

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062106.D
 Acq On : 25 Jun 2020 13:16
 Operator : JC/MD
 Sample : L3020-18MS
 Misc : 5.10g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jun 26 01:45:09 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	259712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	492621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	540805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	286329	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	189757	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
35) Dibromofluoromethane	7.54	113	152323	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.06	98	790283	62.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.12%	
62) 4-Bromofluorobenzene	12.37	95	374458	87.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	143604	48.918	ug/l	96
3) Chloromethane	2.03	50	204824	59.520	ug/l	98
4) Vinyl Chloride	2.16	62	226326	48.957	ug/l	100
5) Bromomethane	2.48	94	31889	10.673	ug/l	99
6) Chloroethane	2.61	64	24195	7.661	ug/l	99
7) Trichlorofluoromethane	2.92	101	317432	55.725	ug/l	99
8) Diethyl Ether	3.36	74	110574	55.590	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.68	101	140139	46.979	ug/l	99
10) Methyl Iodide	3.88	142	147248	43.830	ug/l	98
11) Tert butyl alcohol	4.68	59	5990	11.447	ug/l #	72
12) 1,1-Dichloroethene	3.66	96	154733	51.887	ug/l	99
13) Acrolein	3.56	56	115411	225.267	ug/l	97
14) Allyl chloride	4.25	41	212779	52.407	ug/l	99
15) Acrylonitrile	4.93	53	383660	269.050	ug/l	98
16) Acetone	3.78	43	309003	270.439	ug/l	97
17) Carbon Disulfide	3.98	76	450333	52.719	ug/l	100
18) Methyl Acetate	4.27	43	167516	57.819	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	519965	54.566	ug/l #	84
20) Methylene Chloride	4.49	84	184200	55.077	ug/l	97
21) trans-1,2-Dichloroethene	4.97	96	167853	49.409	ug/l	94
22) Diisopropyl ether	5.90	45	497948	53.864	ug/l	98
23) Vinyl Acetate	5.83	43	2069790	274.231	ug/l	99
24) 1,1-Dichloroethane	5.78	63	302132	50.754	ug/l	100
25) 2-Butanone	6.79	43	456809	256.426	ug/l	98
26) 2,2-Dichloropropane	6.76	77	151081	30.456	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	191280	50.037	ug/l	96
28) Bromochloromethane	7.14	49	128036	49.572	ug/l	94
29) Tetrahydrofuran	7.17	42	312364	267.679	ug/l	99
30) Chloroform	7.32	83	316123	52.194	ug/l	98
31) Cyclohexane	7.60	56	449607	89.289	ug/l	91
32) 1,1,1-Trichloroethane	7.52	97	248538	48.659	ug/l	99
36) 1,1-Dichloropropene	7.74	75	229725	46.394	ug/l	98
37) Ethyl Acetate	6.88	43	197811	48.245	ug/l	99
38) Carbon Tetrachloride	7.72	117	206682	44.274	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	1455106	268.204	ug/l	97
40) Benzene	8.00	78	702863	46.571	ug/l	98
41) Methacrylonitrile	7.12	41	71363	37.542	ug/l #	63
42) 1,2-Dichloroethane	8.08	62	236827	46.445	ug/l	82
43) Isopropyl Acetate	8.13	43	519640	77.745	ug/l #	85
44) Trichloroethene	8.80	130	173491	45.571	ug/l	99
45) 1,2-Dichloropropane	9.08	63	196529	52.783	ug/l	99
46) Dibromomethane	9.17	93	120747	47.831	ug/l	98
47) Bromodichloromethane	9.37	83	310257	60.868	ug/l	95
48) Methyl methacrylate	9.17	41	157288	52.484	ug/l	91
49) 1,4-Dioxane	9.17	88	62493	940.311	ug/l #	78
51) 4-Methyl-2-Pentanone	9.96	43	1308508	335.073	ug/l	94
52) Toluene	10.12	92	498103	54.091	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	290599	51.820	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	291460	48.818	ug/l #	88
55) 1,1,2-Trichloroethane	10.50	97	754785	208.516	ug/l #	22
56) Ethyl methacrylate	10.40	69	342793	70.961	ug/l #	68
57) 1,3-Dichloropropane	10.68	76	331791	53.252	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	580654	280.239	ug/l	99
59) 2-Hexanone	10.72	43	709706	251.678	ug/l	89
60) Dibromochloromethane	10.87	129	198903	51.901	ug/l	98
61) 1,2-Dibromoethane	10.98	107	205143	55.155	ug/l #	34
64) Tetrachloroethene	10.60	164	152221	41.205	ug/l	97
65) Chlorobenzene	11.41	112	568757	47.891	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	193078	47.016	ug/l	100
67) Ethyl Benzene	11.48	91	4414235	220.080	ug/l	90
68) m/p-Xylenes	11.60	106	1550277	199.833	ug/l	99
69) o-Xylene	11.92	106	389037	53.150	ug/l	93
70) Styrene	11.94	104	669218	54.821	ug/l	96
71) Bromoform	12.10	173	139839	47.893	ug/l #	99
73) Isopropylbenzene	12.22	105	2085854	94.109	ug/l	100
74) N-amyl acetate	12.02	43	491279	59.531	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	12.48	83	287844	39.026	ug/l #	59
76) 1,2,3-Trichloropropane	12.53	75	416003	61.718	ug/l #	100
77) Bromobenzene	12.50	156	395184	71.817	ug/l	54
78) n-propylbenzene	12.56	91	5100826	201.196	ug/l	90
79) 2-Chlorotoluene	12.65	91	1057952	69.026	ug/l	79
80) 1,3,5-Trimethylbenzene	12.71	105	4502841	250.611	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.27	75	88235	38.229	ug/l #	72
82) 4-Chlorotoluene	12.75	91	744562	46.977	ug/l	98
83) tert-Butylbenzene	12.97	119	694149	45.143	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	7594348	423.204	ug/l	67
85) sec-Butylbenzene	13.15	105	1555062	76.535	ug/l	81
86) p-Isopropyltoluene	13.26	119	1160051	65.167	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	437907	45.320	ug/l	95
88) 1,4-Dichlorobenzene	13.34	146	439701	44.145	ug/l	96
89) n-Butylbenzene	13.59	91	3447245	232.928	ug/l #	74
90) Hexachloroethane	13.86	117	660524	189.122	ug/l #	35
91) 1,2-Dichlorobenzene	13.63	146	444039	47.390	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.24	75	108465	91.799	ug/l	61

