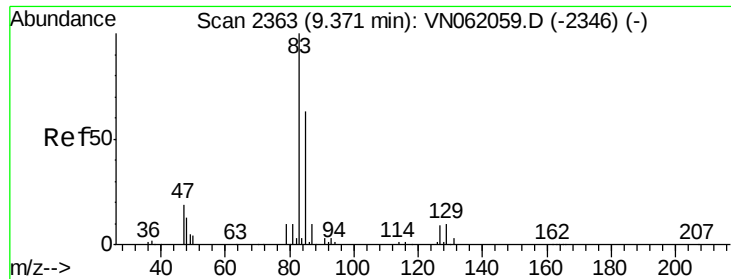
Tgt Ion: 63 Resp: 998
 Ion Ratio Lower Upper
 63 100
 65 112.0 25.0 37.4#



#46
 Dibromomethane
 Concen: 0.637 ug/l
 RT: 9.12 min Scan# 2286
 Delta R.T. -0.05 min
 Lab File: VN062105.D
 Acq: 25 Jun 2020 12:48

Tgt Ion: 93 Resp: 1393
 Ion Ratio Lower Upper
 93 100
 95 1203.1 67.0 100.6#
 174 0.0 74.4 111.6#





#47

Bromodichloromethane

Concen: 9.967 ug/l

RT: 9.35 min Scan# 2356

Delta R.T. -0.02 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

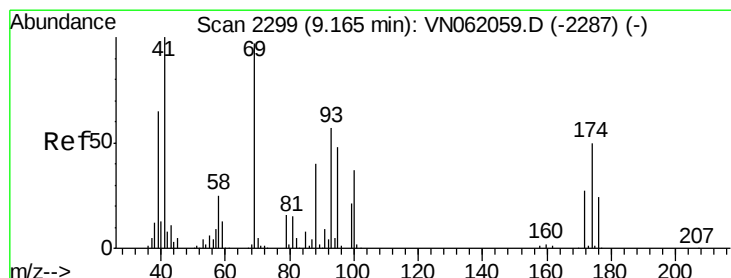
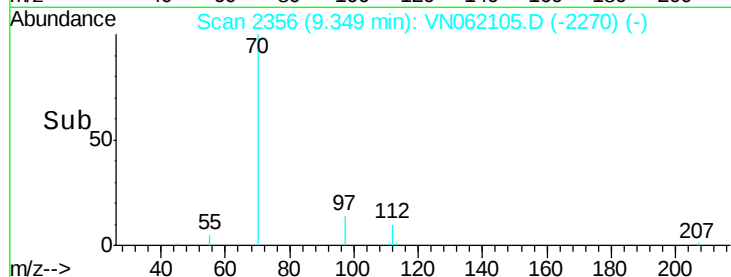
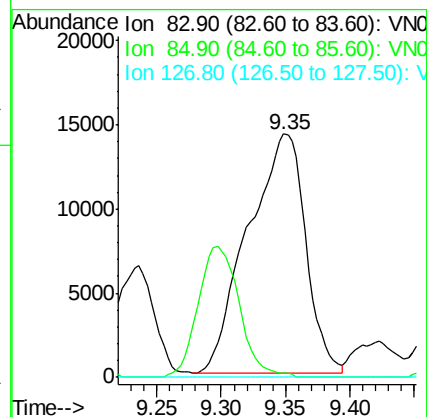
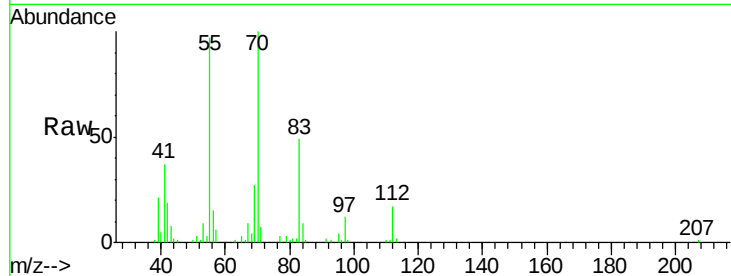
Tgt Ion: 83 Resp: 43979

Ion Ratio Lower Upper

83 100

85 1.6 50.3 75.5#

127 0.0 6.9 10.3#



#48

Methyl methacrylate

Concen: 13.077 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. 0.02 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

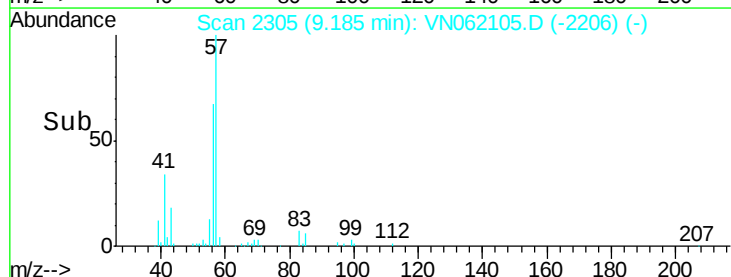
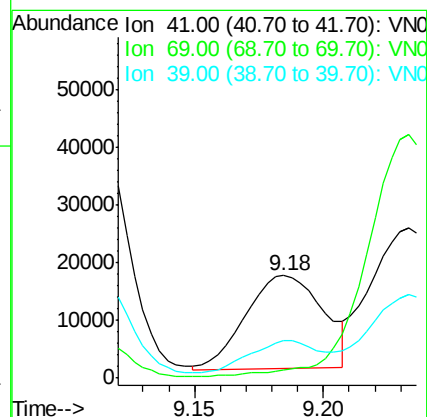
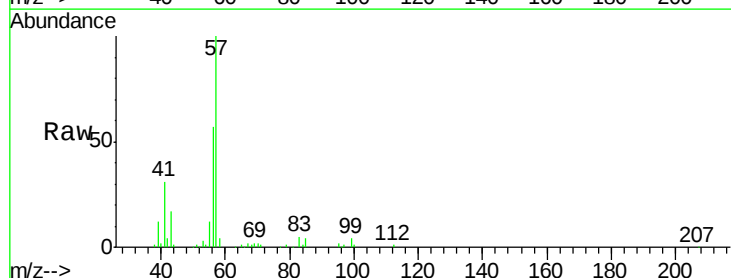
Tgt Ion: 41 Resp: 33927

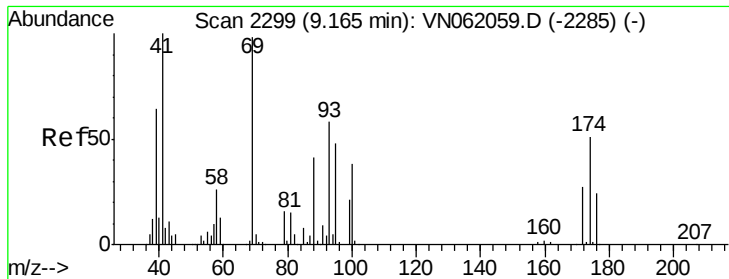
Ion Ratio Lower Upper

41 100

69 0.0 80.7 121.1#

39 32.0 54.5 81.7#

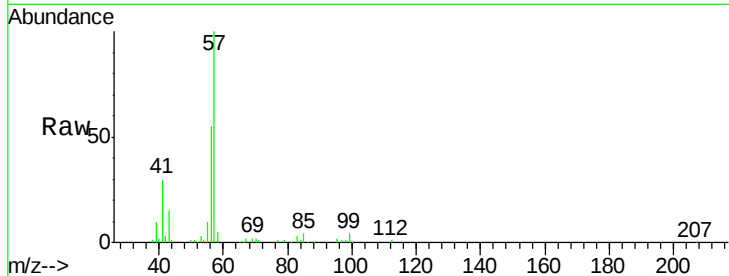




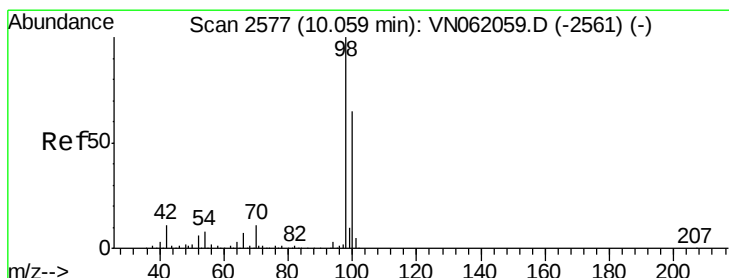
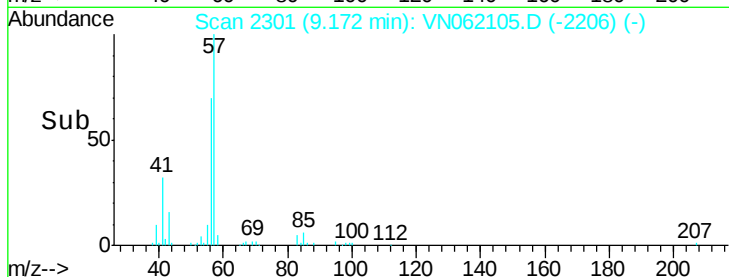
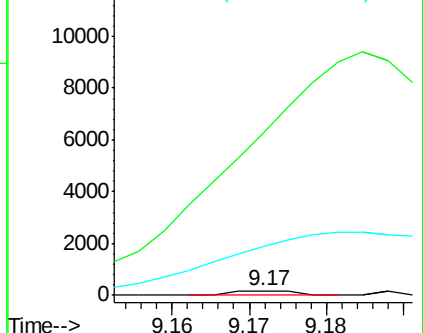
#49
1,4-Dioxane
Concen: 1.669 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)

Tgt Ion: 88 Resp: 96
Ion Ratio Lower Upper
88 100
43 0.0 22.0 33.0#
58 0.0 49.2 73.8#

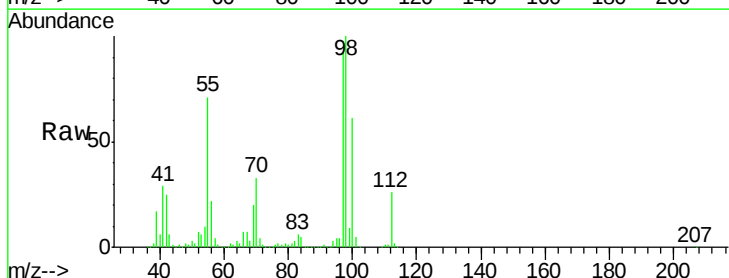


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

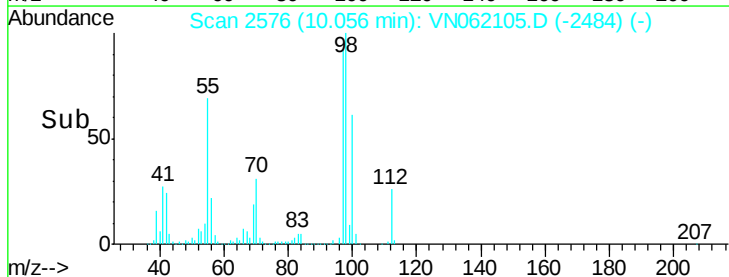
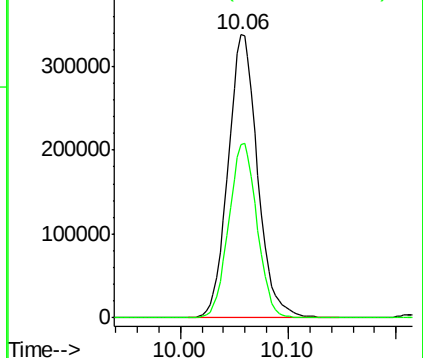


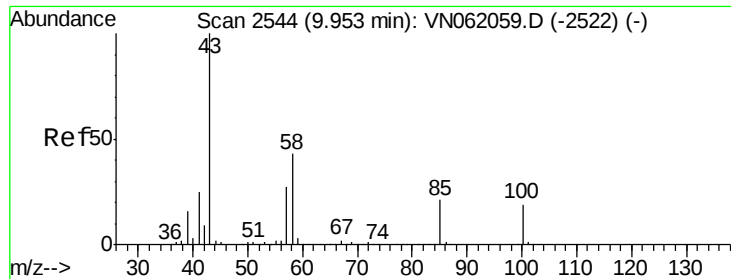
#50
Toluene-d8
Concen: 58.688 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

Tgt Ion: 98 Resp: 641821
Ion Ratio Lower Upper
98 100
100 59.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

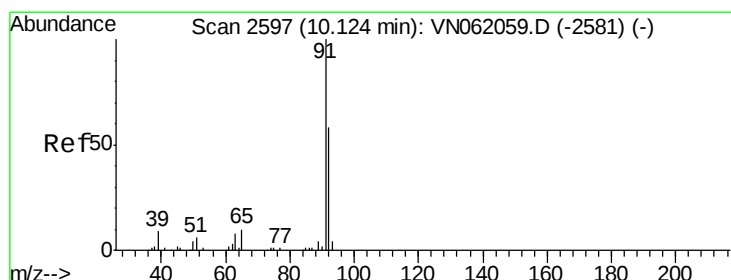
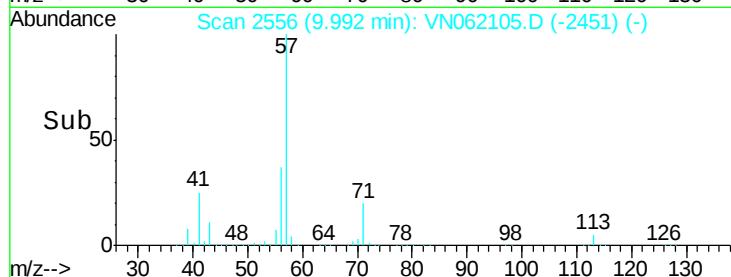
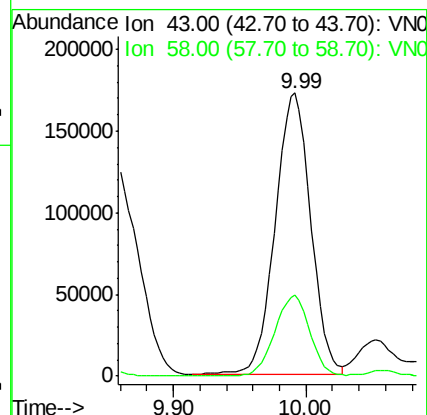
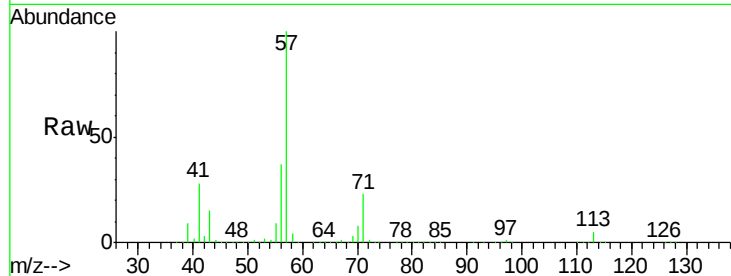




