

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062107.D
 Acq On : 25 Jun 2020 13:40
 Operator : JC/MD
 Sample : L3020-19MSD
 Misc : 5.86g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 26 01:45:51 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	271327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	507688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	503181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	269326	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	211130	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	
35) Dibromofluoromethane	7.54	113	162190	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	10.06	98	720385	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	
62) 4-Bromofluorobenzene	12.38	95	295536	67.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	144441	47.097	ug/l	98
3) Chloromethane	2.04	50	214952	59.796	ug/l	98
4) Vinyl Chloride	2.16	62	232521	48.144	ug/l	100
5) Bromomethane	2.48	94	33577	10.757	ug/l	97
6) Chloroethane	2.62	64	18514	5.612	ug/l	92
7) Trichlorofluoromethane	2.92	101	318681	53.549	ug/l	100
8) Diethyl Ether	3.36	74	116074	55.857	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.68	101	139041	44.615	ug/l	99
10) Methyl Iodide	3.88	142	149635	42.634	ug/l	99
11) Tert butyl alcohol	4.68	59	11723	21.444	ug/l #	72
12) 1,1-Dichloroethene	3.66	96	157241	50.471	ug/l	99
13) Acrolein	3.56	56	124870	233.296	ug/l	99
14) Allyl chloride	4.26	41	222712	52.505	ug/l	99
15) Acrylonitrile	4.93	53	408483	274.195	ug/l	99
16) Acetone	3.78	43	330259	276.764	ug/l	96
17) Carbon Disulfide	3.98	76	458463	51.375	ug/l	99
18) Methyl Acetate	4.27	43	179562	59.323	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	544417	54.686	ug/l	95
20) Methylene Chloride	4.49	84	183059	52.382	ug/l	94
21) trans-1,2-Dichloroethene	4.97	96	169349	47.715	ug/l	92
22) Diisopropyl ether	5.90	45	527713	54.640	ug/l	98
23) Vinyl Acetate	5.84	43	2221151	281.687	ug/l	98
24) 1,1-Dichloroethane	5.79	63	310571	49.938	ug/l	99
25) 2-Butanone	6.79	43	487996	262.206	ug/l	96
26) 2,2-Dichloropropane	6.77	77	152411	29.409	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	193118	48.355	ug/l	97
28) Bromochloromethane	7.15	49	131311	48.663	ug/l	95
29) Tetrahydrofuran	7.17	42	331858	272.211	ug/l	99
30) Chloroform	7.32	83	308693	48.786	ug/l	98
31) Cyclohexane	7.60	56	309472	58.828	ug/l	94
32) 1,1,1-Trichloroethane	7.52	97	253925	47.586	ug/l	99
36) 1,1-Dichloropropene	7.75	75	228692	44.815	ug/l	99
37) Ethyl Acetate	6.88	43	219098	51.850	ug/l	99
38) Carbon Tetrachloride	7.72	117	209398	43.525	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	600624	107.421	ug/l	97
40) Benzene	7.99	78	715770	46.019	ug/l	98
41) Methacrylonitrile	7.12	41	78877	40.264	ug/l	86
42) 1,2-Dichloroethane	8.08	62	245947	46.802	ug/l	96
43) Isopropyl Acetate	8.13	43	430845	62.547	ug/l #	92
44) Trichloroethene	8.80	130	171077	43.603	ug/l	99
45) 1,2-Dichloropropane	9.08	63	186304	48.552	ug/l	99
46) Dibromomethane	9.17	93	118859	45.686	ug/l	98
47) Bromodichloromethane	9.37	83	266296	50.693	ug/l	99
48) Methyl methacrylate	9.17	41	179342	58.066	ug/l	84
49) 1,4-Dioxane	9.17	88	63794	931.400	ug/l #	89
51) 4-Methyl-2-Pentanone	9.96	43	1145657	284.664	ug/l	97
52) Toluene	10.12	92	469612	49.484	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	269276	46.593	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	286209	46.516	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	153311	41.097	ug/l #	85
56) Ethyl methacrylate	10.40	69	316173	63.508	ug/l	87
57) 1,3-Dichloropropane	10.68	76	317493	49.445	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	614105	287.165	ug/l	99
59) 2-Hexanone	10.73	43	758180	260.888	ug/l	99
60) Dibromochloromethane	10.87	129	187653	47.512	ug/l	97
61) 1,2-Dibromoethane	10.98	107	189809	49.518	ug/l #	76
64) Tetrachloroethene	10.60	164	140959	41.010	ug/l	97
65) Chlorobenzene	11.41	112	497941	45.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	177097	46.349	ug/l	99
67) Ethyl Benzene	11.48	91	2293003	122.870	ug/l	100
68) m/p-Xylenes	11.60	106	1054882	146.143	ug/l	97
69) o-Xylene	11.92	106	352742	51.795	ug/l	97
70) Styrene	11.94	104	609018	53.620	ug/l	98
71) Bromoform	12.10	173	130626	48.083	ug/l #	98
73) Isopropylbenzene	12.22	105	1350200	64.764	ug/l	100
74) N-amyl acetate	12.05	43	255548	34.415	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.48	83	284609	41.024	ug/l	85
76) 1,2,3-Trichloropropane	12.53	75	378131	59.641	ug/l #	100
77) Bromobenzene	12.50	156	243739	47.091	ug/l	91
78) n-propylbenzene	12.57	91	3075247	128.957	ug/l	99
79) 2-Chlorotoluene	12.65	91	829091	57.509	ug/l	85
80) 1,3,5-Trimethylbenzene	12.71	105	2962005	175.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	82190	37.858	ug/l #	77
82) 4-Chlorotoluene	12.75	91	683222	45.828	ug/l	100
83) tert-Butylbenzene	12.97	119	671422	46.422	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	5982287	354.417	ug/l	80
85) sec-Butylbenzene	13.15	105	1192881	62.416	ug/l	88
86) p-Isopropyltoluene	13.26	119	974400	58.193	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	409714	45.079	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	411273	43.898	ug/l	98
89) n-Butylbenzene	13.59	91	2136859	153.501	ug/l #	74
90) Hexachloroethane	13.86	117	391113	119.053	ug/l #	48
91) 1,2-Dichlorobenzene	13.63	146	416381	47.244	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.24	75	91982	82.764	ug/l	71

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	266563	69.234	ug/l #	74
94) Hexachlorobutadiene	14.98	225	99585	59.551	ug/l	99
95) Naphthalene	15.10	128	3420321	249.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	264854	67.275	ug/l #	84

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

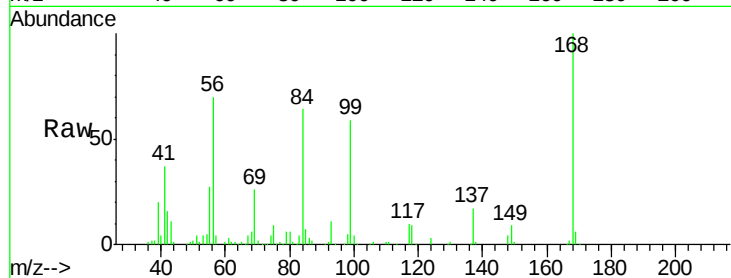
MW-27(16.5-18.5)MSD

Tgt Ion:168 Resp: 271327

Ion Ratio Lower Upper

168 100

99 58.7 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

120000

100000

80000

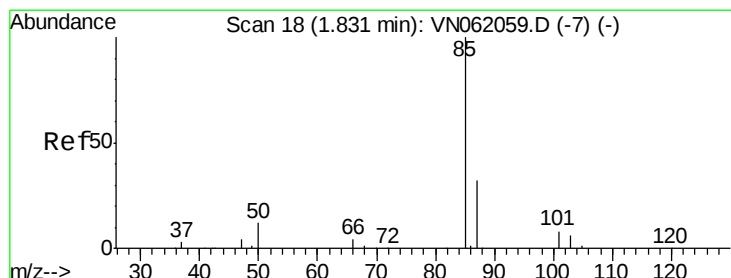
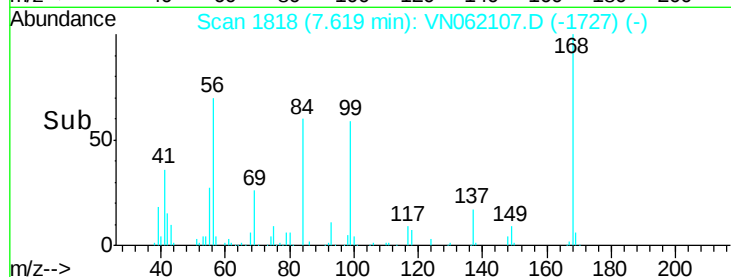
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.097 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN062107.D

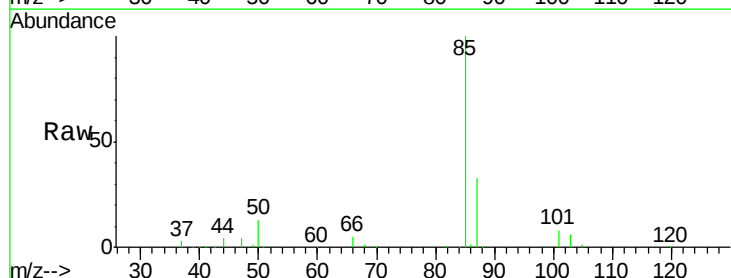
Acq: 25 Jun 2020 13:40

Tgt Ion: 85 Resp: 144441

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

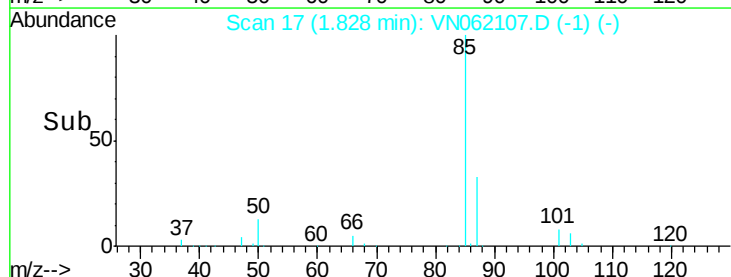
60000

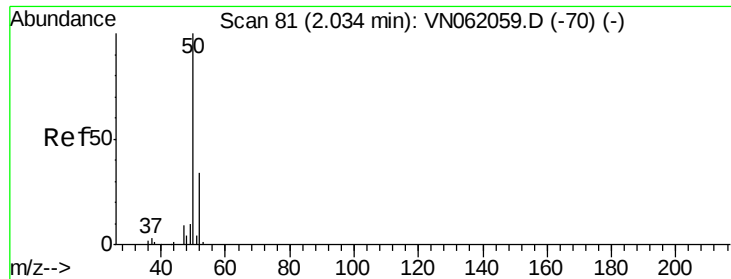
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 59.796 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

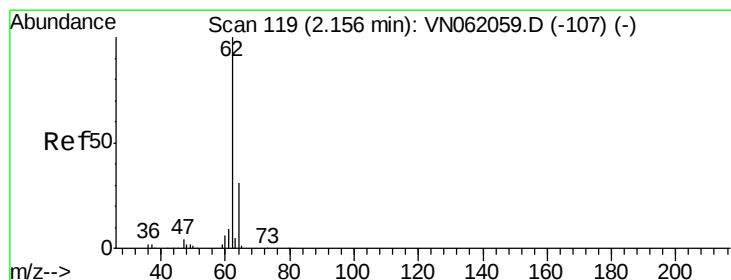
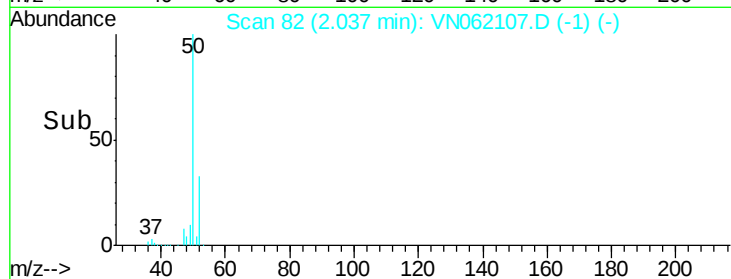
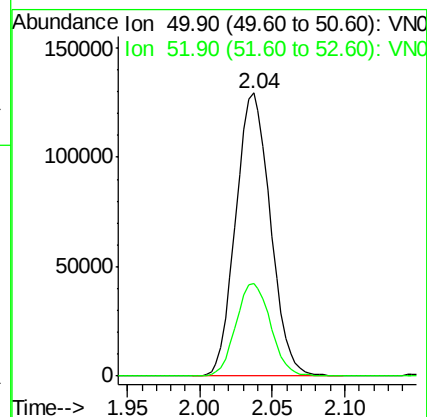
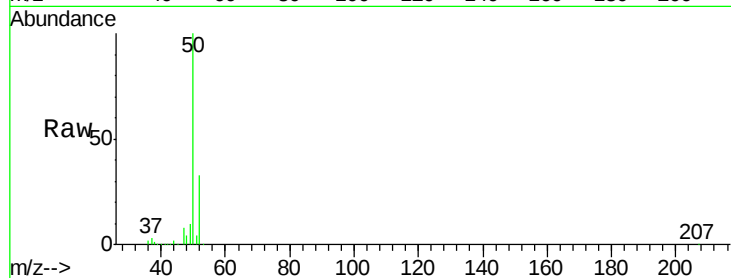
MW-27(16.5-18.5)MSD

Tgt Ion: 50 Resp: 214952

Ion Ratio Lower Upper

50 100

52 32.7 27.0 40.6



#4

Vinyl Chloride

Concen: 48.144 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.01 min

Lab File: VN062107.D

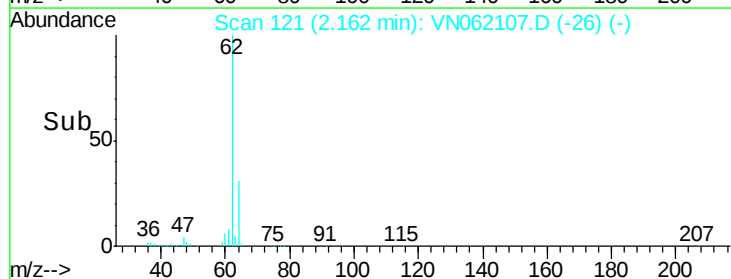
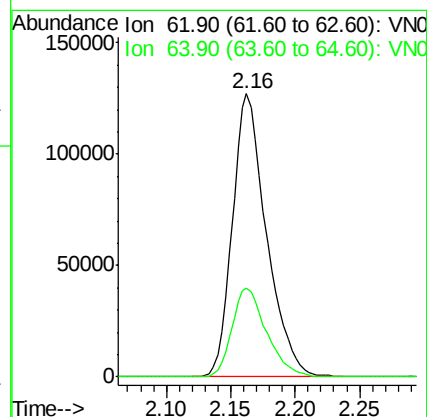
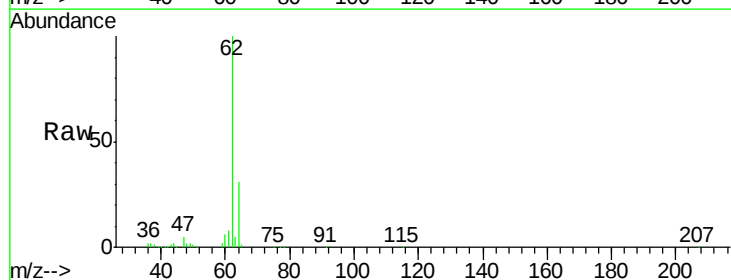
Acq: 25 Jun 2020 13:40

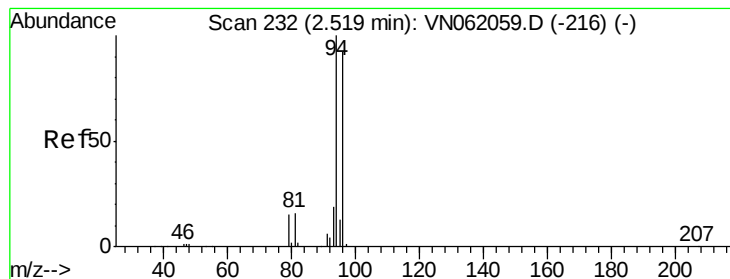
Tgt Ion: 62 Resp: 232521

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 10.757 ug/l

RT: 2.48 min Scan# 221

Delta R.T. -0.04 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

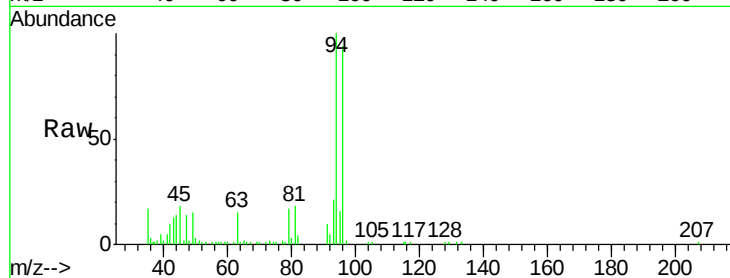
MW-27(16.5-18.5)MSD

Tgt Ion: 94 Resp: 33577

Ion Ratio Lower Upper

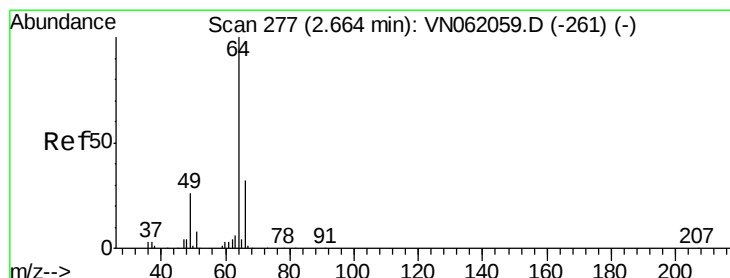
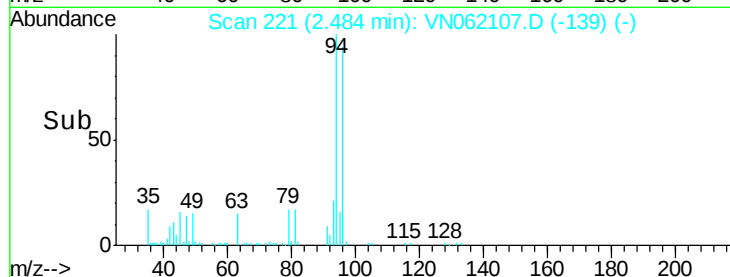
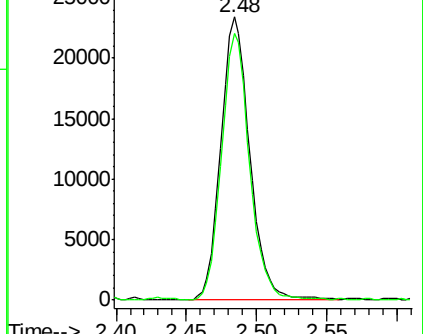
94 100

96 94.4 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 5.612 ug/l

RT: 2.62 min Scan# 262

Delta R.T. -0.05 min

Lab File: VN062107.D

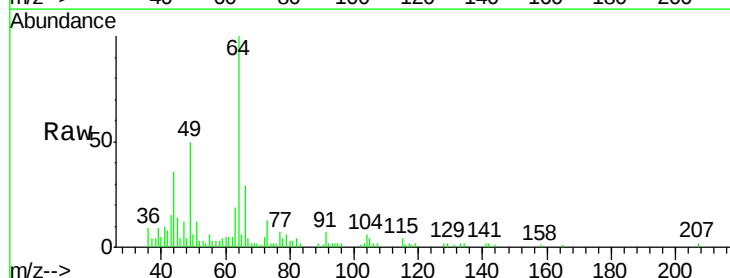
Acq: 25 Jun 2020 13:40

Tgt Ion: 64 Resp: 18514

Ion Ratio Lower Upper

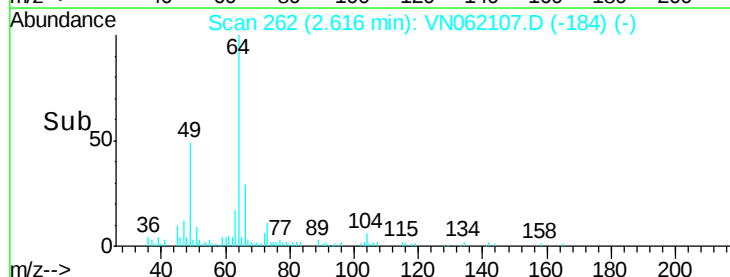
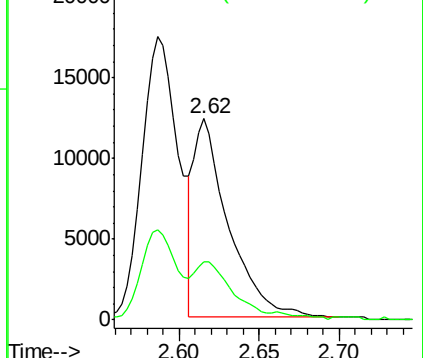
64 100

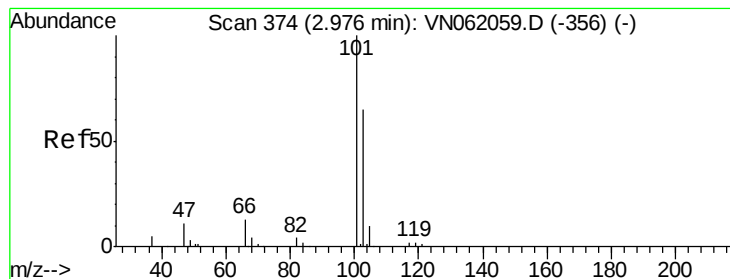
66 27.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



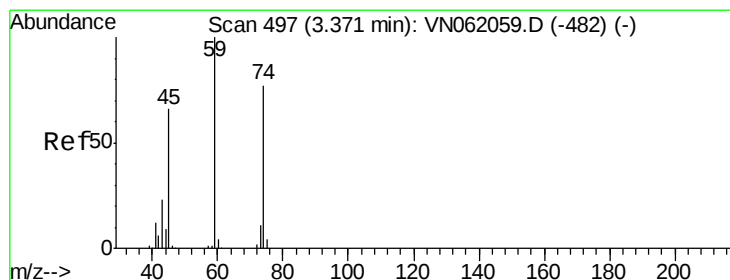
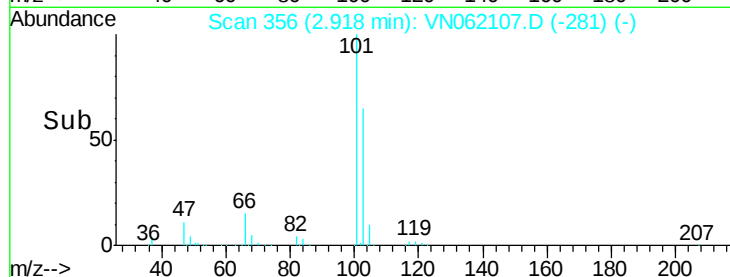
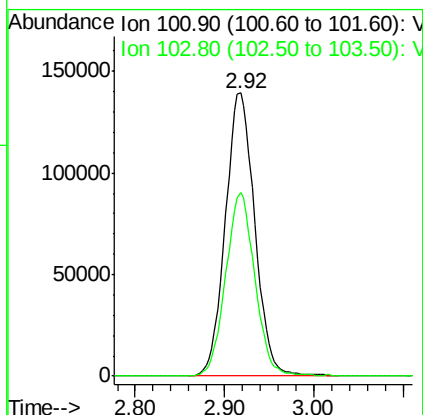
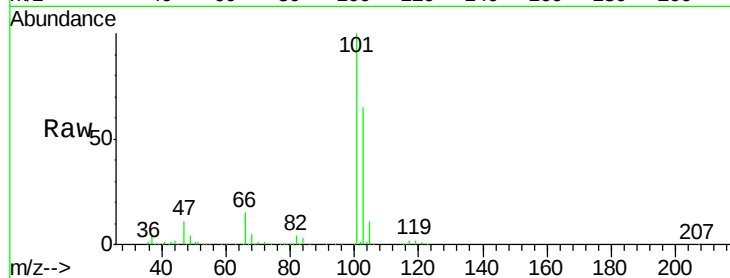


#7

Trichlorofluoromethane
Concen: 53.549 ug/l
RT: 2.92 min Scan# 356
Delta R.T. -0.06 min
Lab File: VN062107.D
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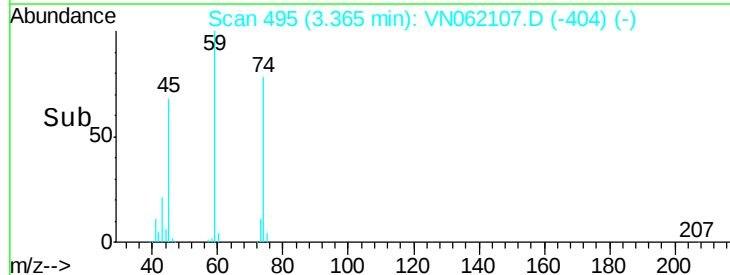
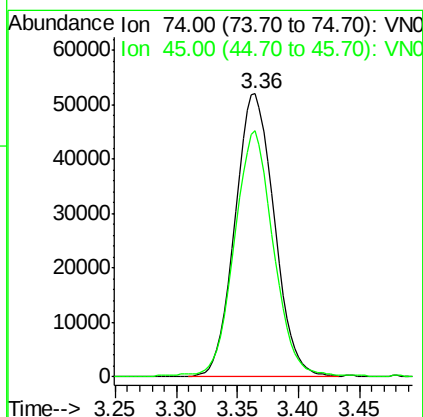
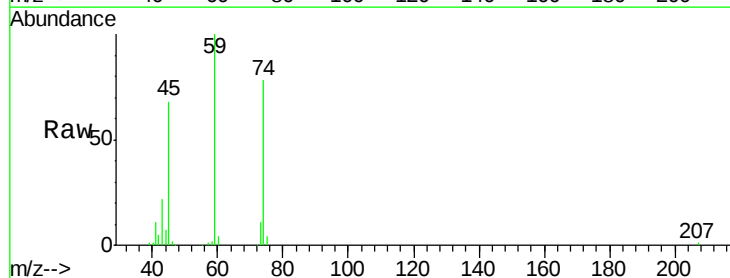
Tgt Ion:101 Resp: 318681
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

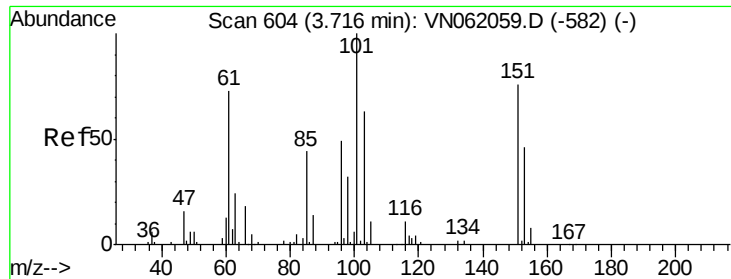


#8

Diethyl Ether
Concen: 55.857 ug/l
RT: 3.36 min Scan# 495
Delta R.T. -0.01 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

Tgt Ion: 74 Resp: 116074
Ion Ratio Lower Upper
74 100
45 84.3 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.615 ug/l

RT: 3.68 min Scan# 594

Delta R.T. -0.03 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MSD

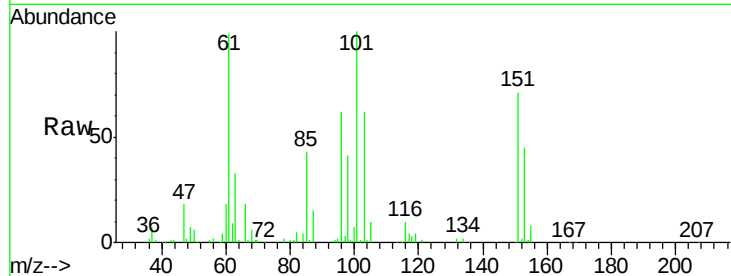
Tgt Ion:101 Resp: 139041

Ion Ratio Lower Upper

101 100

85 43.6 34.5 51.7

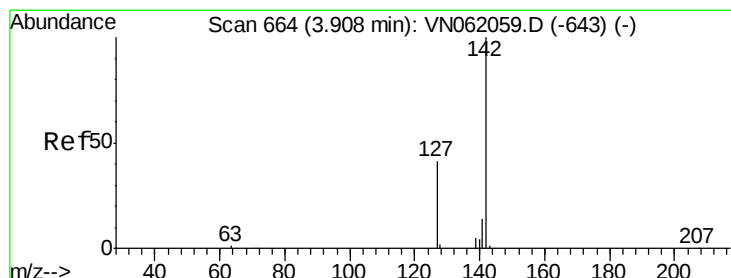
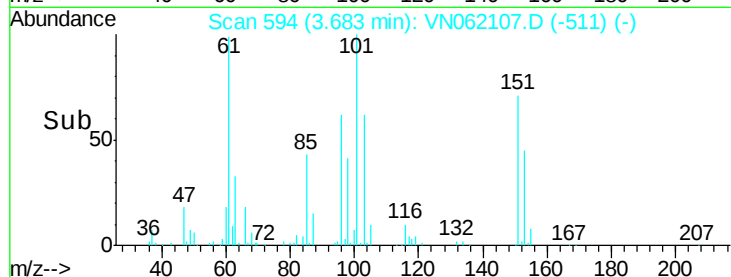
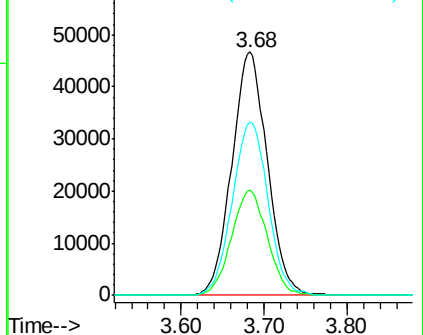
151 71.7 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.634 ug/l

RT: 3.88 min Scan# 656

Delta R.T. -0.03 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

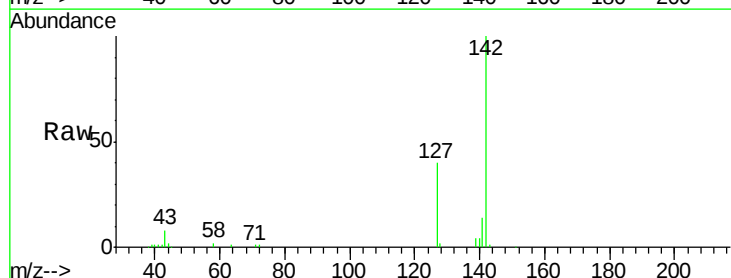
Tgt Ion:142 Resp: 149635

Ion Ratio Lower Upper

142 100

127 41.2 33.6 50.4

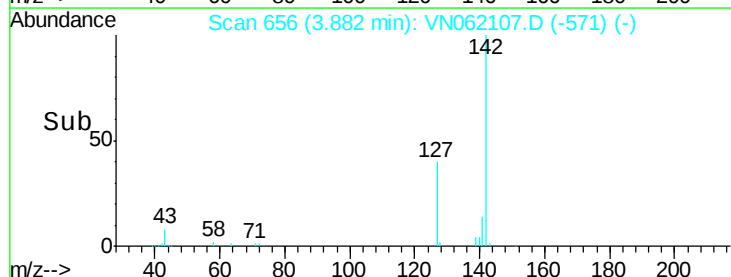
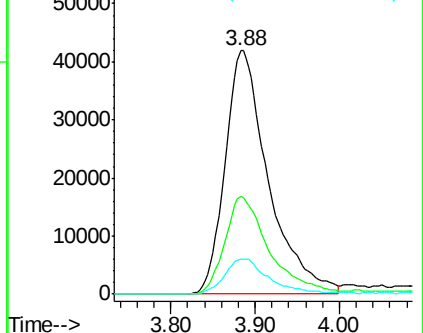
141 14.7 11.3 16.9

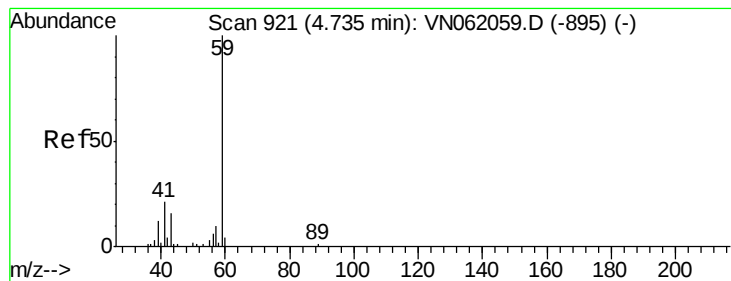


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



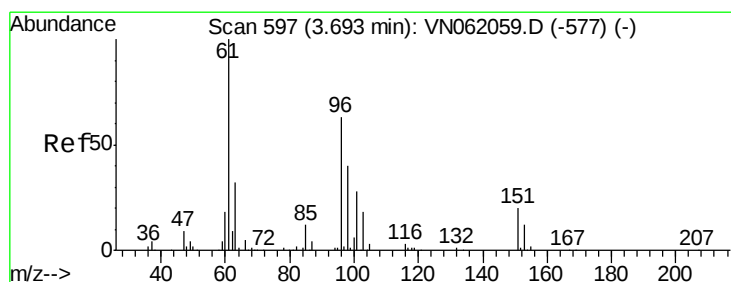
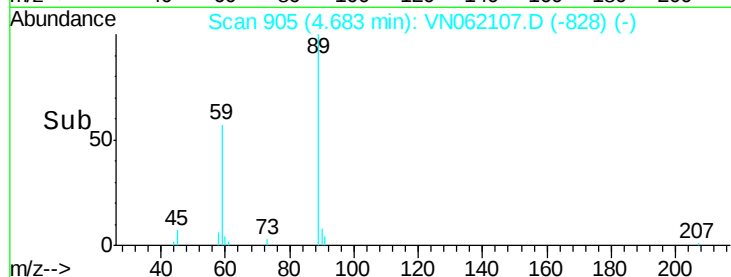
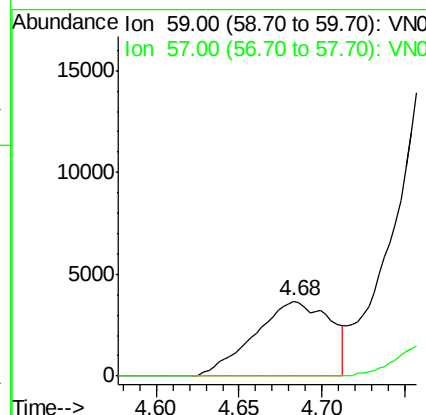
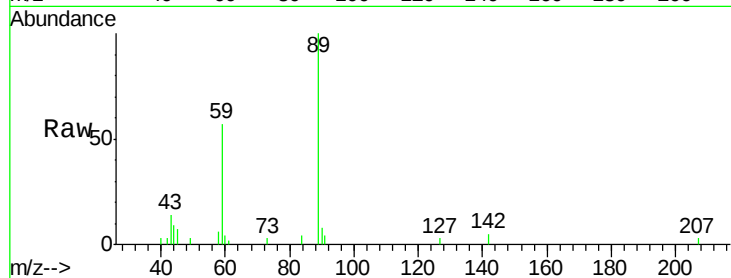


#11

Tert butyl alcohol
 Concen: 21.444 ug/l
 RT: 4.68 min Scan# 905
 Delta R.T. -0.05 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

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

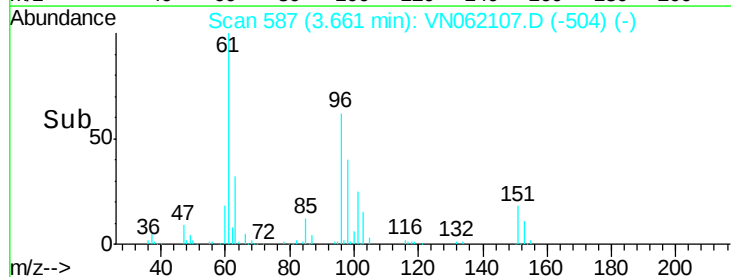
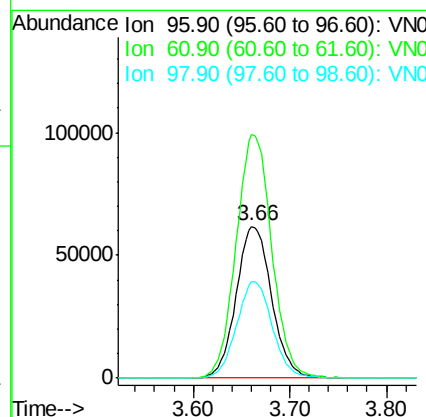
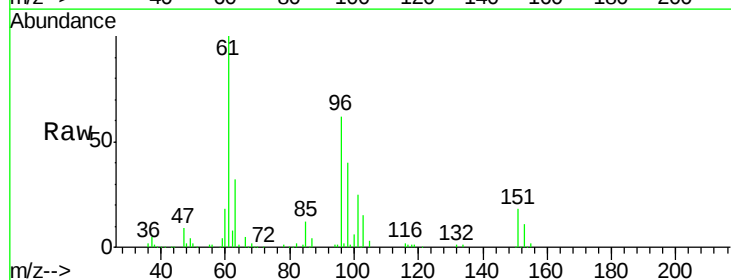
Tgt Ion: 59 Resp: 11723
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

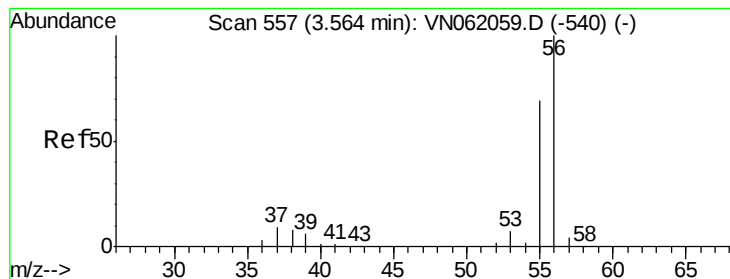


#12

1,1-Dichloroethene
 Concen: 50.471 ug/l
 RT: 3.66 min Scan# 587
 Delta R.T. -0.03 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

Tgt Ion: 96 Resp: 157241
 Ion Ratio Lower Upper
 96 100
 61 160.8 126.7 190.1
 98 63.7 51.0 76.4





#13

Acrolein

Concen: 233.296 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

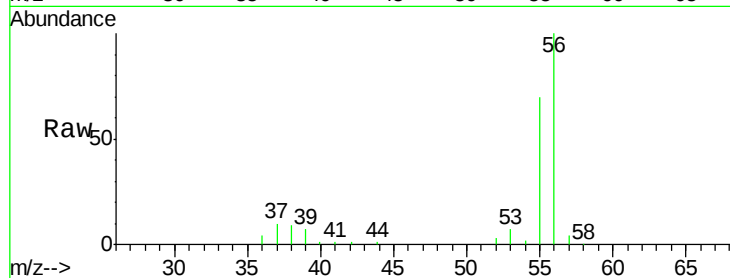
MW-27(16.5-18.5)MSD

Tgt Ion: 56 Resp: 124870

Ion Ratio Lower Upper

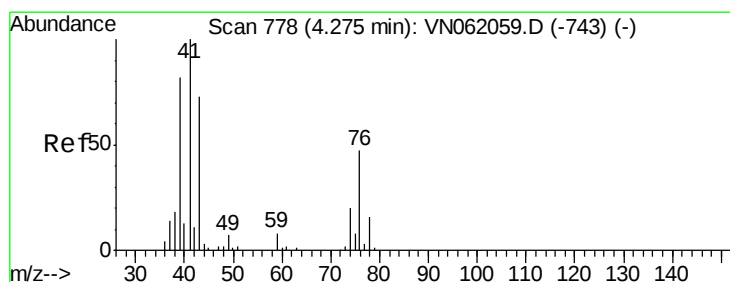
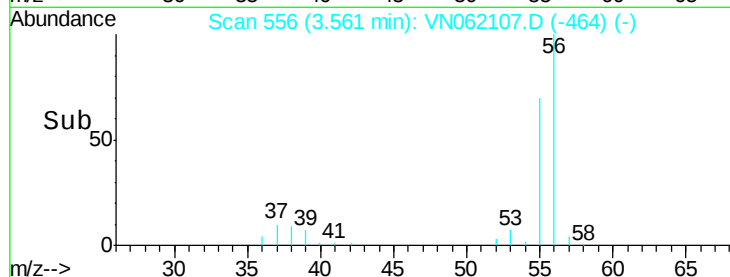
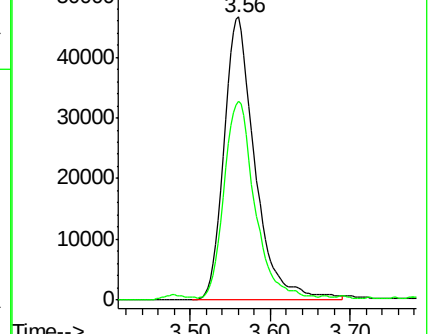
56 100

55 68.3 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 52.505 ug/l

RT: 4.26 min Scan# 772

Delta R.T. -0.02 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

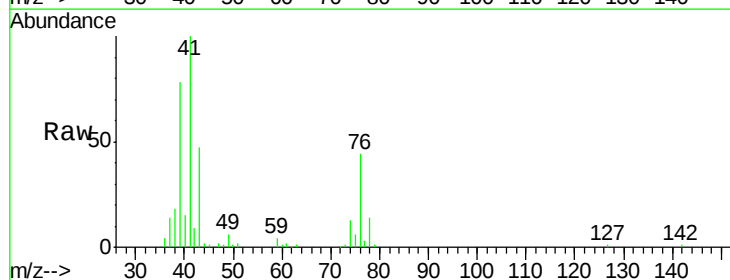
Tgt Ion: 41 Resp: 222712

Ion Ratio Lower Upper

41 100

39 74.8 60.0 90.0

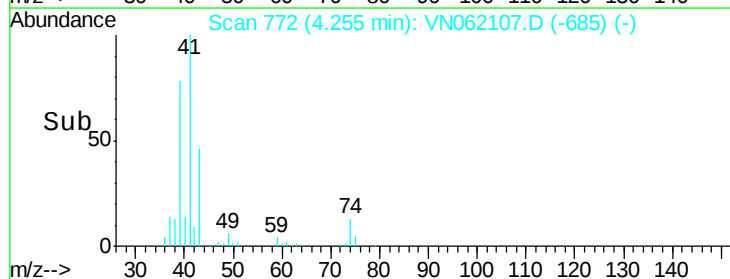
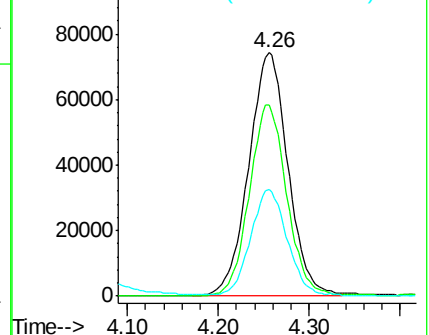
76 40.3 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 274.195 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MSD

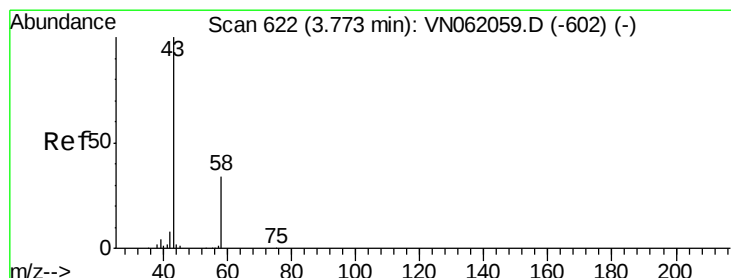
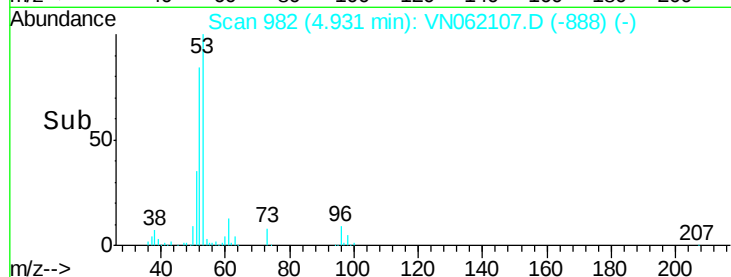
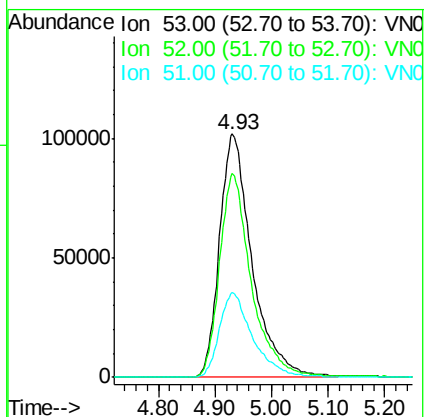
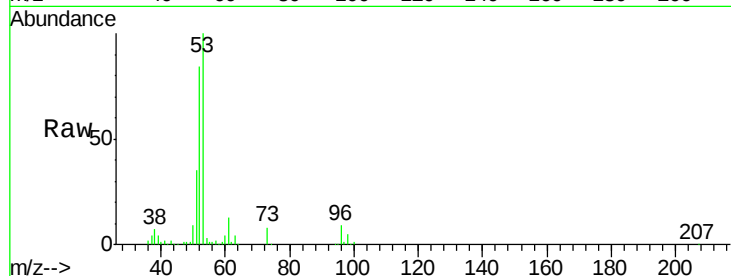
Tgt Ion: 53 Resp: 408483

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.4

51 34.9 28.9 43.3



#16

Acetone

Concen: 276.764 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062107.D

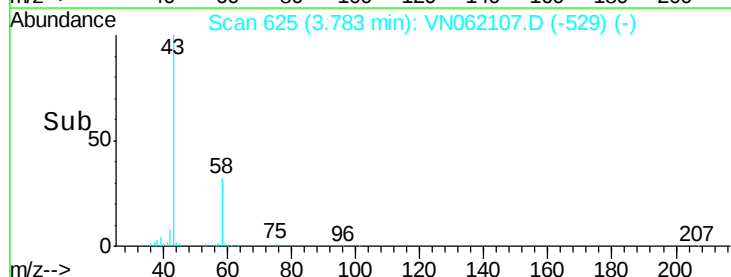
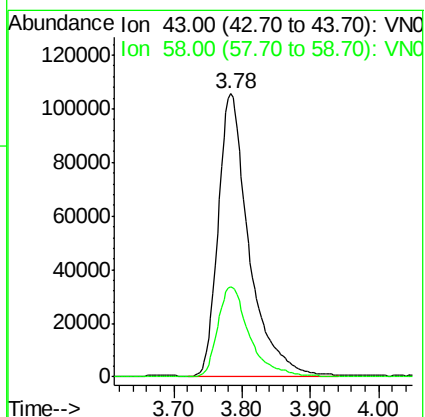
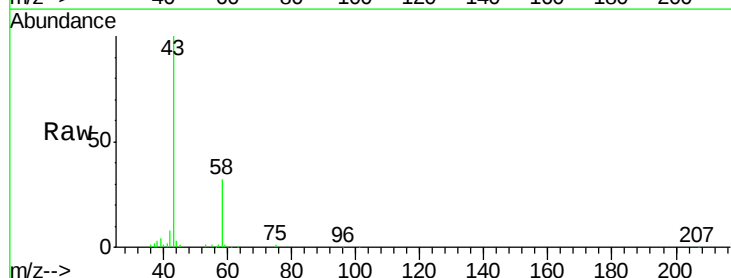
Acq: 25 Jun 2020 13:40

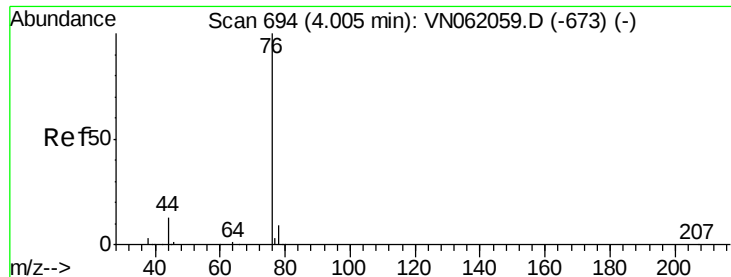
Tgt Ion: 43 Resp: 330259

Ion Ratio Lower Upper

43 100

58 31.8 27.5 41.3

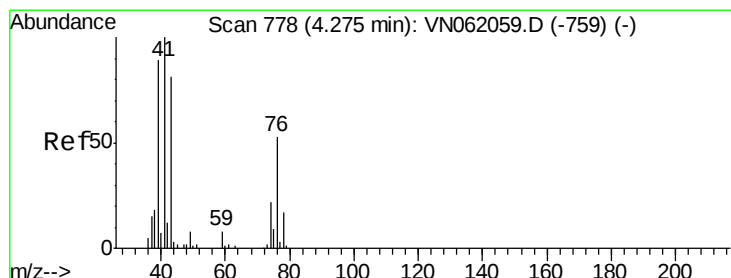
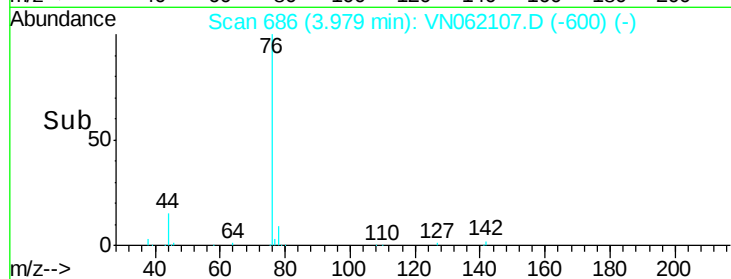
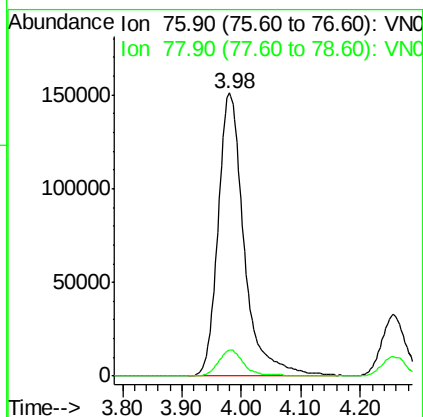
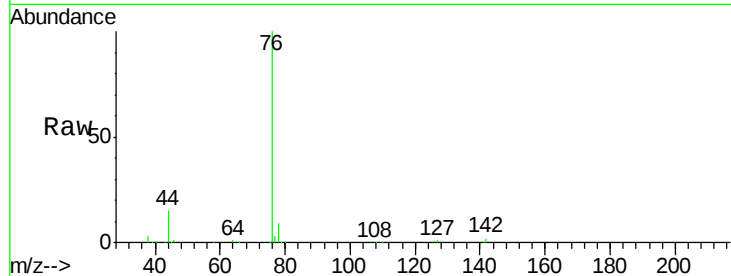




#17
Carbon Disulfide
Concen: 51.375 ug/l
RT: 3.98 min Scan# 686
Delta R.T. -0.03 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

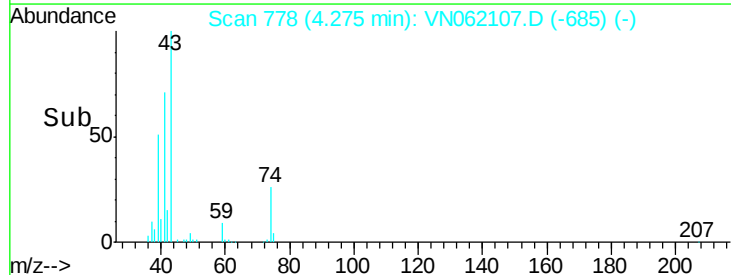
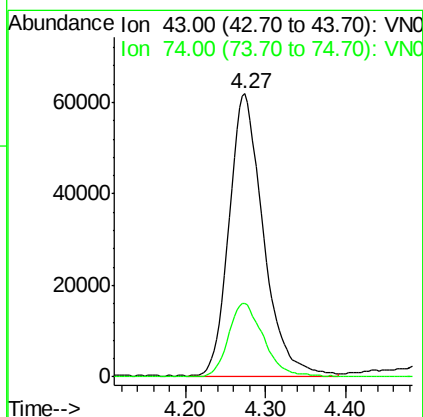
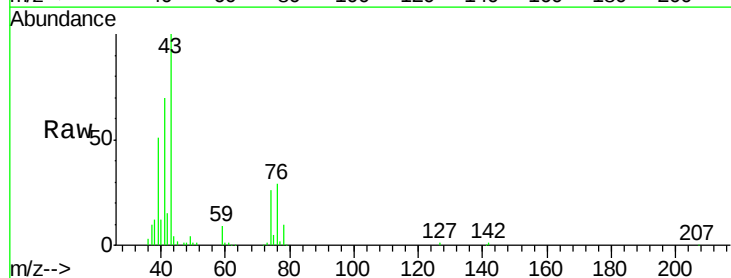
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MSD

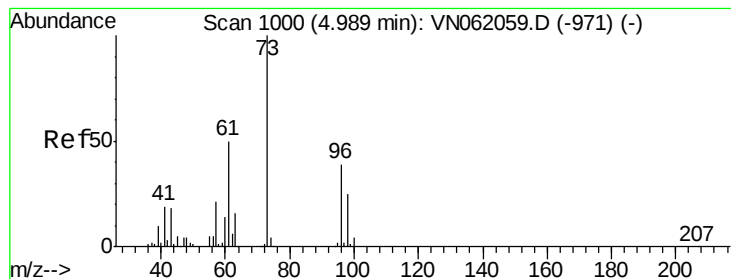
Tgt Ion: 76 Resp: 458463
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 59.323 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

Tgt Ion: 43 Resp: 179562
Ion Ratio Lower Upper
43 100
74 27.0 22.9 34.3





#19

Methyl tert-butyl Ether

Concen: 54.686 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

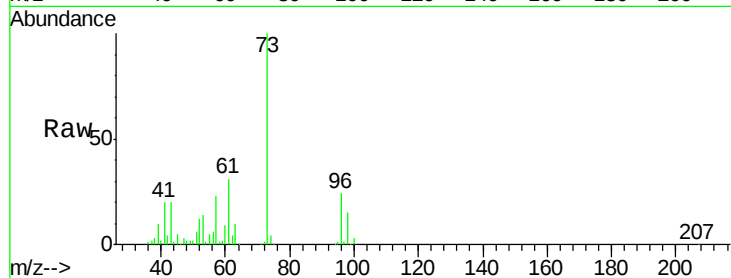
MW-27(16.5-18.5)MSD

Tgt Ion: 73 Resp: 544417

Ion Ratio Lower Upper

73 100

57 23.0 16.6 24.8



Abundance Ion 73.00 (72.70 to 73.70): VN062107.D (-907) (-)

Ion 57.00 (56.70 to 57.70): VN062107.D (-907) (-)

4.99

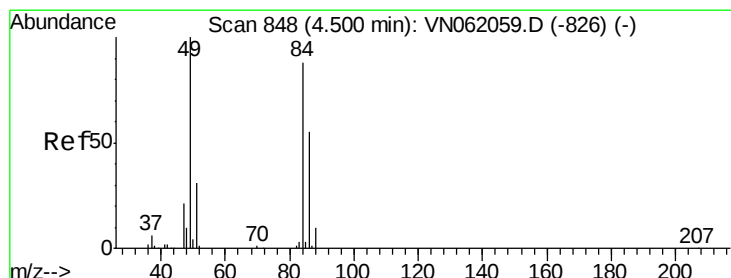
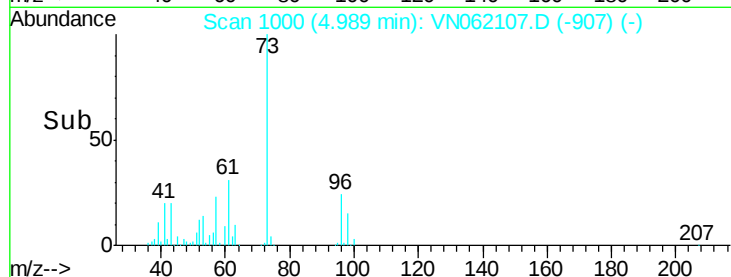
150000

100000

50000

0

Time--> 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 52.382 ug/l

RT: 4.49 min Scan# 844

Delta R.T. -0.01 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Tgt Ion: 84 Resp: 183059

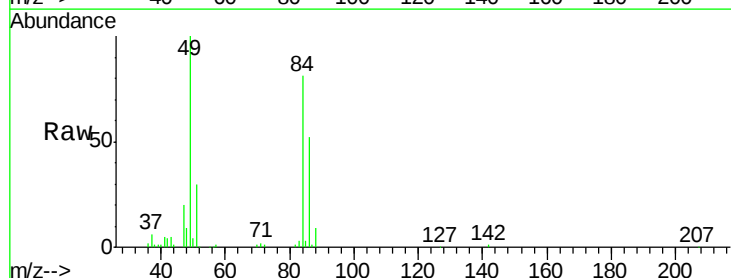
Ion Ratio Lower Upper

84 100

49 123.4 90.6 136.0

51 36.4 27.8 41.8

86 64.2 50.1 75.1



Abundance Ion 83.90 (83.60 to 84.60): VN062107.D (-755) (-)

Ion 48.90 (48.60 to 49.60): VN062107.D (-755) (-)

Ion 50.90 (50.60 to 51.60): VN062107.D (-755) (-)

Ion 85.90 (85.60 to 86.60): VN062107.D (-755) (-)

4.49

80000

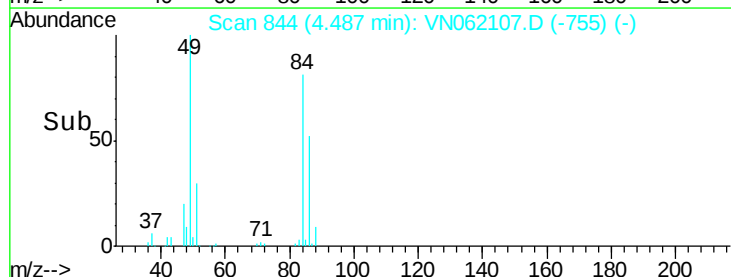
60000

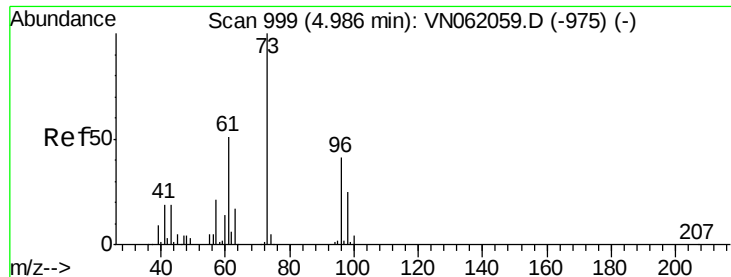
40000

20000

0

Time--> 4.40 4.50 4.60





#21

trans-1,2-Dichloroethene

Concen: 47.715 ug/l

RT: 4.97 min Scan# 993

Delta R.T. -0.02 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MSD

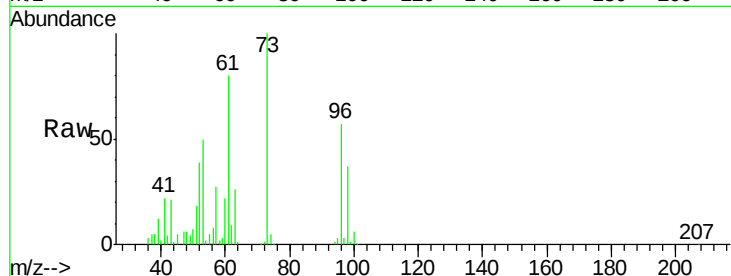
Tgt Ion: 96 Resp: 169349

Ion Ratio Lower Upper

96 100

61 139.0 101.4 152.2

98 64.7 49.3 73.9

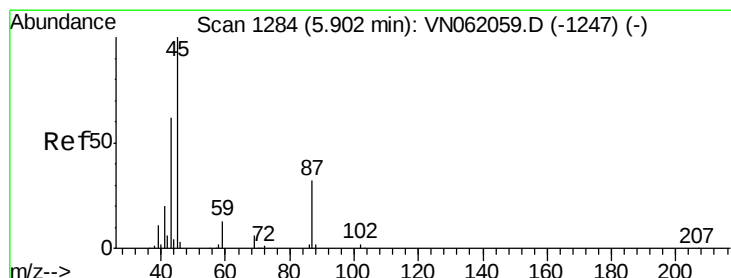
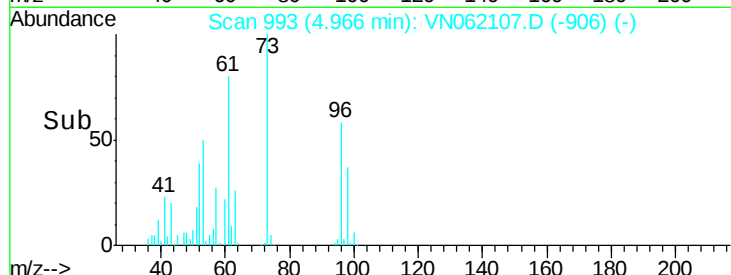
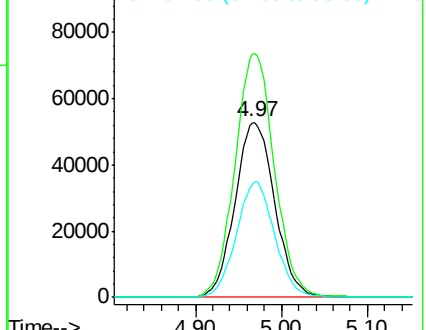


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 54.640 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Tgt Ion: 45 Resp: 527713

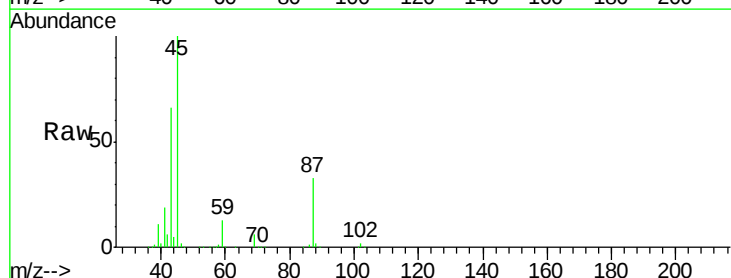
Ion Ratio Lower Upper

45 100

43 64.4 49.7 74.5

87 32.6 25.9 38.9

59 12.6 10.6 16.0



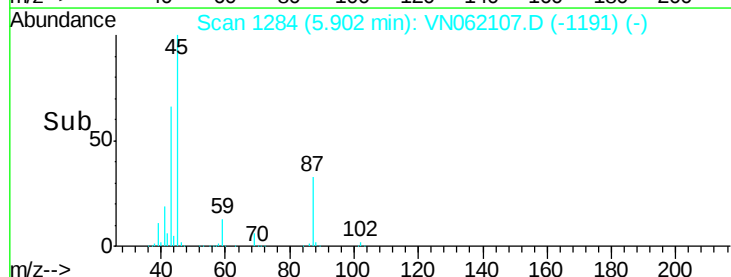
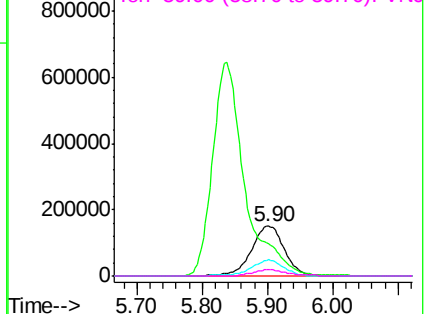
Abundance