#51
4-Methyl-2-Pentanone
Concen: 95.732 ug/l
RT: 9.99 min Scan# 2556
Delta R.T. 0.04 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

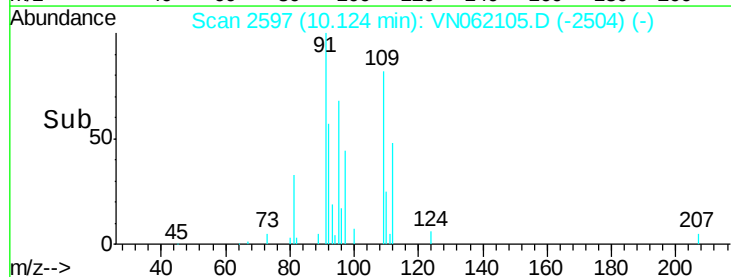
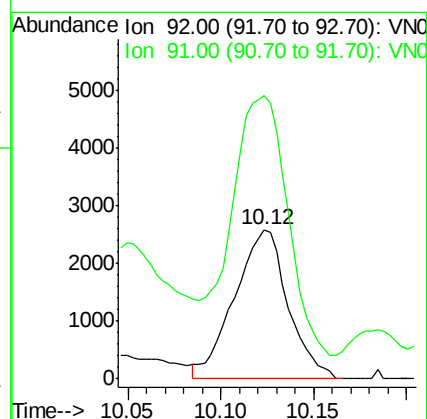
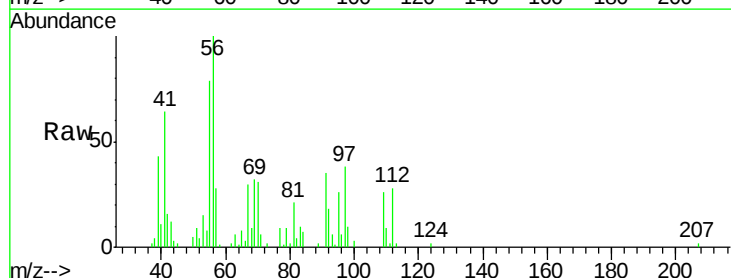
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)

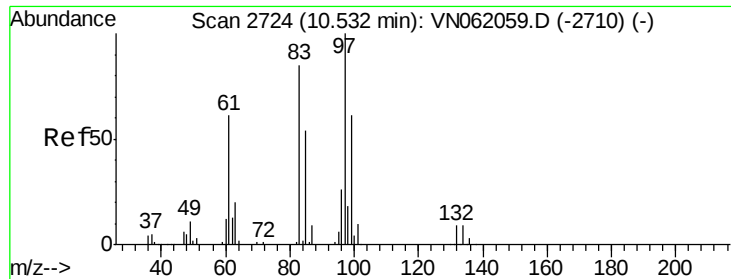
Tgt Ion: 43 Resp: 323632
Ion Ratio Lower Upper
43 100
58 27.8 34.2 51.2#



#52
Toluene
Concen: 0.649 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

Tgt Ion: 92 Resp: 5175
Ion Ratio Lower Upper
92 100
91 179.5 137.4 206.0





#55

1,1,2-Trichloroethane

Concen: 109.546 ug/l

RT: 10.50 min Scan# 2714

Delta R.T. -0.03 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

Tgt Ion: 97 Resp: 343270

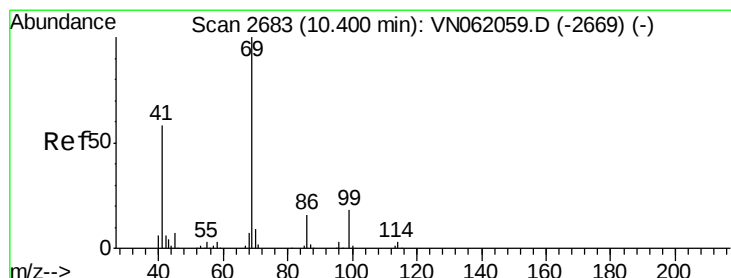
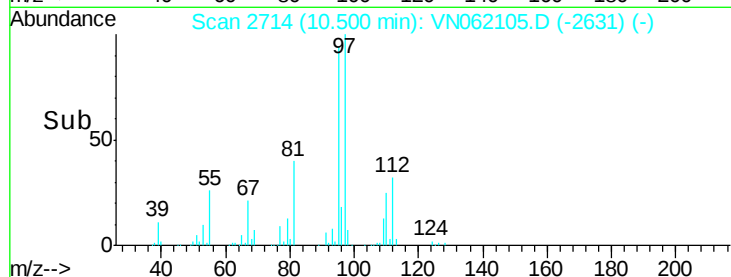
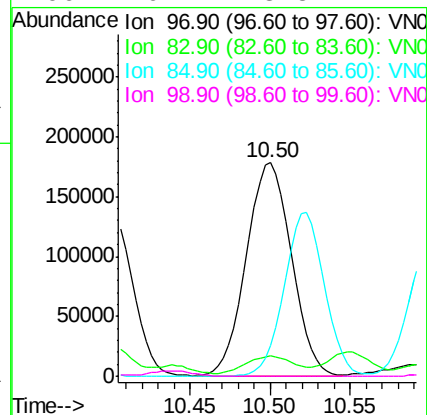
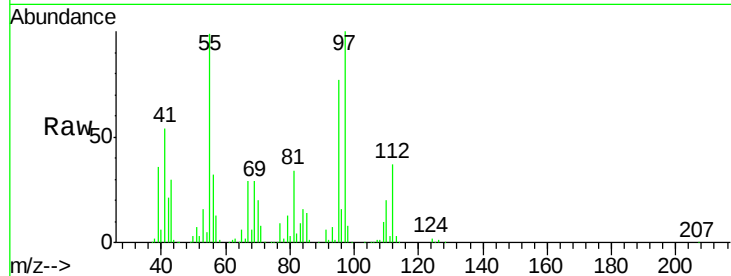
Ion Ratio Lower Upper

97 100

83 6.1 68.2 102.2#

85 14.3 43.2 64.8#

99 0.2 48.5 72.7#



#56

Ethyl methacrylate

Concen: 12.551 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

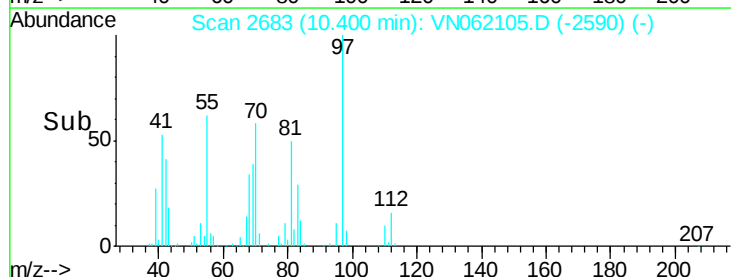
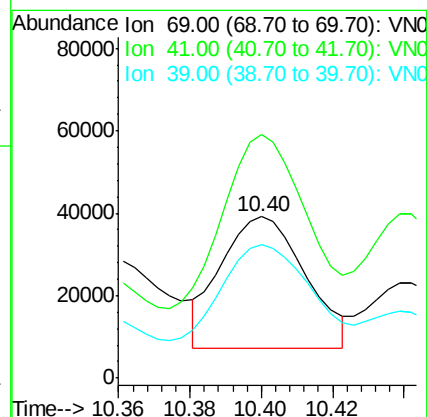
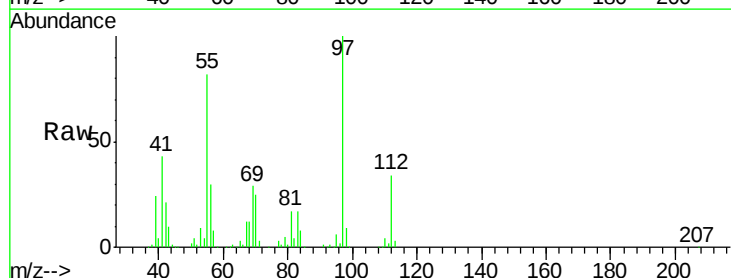
Tgt Ion: 69 Resp: 52485

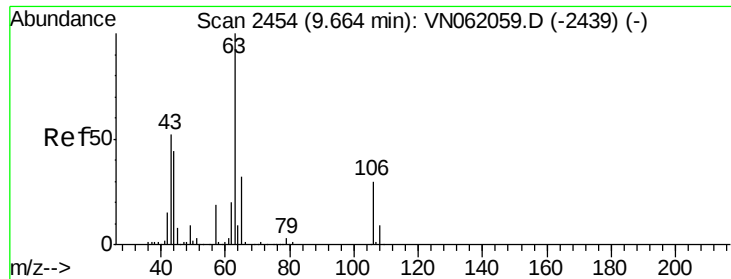
Ion Ratio Lower Upper

69 100

41 130.7 46.6 70.0#

39 73.7 31.0 46.4#

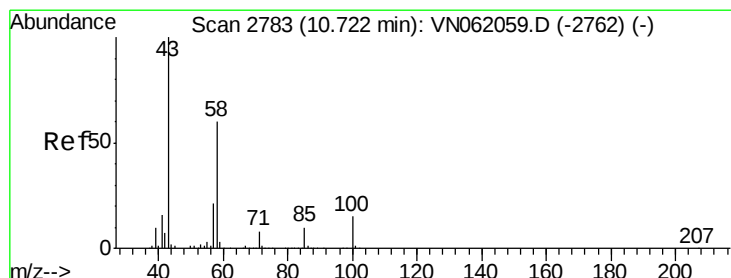
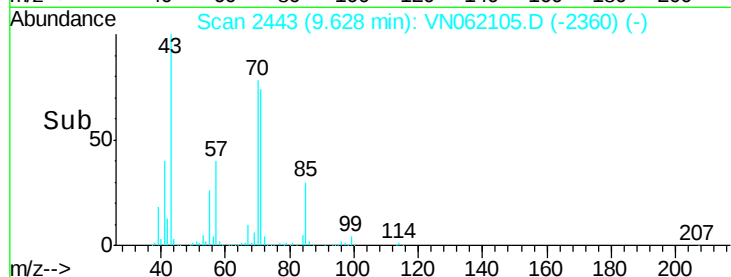
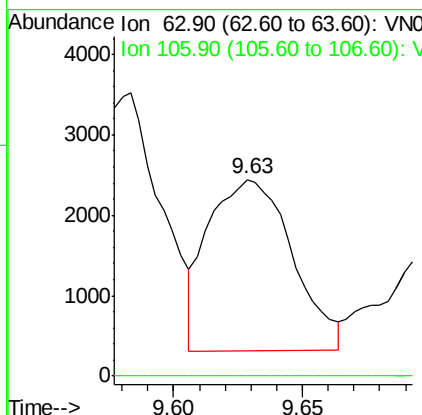
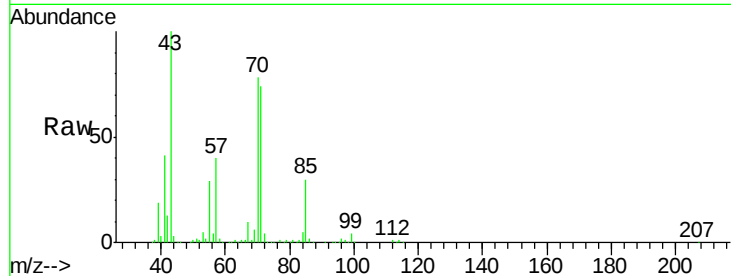




#58
 2-Chloroethyl Vinyl ether
 Concen: 18.639 ug/l
 RT: 9.63 min Scan# 2443
 Delta R.T. -0.03 min
 Lab File: VN062105.D
 Acq: 25 Jun 2020 12:48

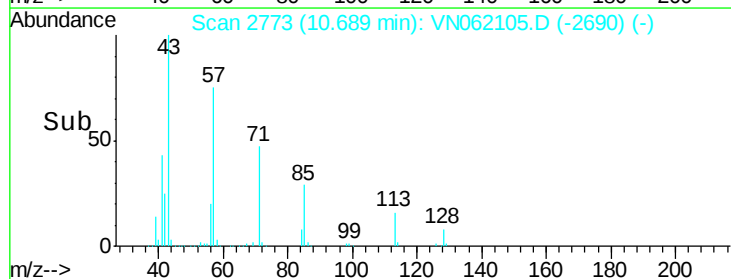
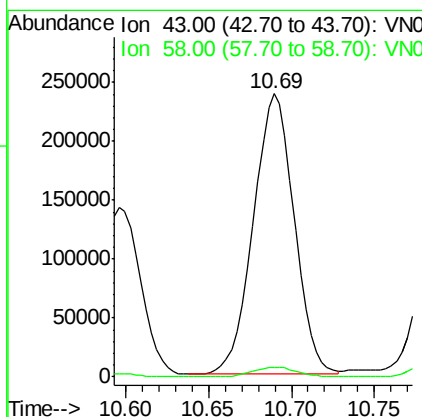
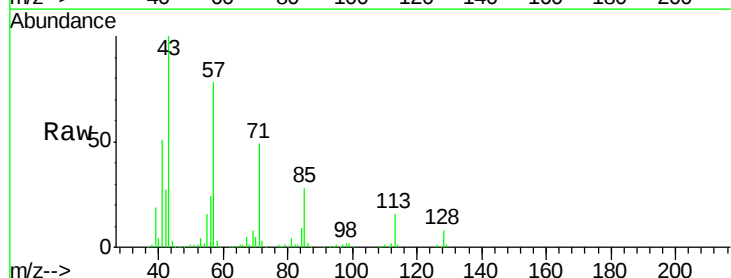
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)

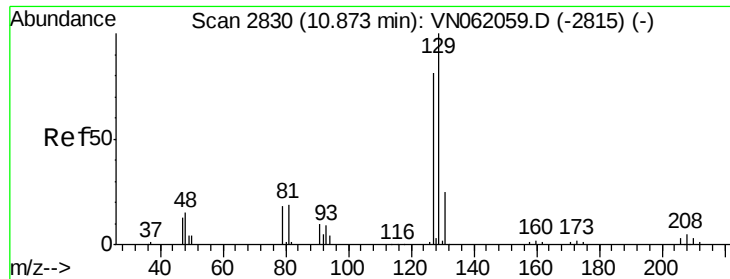
Tgt Ion: 63 Resp: 4828
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.2 34.8#



#59
 2-Hexanone
 Concen: 167.299 ug/l
 RT: 10.69 min Scan# 2773
 Delta R.T. -0.03 min
 Lab File: VN062105.D
 Acq: 25 Jun 2020 12:48

Tgt Ion: 43 Resp: 408397
 Ion Ratio Lower Upper
 43 100
 58 3.9 29.5 88.5#





#60

Dibromochloromethane

Concen: 0.770 ug/l

RT: 10.79 min Scan# 2804

Delta R.T. -0.08 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

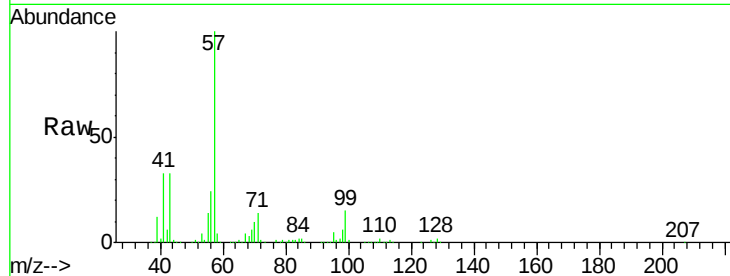
MW-27(16.5-18.5)

Tgt Ion:129 Resp: 2555

Ion Ratio Lower Upper

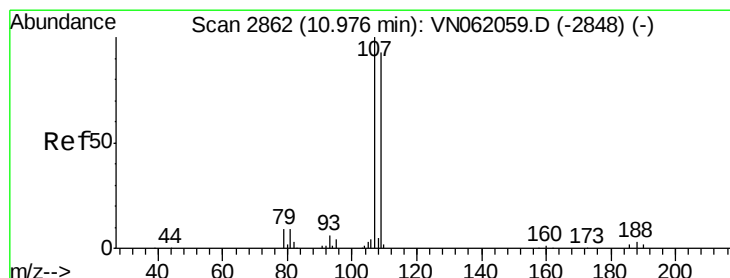
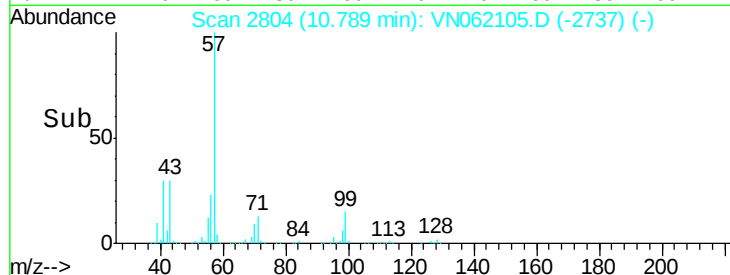
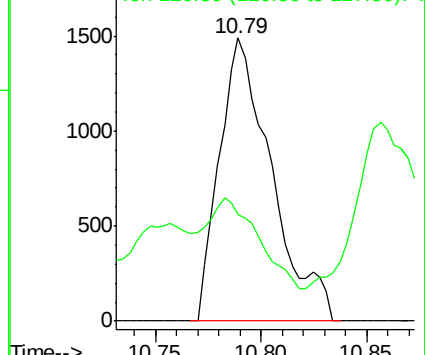
129 100

127 28.2 39.5 118.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.151 ug/l

RT: 10.95 min Scan# 2853

Delta R.T. -0.03 min

Lab File: VN062105.D

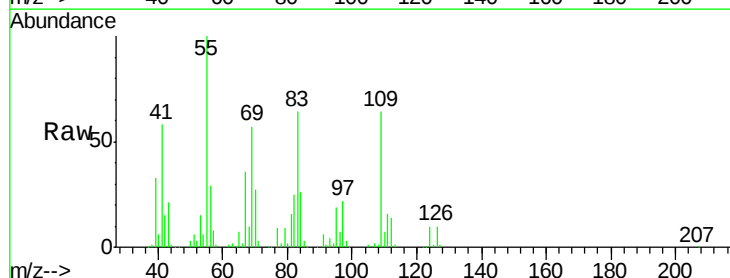
Acq: 25 Jun 2020 12:48

Tgt Ion:107 Resp: 3705

Ion Ratio Lower Upper

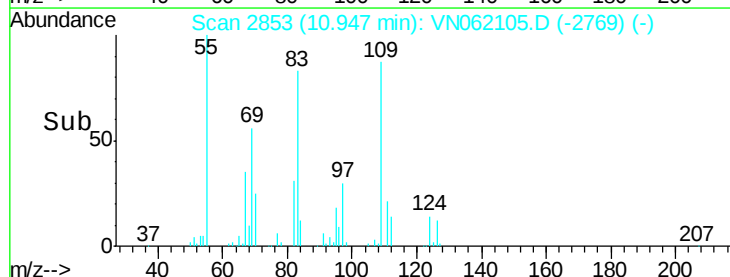
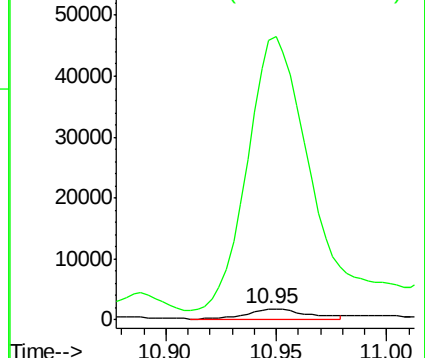
107 100

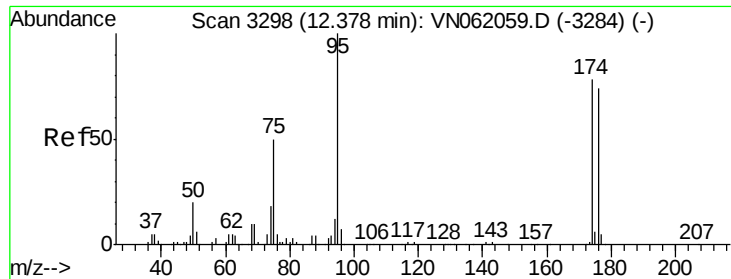
109 2529.1 75.0 112.6#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

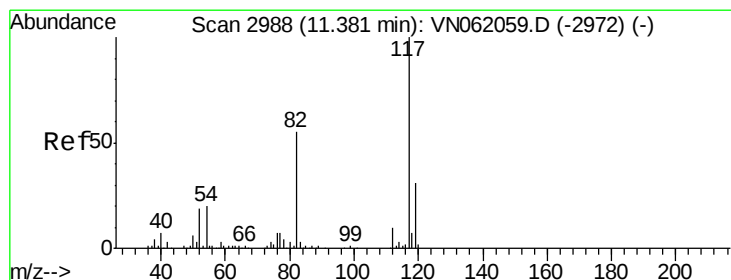
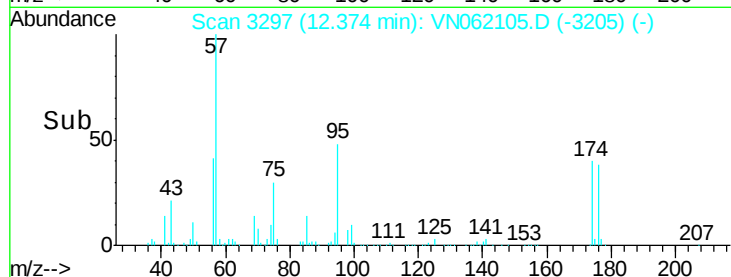
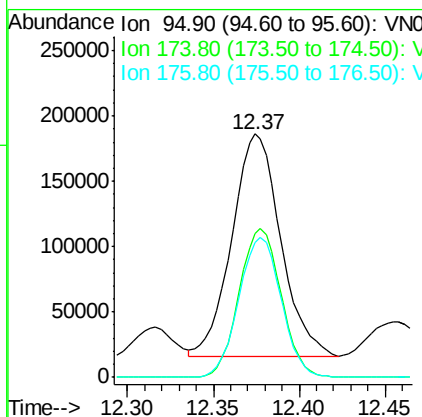
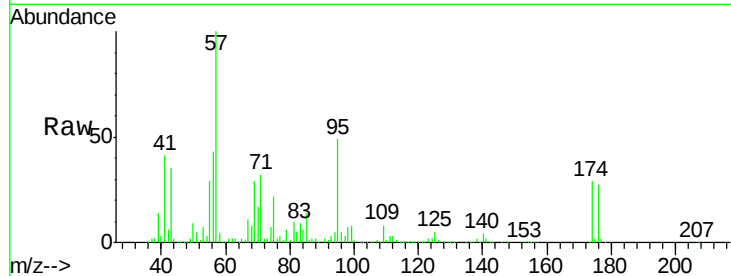




#62
4-Bromofluorobenzene
Concen: 90.364 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

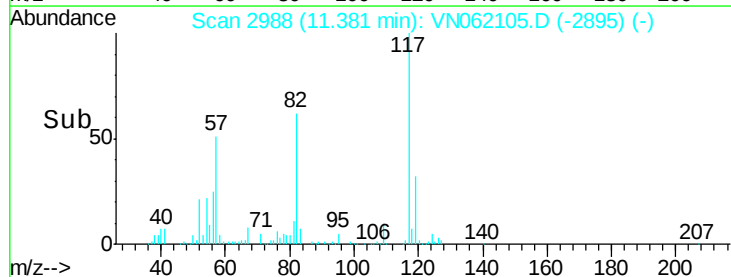
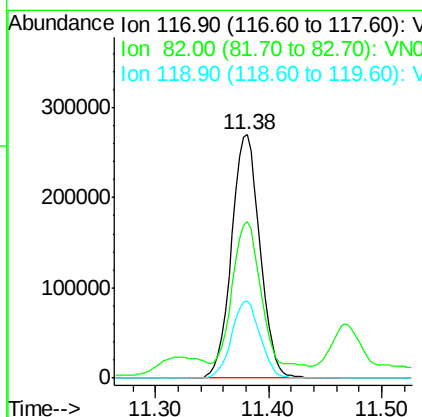
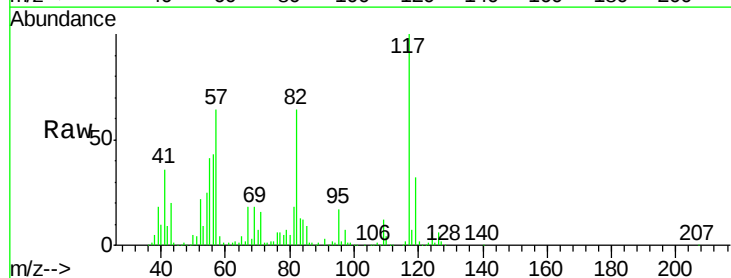
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)

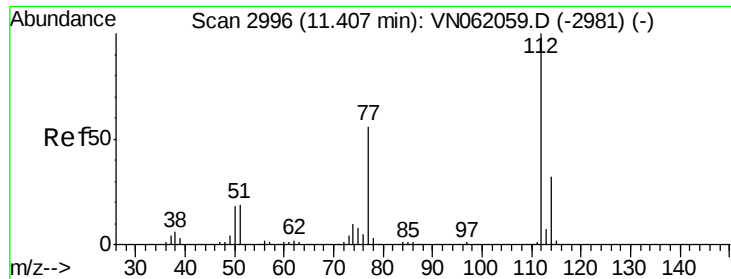
Tgt Ion	Ratio	Lower	Upper
95	100		
174	58.0	0.0	154.8
176	55.2	0.0	147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.8	65.8
119	31.6	25.2	37.8

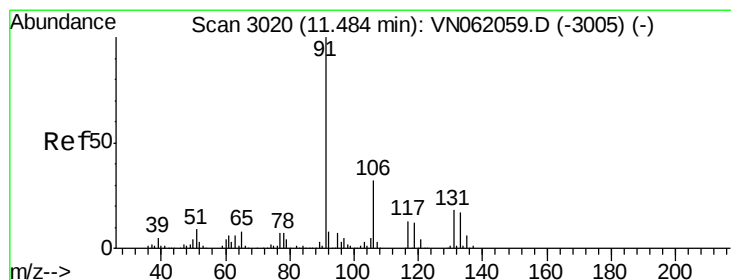
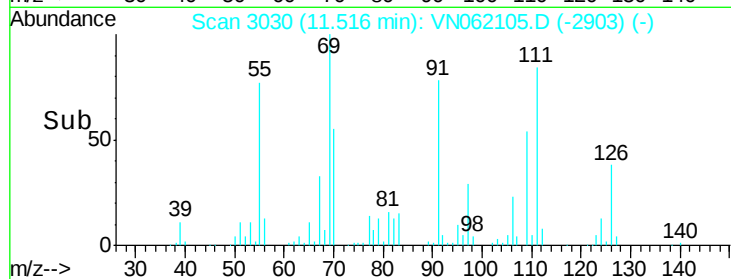
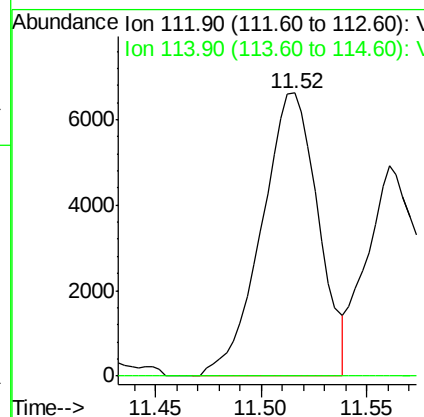
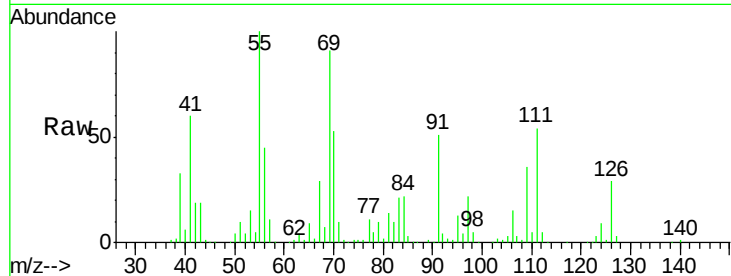