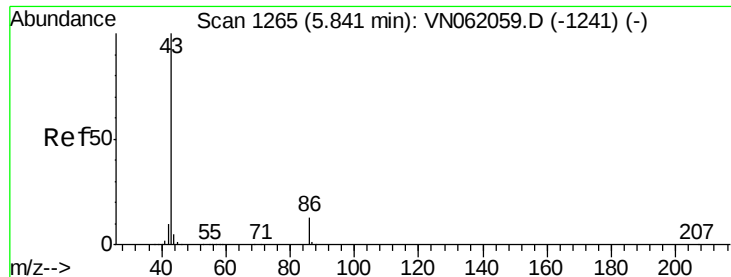
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 281.687 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

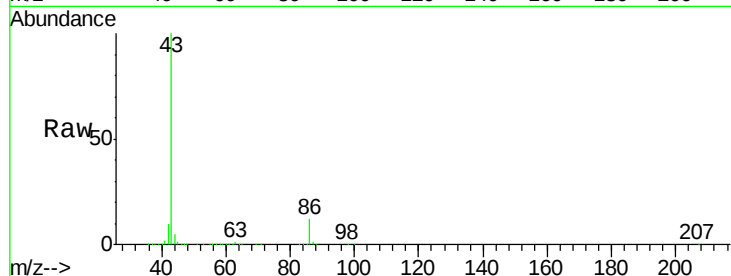
MW-27(16.5-18.5)MSD

Tgt Ion: 43 Resp: 2221151

Ion Ratio Lower Upper

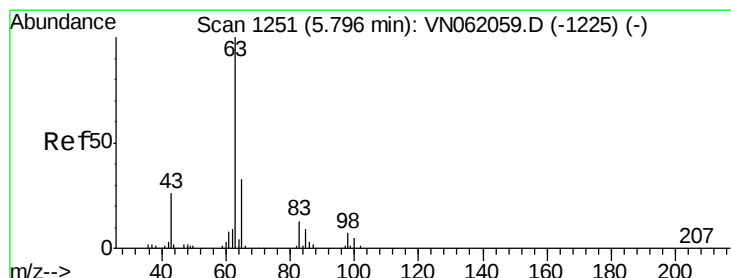
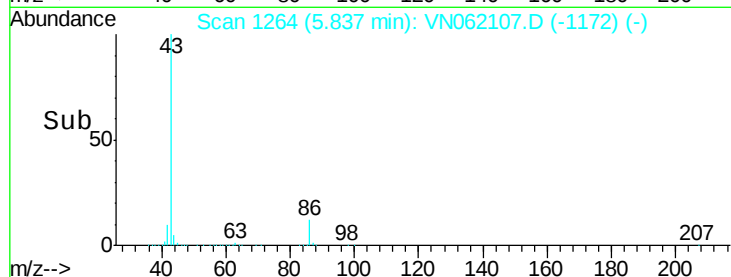
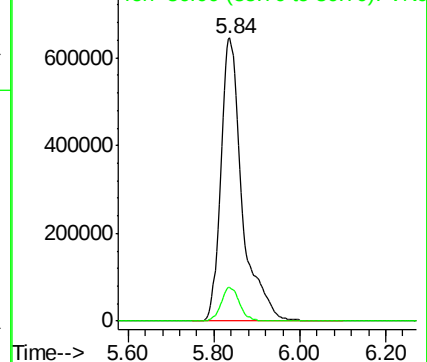
43 100

86 11.8 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.938 ug/l

RT: 5.79 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

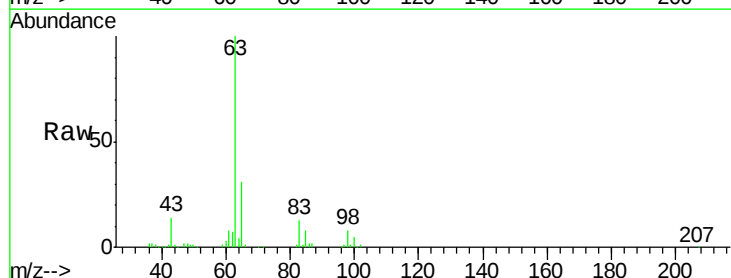
Tgt Ion: 63 Resp: 310571

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

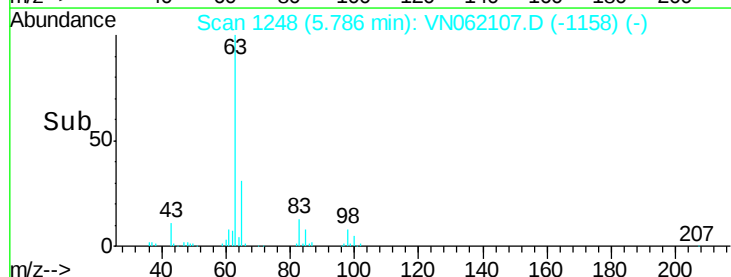
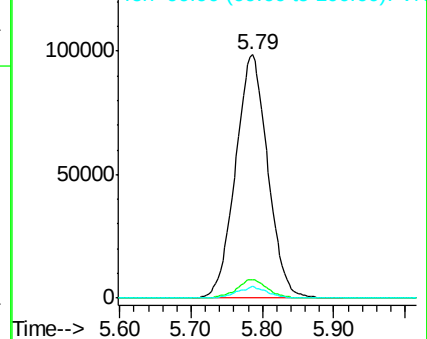
100 4.7 2.4 7.1

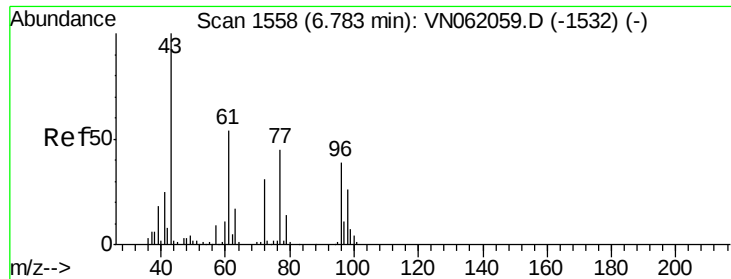


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

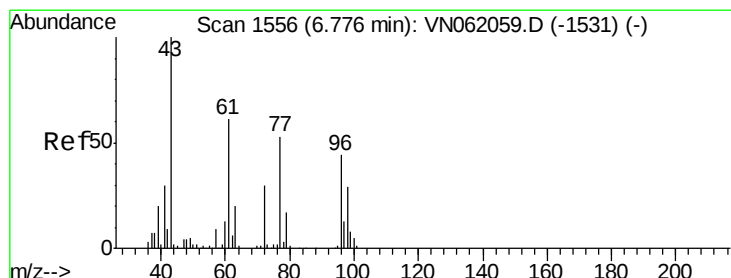
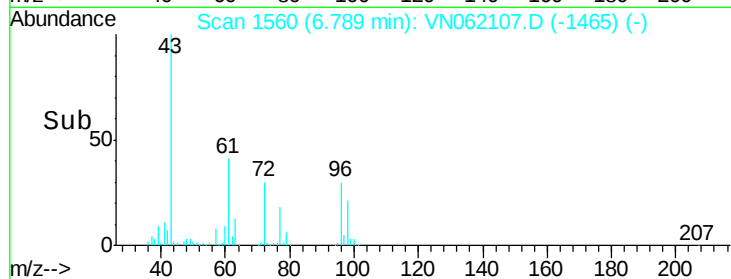
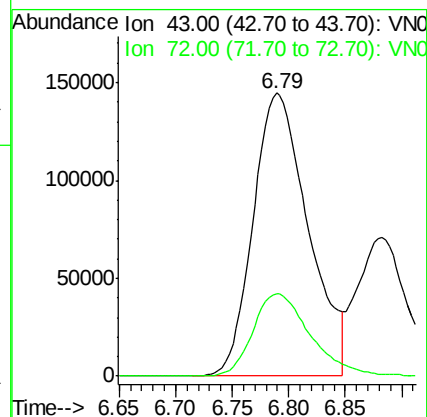
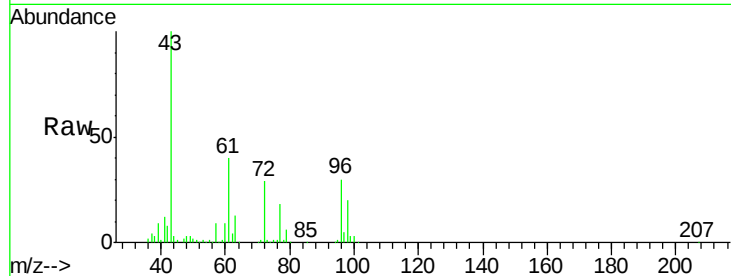




#25
 2-Butanone
 Concen: 262.206 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. 0.01 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

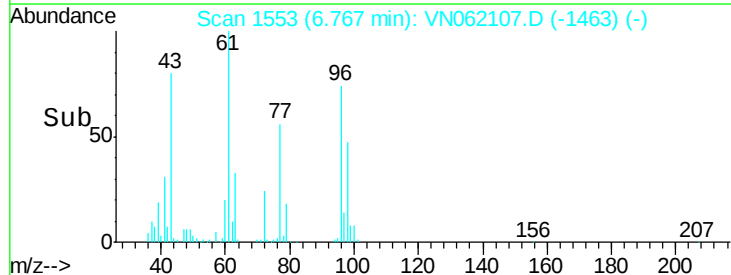
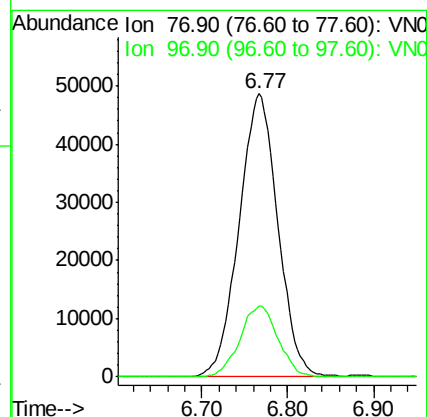
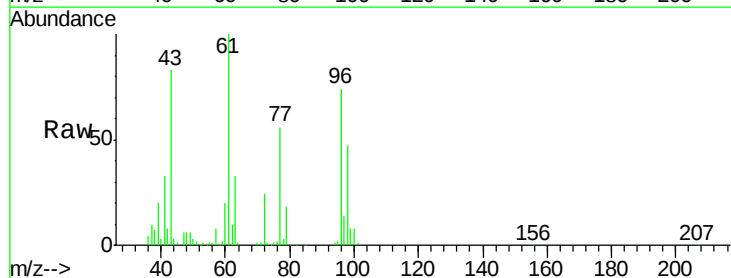
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MSD

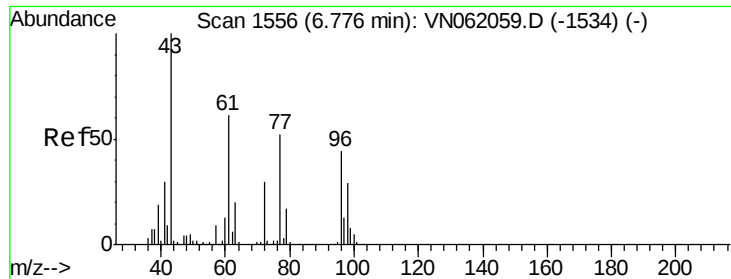
Tgt Ion: 43 Resp: 487996
 Ion Ratio Lower Upper
 43 100
 72 29.1 24.8 37.2



#26
 2,2-Dichloropropane
 Concen: 29.409 ug/l
 RT: 6.77 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

Tgt Ion: 77 Resp: 152411
 Ion Ratio Lower Upper
 77 100
 97 24.6 11.8 35.3

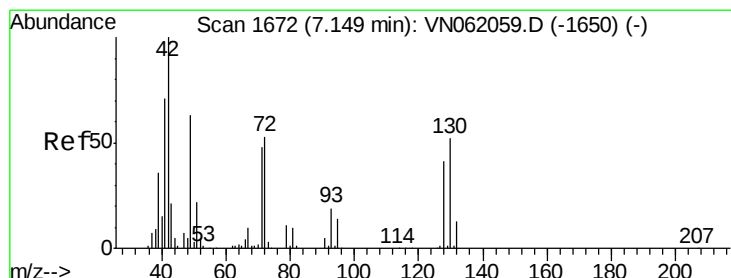
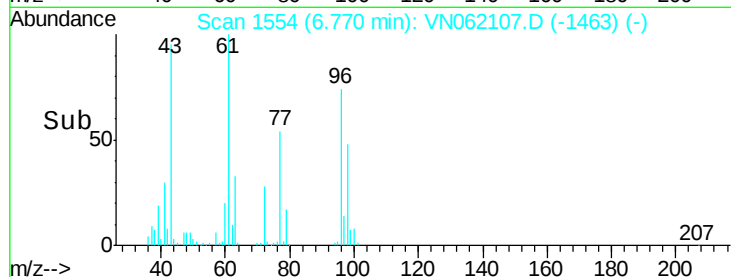
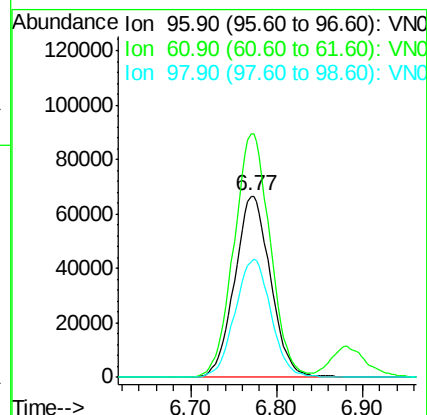
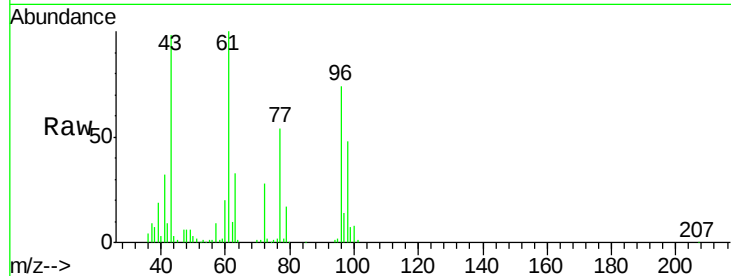




#27
 cis-1,2-Dichloroethene
 Concen: 48.355 ug/l
 RT: 6.77 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

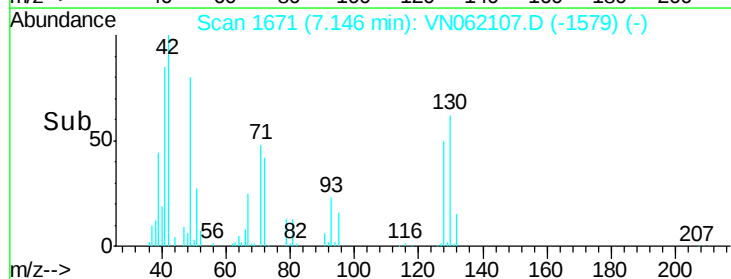
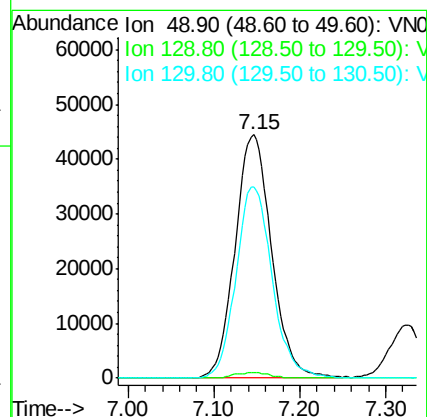
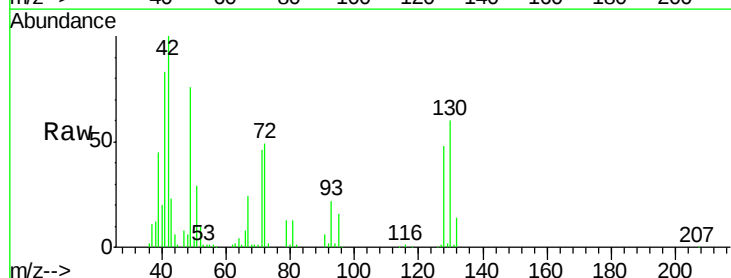
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MSD

Tgt Ion: 96 Resp: 193118
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 280.4
 98 65.4 0.0 129.4



#28
 Bromochloromethane
 Concen: 48.663 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

Tgt Ion: 49 Resp: 131311
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 77.7 65.5 98.3

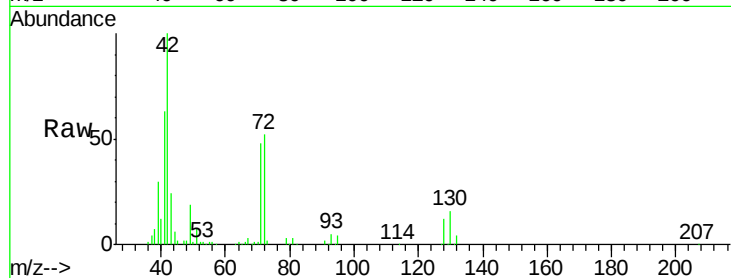




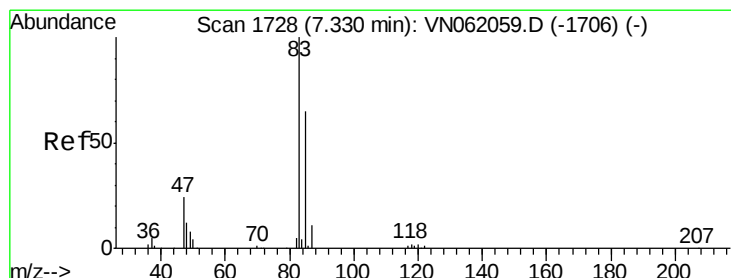
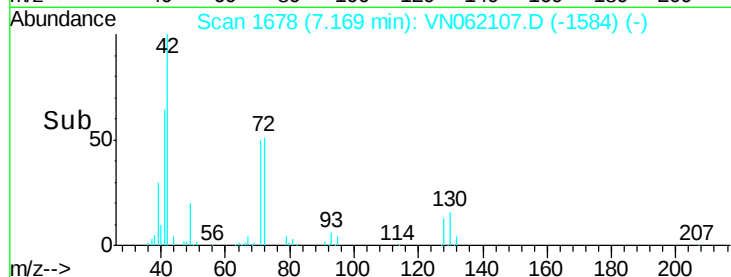
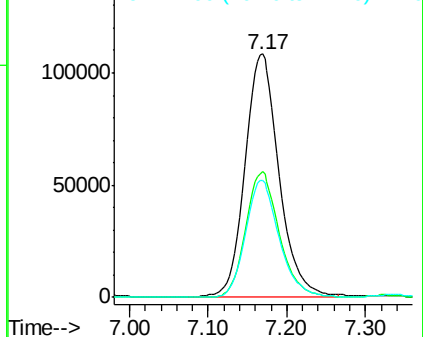
#29
Tetrahydrofuran
Concen: 272.211 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

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

Tgt Ion: 42 Resp: 331858
Ion Ratio Lower Upper
42 100
72 50.9 41.1 61.7
71 47.6 38.2 57.4

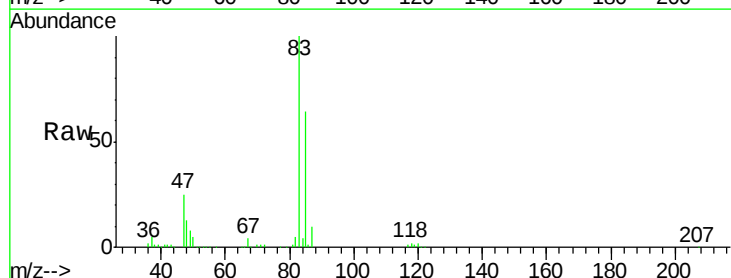


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

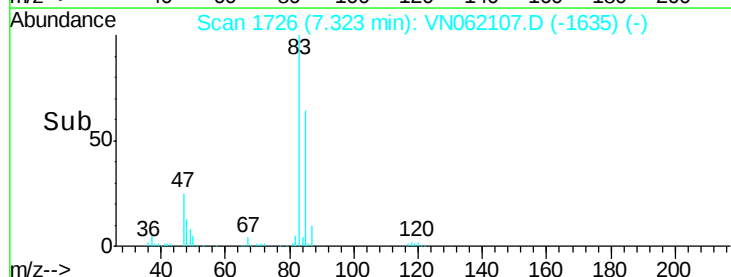
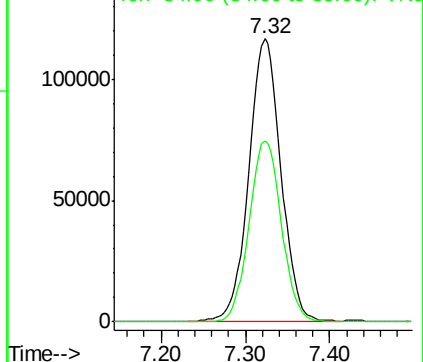


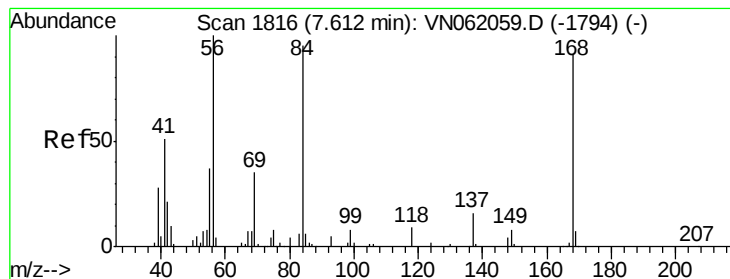
#30
Chloroform
Concen: 48.786 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

Tgt Ion: 83 Resp: 308693
Ion Ratio Lower Upper
83 100
85 64.0 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 58.828 ug/l

RT: 7.60 min Scan# 1813

Delta R.T. -0.01 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MSD

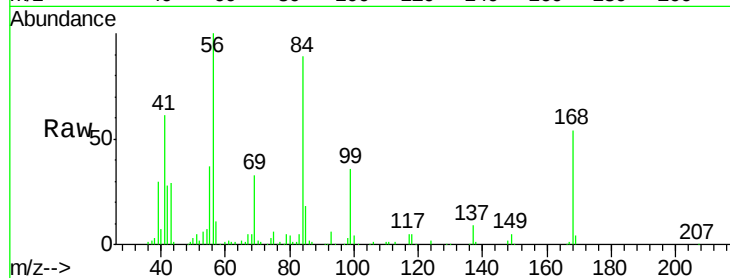
Tgt Ion: 56 Resp: 309472

Ion Ratio Lower Upper

56 100

69 32.8 28.0 42.0

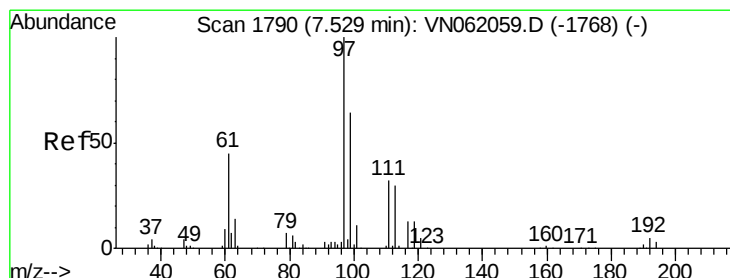
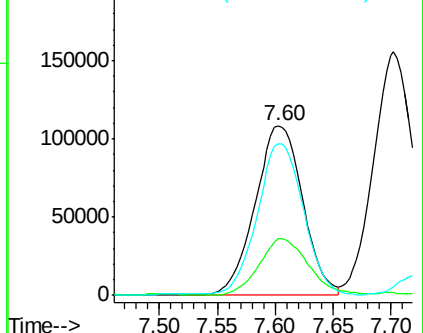
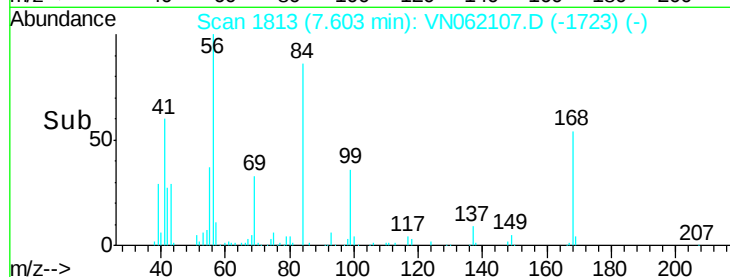
84 88.1 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062107.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062107.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062107.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 47.586 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

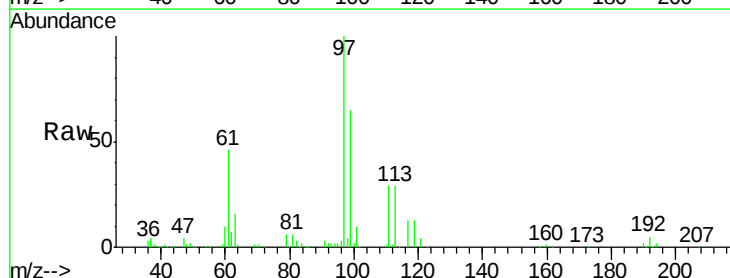
Tgt Ion: 97 Resp: 253925

Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

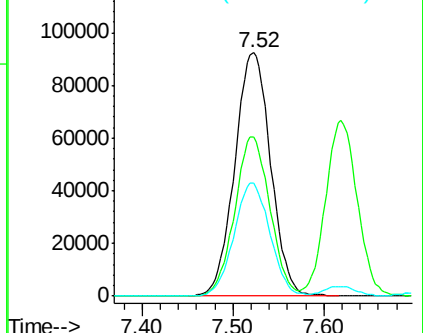
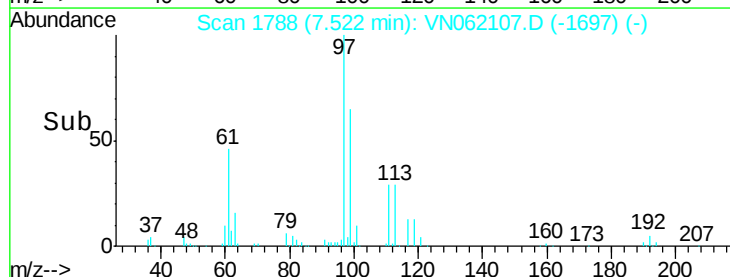
61 46.5 36.2 54.2

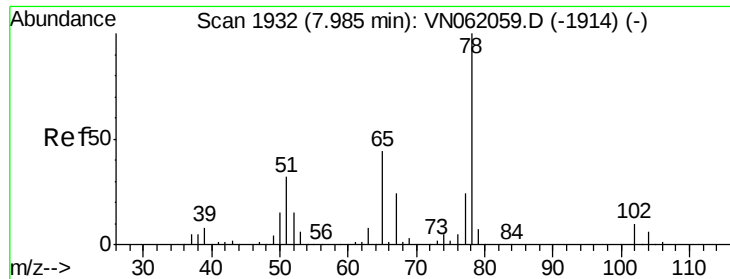


Abundance Ion 96.90 (96.60 to 97.60): VN062107.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062107.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062107.D (-1697) (-)

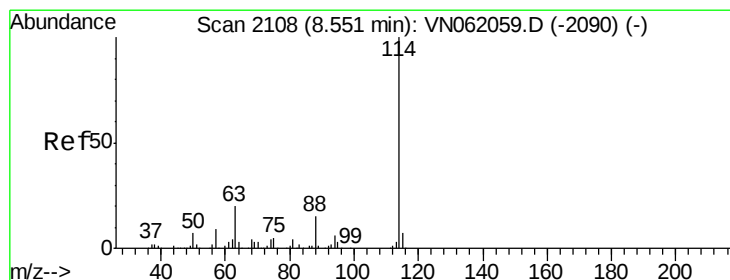
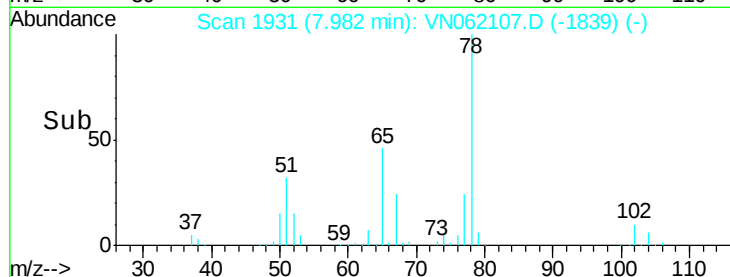
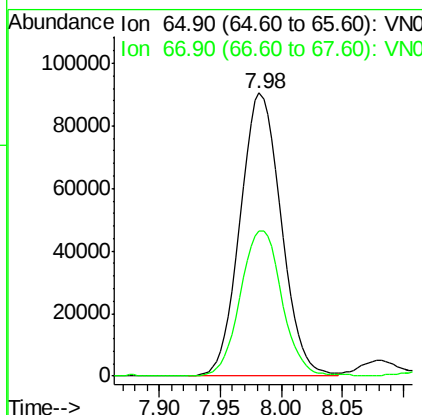
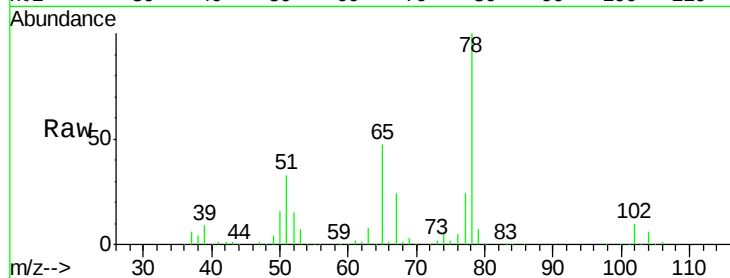




#33
 1,2-Dichloroethane-d4
 Concen: 55.449 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

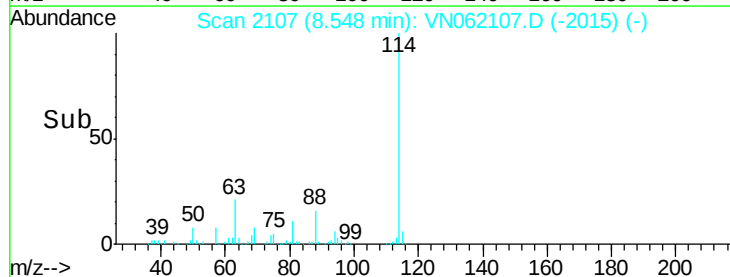
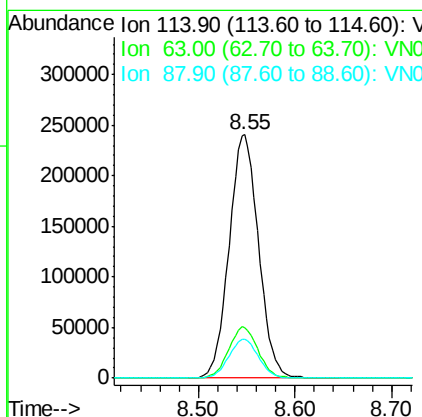
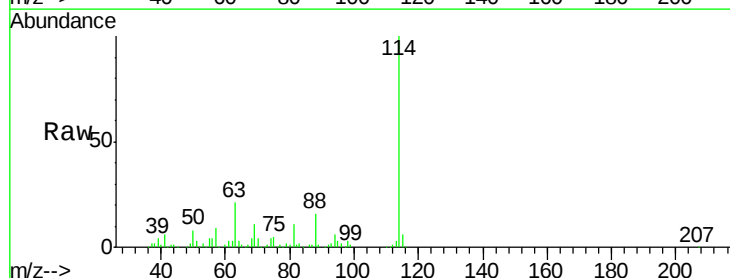
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MSD

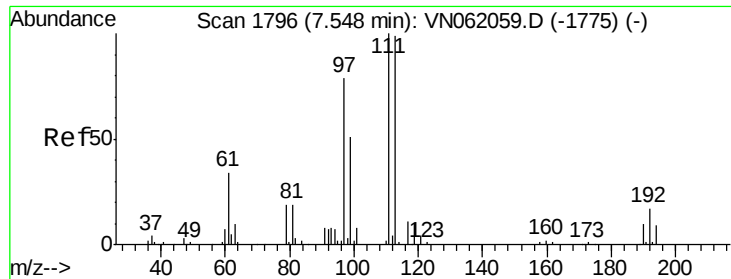
Tgt Ion: 65 Resp: 211130
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