#65
Chlorobenzene
Concen: 1.196 ug/l
RT: 11.52 min Scan# 3030
Delta R.T. 0.11 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

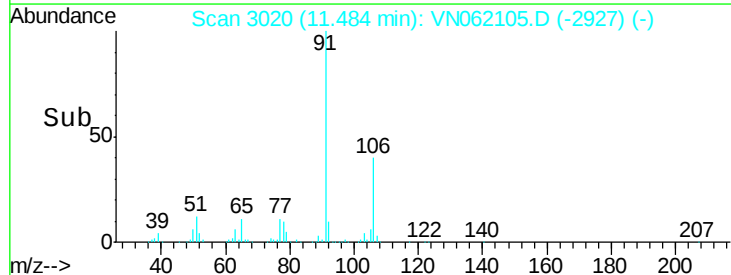
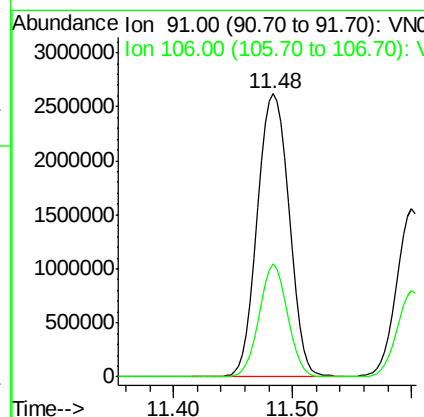
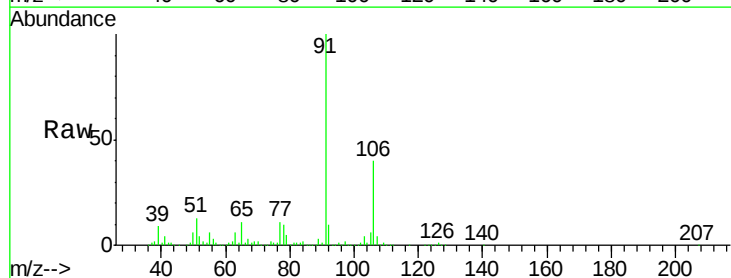
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)

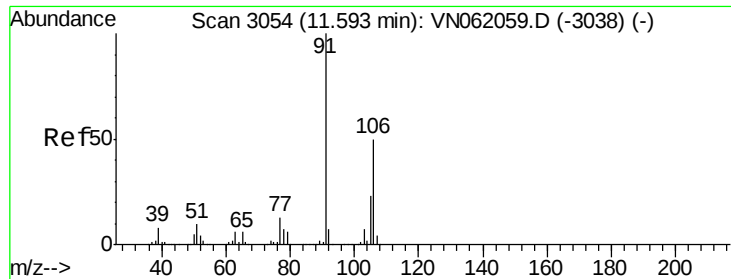
Tgt Ion: 112 Resp: 12399
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.8#



#67
Ethyl Benzene
Concen: 277.290 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

Tgt Ion: 91 Resp: 4854003
Ion Ratio Lower Upper
91 100
106 39.8 25.3 37.9#

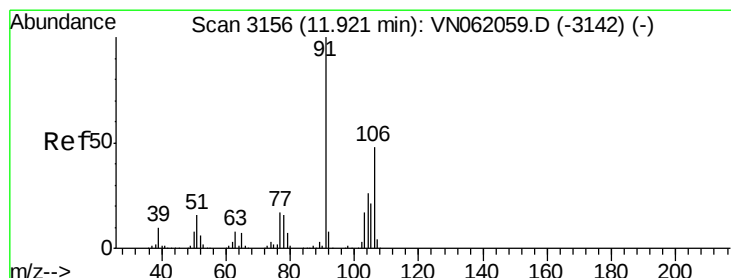
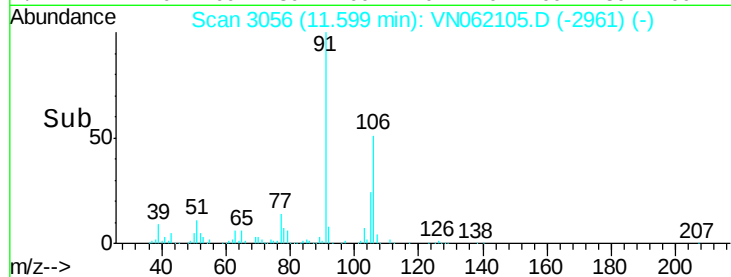
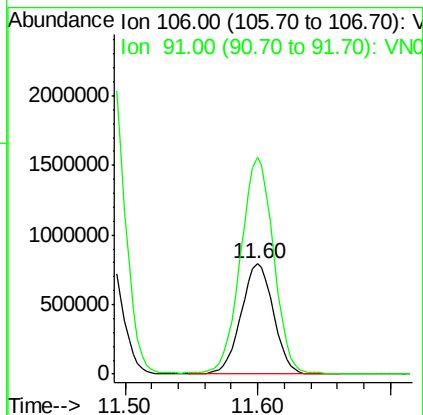
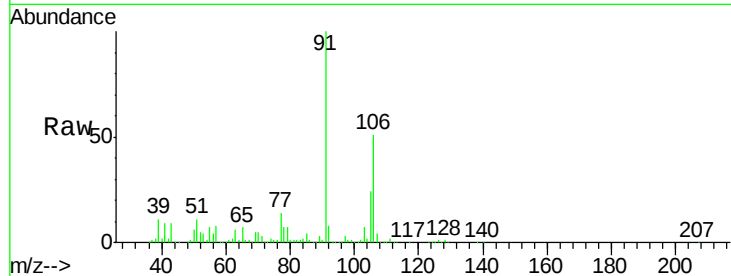




#68
m/p-Xylenes
Concen: 197.973 ug/l
RT: 11.60 min Scan# 3056
Delta R.T. 0.01 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

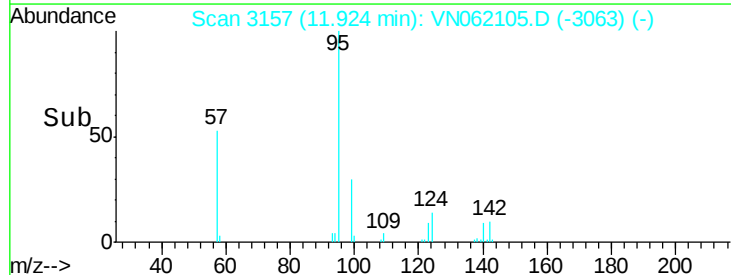
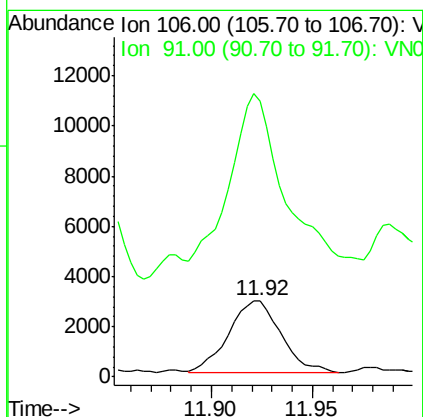
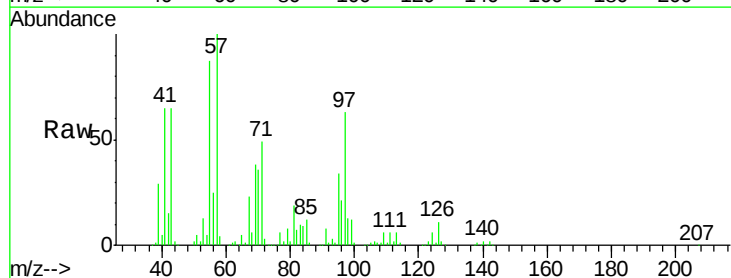
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)

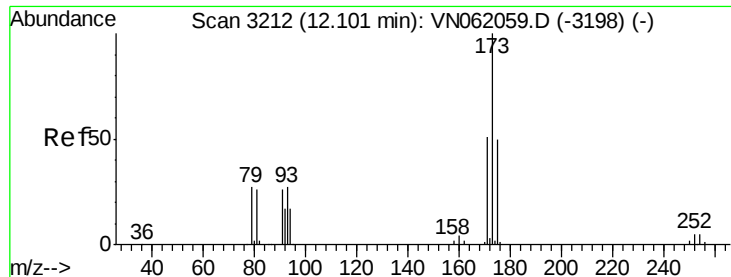
Tgt Ion:106 Resp: 1340410
Ion Ratio Lower Upper
106 100
91 199.9 157.8 236.8



#69
o-Xylene
Concen: 0.818 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

Tgt Ion:106 Resp: 5226
Ion Ratio Lower Upper
106 100
91 222.8 104.0 311.9





#71

Bromoform

Concen: 0.727 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

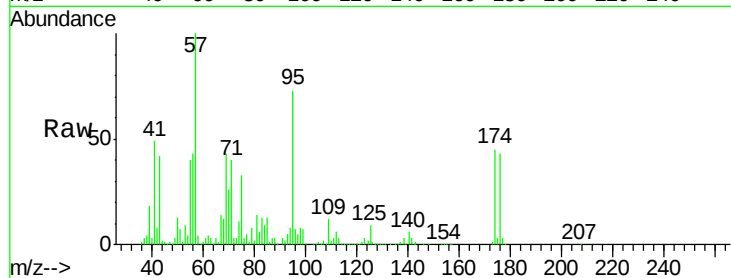
Tgt Ion:173 Resp: 1852

Ion Ratio Lower Upper

173 100

175 643.3 24.7 74.1#

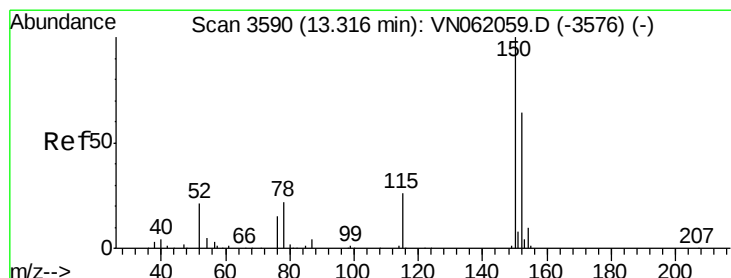
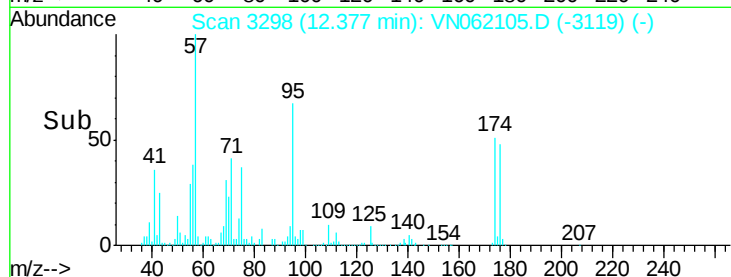
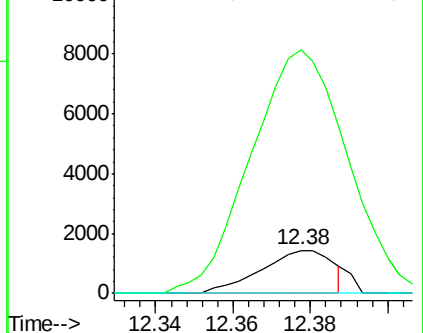
254 0.0 0.0 0.0



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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

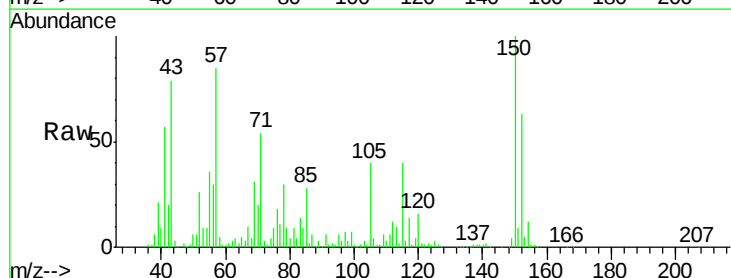
Tgt Ion:152 Resp: 280791

Ion Ratio Lower Upper

152 100

115 53.2 29.5 88.5

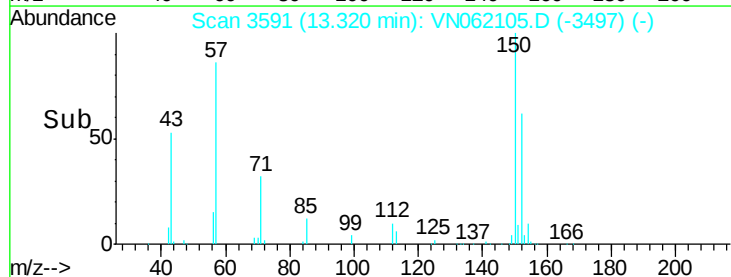
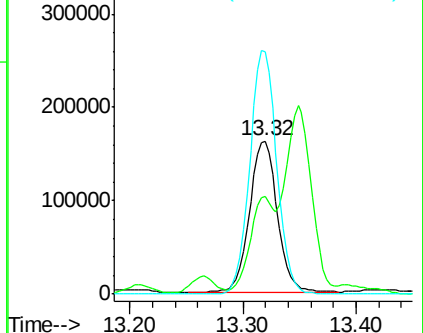
150 152.9 0.0 351.4