Tgt Ion: 114 Resp: 507688
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.2
 88 16.1 0.0 30.8



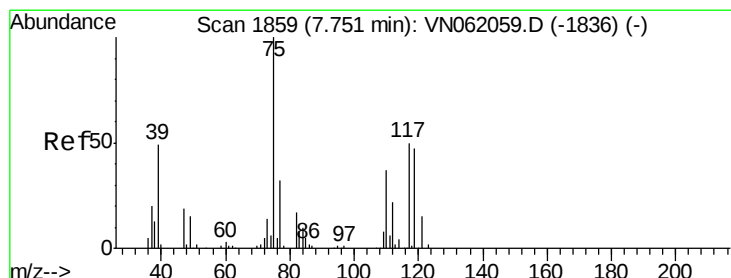
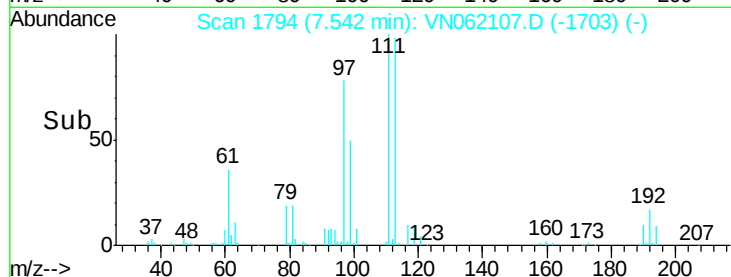
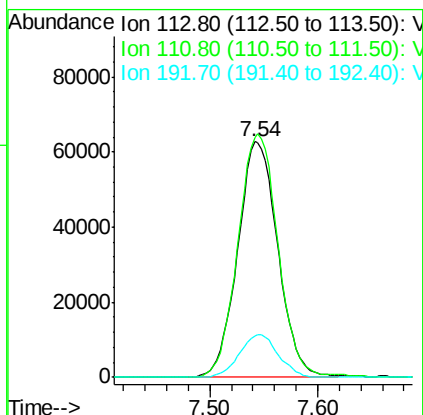
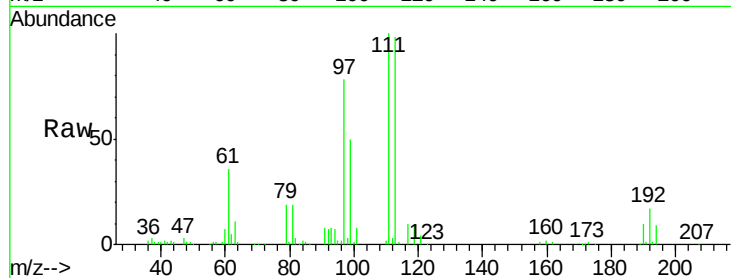


#35
Dibromofluoromethane
Concen: 49.796 ug/l
RT: 7.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

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

Tgt Ion:113 Resp: 162190

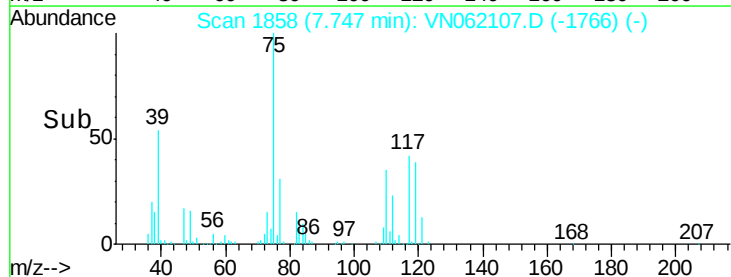
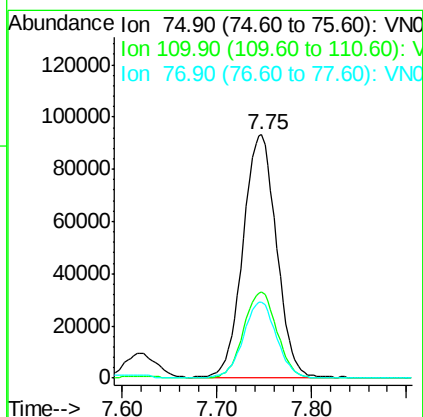
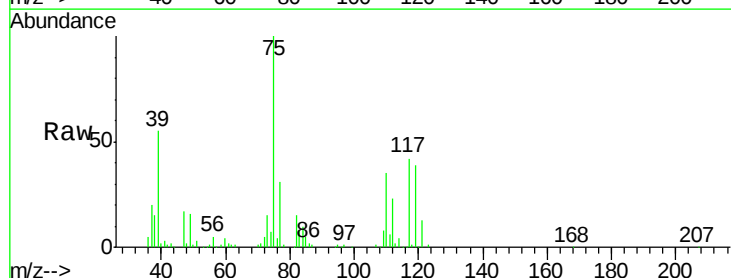
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	17.4	14.0	21.0



#36
1,1-Dichloropropene
Concen: 44.815 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

Tgt Ion: 75 Resp: 228692

Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.9	53.8
77	31.4	24.9	37.3

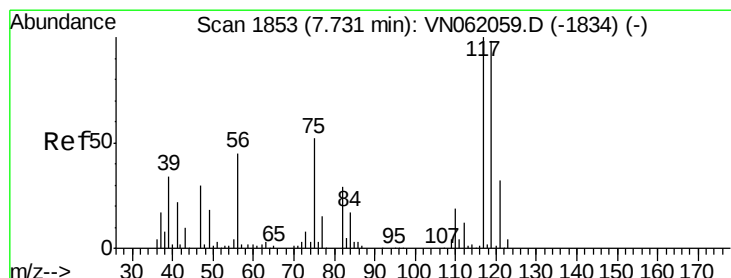
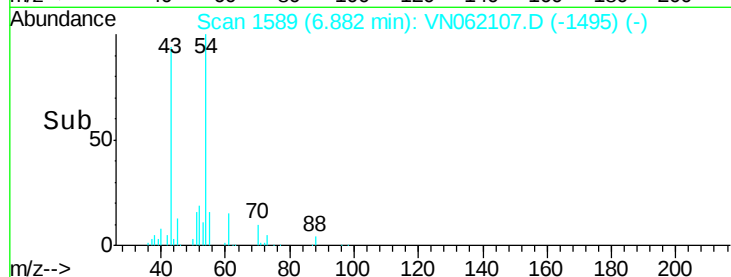
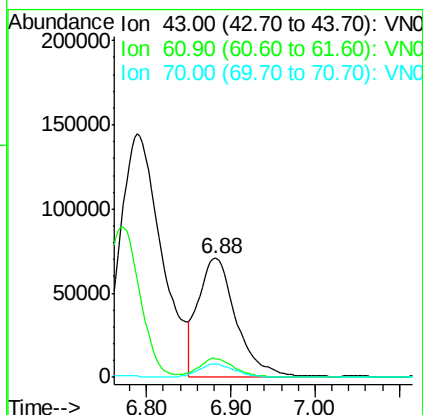
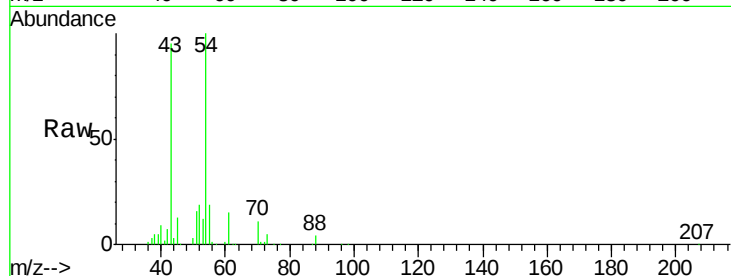




#37
Ethyl Acetate
Concen: 51.850 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

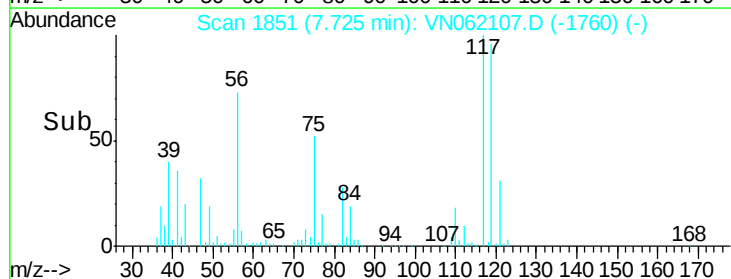
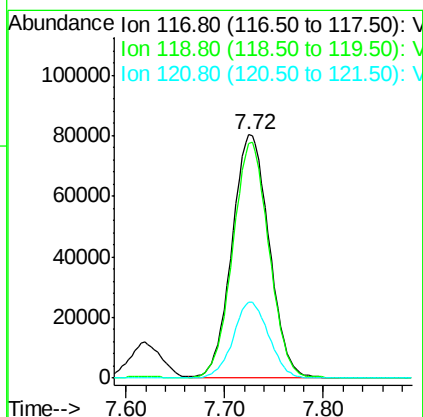
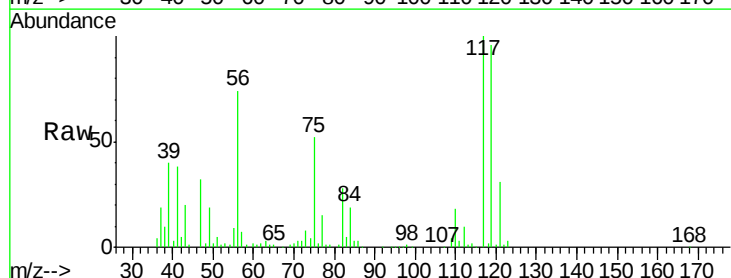
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MSD

Tgt Ion: 43 Resp: 219098
Ion Ratio Lower Upper
43 100
61 14.9 12.0 18.0
70 10.8 9.6 14.4



#38
Carbon Tetrachloride
Concen: 43.525 ug/l
RT: 7.72 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

Tgt Ion: 117 Resp: 209398
Ion Ratio Lower Upper
117 100
119 96.3 78.2 117.2
121 31.1 25.8 38.6

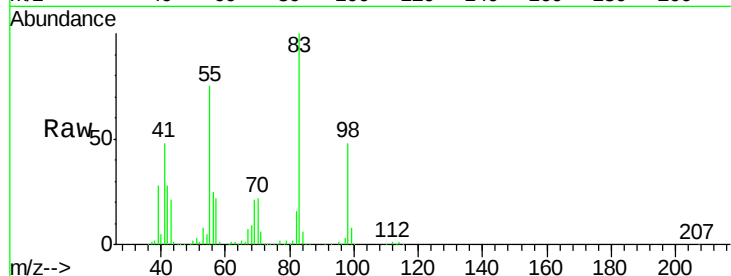




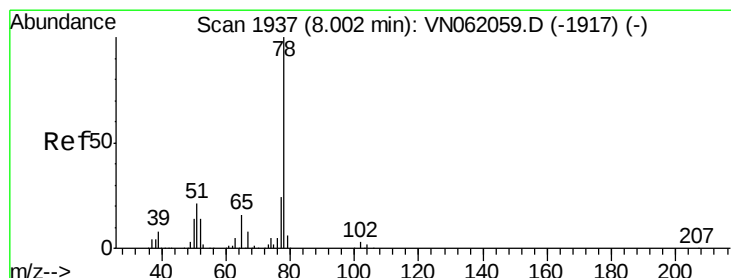
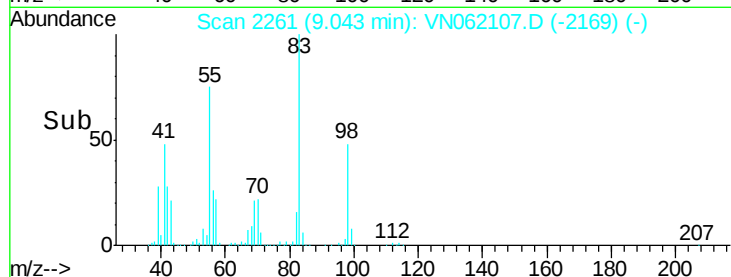
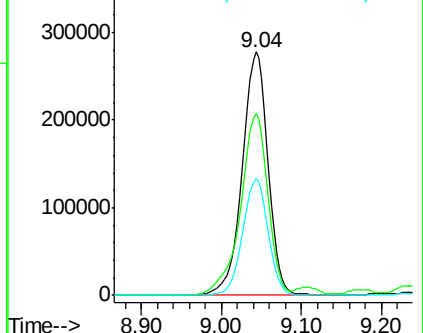
#39
Methylcyclohexane
Concen: 107.421 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

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

Tgt Ion: 83 Resp: 600624
Ion Ratio Lower Upper
83 100
55 74.8 57.0 85.6
98 47.9 39.0 58.6

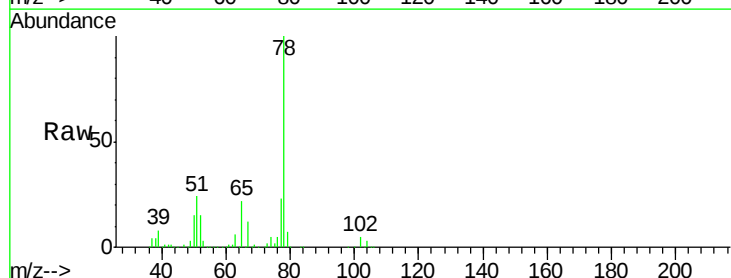


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

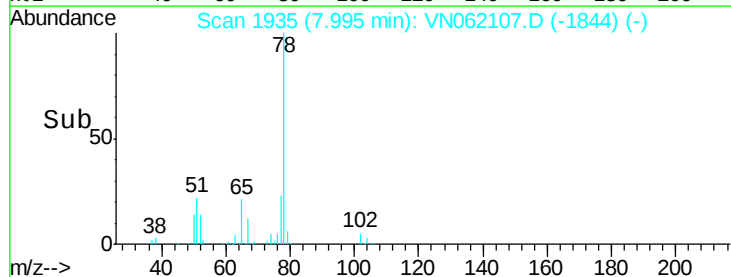
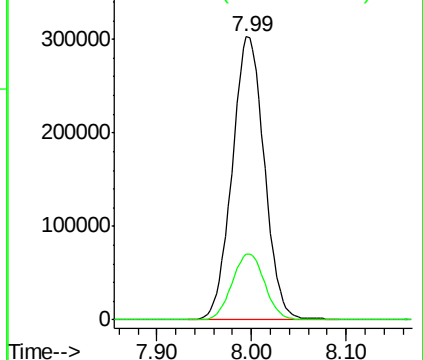


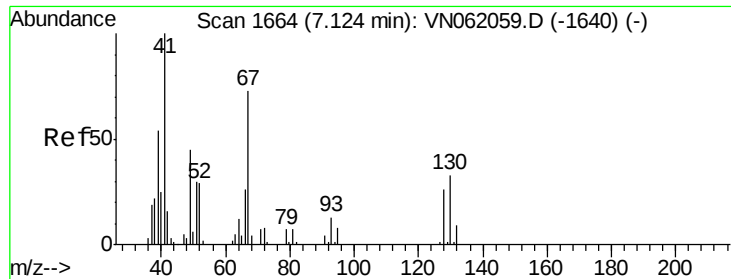
#40
Benzene
Concen: 46.019 ug/l
RT: 7.99 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

Tgt Ion: 78 Resp: 715770
Ion Ratio Lower Upper
78 100
77 23.2 19.5 29.3



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

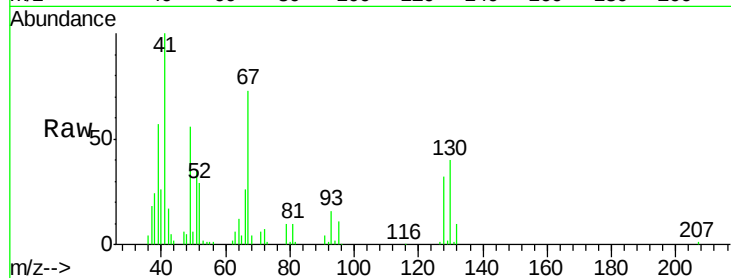




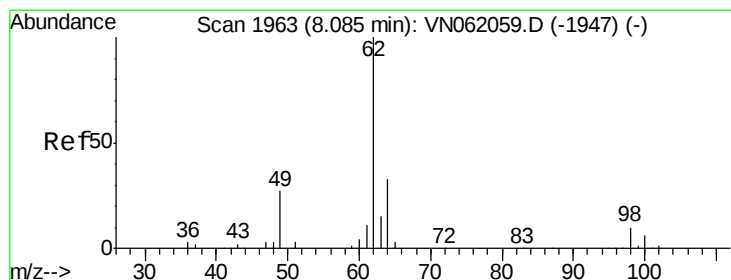
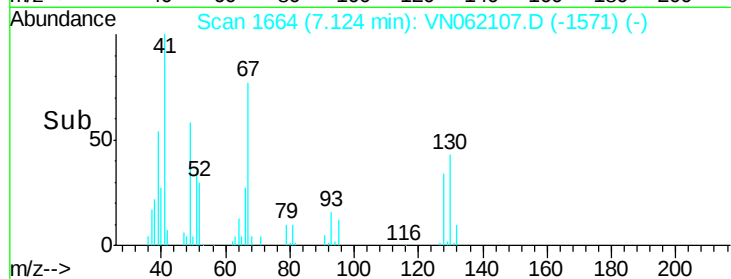
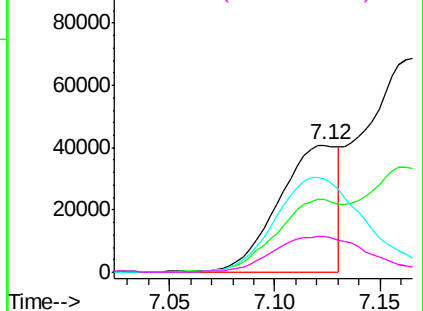
#41
Methacrylonitrile
Concen: 40.264 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

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

Tgt Ion: 41 Resp: 78877
Ion Ratio Lower Upper
41 100
39 63.6 44.2 66.2
67 117.4 79.5 119.3
52 45.5 32.3 48.5

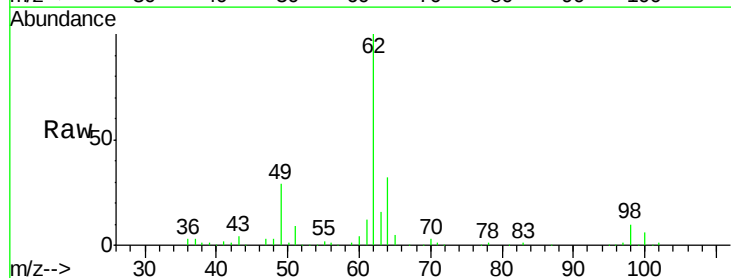


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

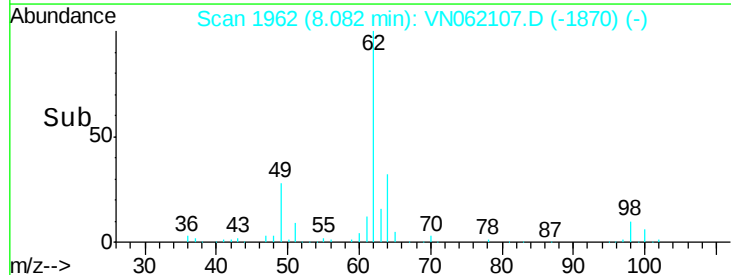
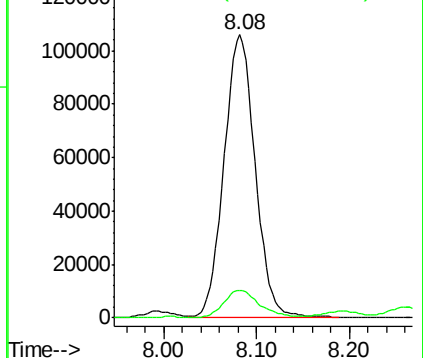


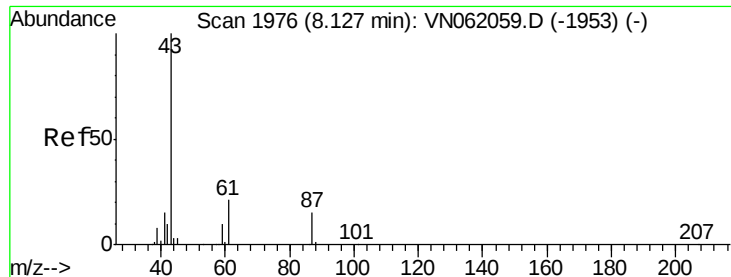
#42
1,2-Dichloroethane
Concen: 46.802 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

Tgt Ion: 62 Resp: 245947
Ion Ratio Lower Upper
62 100
98 11.5 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 62.547 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MSD

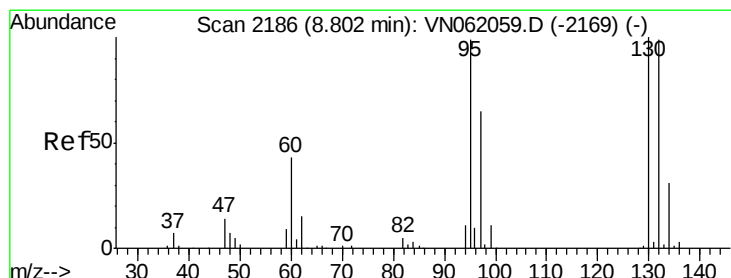
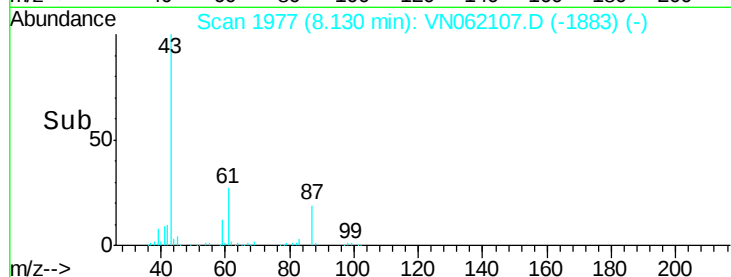
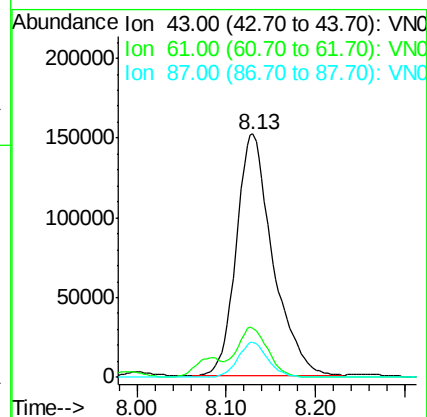
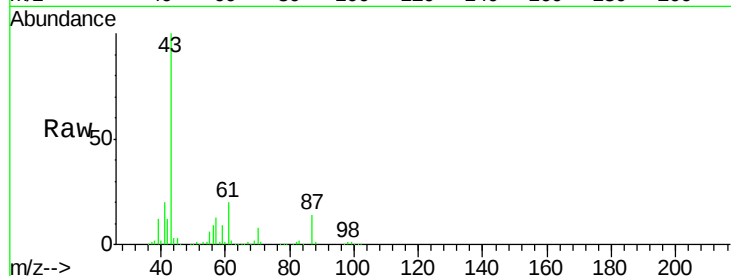
Tgt Ion: 43 Resp: 430845

Ion Ratio Lower Upper

43 100

61 17.4 17.2 25.8

87 11.8 12.1 18.1#



#44

Trichloroethene

Concen: 43.603 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062107.D

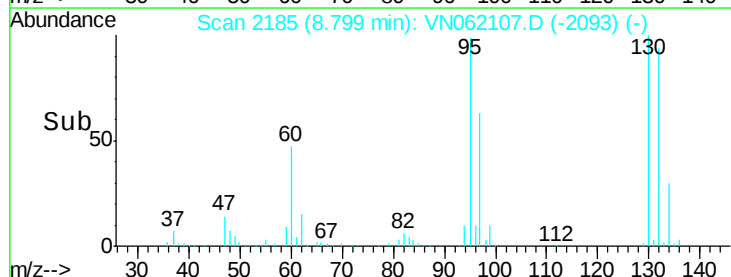
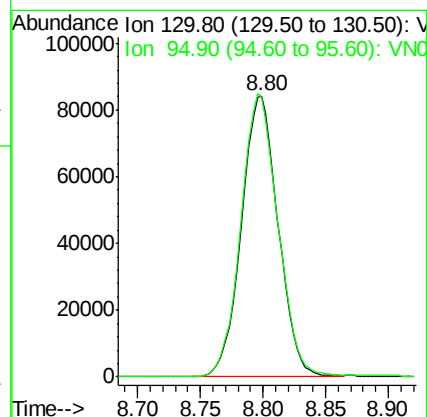
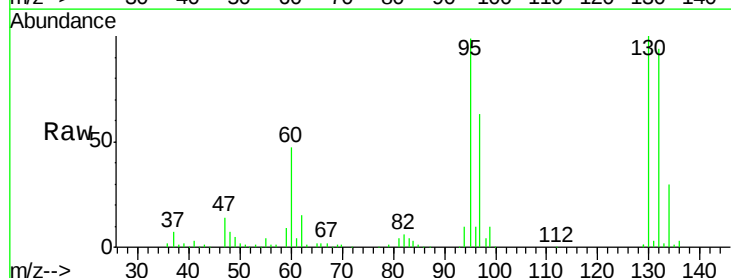
Acq: 25 Jun 2020 13:40

Tgt Ion:130 Resp: 171077

Ion Ratio Lower Upper

130 100

95 99.4 0.0 197.8

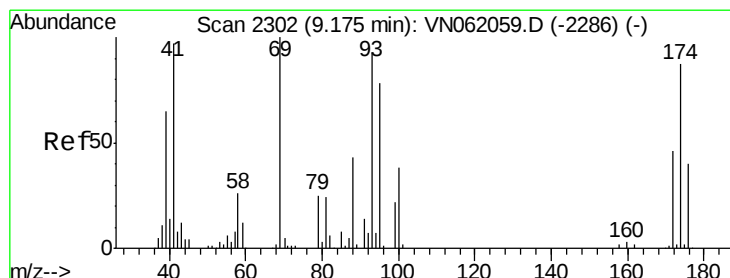
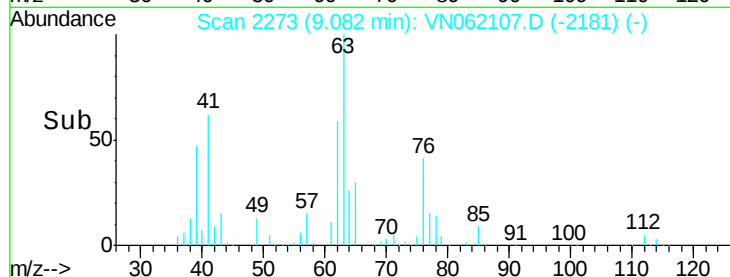
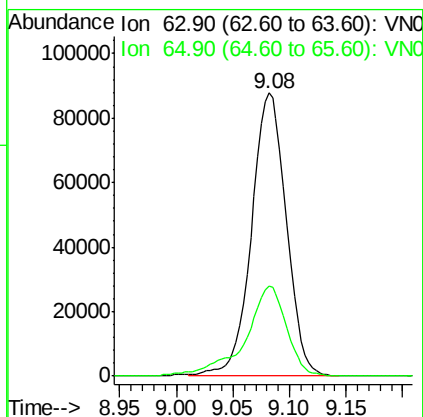
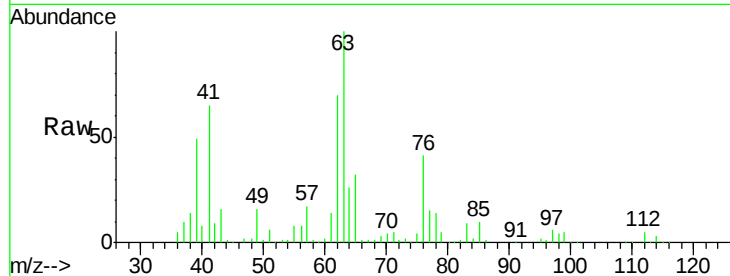




#45
 1,2-Dichloropropane
 Concen: 48.552 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

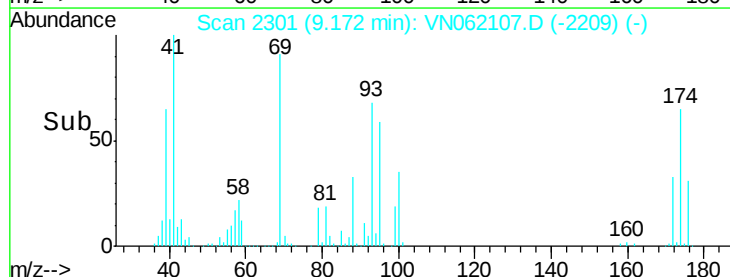
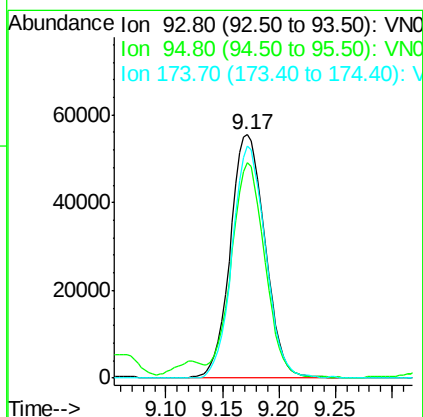
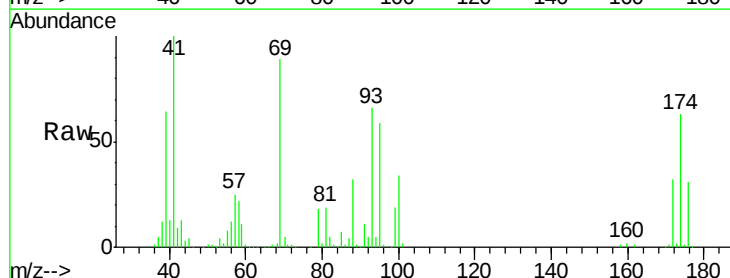
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MSD

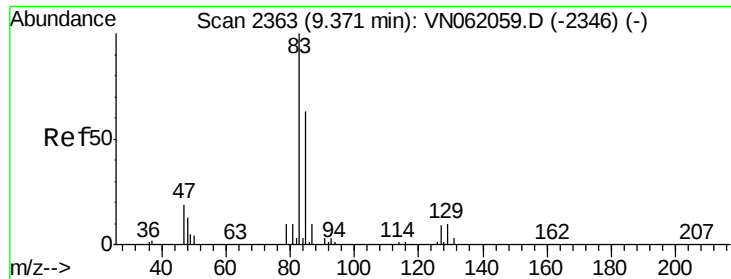
Tgt Ion: 63 Resp: 186304
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.4



#46
 Dibromomethane
 Concen: 45.686 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

Tgt Ion: 93 Resp: 118859
 Ion Ratio Lower Upper
 93 100
 95 85.6 67.0 100.6
 174 91.0 74.4 111.6





#47

Bromodichloromethane

Concen: 50.693 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MSD

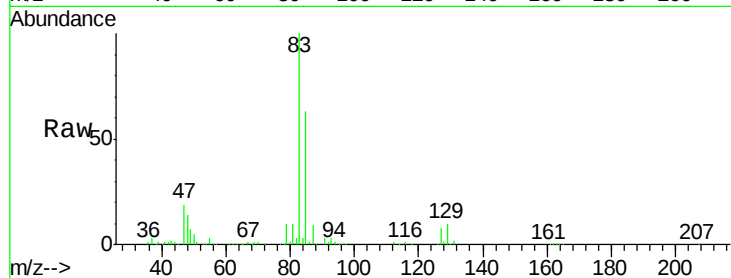
Tgt Ion: 83 Resp: 266296

Ion Ratio Lower Upper

83 100

85 62.5 50.3 75.5

127 7.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062107.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062107.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062107.D (-2270) (-)

9.37

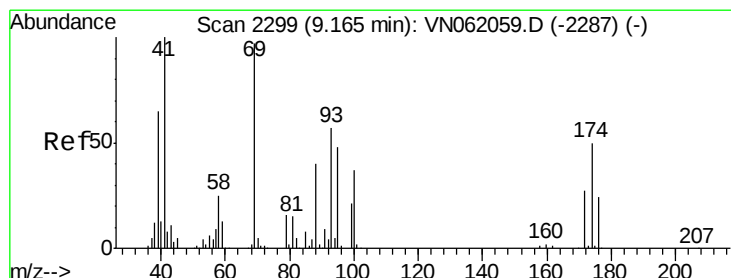
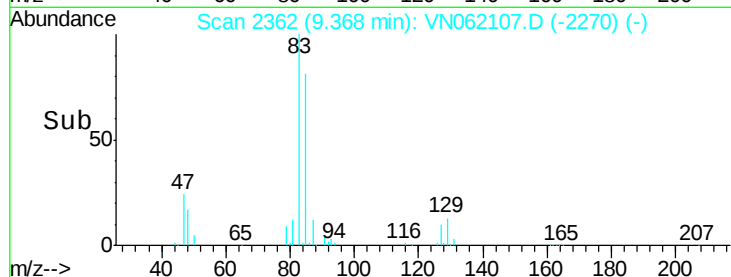
150000

100000

50000

0

Time--> 9.20 9.30 9.40 9.50



#48

Methyl methacrylate

Concen: 58.066 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

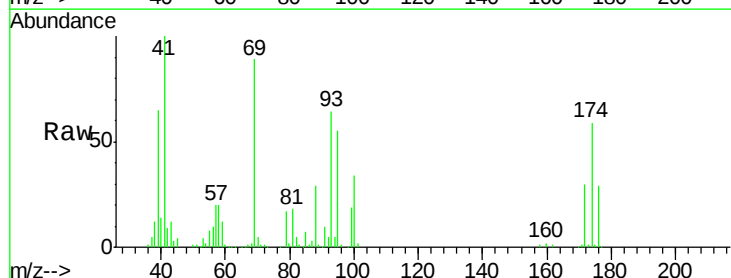
Tgt Ion: 41 Resp: 179342

Ion Ratio Lower Upper

41 100

69 84.0 80.7 121.1

39 55.6 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062107.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062107.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062107.D (-2206) (-)

9.17

100000

80000

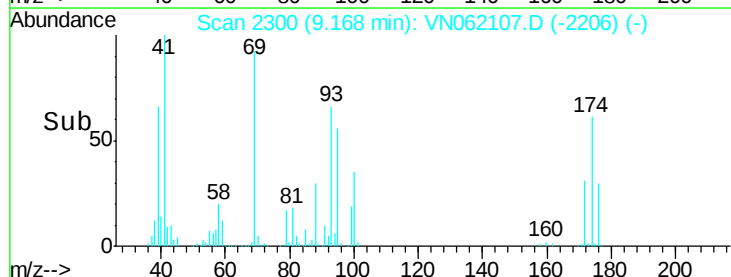
60000

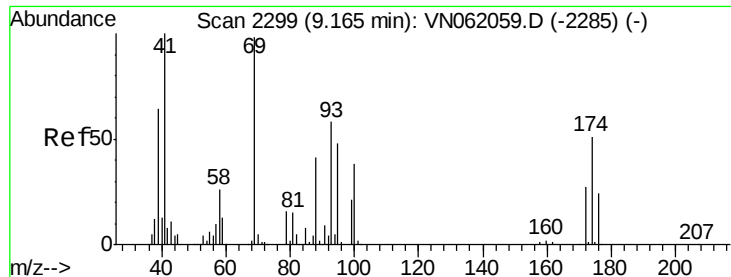
40000

20000

0

Time--> 9.10 9.15 9.20

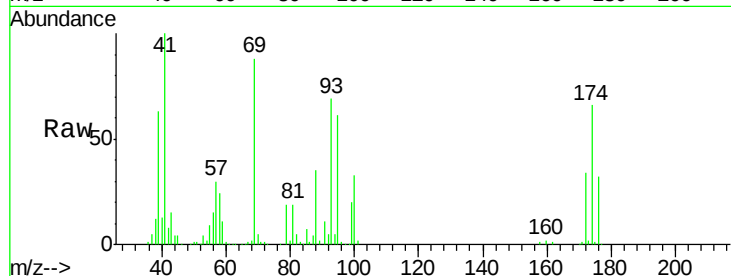




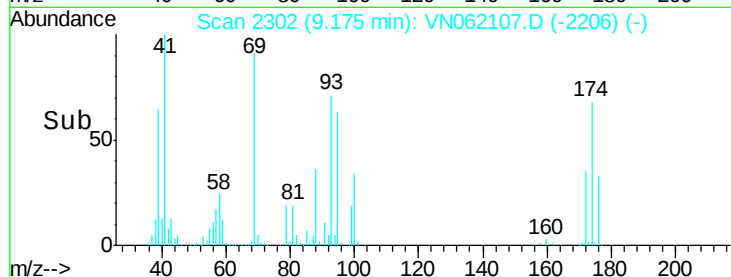
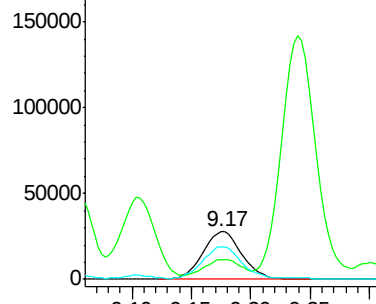
#49
1,4-Dioxane
Concen: 931.400 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. 0.01 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

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

Tgt Ion: 88 Resp: 63794
Ion Ratio Lower Upper
88 100
43 35.4 22.0 33.0#
58 68.3 49.2 73.8

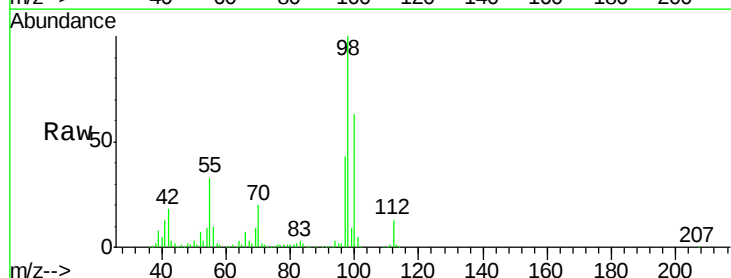


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

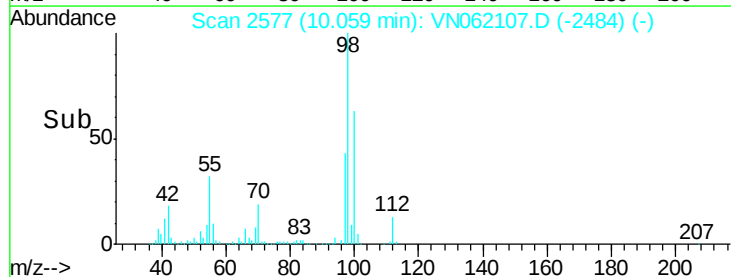
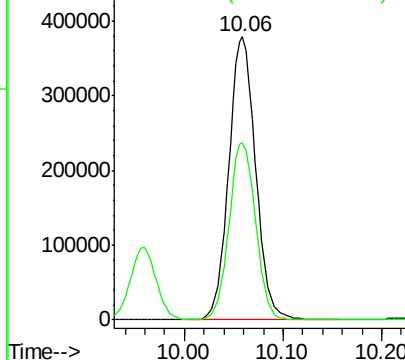


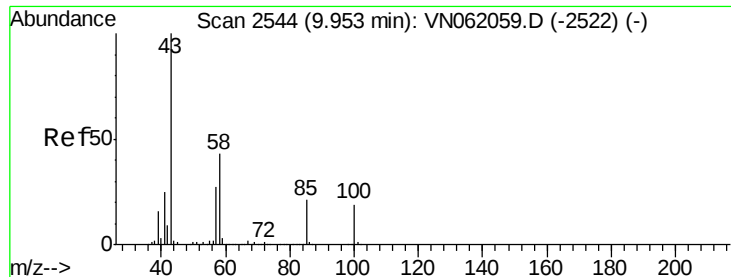
#50
Toluene-d8
Concen: 55.331 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

Tgt Ion: 98 Resp: 720385
Ion Ratio Lower Upper
98 100
100 61.7 51.2 76.8



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

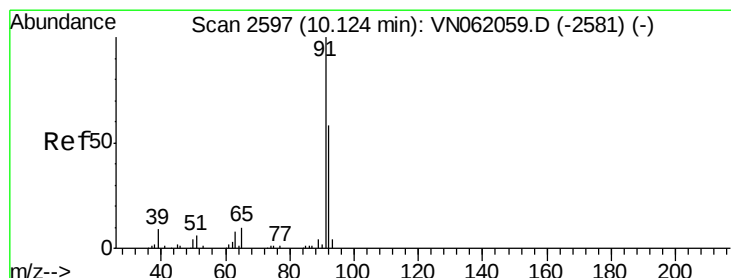
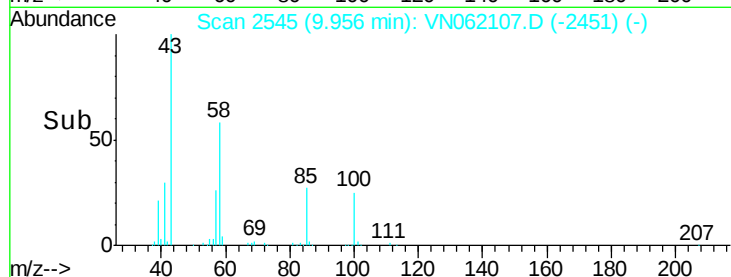
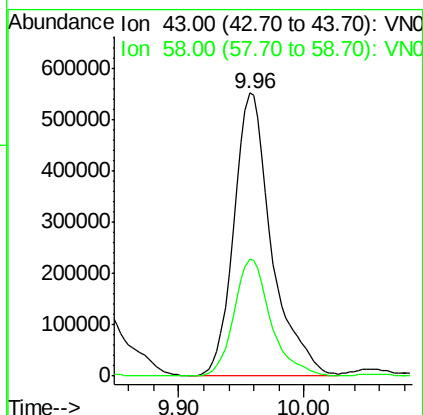
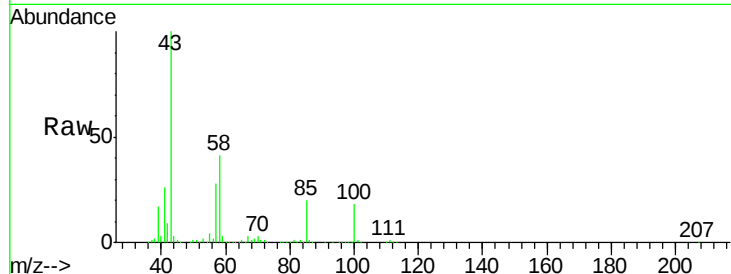




#51
 4-Methyl-2-Pentanone
 Concen: 284.664 ug/l
 RT: 9.96 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

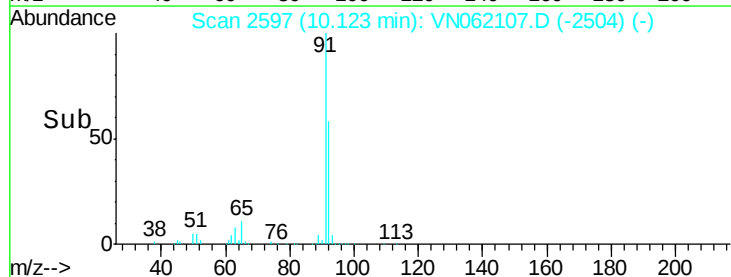
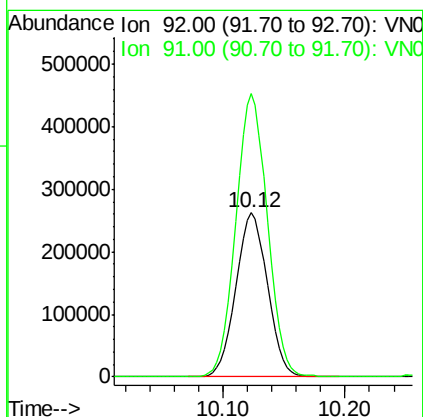
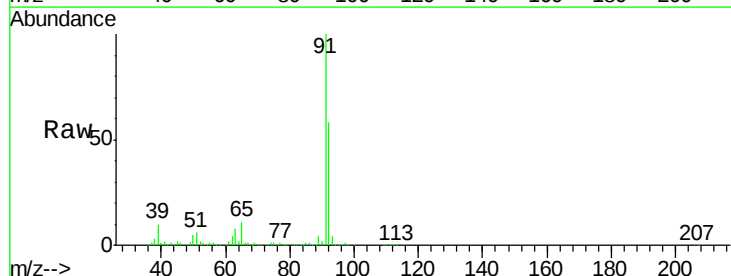
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MSD

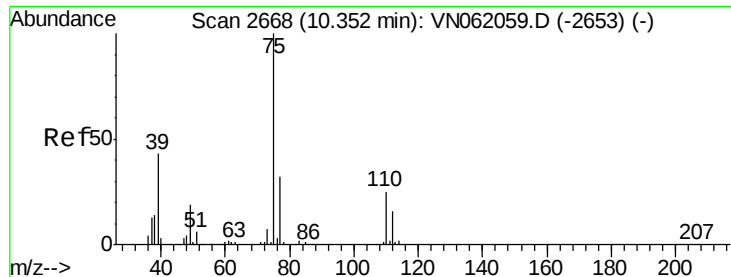
Tgt Ion: 43 Resp: 1145657
 Ion Ratio Lower Upper
 43 100
 58 40.6 34.2 51.2



#52
 Toluene
 Concen: 49.484 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

Tgt Ion: 92 Resp: 469612
 Ion Ratio Lower Upper
 92 100
 91 171.0 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 46.593 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

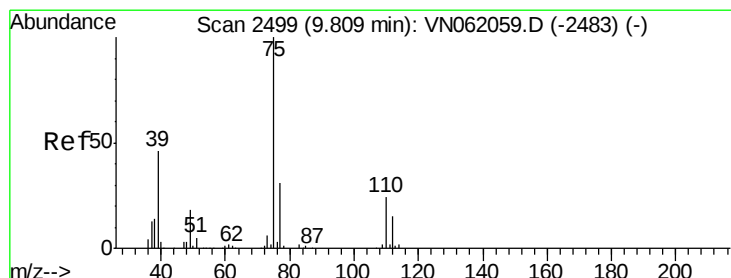
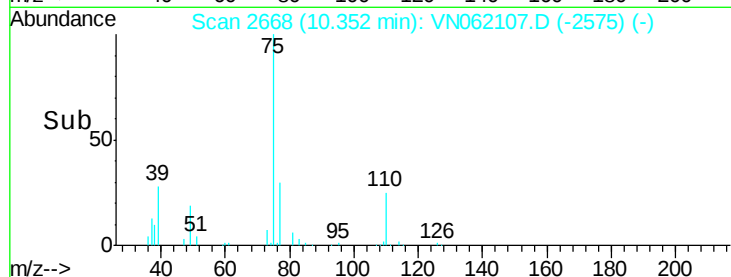
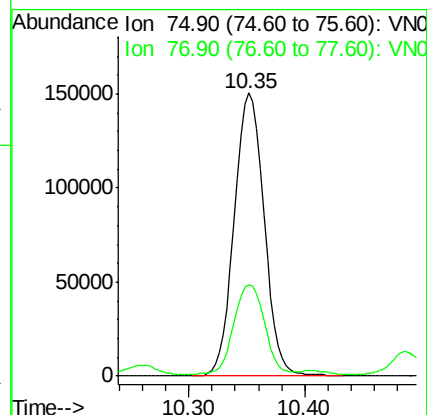
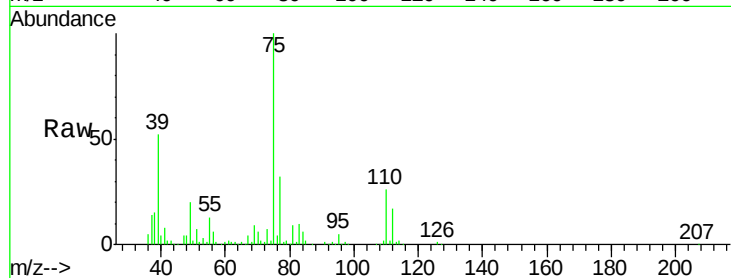
MW-27(16.5-18.5)MSD

Tgt Ion: 75 Resp: 269276

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 46.516 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

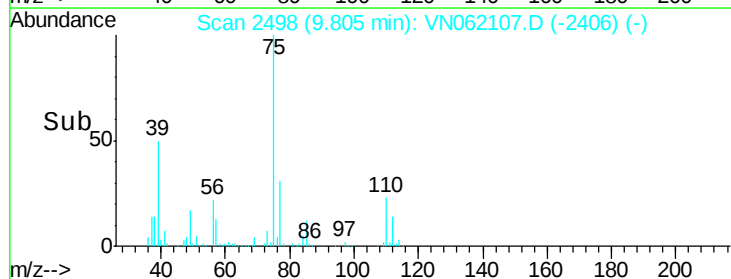
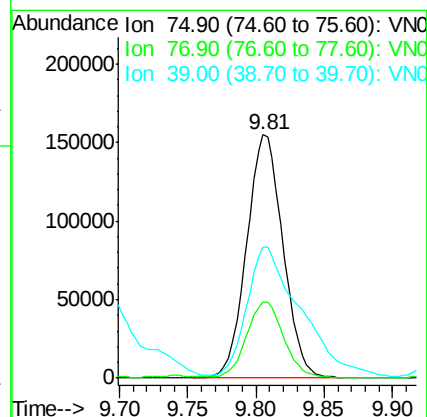
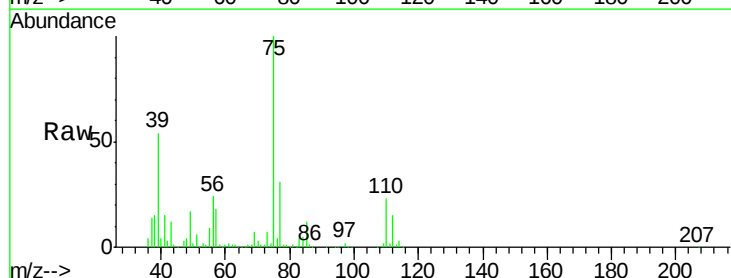
Tgt Ion: 75 Resp: 286209

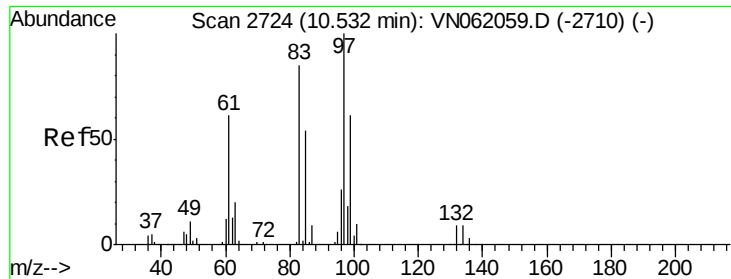
Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6

39 51.3 36.9 55.3

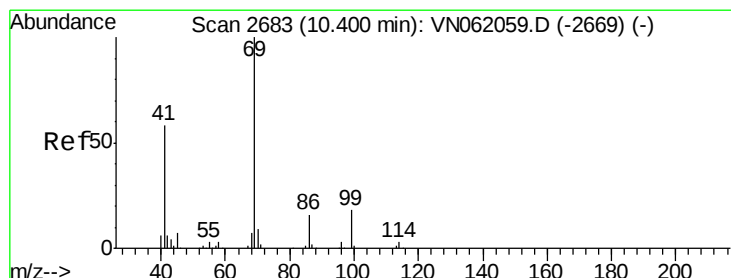
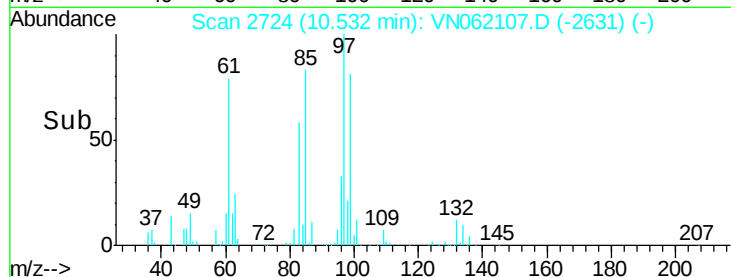
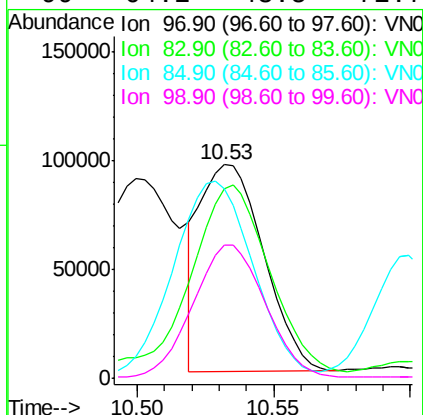
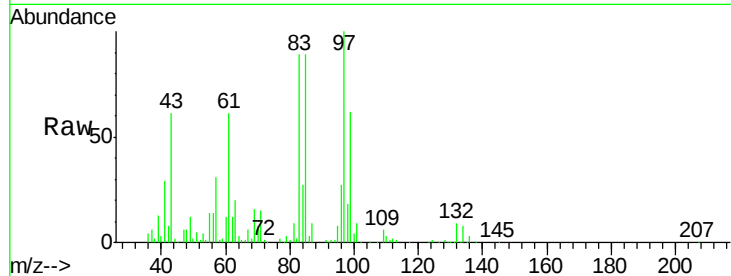




#55
 1,1,2-Trichloroethane
 Concen: 41.097 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

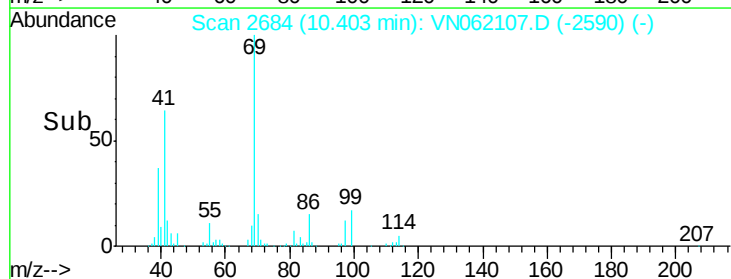
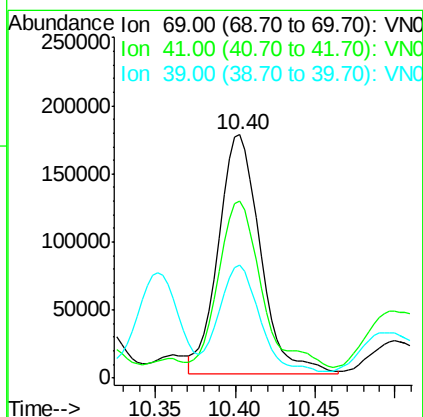
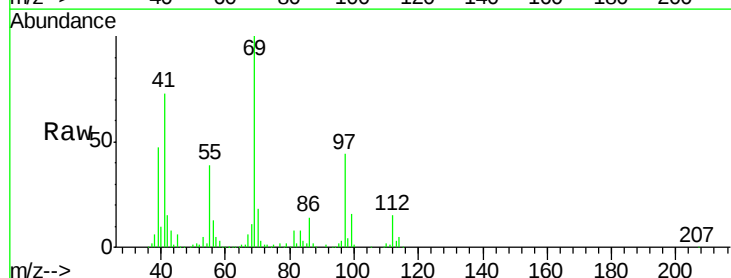
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MSD

Tgt Ion: 97 Resp: 153311
 Ion Ratio Lower Upper
 97 100
 83 88.4 68.2 102.2
 85 85.9 43.2 64.8#
 99 64.2 48.5 72.7



#56
 Ethyl methacrylate
 Concen: 63.508 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

Tgt Ion: 69 Resp: 316173
 Ion Ratio Lower Upper
 69 100
 41 69.9 46.6 70.0
 39 43.6 31.0 46.4

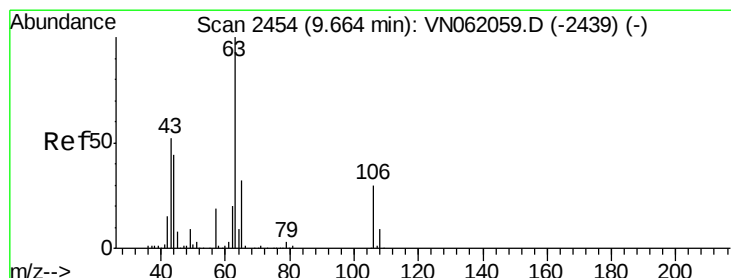
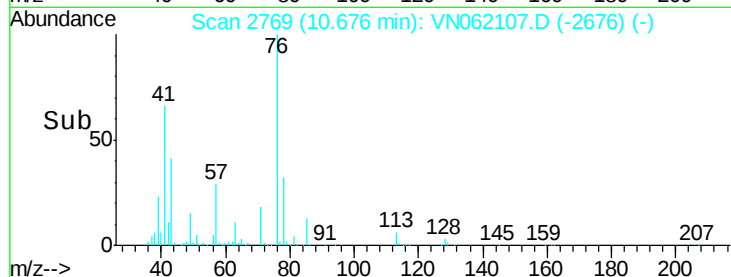
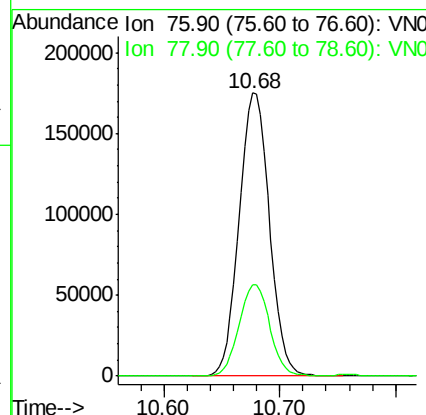
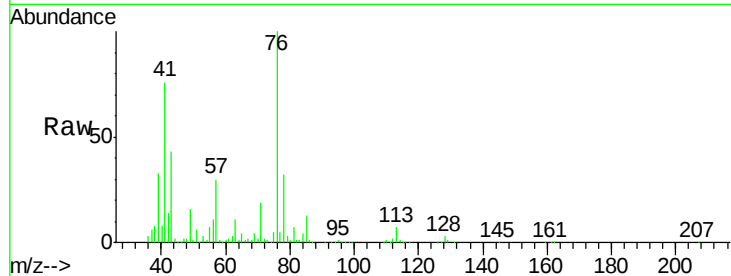




#57
 1,3-Dichloropropane
 Concen: 49.445 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

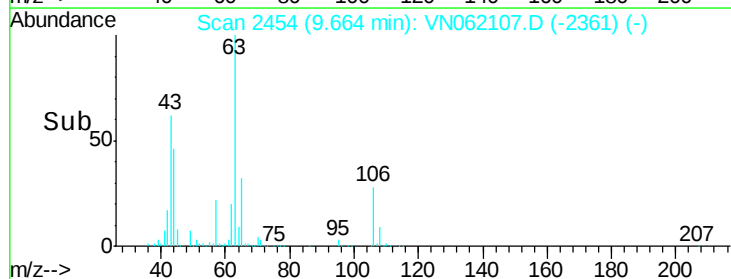
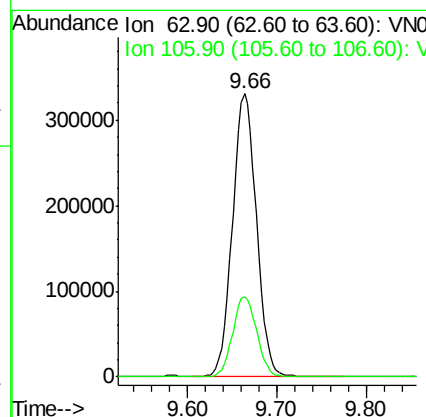
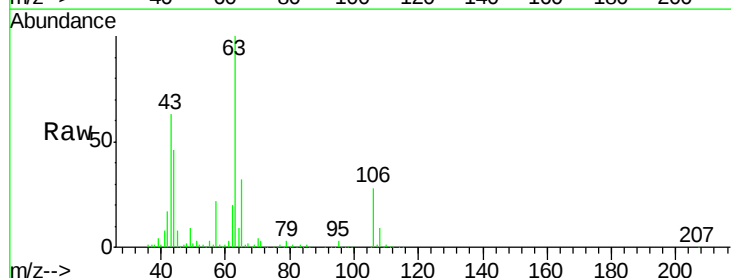
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MSD

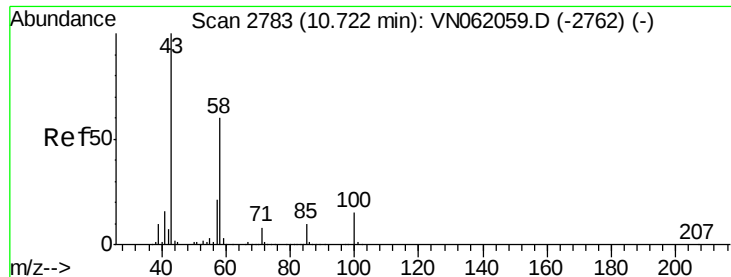
Tgt Ion: 76 Resp: 317493
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 287.165 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

Tgt Ion: 63 Resp: 614105
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.2 34.8

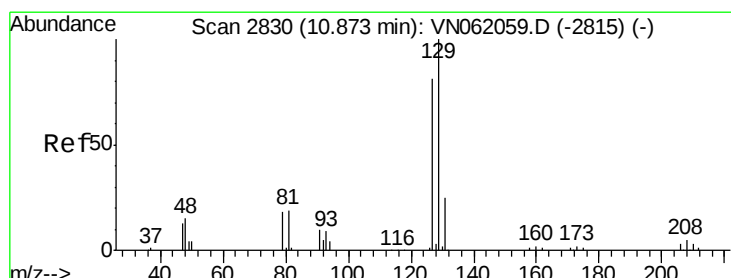
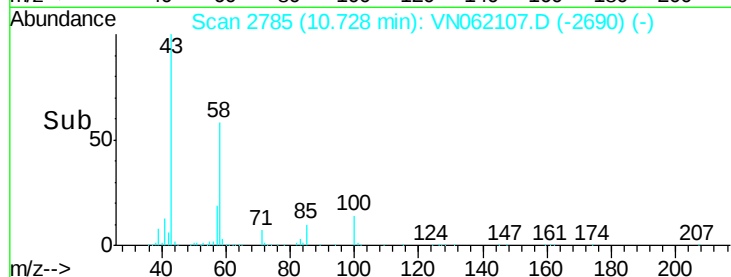
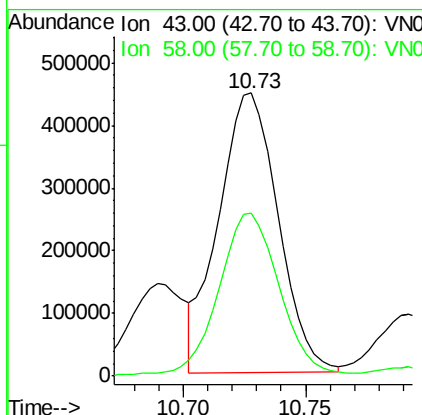
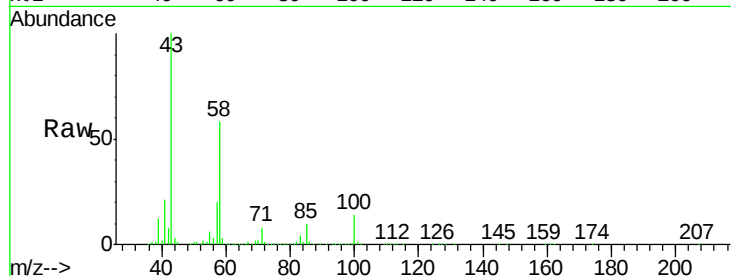