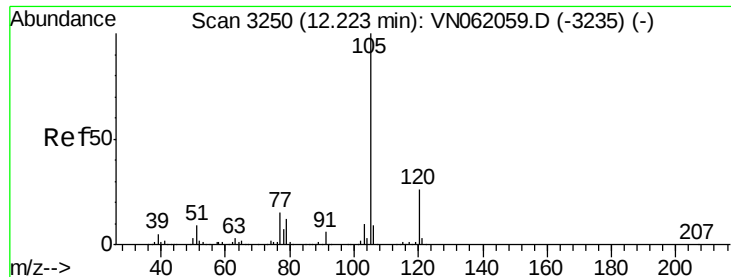


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.916 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

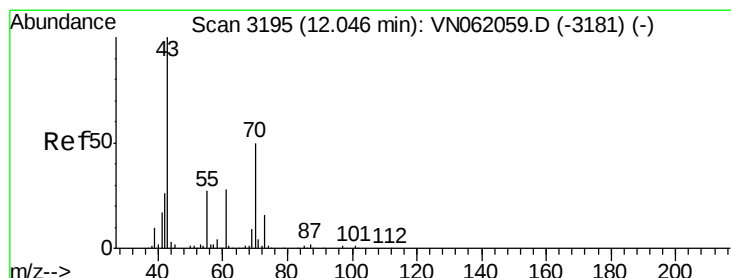
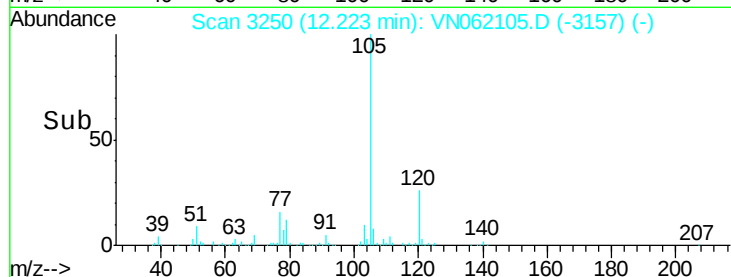
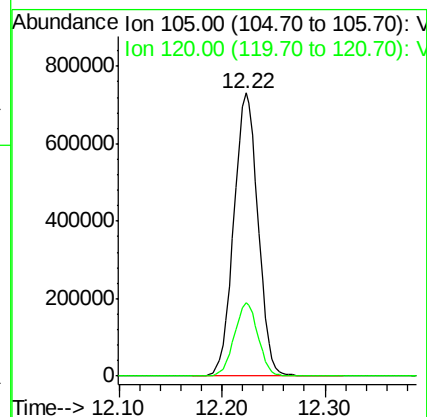
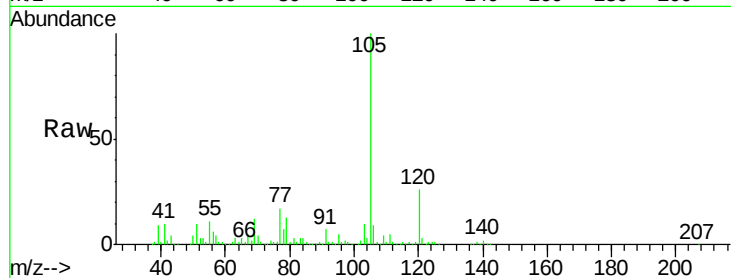
MW-27(16.5-18.5)

Tgt Ion:105 Resp: 1193634

Ion Ratio Lower Upper

105 100

120 25.6 13.2 39.6



#74

N-ethyl acetate

Concen: 47.045 ug/l

RT: 12.02 min Scan# 3186

Delta R.T. -0.03 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Tgt Ion: 43 Resp: 374717

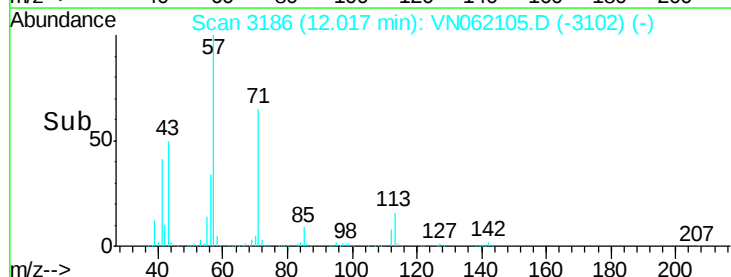
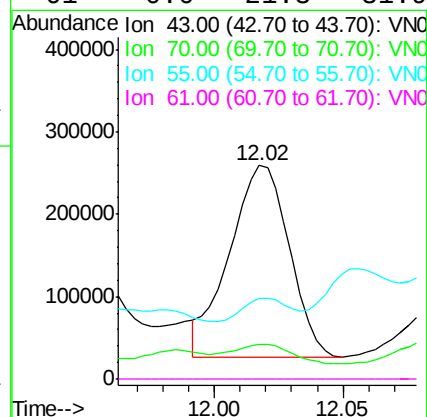
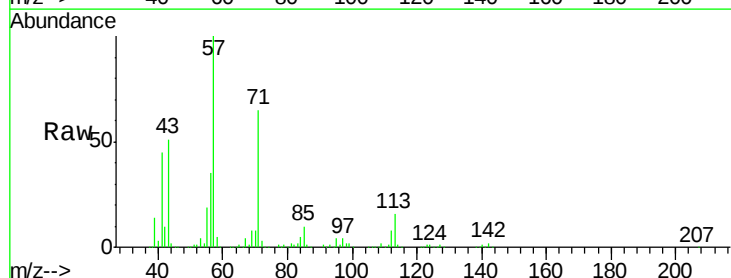
Ion Ratio Lower Upper

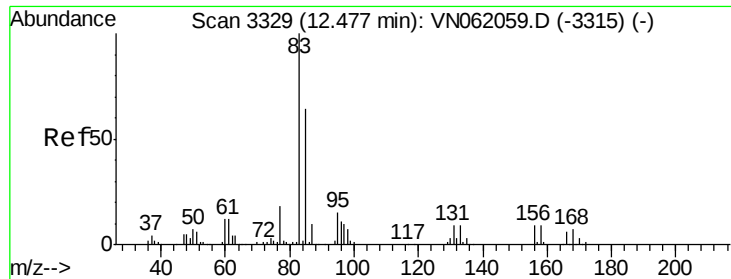
43 100

70 10.0 39.4 59.2#

55 9.6 21.7 32.5#

61 0.0 21.3 31.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.299 ug/l

RT: 12.46 min Scan# 3324

Delta R.T. -0.02 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

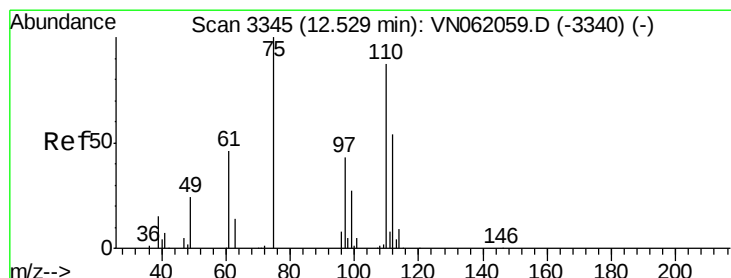
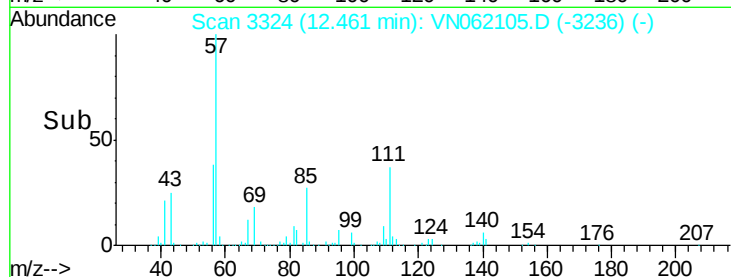
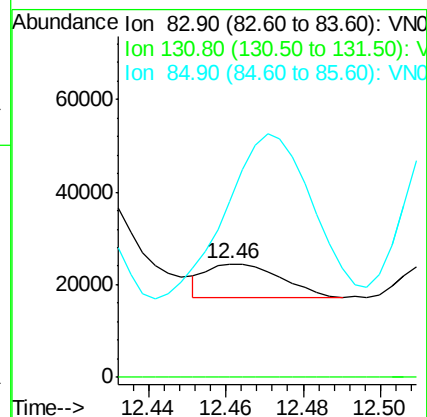
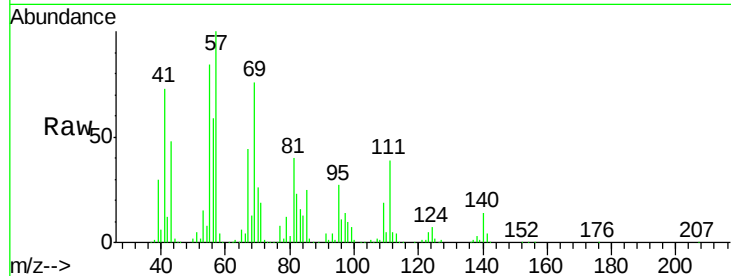
Tgt Ion: 83 Resp: 9393

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 978.0 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 5.601 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.04 min

Lab File: VN062105.D

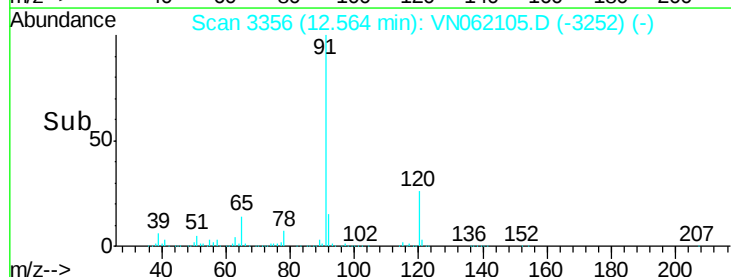
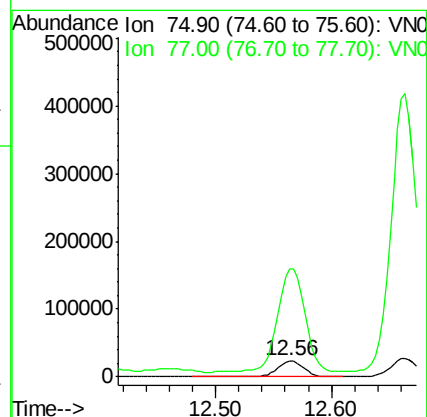
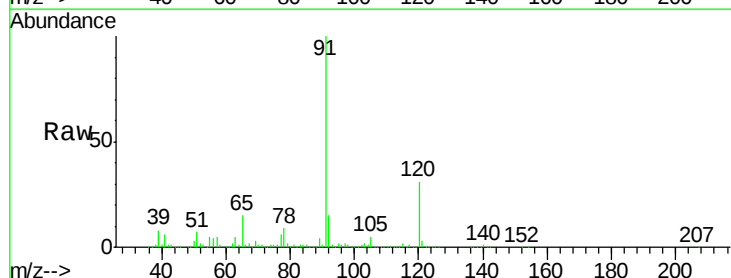
Acq: 25 Jun 2020 12:48

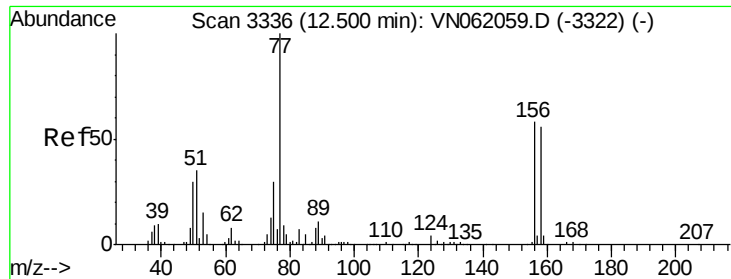
Tgt Ion: 75 Resp: 37023

Ion Ratio Lower Upper

75 100

77 674.6 0.0 0.0#





#77

Bromobenzene

Concen: 0.291 ug/l

RT: 12.47 min Scan# 3326

Delta R.T. -0.03 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

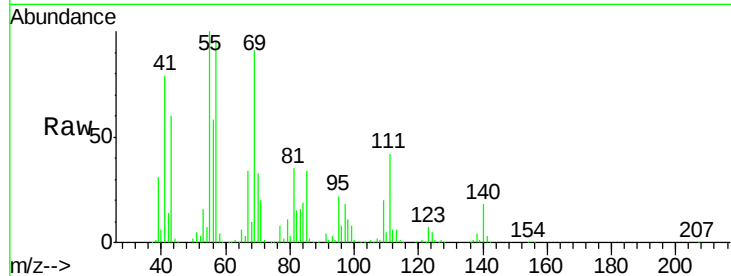
Tgt Ion:156 Resp: 1572

Ion Ratio Lower Upper

156 100

77 0.0 104.6 313.8#

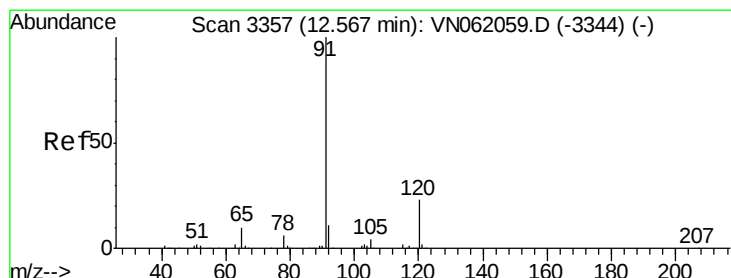
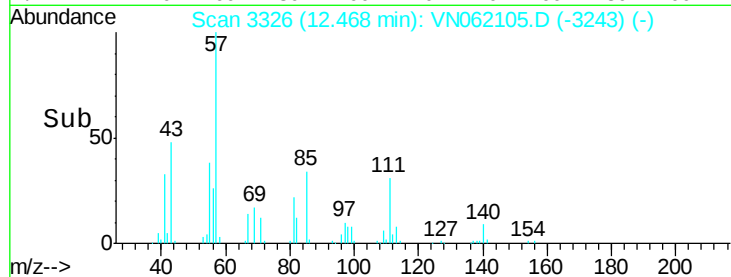
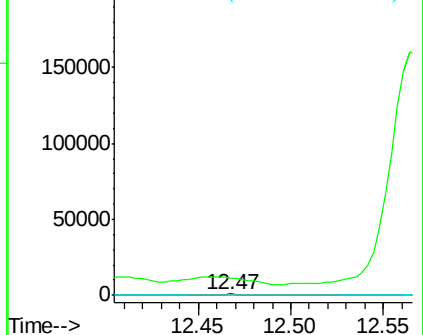
158 0.0 48.0 144.0#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 204.061 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062105.D