#59
2-Hexanone
Concen: 260.888 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.01 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

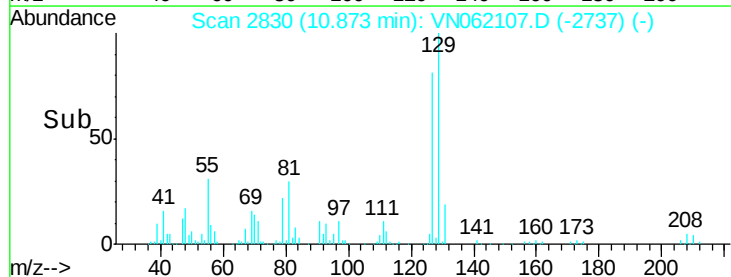
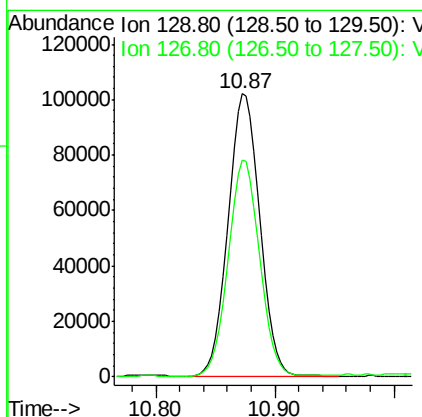
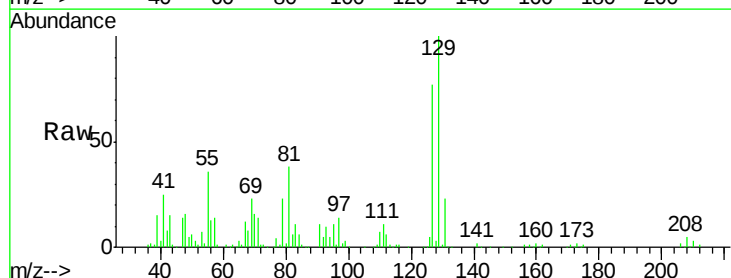
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MSD

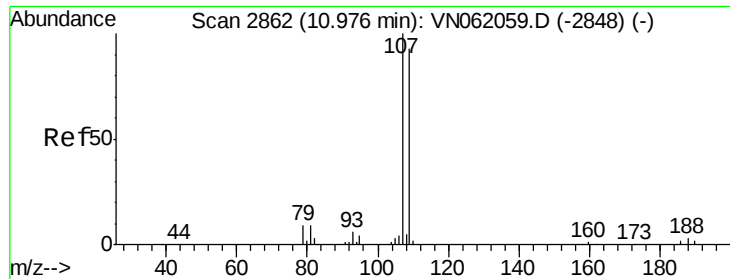
Tgt Ion: 43 Resp: 758180
Ion Ratio Lower Upper
43 100
58 59.9 29.5 88.5



#60
Dibromochloromethane
Concen: 47.512 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

Tgt Ion: 129 Resp: 187653
Ion Ratio Lower Upper
129 100
127 76.8 39.5 118.5





#61

1,2-Dibromoethane

Concen: 49.518 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

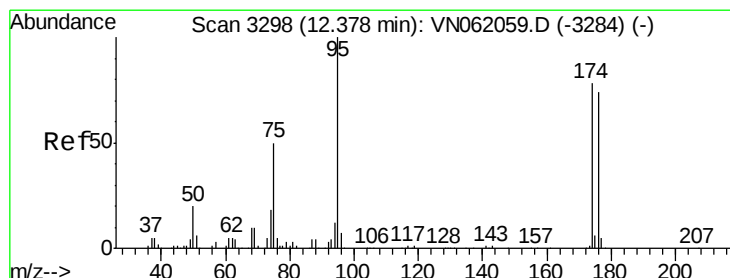
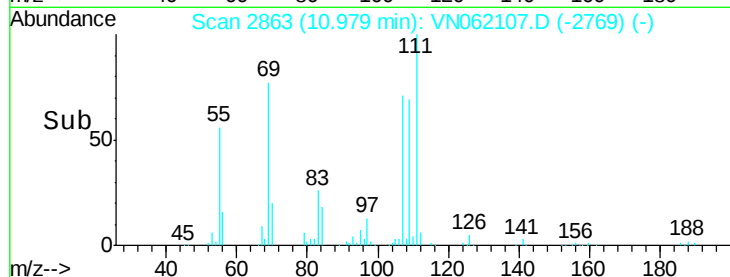
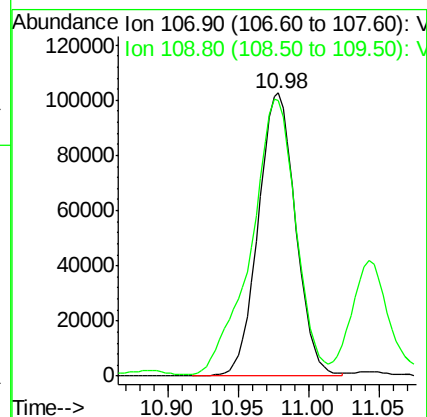
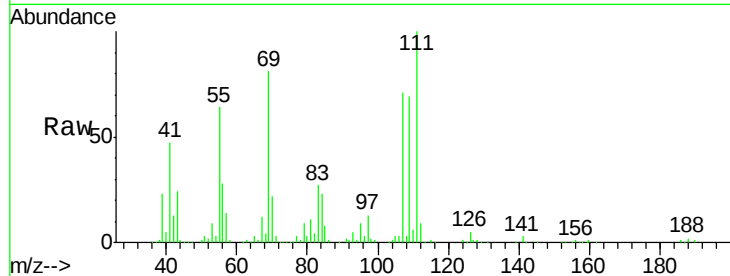
MW-27(16.5-18.5)MSD

Tgt Ion: 107 Resp: 189809

Ion Ratio Lower Upper

107 100

109 116.5 75.0 112.6#



#62

4-Bromofluorobenzene

Concen: 67.186 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

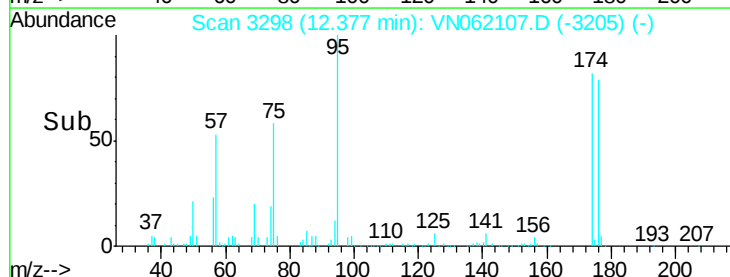
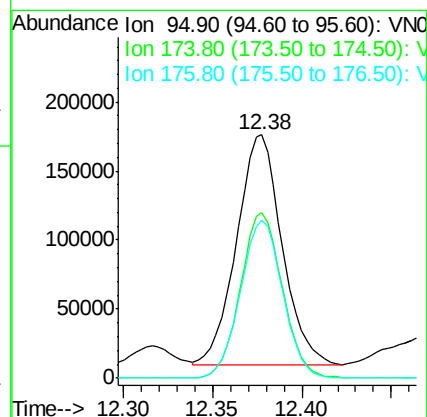
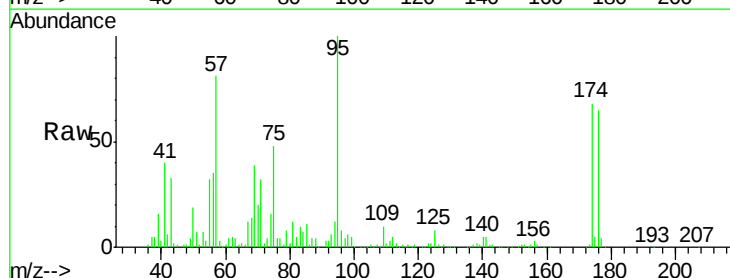
Tgt Ion: 95 Resp: 295536

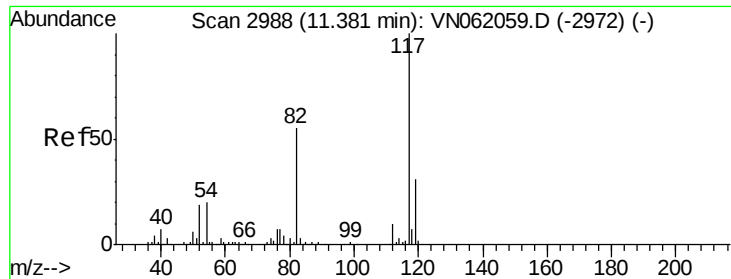
Ion Ratio Lower Upper

95 100

174 66.8 0.0 154.8

176 63.9 0.0 147.4

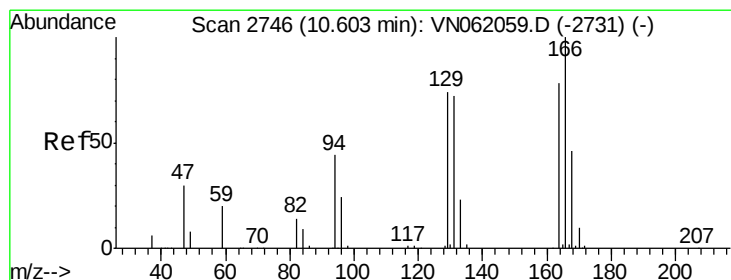
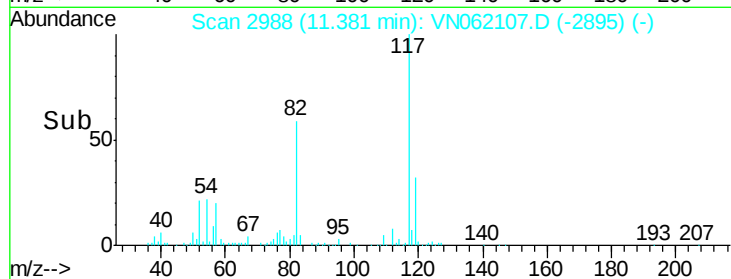
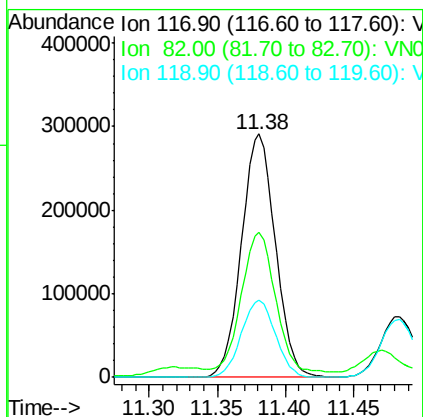
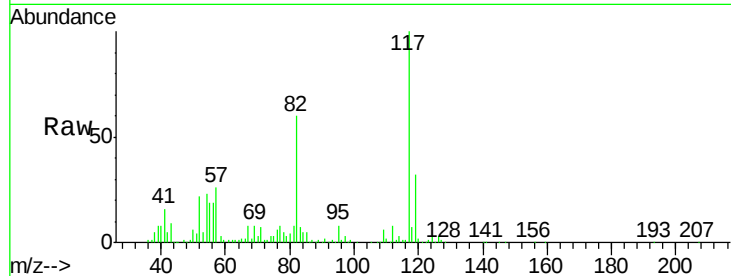




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

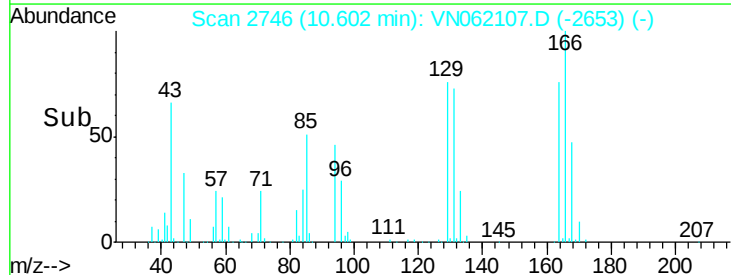
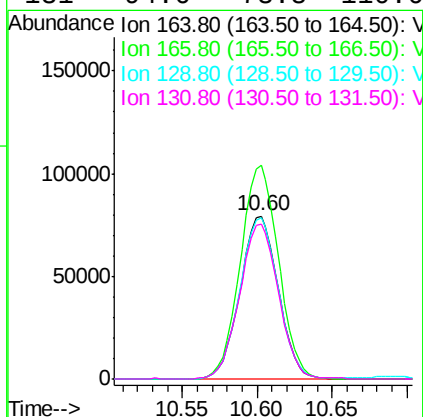
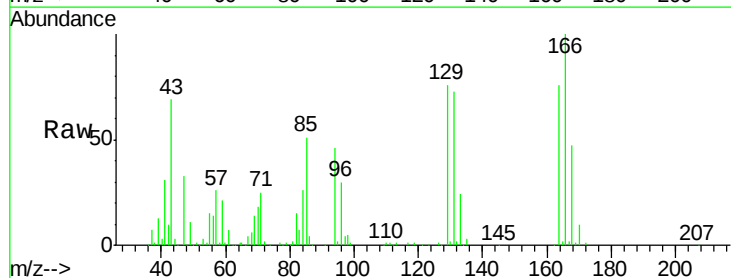
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MSD

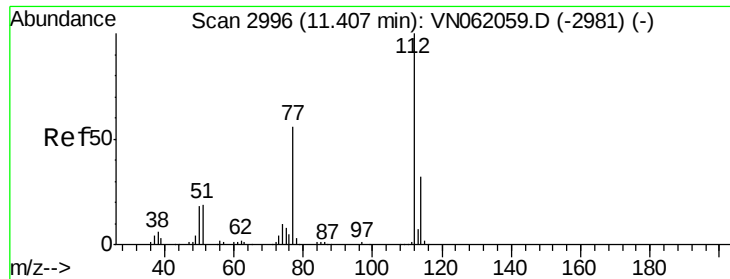
Tgt Ion:117 Resp: 503181
Ion Ratio Lower Upper
117 100
82 57.5 43.8 65.8
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 41.010 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

Tgt Ion:164 Resp: 140959
Ion Ratio Lower Upper
164 100
166 130.9 102.9 154.3
129 98.9 75.8 113.8
131 94.6 73.8 110.6

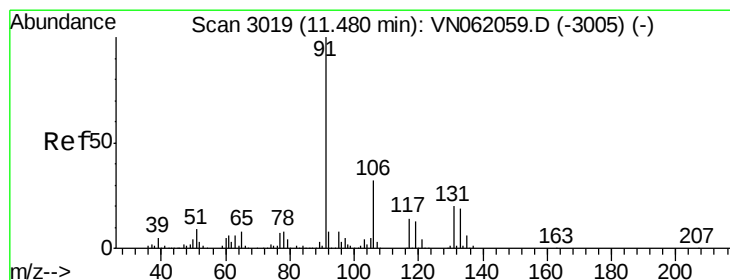
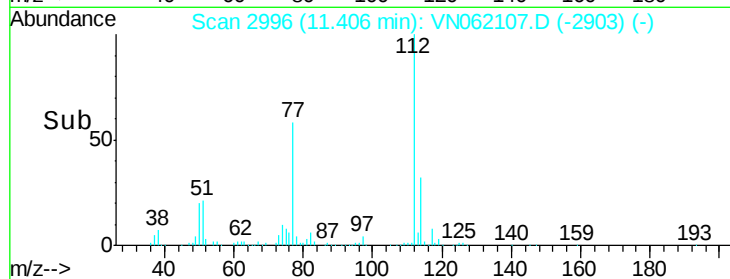
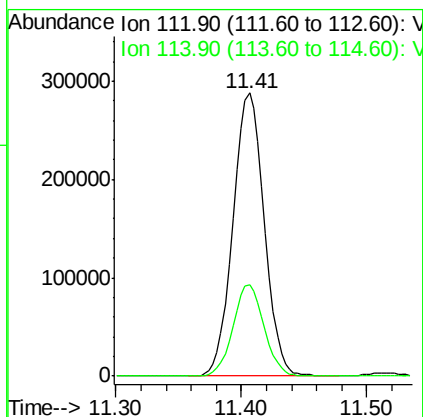
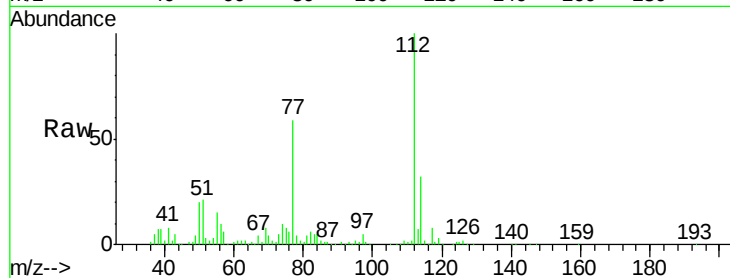




#65
Chlorobenzene
Concen: 45.063 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

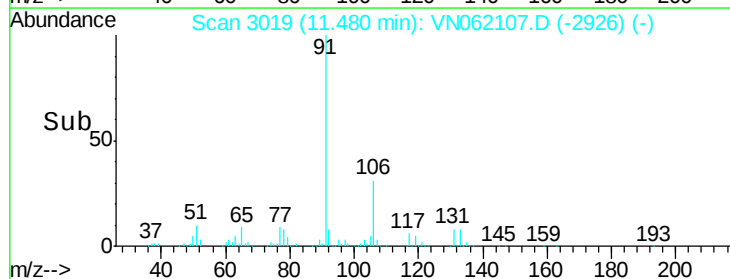
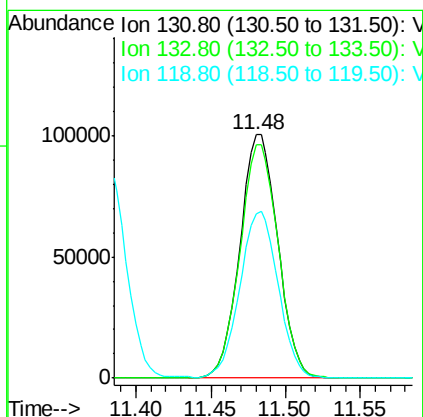
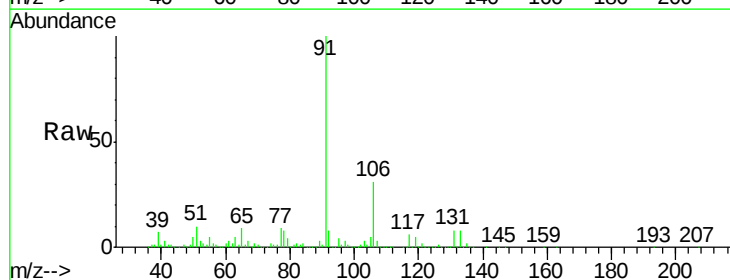
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MSD

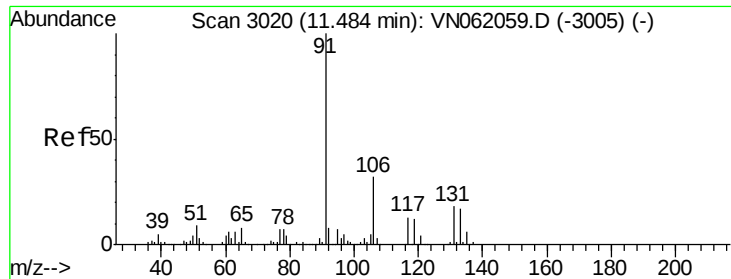
Tgt Ion:112 Resp: 497941
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 46.349 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

Tgt Ion:131 Resp: 177097
Ion Ratio Lower Upper
131 100
133 97.1 47.6 142.9
119 69.6 34.4 103.3

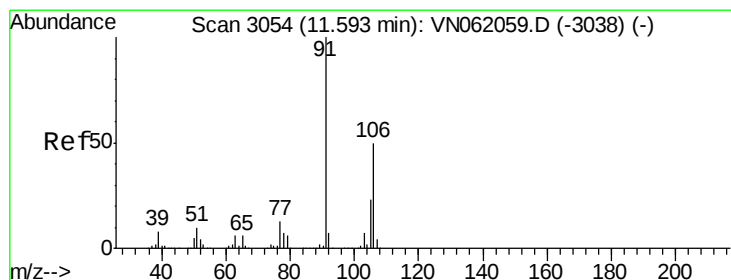
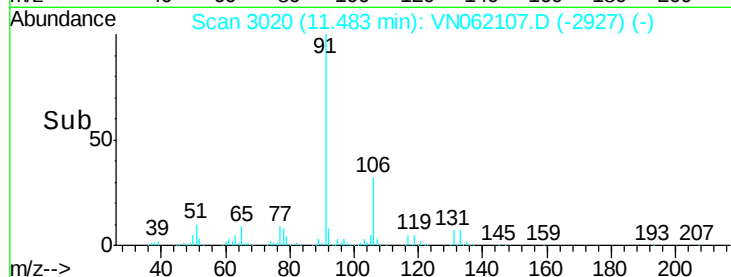
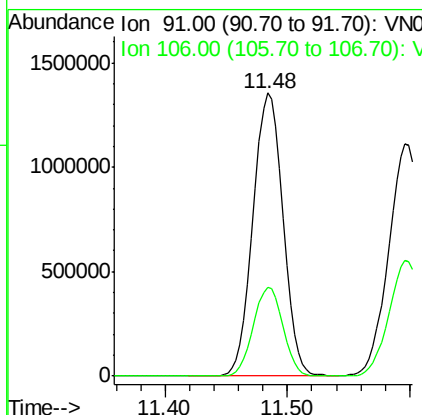
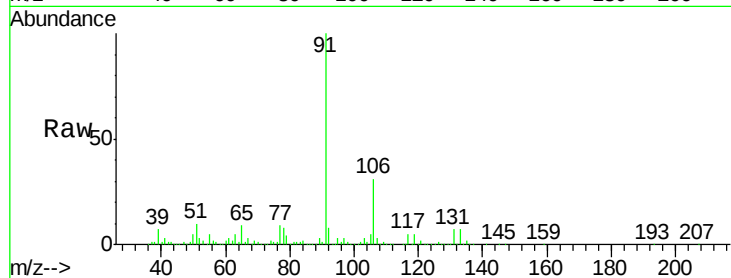




#67
Ethyl Benzene
Concen: 122.870 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

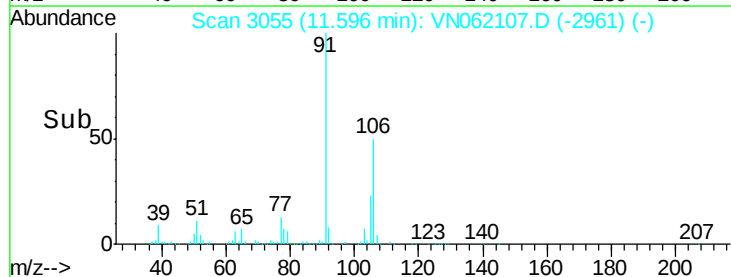
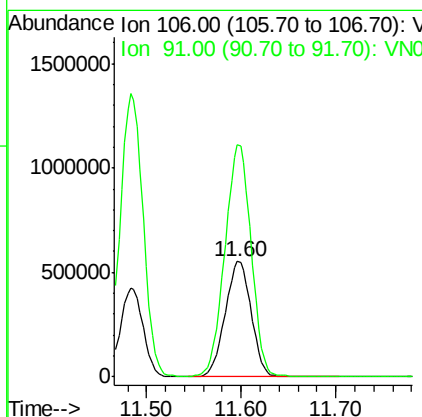
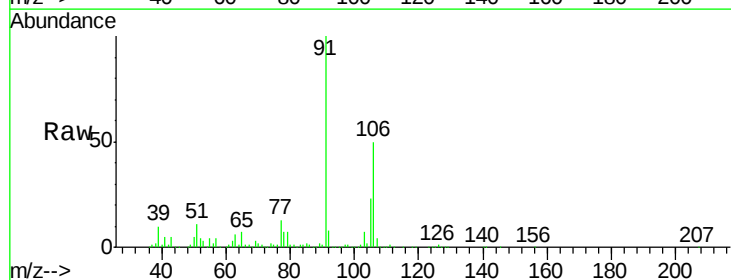
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MSD

Tgt Ion: 91 Resp: 2293003
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 146.143 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

Tgt Ion: 106 Resp: 1054882
Ion Ratio Lower Upper
106 100
91 201.4 157.8 236.8

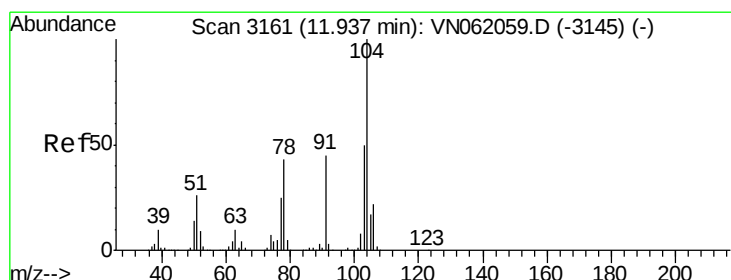
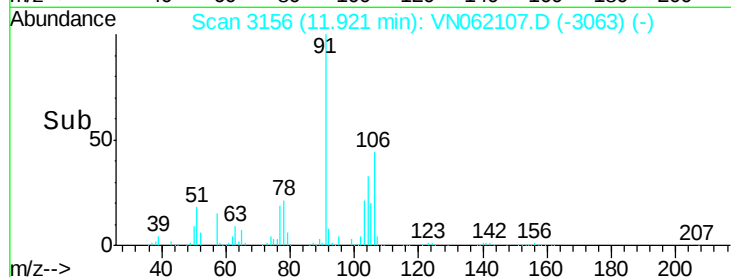
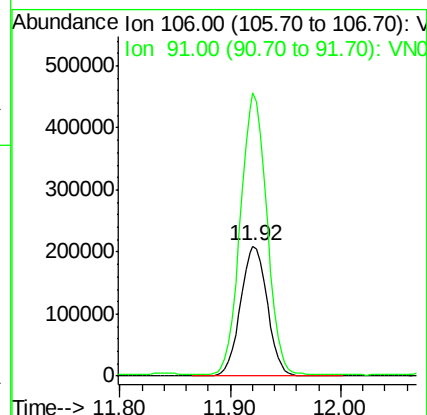
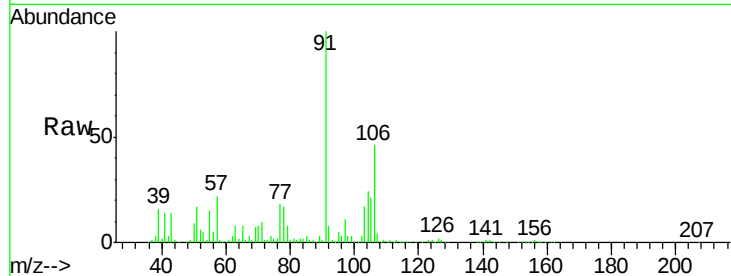




#69
o-Xylene
Concen: 51.795 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

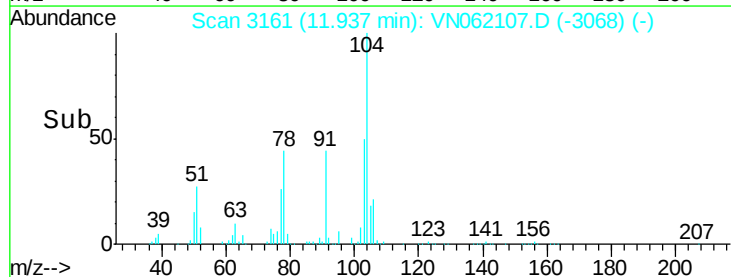
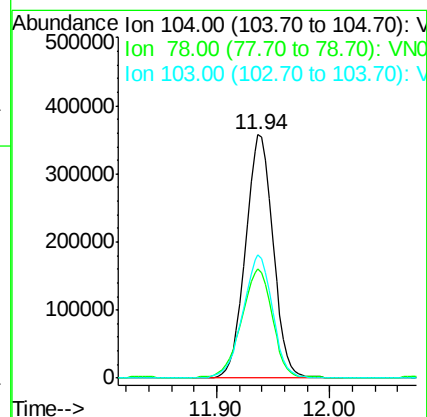
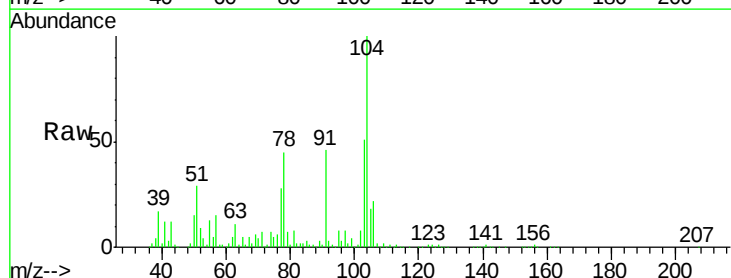
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MSD

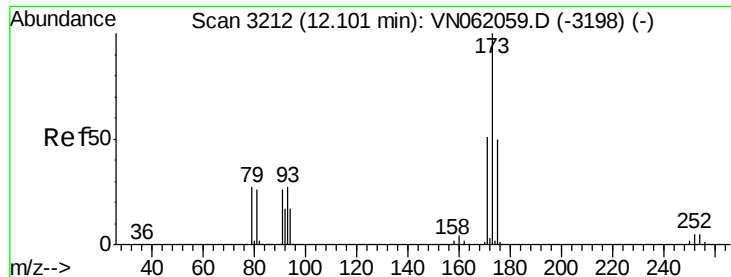
Tgt Ion:106 Resp: 352742
Ion Ratio Lower Upper
106 100
91 213.2 104.0 311.9



#70
Styrene
Concen: 53.620 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

Tgt Ion:104 Resp: 609018
Ion Ratio Lower Upper
104 100
78 49.5 37.7 56.5
103 54.0 43.0 64.6





#71

Bromoform

Concen: 48.083 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MSD

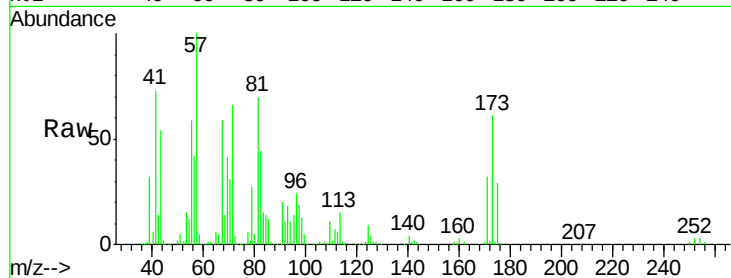
Tgt Ion:173 Resp: 130626

Ion Ratio Lower Upper

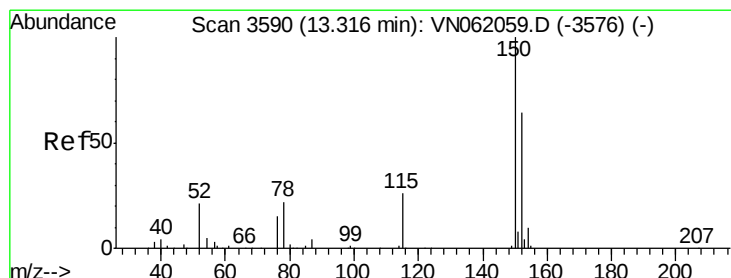
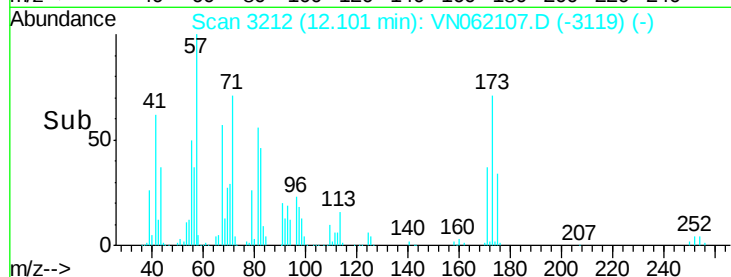
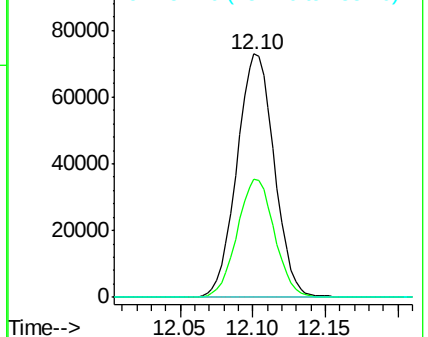
173 100