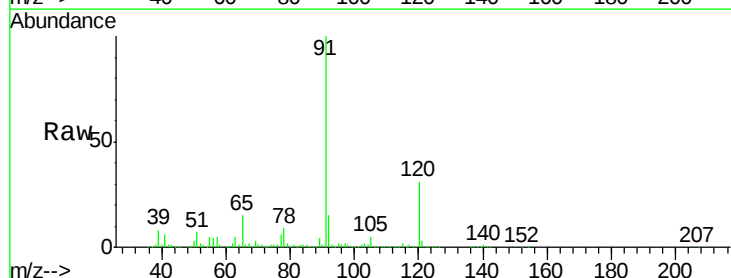
Acq: 25 Jun 2020 12:48

Tgt Ion: 91 Resp: 5073411

Ion Ratio Lower Upper

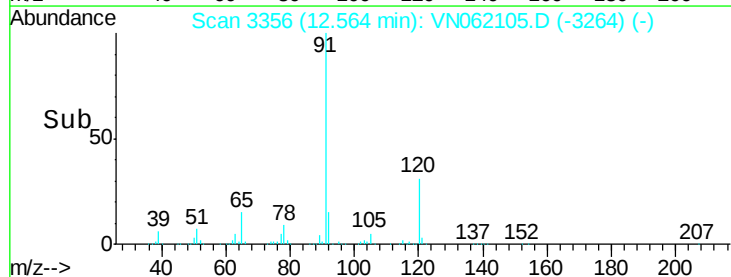
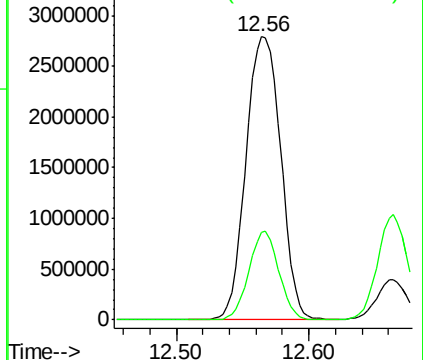
91 100

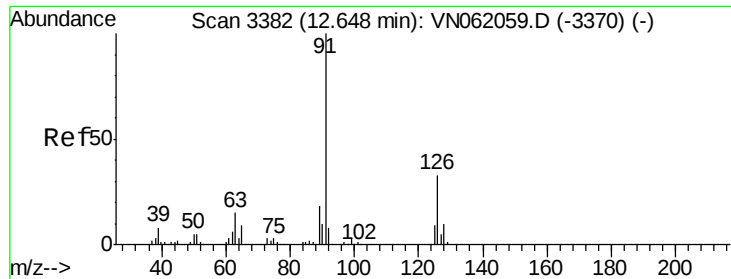
120 27.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

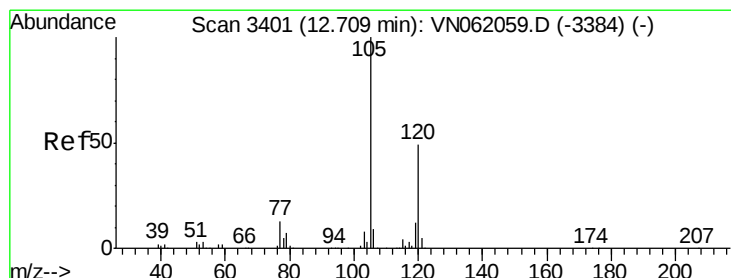
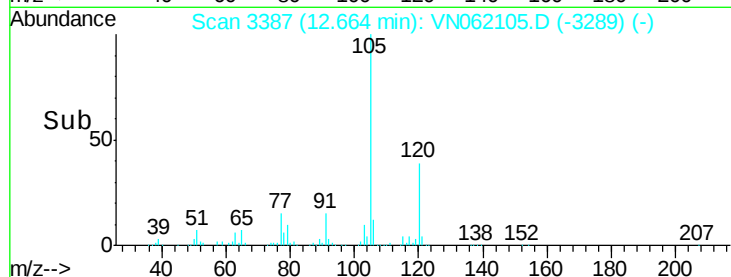
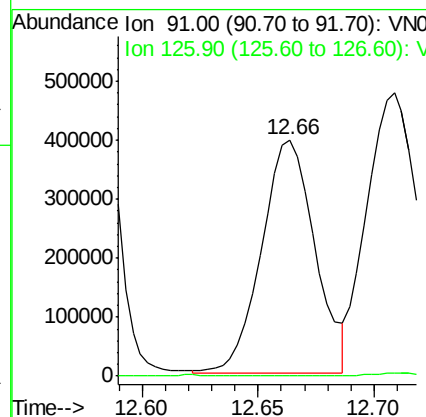
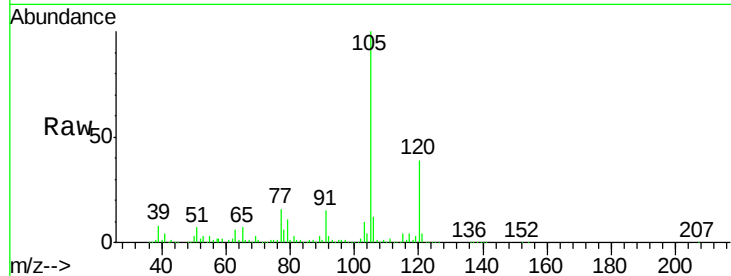




#79
 2-Chlorotoluene
 Concen: 41.997 ug/l
 RT: 12.66 min Scan# 3387
 Delta R.T. 0.02 min
 Lab File: VN062105.D
 Acq: 25 Jun 2020 12:48

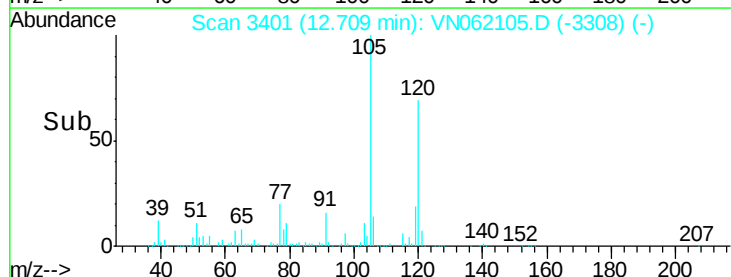
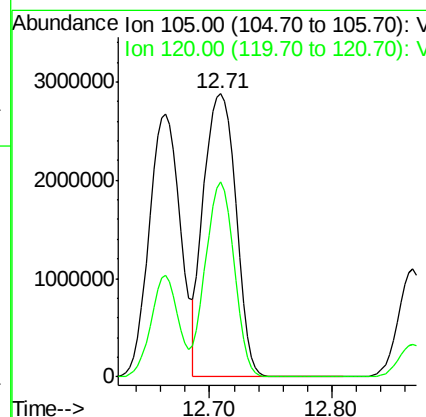
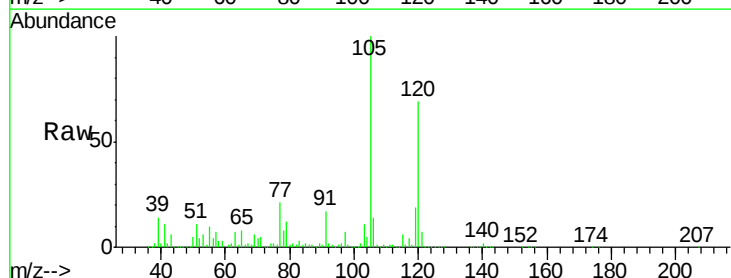
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)

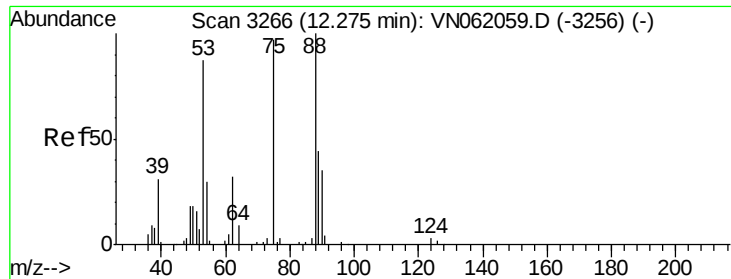
Tgt Ion: 91 Resp: 631226
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.9 50.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 300.693 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062105.D
 Acq: 25 Jun 2020 12:48

Tgt Ion: 105 Resp: 5298196
 Ion Ratio Lower Upper
 105 100
 120 61.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 6.104 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.05 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

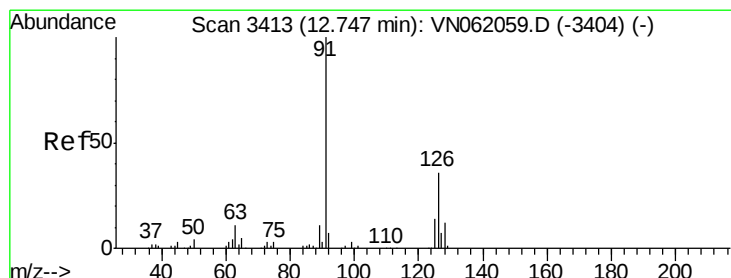
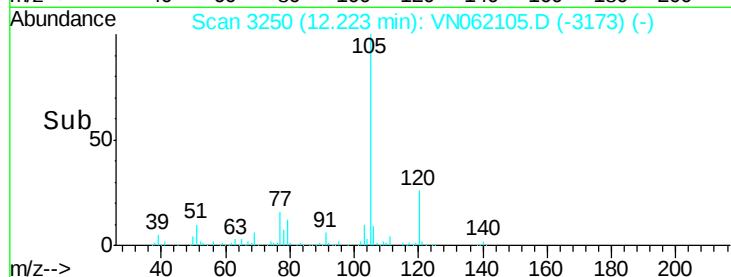
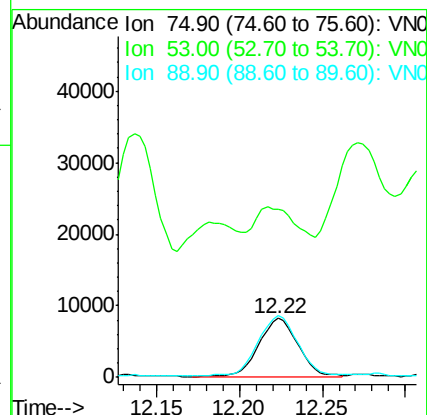
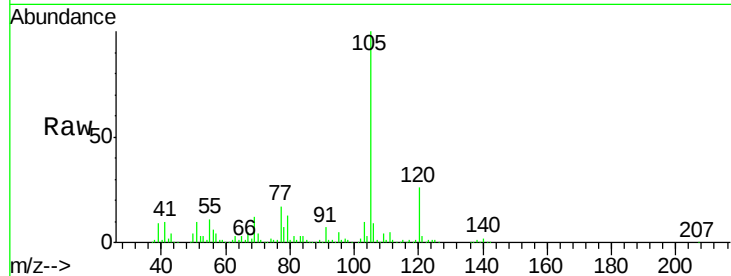
Tgt Ion: 75 Resp: 13815

Ion Ratio Lower Upper

75 100

53 43.9 72.0 108.0#

89 102.7 36.9 55.3#



#82

4-Chlorotoluene

Concen: 47.264 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.04 min

Lab File: VN062105.D

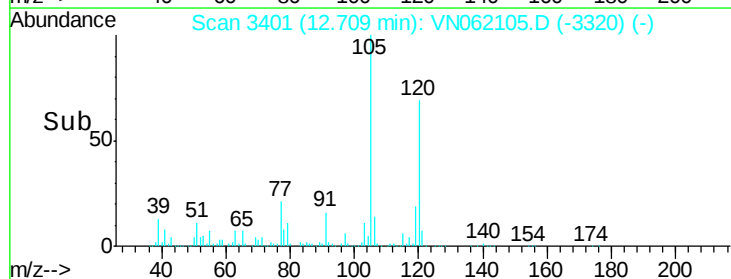
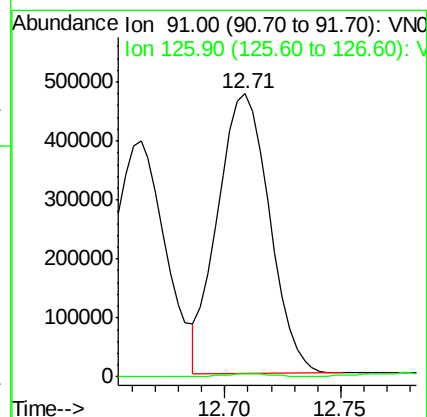
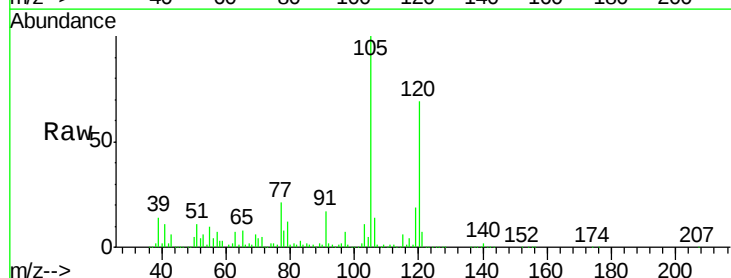
Acq: 25 Jun 2020 12:48