175 48.2 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: VN062107.D

Acq: 25 Jun 2020 13:40

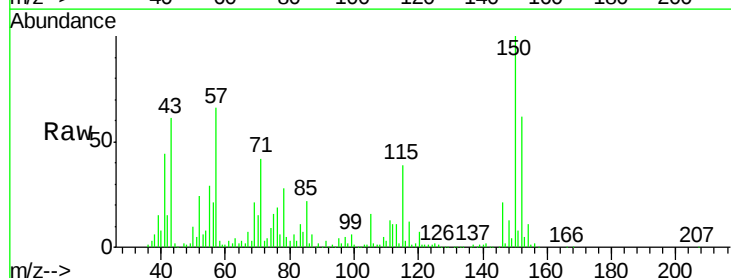
Tgt Ion:152 Resp: 269326

Ion Ratio Lower Upper

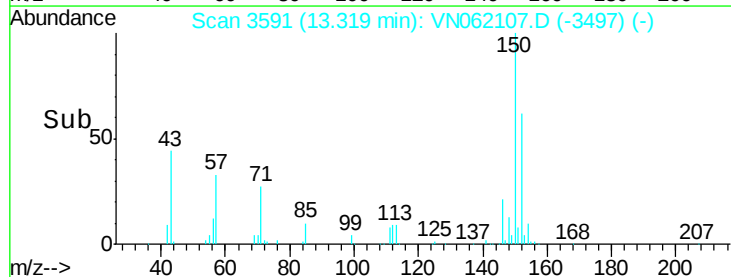
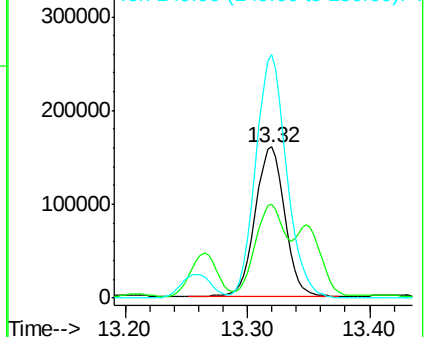
152 100

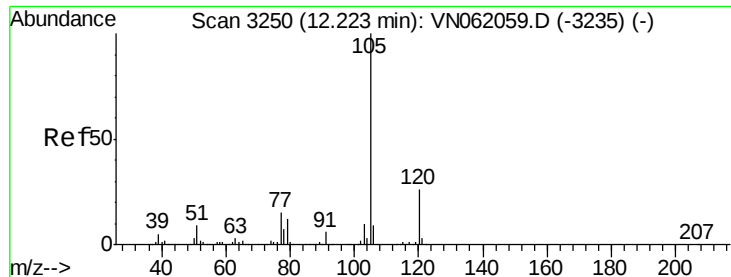
115 57.1 29.5 88.5

150 167.5 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: 64.764 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

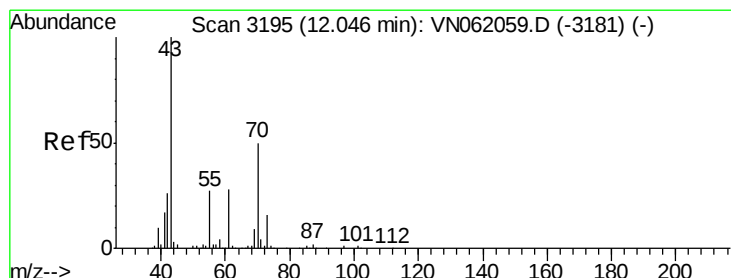
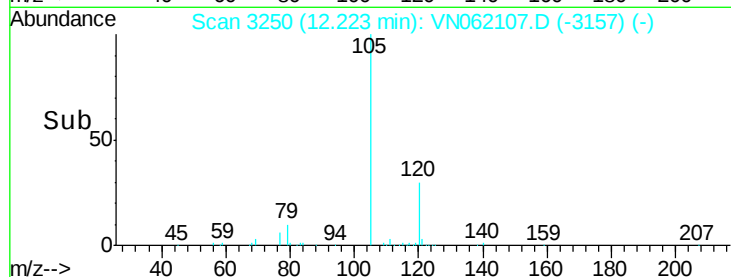
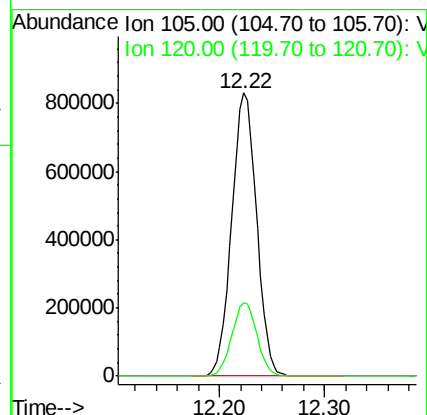
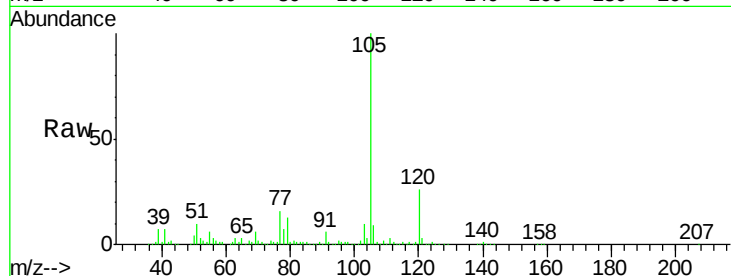
MW-27(16.5-18.5)MSD

Tgt Ion:105 Resp: 1350200

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 34.415 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Tgt Ion: 43 Resp: 255548

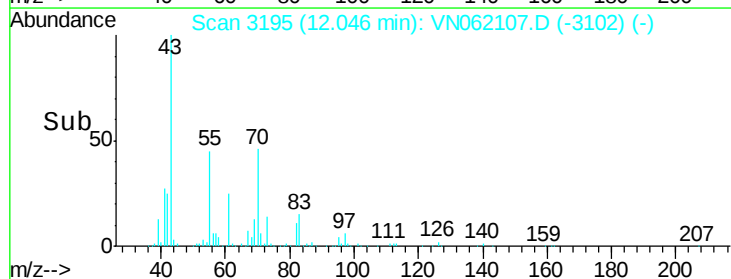
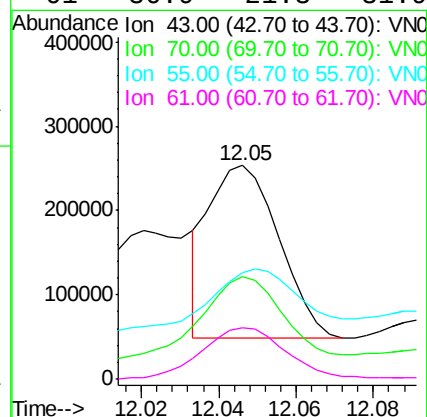
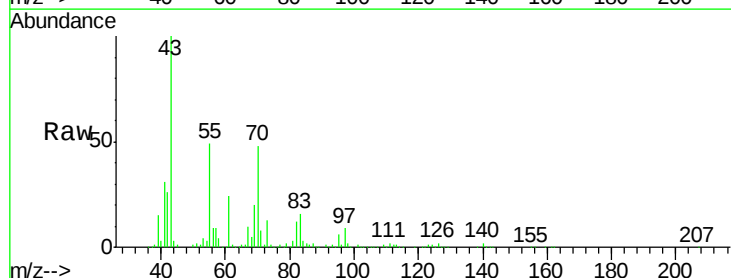
Ion Ratio Lower Upper

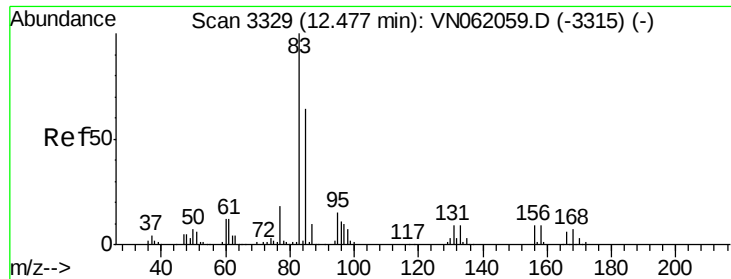
43 100

70 64.5 39.4 59.2#

55 71.1 21.7 32.5#

61 36.9 21.3 31.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 41.024 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MSD

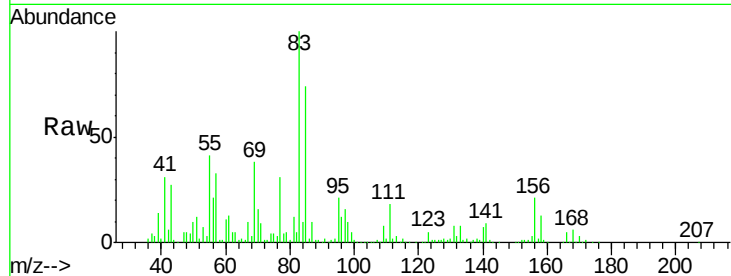
Tgt Ion: 83 Resp: 284609

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.4

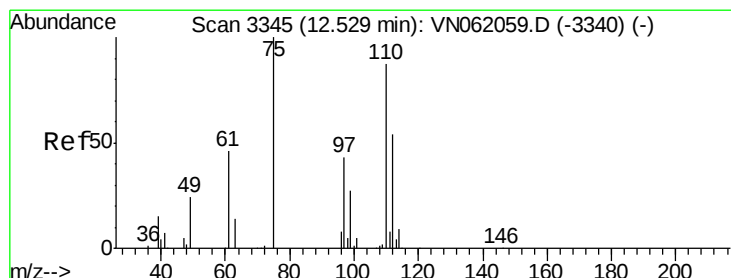
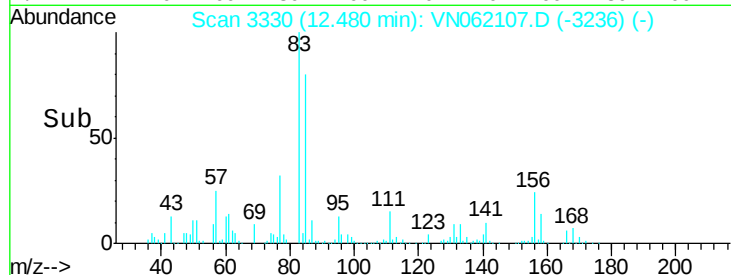
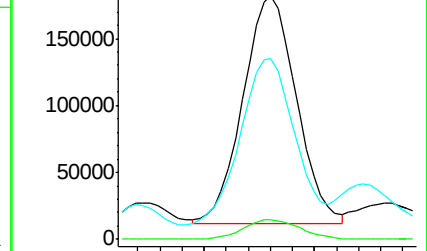
85 78.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062107.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062107.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062107.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 59.641 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062107.D

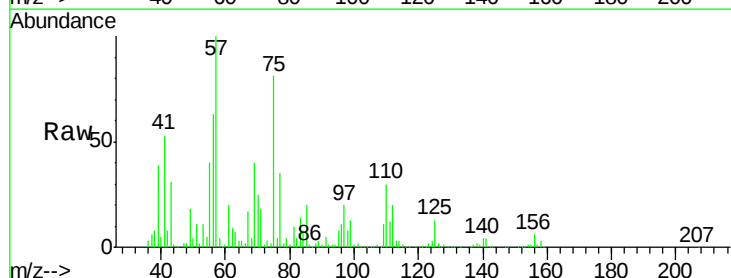
Acq: 25 Jun 2020 13:40

Tgt Ion: 75 Resp: 378131

Ion Ratio Lower Upper

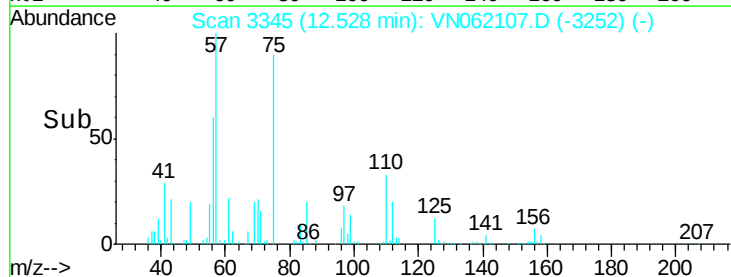
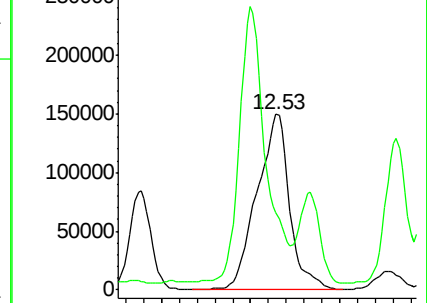
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062107.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062107.D (-3252) (-)





#77

Bromobenzene

Concen: 47.091 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MSD

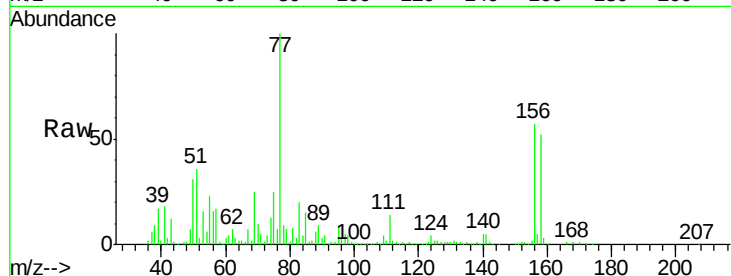
Tgt Ion:156 Resp: 243739

Ion Ratio Lower Upper

156 100

77 196.7 104.6 313.8

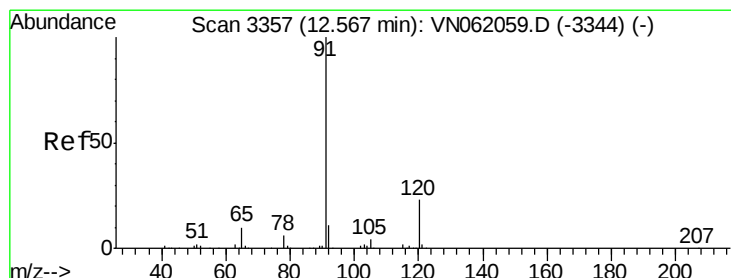
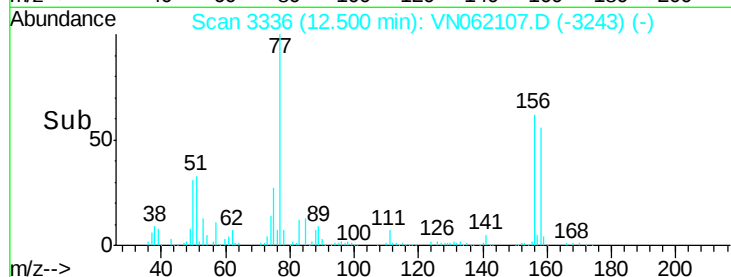
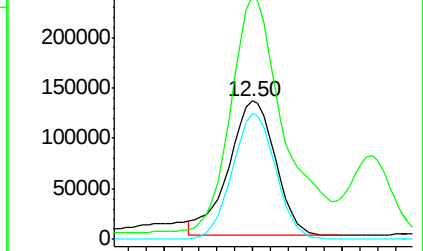
158 86.6 48.0 144.0



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: 128.957 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062107.D

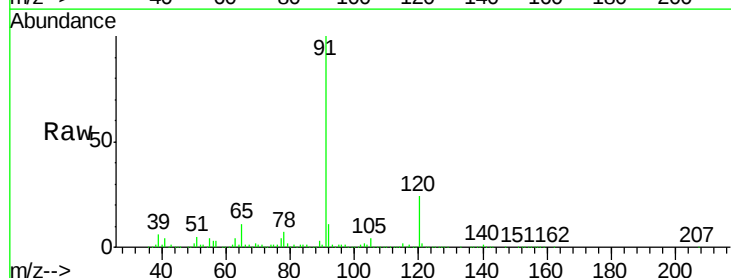
Acq: 25 Jun 2020 13:40

Tgt Ion: 91 Resp: 3075247

Ion Ratio Lower Upper

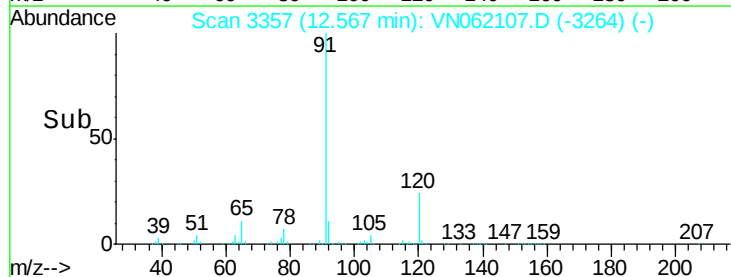
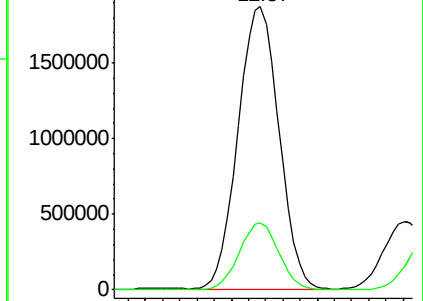
91 100

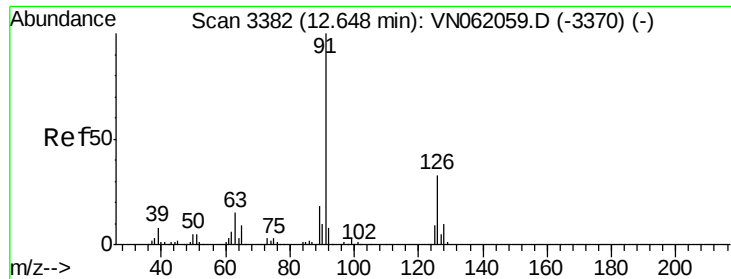
120 23.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

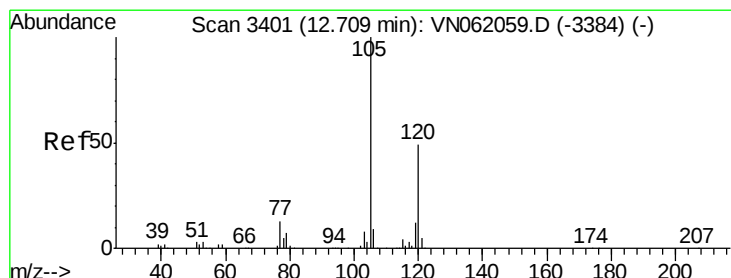
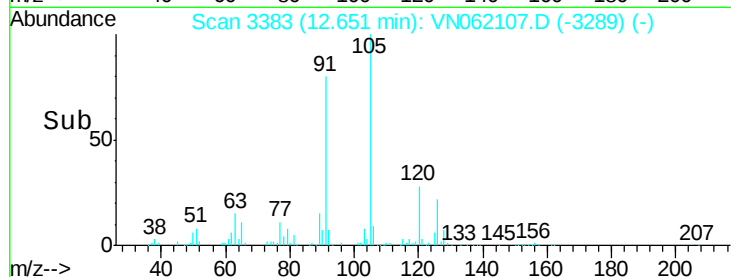
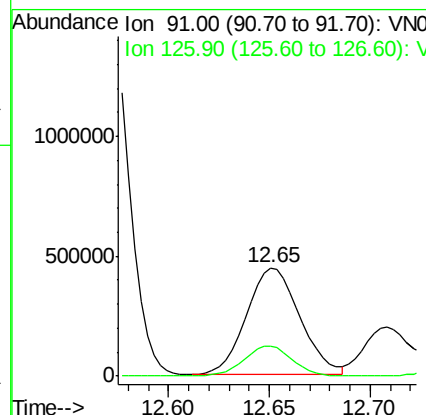
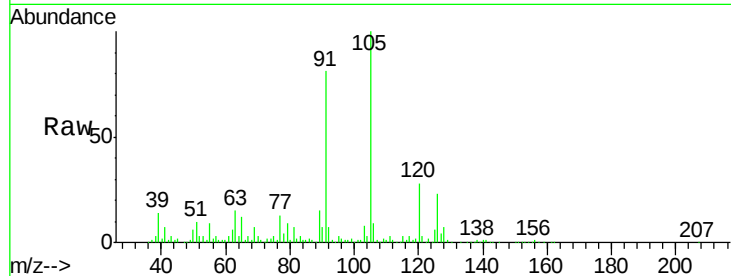




#79
 2-Chlorotoluene
 Concen: 57.509 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

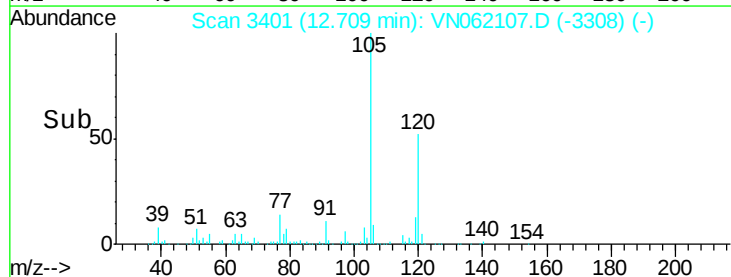
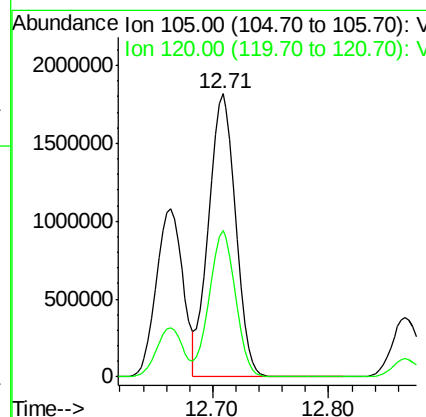
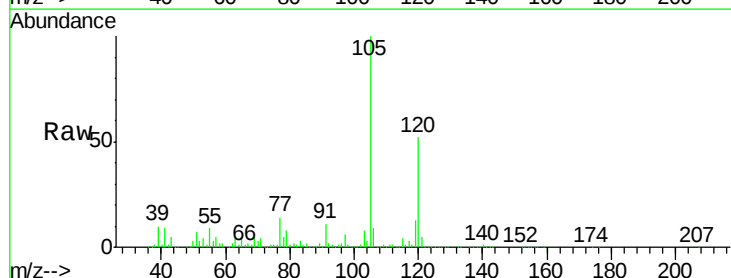
Instrument :
 MSVOA_N
 ClientSampled :
 MW-27(16.5-18.5)MSD

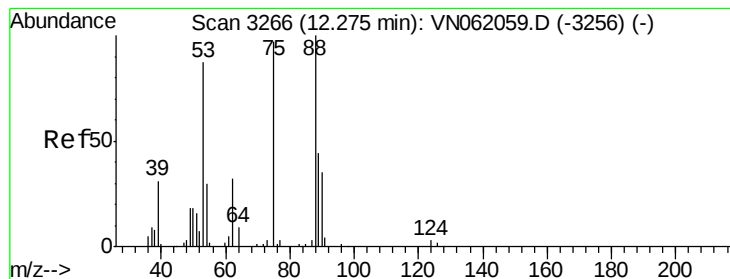
Tgt Ion: 91 Resp: 829091
 Ion Ratio Lower Upper
 91 100
 126 25.3 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 175.261 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

Tgt Ion: 105 Resp: 2962005
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 37.858 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MSD

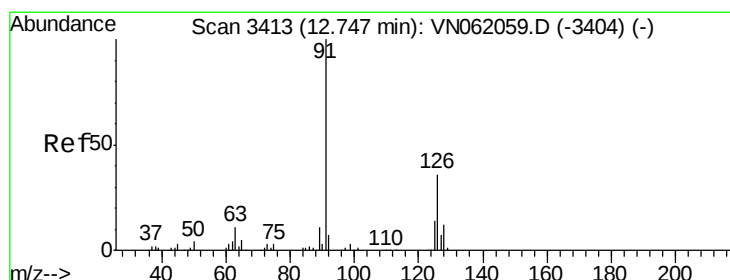
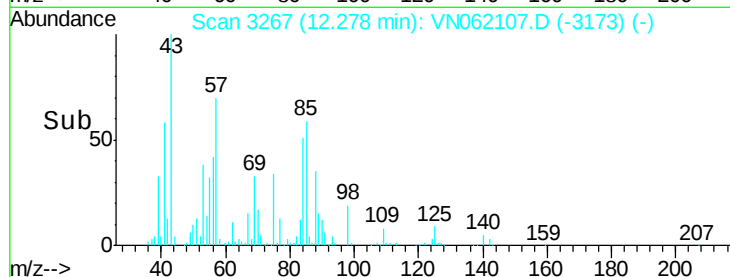
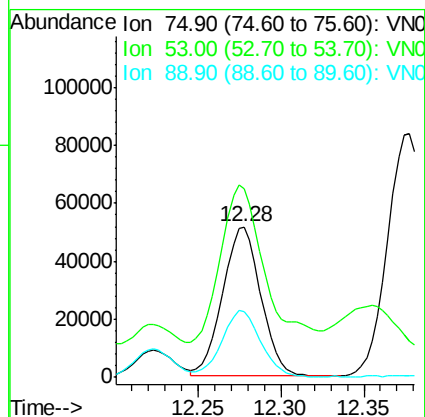
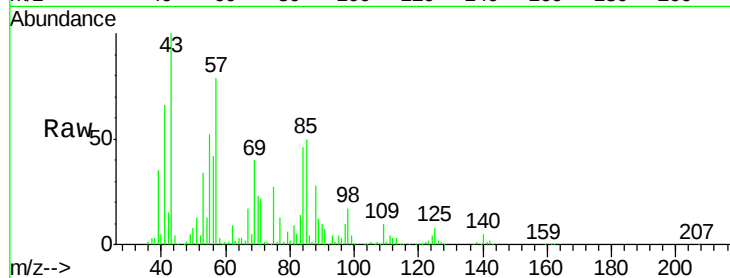
Tgt Ion: 75 Resp: 82190

Ion Ratio Lower Upper

75 100

53 122.2 72.0 108.0#

89 45.2 36.9 55.3



#82

4-Chlorotoluene

Concen: 45.828 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062107.D

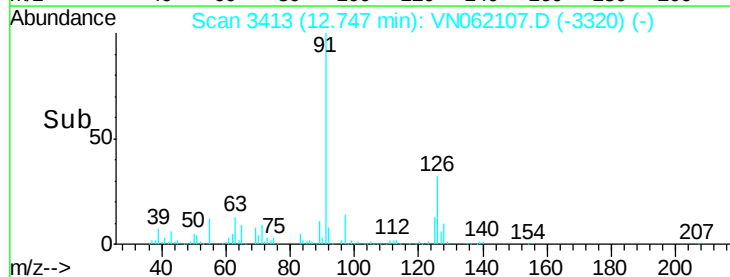
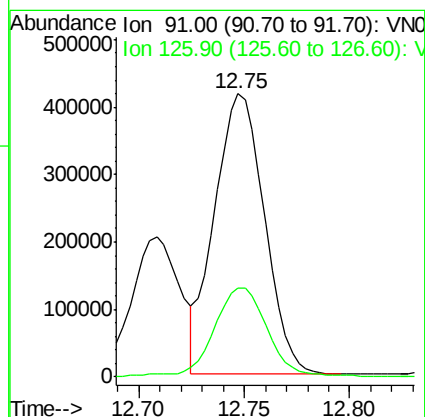
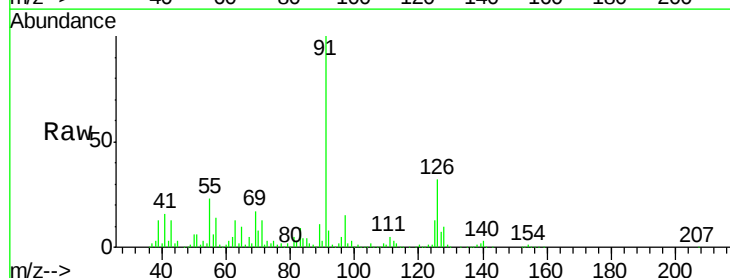
Acq: 25 Jun 2020 13:40

Tgt Ion: 91 Resp: 683222

Ion Ratio Lower Upper

91 100

126 33.6 16.7 50.1

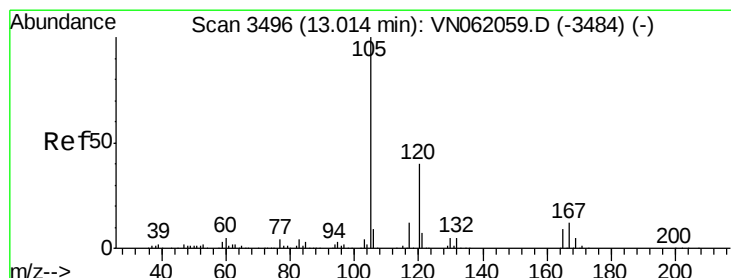
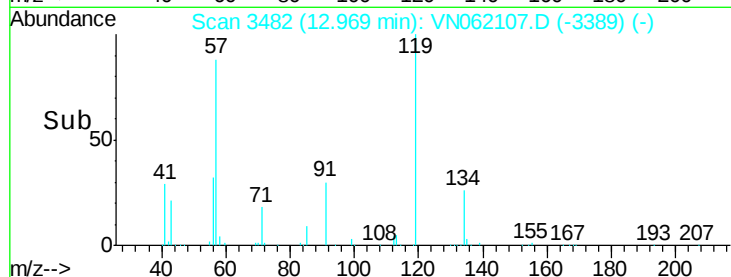
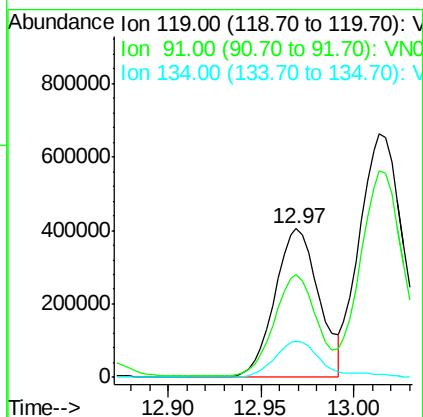
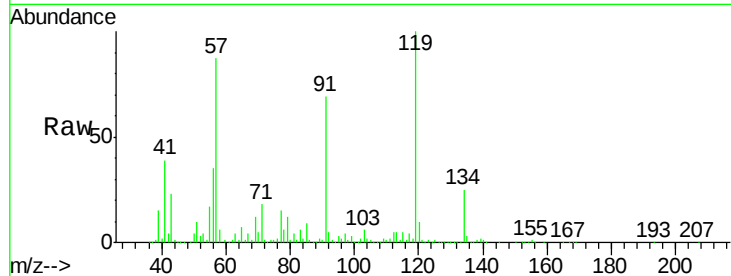




#83
 tert-Butylbenzene
 Concen: 46.422 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