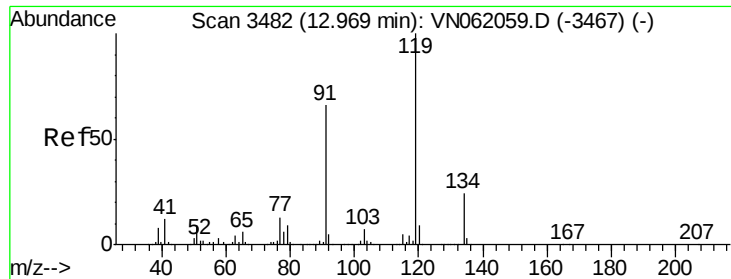
Tgt Ion: 91 Resp: 734627

Ion Ratio Lower Upper

91 100

126 1.1 16.7 50.1#

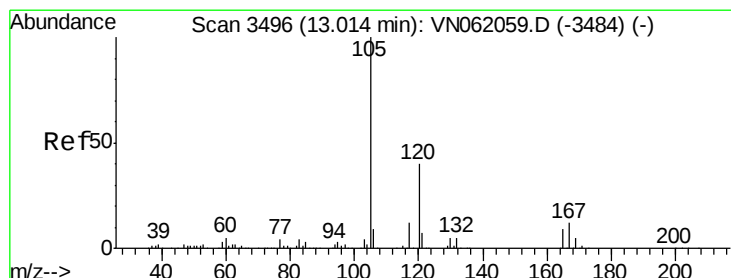
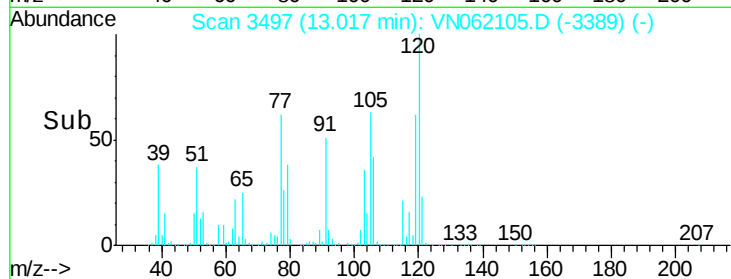
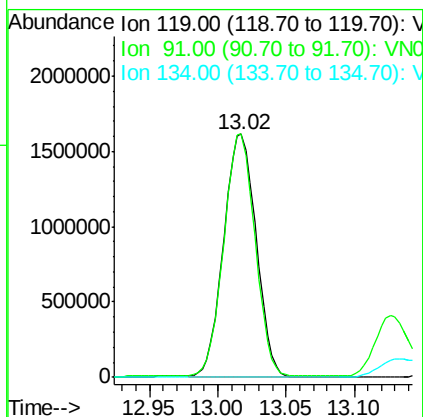
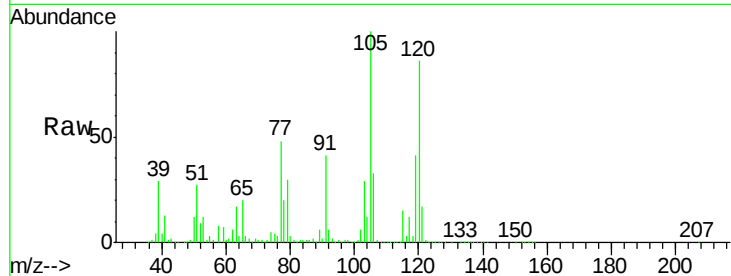




#83
 tert-Butylbenzene
 Concen: 177.658 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.05 min
 Lab File: VN062105.D
 Acq: 25 Jun 2020 12:48

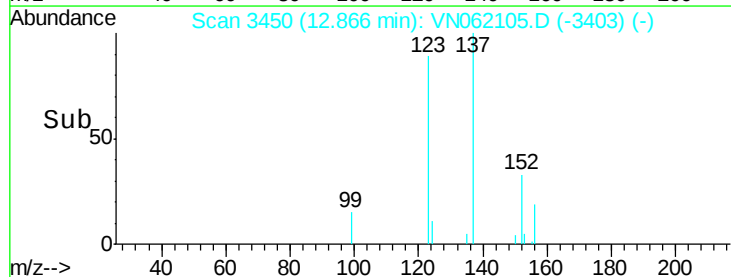
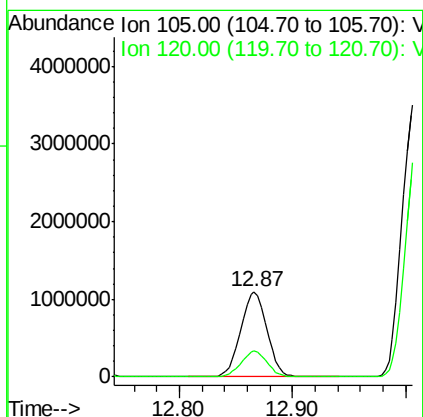
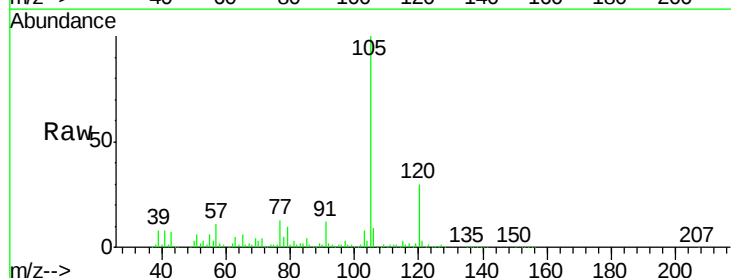
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)

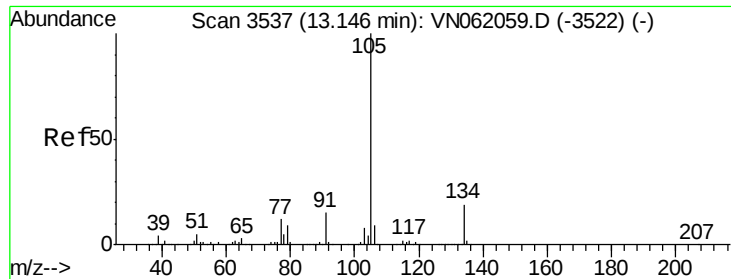
Tgt Ion:119 Resp: 2678948
 Ion Ratio Lower Upper
 119 100
 91 95.1 31.7 95.1#
 134 0.0 13.1 39.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 99.975 ug/l
 RT: 12.87 min Scan# 3450
 Delta R.T. -0.15 min
 Lab File: VN062105.D
 Acq: 25 Jun 2020 12:48

Tgt Ion:105 Resp: 1759345
 Ion Ratio Lower Upper
 105 100
 120 30.2 23.2 69.5

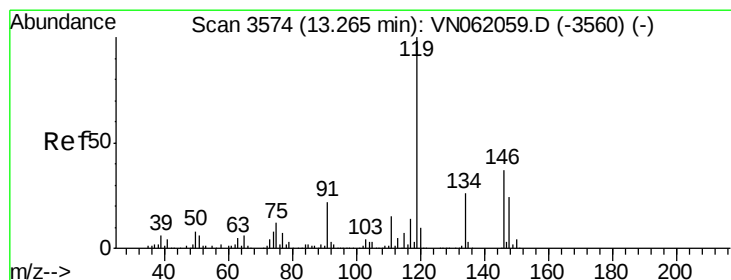
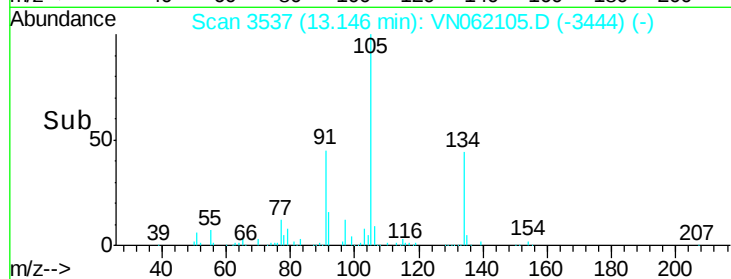
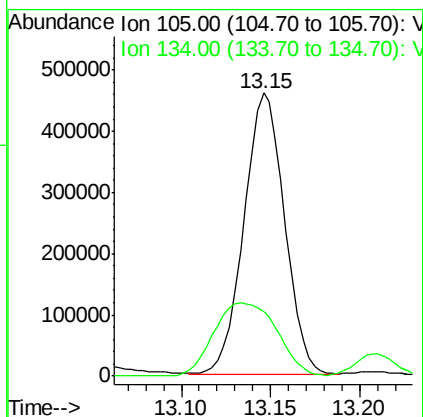
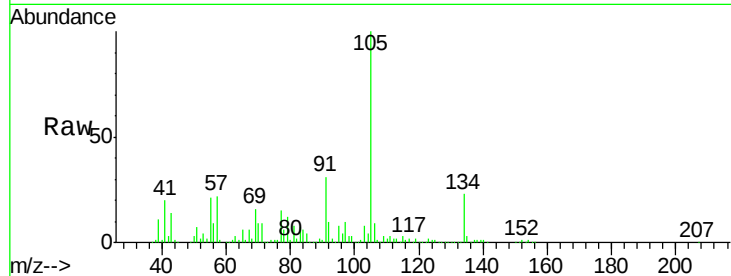




#85
 sec-Butylbenzene
 Concen: 36.594 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062105.D
 Acq: 25 Jun 2020 12:48

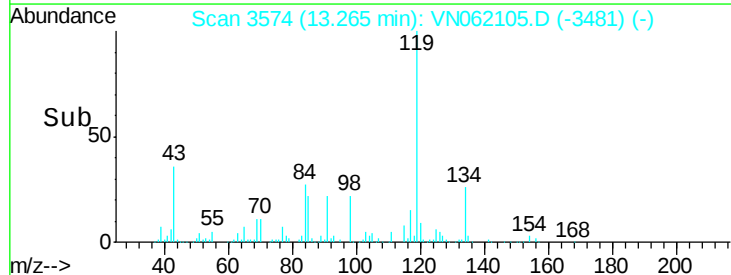
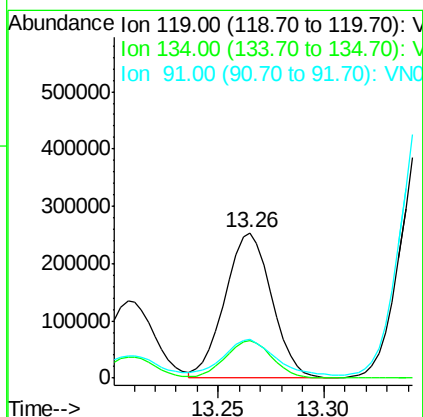
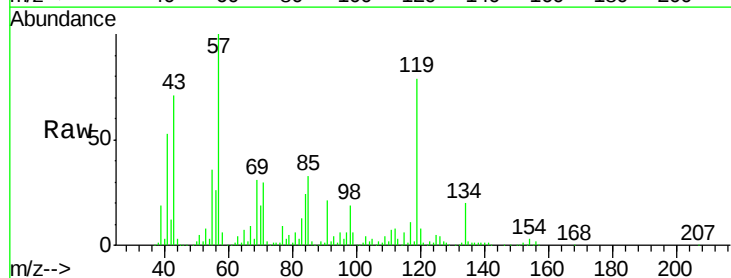
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)

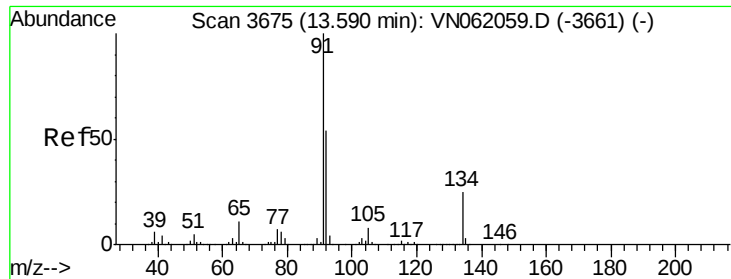
Tgt Ion:105 Resp: 729149
 Ion Ratio Lower Upper
 105 100
 134 40.6 9.7 29.1#



#86
 p-Isopropyltoluene
 Concen: 22.119 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062105.D
 Acq: 25 Jun 2020 12:48

Tgt Ion:119 Resp: 386131
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 25.7 11.3 33.8





#89

n-Butylbenzene

Concen: 123.662 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

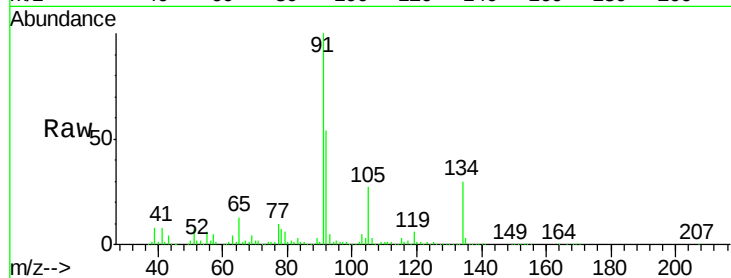
Tgt Ion: 91 Resp: 1794753

Ion Ratio Lower Upper

91 100

92 65.2 26.6 79.7

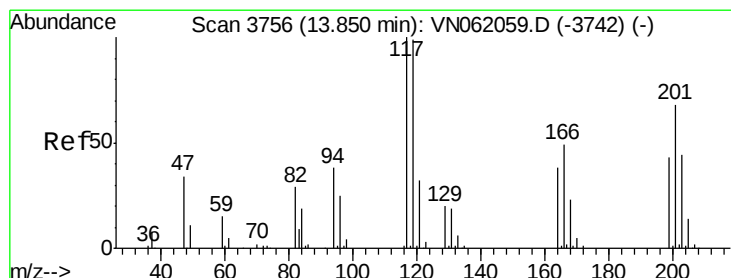
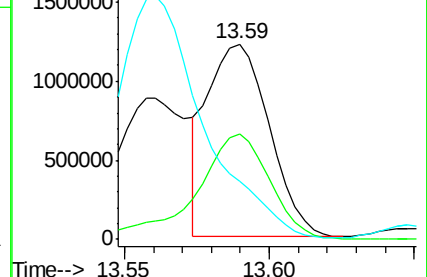
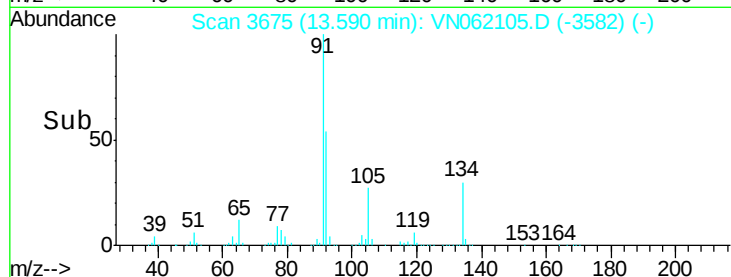
134 0.0 12.3 36.9#



Abundance Ion 91.00 (90.70 to 91.70): VN062105.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062105.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062105.D (-3661) (-)



#90

Hexachloroethane

Concen: 191.662 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN062105.D

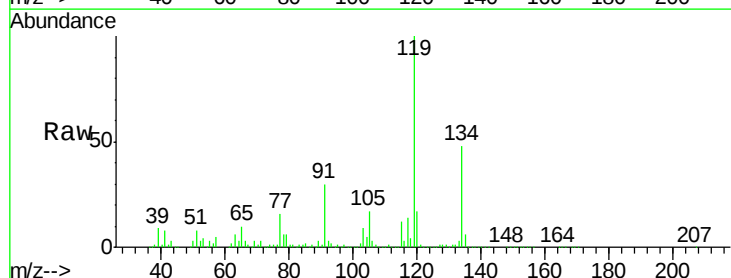
Acq: 25 Jun 2020 12:48

Tgt Ion: 117 Resp: 656450

Ion Ratio Lower Upper

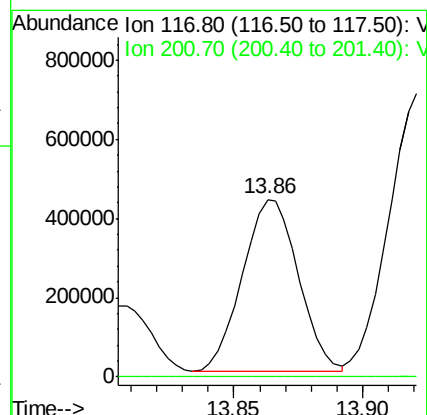
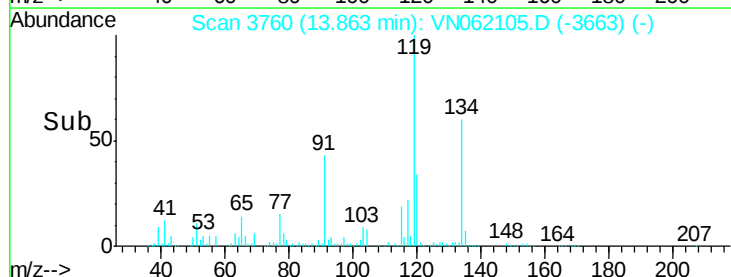
117 100

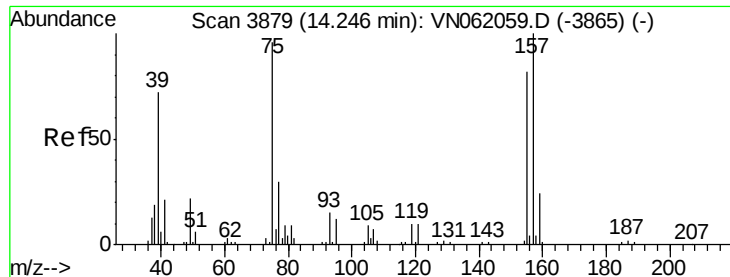
201 0.0 32.7 98.1#



Abundance Ion 116.80 (116.50 to 117.50): VN062105.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062105.D (-3742) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 14.137 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.03 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

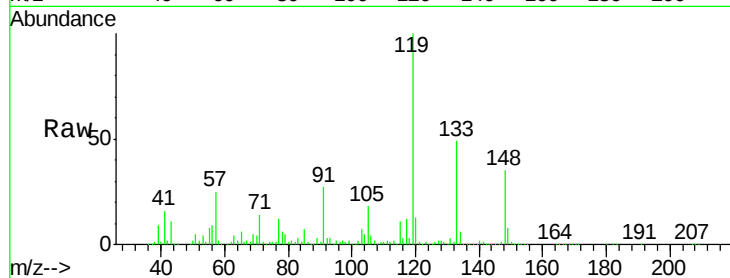
Tgt Ion: 75 Resp: 16380

Ion Ratio Lower Upper

75 100

155 5.3 40.8 122.4#

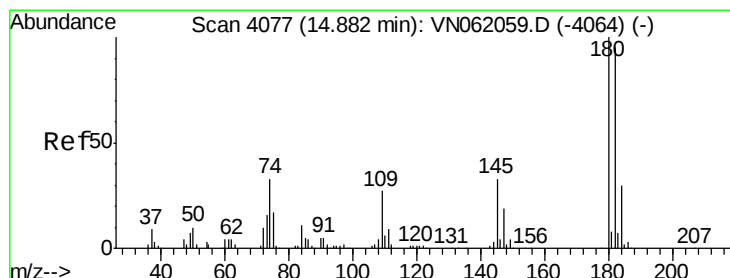
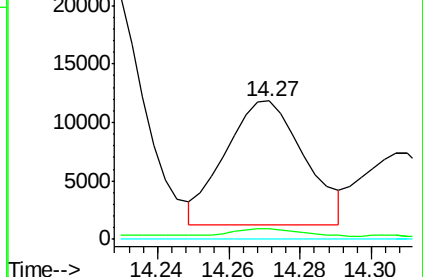
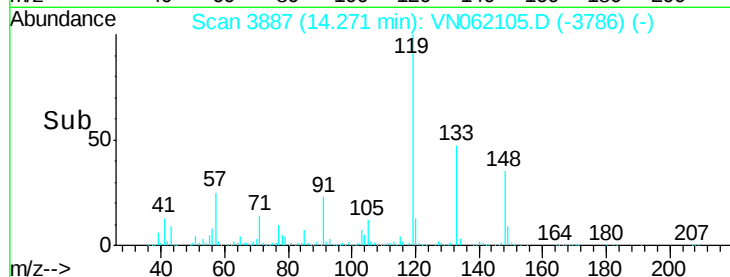
157 0.0 51.4 154.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062105.D (-3887) (-)

Ion 154.80 (154.50 to 155.50): VN062105.D (-3887) (-)

Ion 156.80 (156.50 to 157.50): VN062105.D (-3887) (-)



#93

1,2,4-Trichlorobenzene

Concen: 1.012 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. -0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

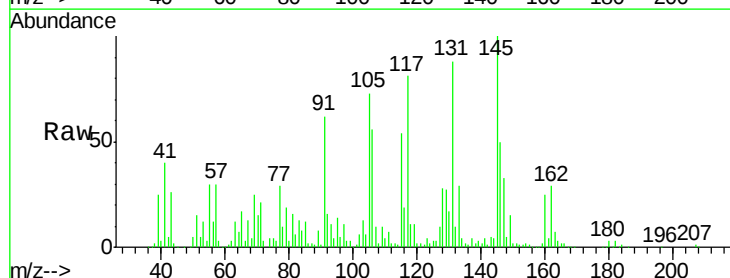
Tgt Ion: 180 Resp: 4064

Ion Ratio Lower Upper

180 100

182 87.7 48.0 144.2

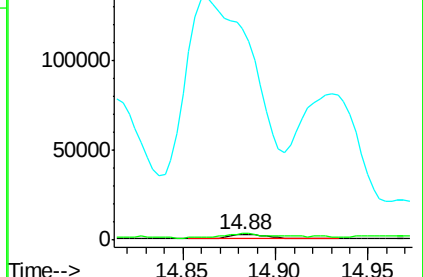
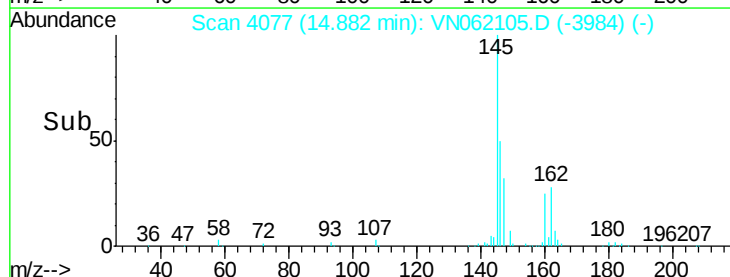
145 8159.8 16.0 48.0#

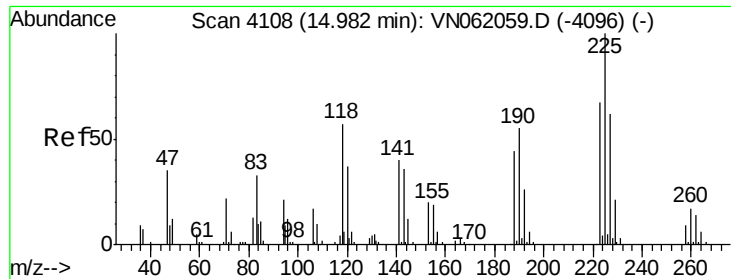


Abundance Ion 179.80 (179.50 to 180.50): VN062105.D (-4077) (-)

Ion 181.80 (181.50 to 182.50): VN062105.D (-4077) (-)

Ion 144.80 (144.50 to 145.50): VN062105.D (-4077) (-)





#94

Hexachlorobutadiene

Concen: 0.534 ug/l

RT: 14.98 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

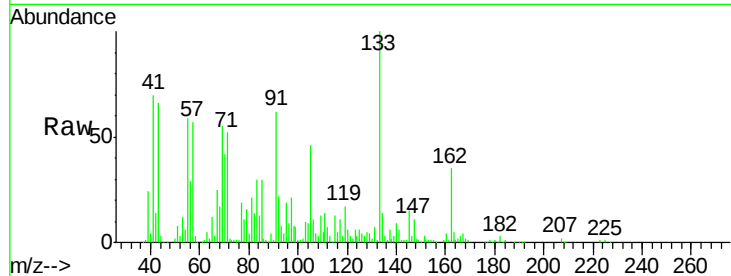
Tgt Ion:225 Resp: 931

Ion Ratio Lower Upper

225 100

223 51.9 32.9 98.7

227 52.7 31.3 93.8

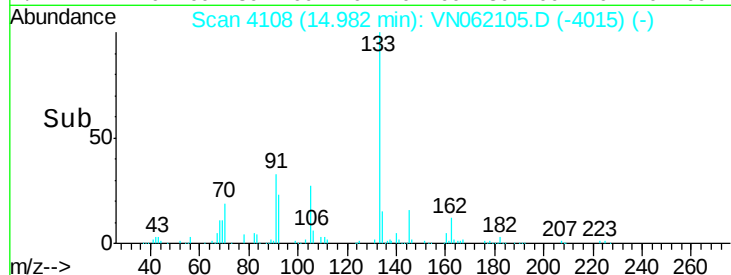


Abundance Ion 224.70 (224.40 to 225.40): V

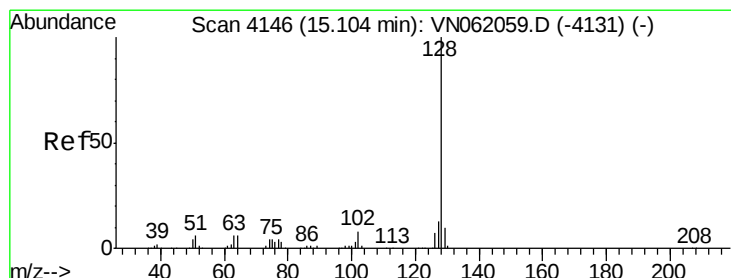
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

Time-->



Time-->



#95

Naphthalene

Concen: 377.792 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

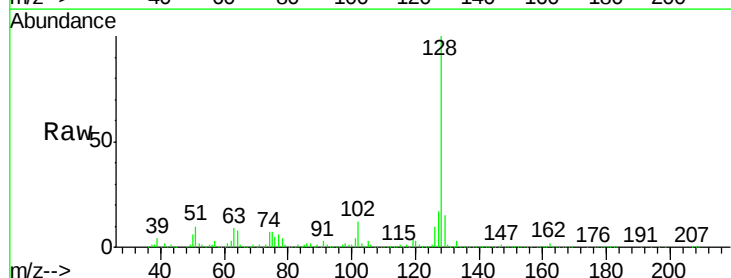
Tgt Ion:128 Resp: 5437309

Ion Ratio Lower Upper

128 100

127 15.2 10.5 15.7

129 13.3 8.6 13.0#

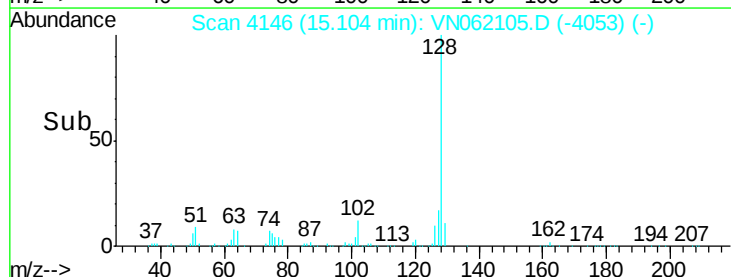


Abundance Ion 128.00 (127.70 to 128.70): V

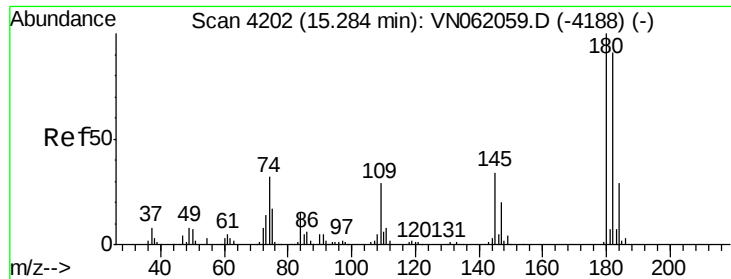
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

Time-->



Time-->



#96
 1,2,3-Trichlorobenzene
 Concen: 0.918 ug/l
 RT: 15.28 min Scan# 4202
 Delta R.T. -0.00 min
 Lab File: VN062105.D
 Acq: 25 Jun 2020 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)

Tgt Ion:180 Resp: 3768
 Ion Ratio Lower Upper
 180 100
 182 80.6 46.8 140.4
 145 5205.8 16.4 49.2#