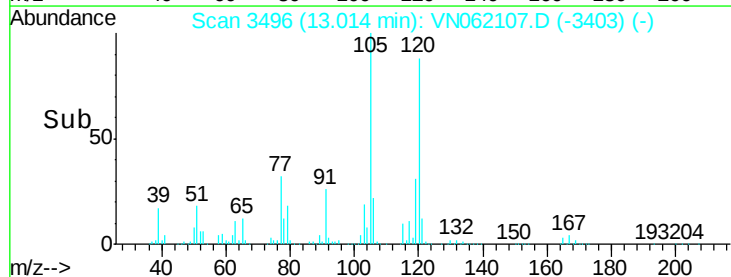
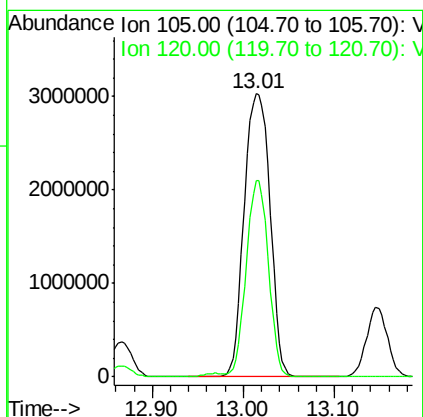
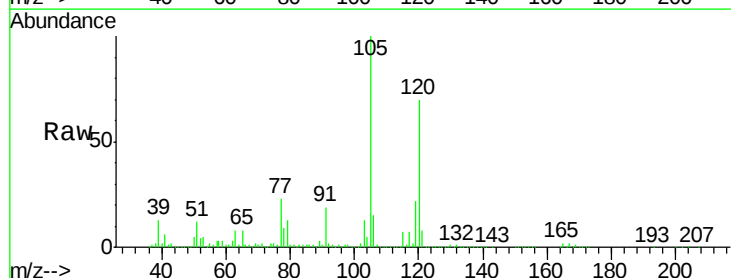
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MSD

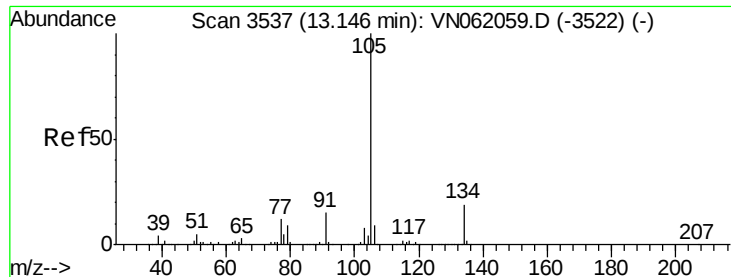
Tgt Ion:119 Resp: 671422
 Ion Ratio Lower Upper
 119 100
 91 64.6 31.7 95.1
 134 26.3 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 354.417 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

Tgt Ion:105 Resp: 5982287
 Ion Ratio Lower Upper
 105 100
 120 59.8 23.2 69.5

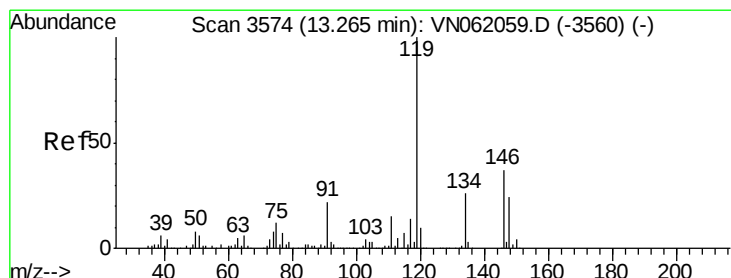
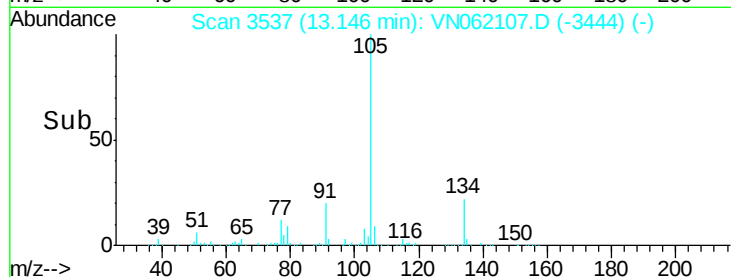
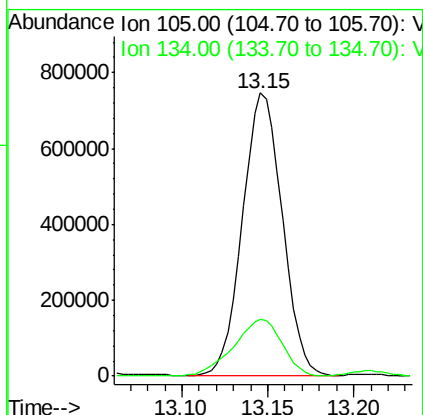
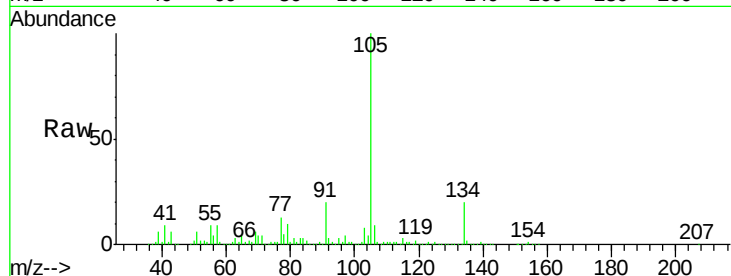




#85
 sec-Butylbenzene
 Concen: 62.416 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

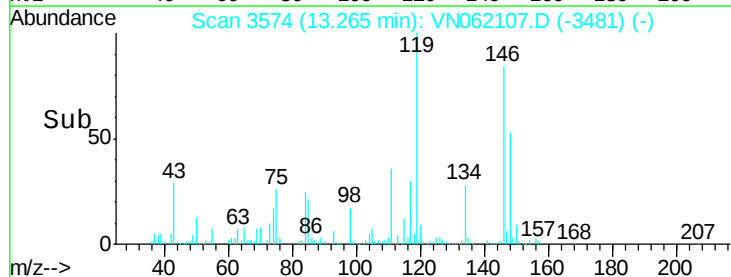
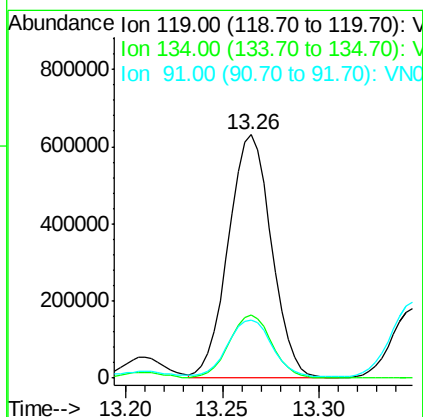
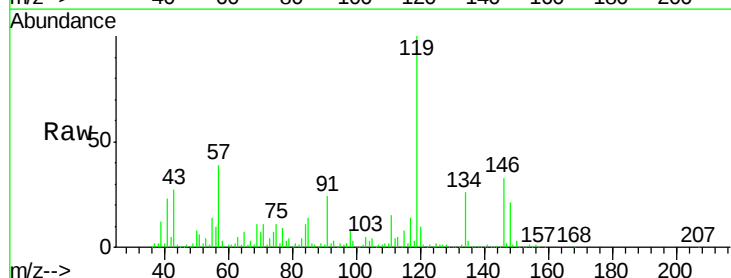
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MSD

Tgt Ion:105 Resp: 1192881
 Ion Ratio Lower Upper
 105 100
 134 24.7 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 58.193 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

Tgt Ion:119 Resp: 974400
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 23.8 11.3 33.8

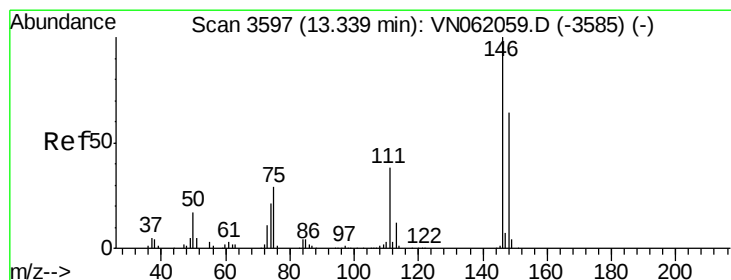
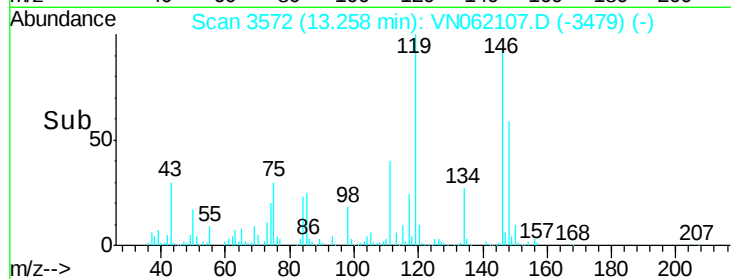
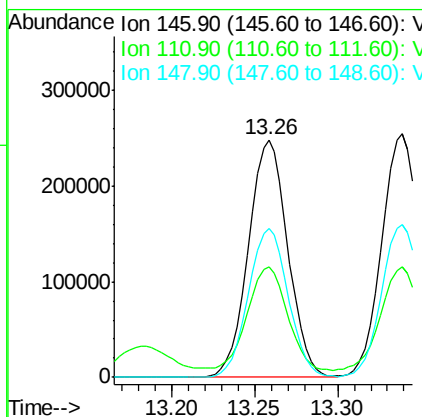
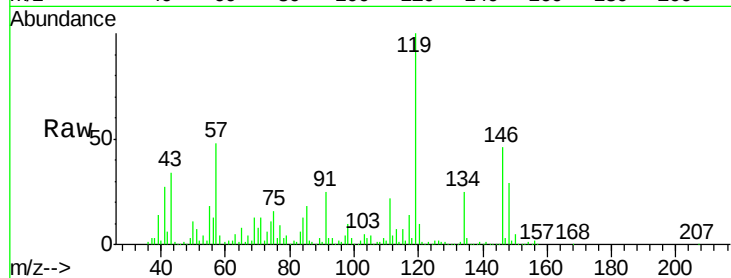




#87
 1,3-Dichlorobenzene
 Concen: 45.079 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

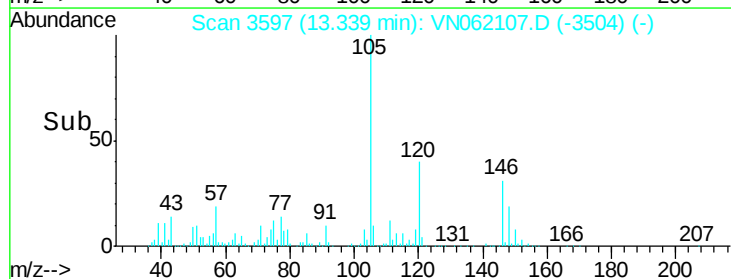
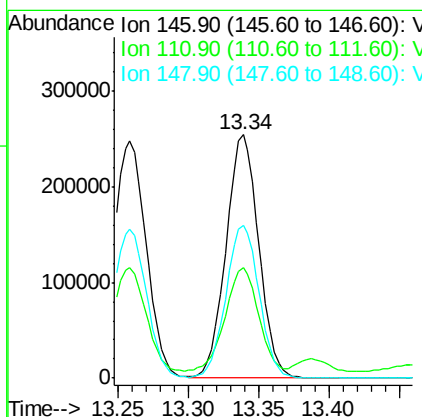
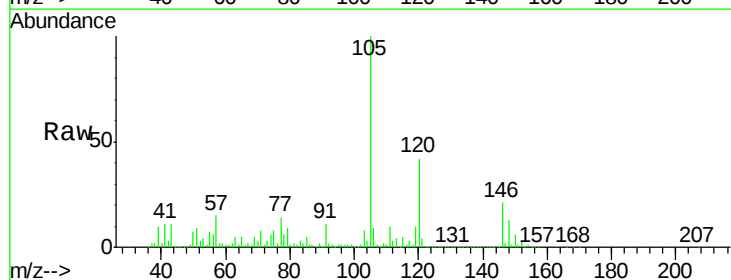
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MSD

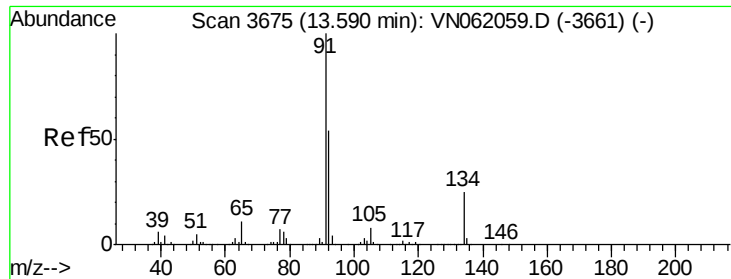
Tgt Ion:146 Resp: 409714
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.3 61.0
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 43.898 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

Tgt Ion:146 Resp: 411273
 Ion Ratio Lower Upper
 146 100
 111 42.4 19.9 59.6
 148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 153.501 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062107.D

Acq: 25 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MSD

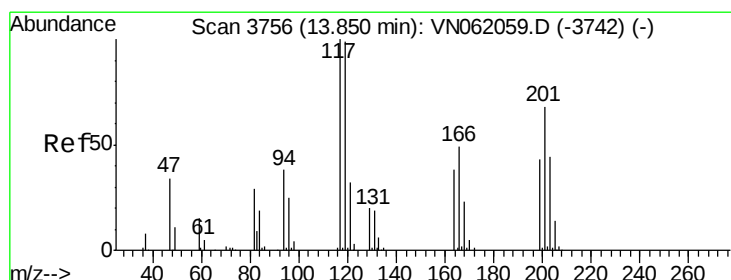
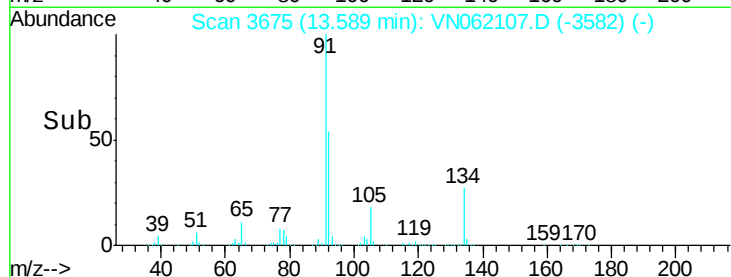
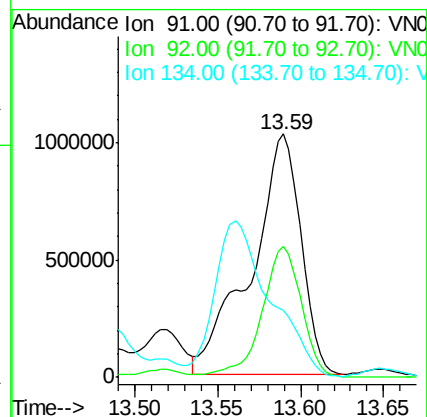
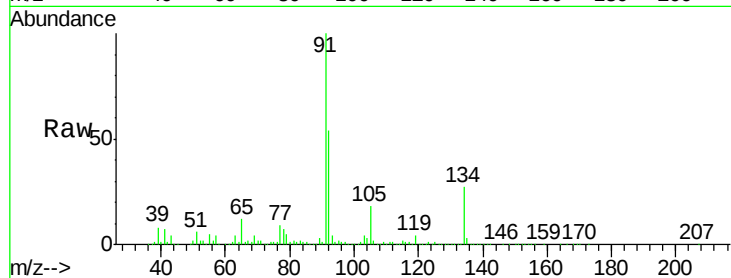
Tgt Ion: 91 Resp: 2136859

Ion Ratio Lower Upper

91 100

92 42.8 26.6 79.7

134 0.0 12.3 36.9#



#90

Hexachloroethane

Concen: 119.053 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN062107.D

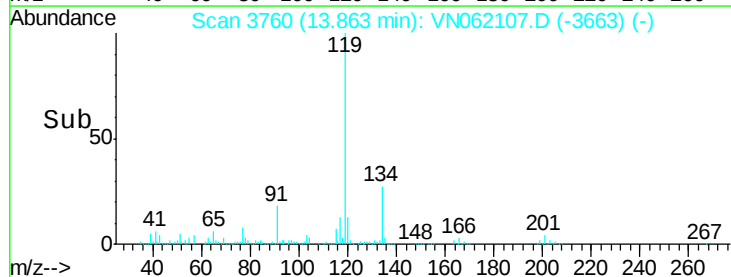
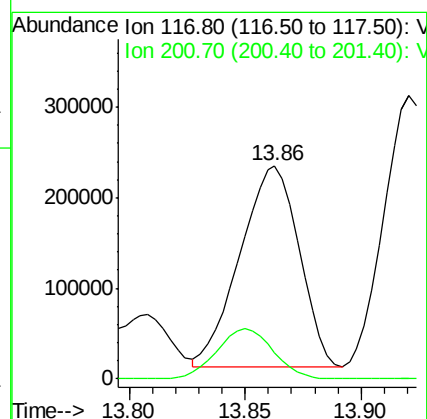
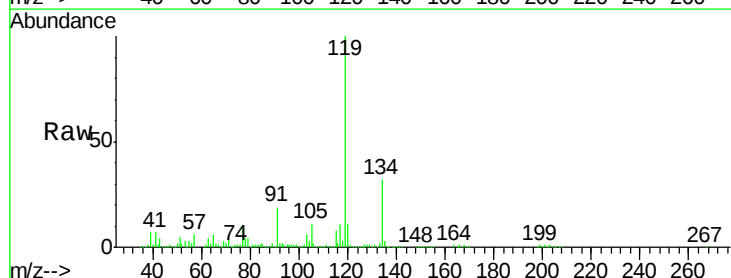
Acq: 25 Jun 2020 13:40

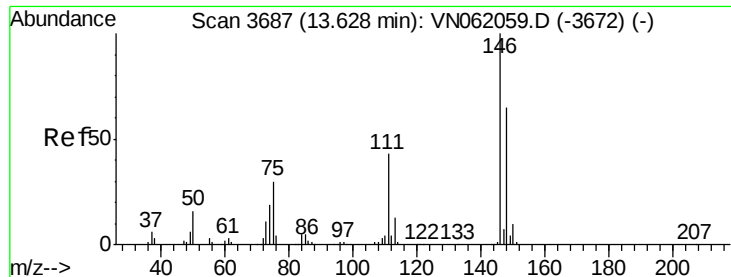
Tgt Ion: 117 Resp: 391113

Ion Ratio Lower Upper

117 100

201 24.1 32.7 98.1#

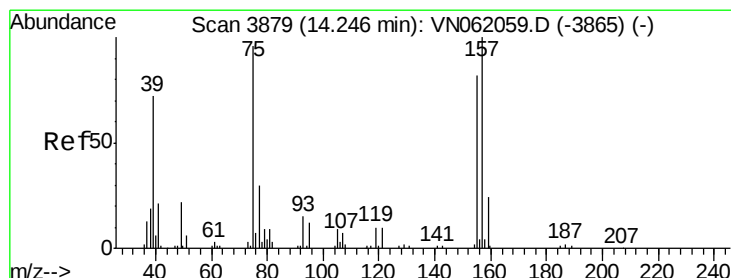
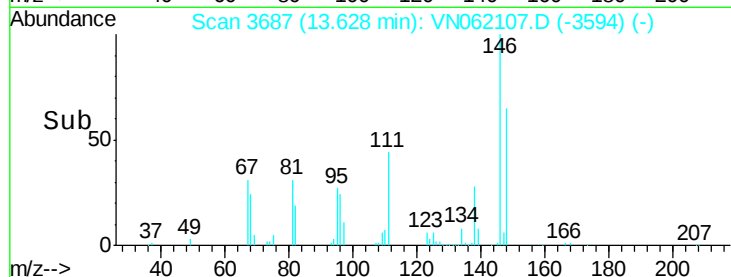
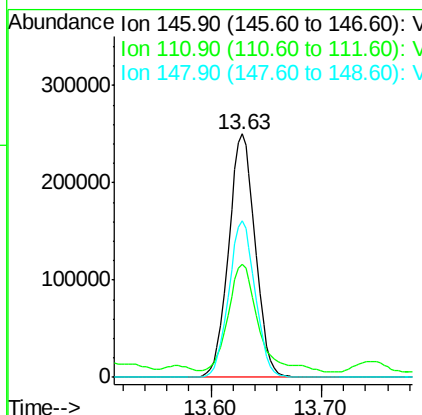
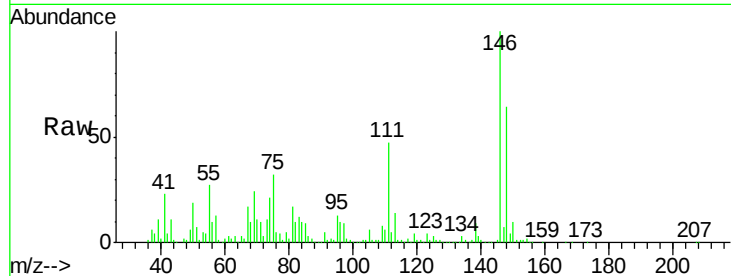




#91
 1,2-Dichlorobenzene
 Concen: 47.244 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

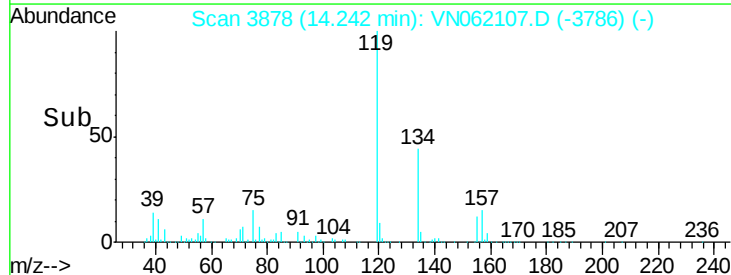
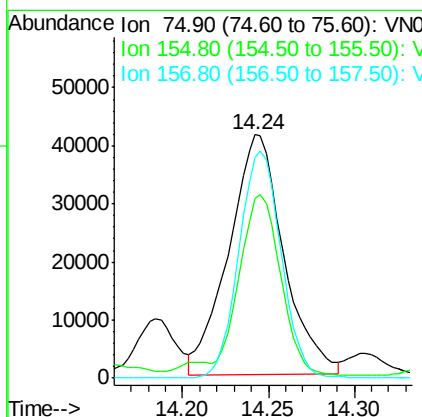
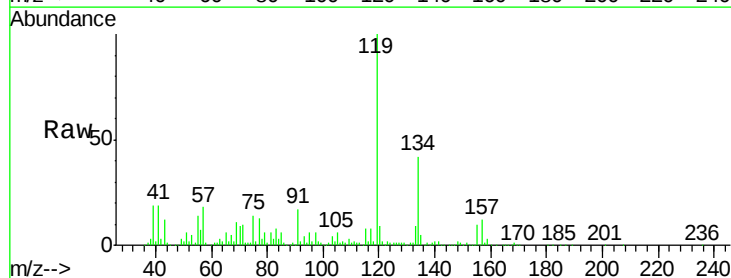
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MSD

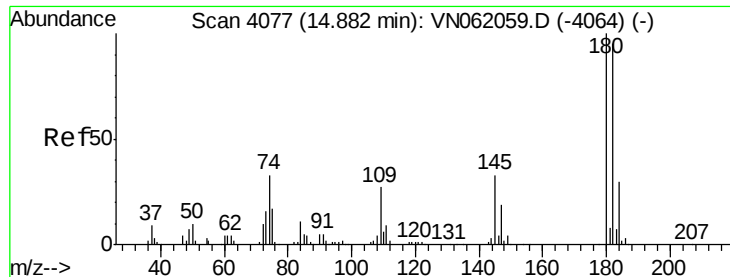
Tgt Ion:146 Resp: 416381
 Ion Ratio Lower Upper
 146 100
 111 50.9 21.2 63.6
 148 64.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 82.764 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

Tgt Ion: 75 Resp: 91982
 Ion Ratio Lower Upper
 75 100
 155 56.6 40.8 122.4
 157 72.5 51.4 154.3

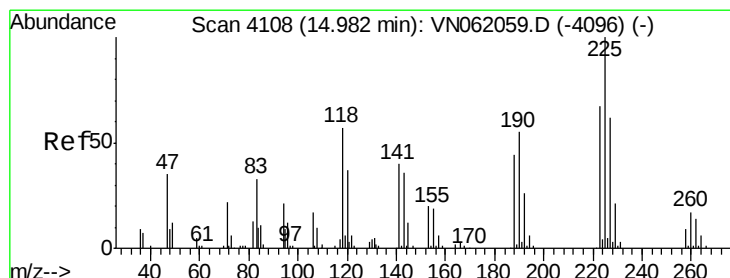
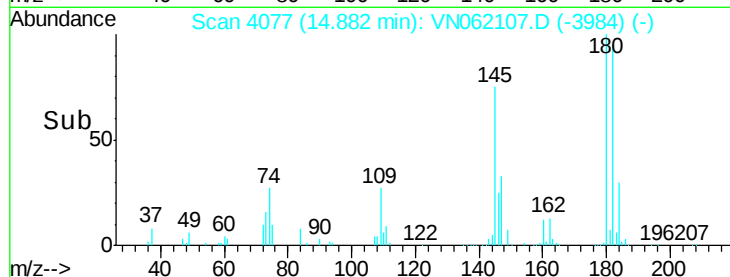
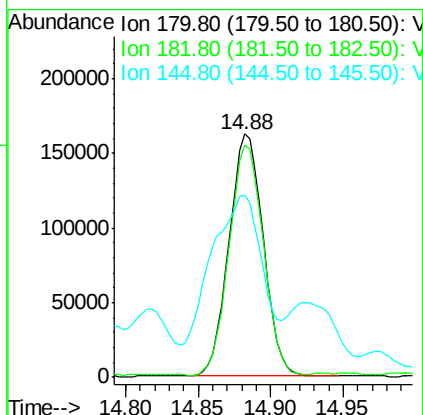
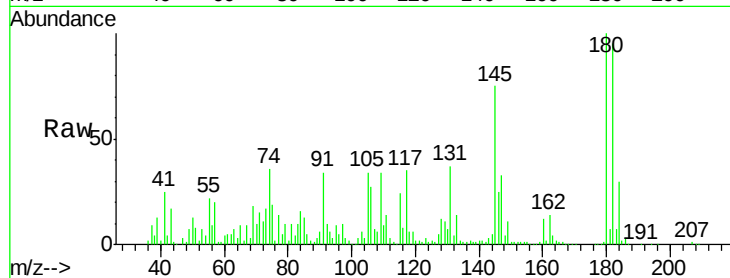




#93
 1,2,4-Trichlorobenzene
 Concen: 69.234 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

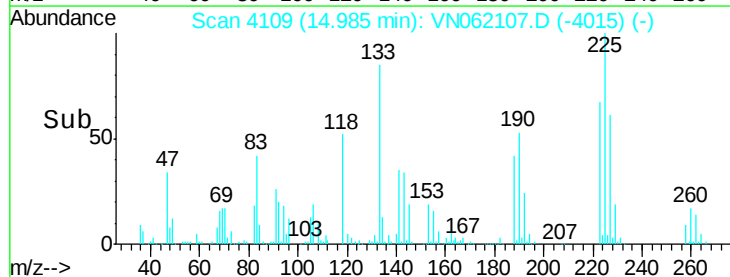
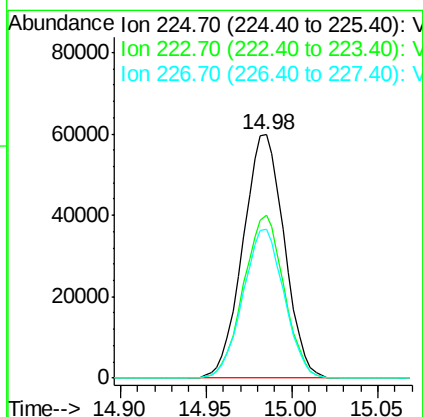
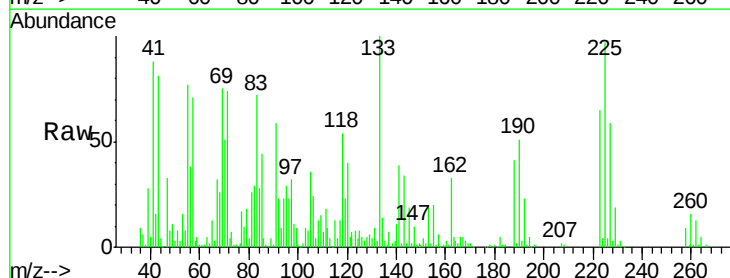
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MSD

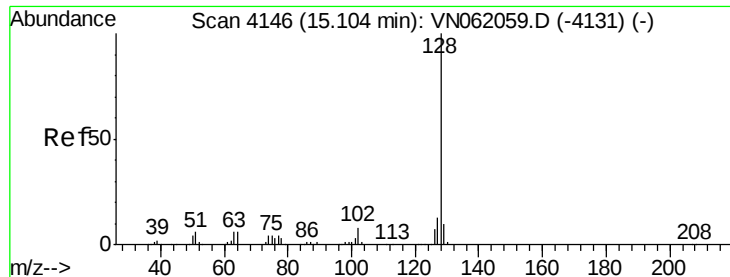
Tgt Ion:180 Resp: 266563
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.0 144.2
 145 86.6 16.0 48.0#



#94
 Hexachlorobutadiene
 Concen: 59.551 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062107.D
 Acq: 25 Jun 2020 13:40

Tgt Ion:225 Resp: 99585
 Ion Ratio Lower Upper
 225 100
 223 65.8 32.9 98.7
 227 60.9 31.3 93.8

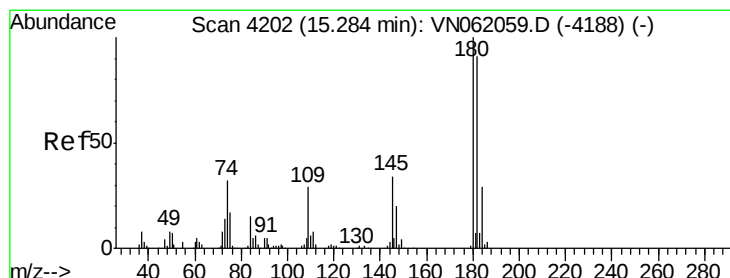
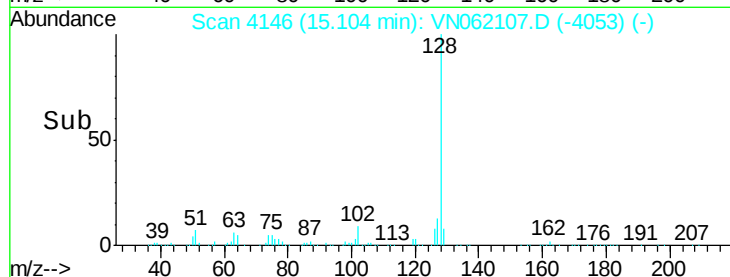
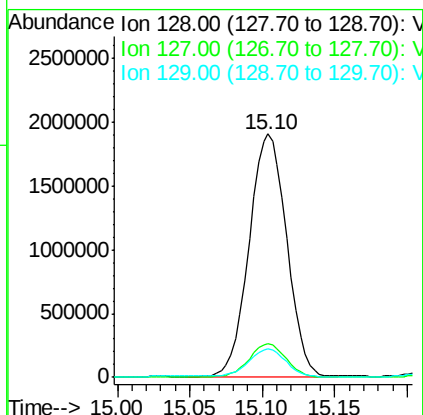
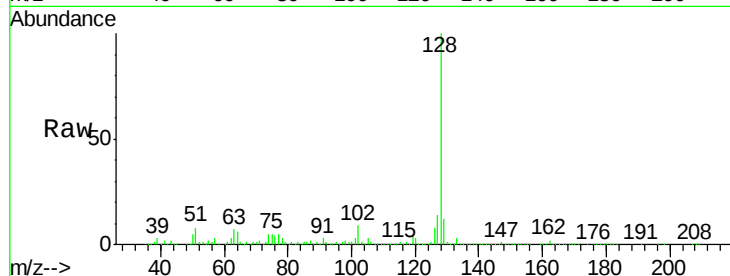




#95
Naphthalene
Concen: 249.140 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

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

Tgt Ion:128 Resp: 3420321
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 67.275 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062107.D
Acq: 25 Jun 2020 13:40

Tgt Ion:180 Resp: 264854
Ion Ratio Lower Upper
180 100
182 95.0 46.8 140.4
145 0.0 16.4 49.2#