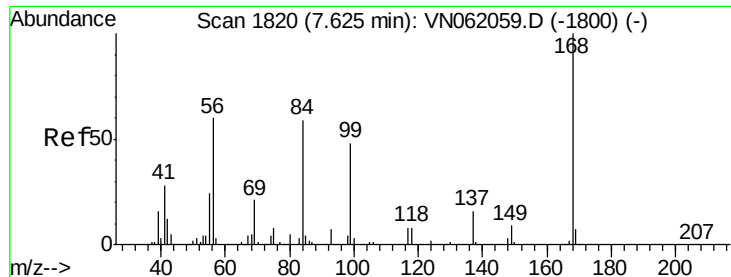
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	275356	67.270	ug/l #	44
94) Hexachlorobutadiene	14.98	225	97367	54.767	ug/l	97
95) Naphthalene	15.10	128	4639404	316.770	ug/l	97
96) 1,2,3-Trichlorobenzene	15.28	180	269726	64.444	ug/l #	85

(#) = 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: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

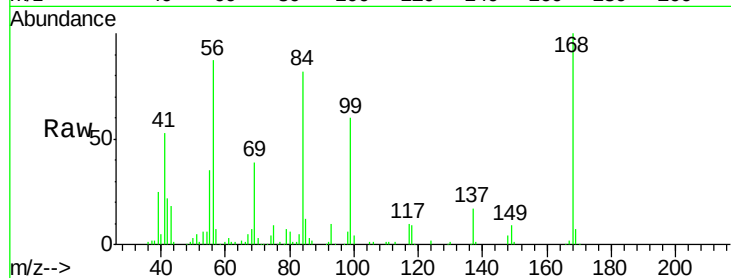
MW-27(16.5-18.5)MS

Tgt Ion:168 Resp: 259712

Ion Ratio Lower Upper

168 100

99 59.1 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

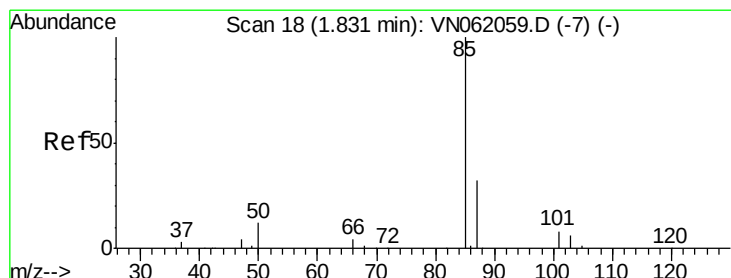
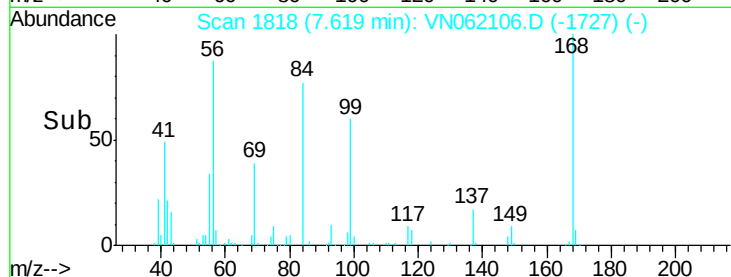
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 48.918 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN062106.D

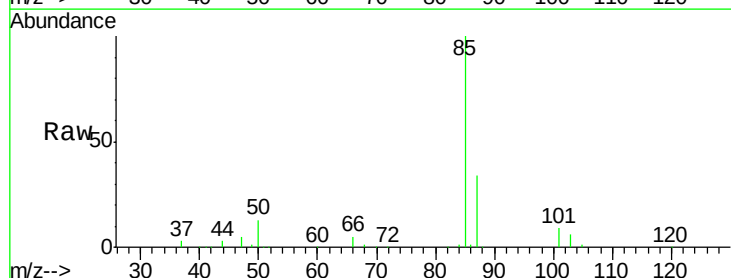
Acq: 25 Jun 2020 13:16

Tgt Ion: 85 Resp: 143604

Ion Ratio Lower Upper

85 100

87 33.9 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

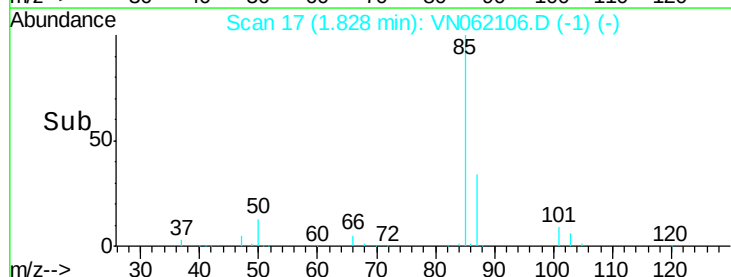
60000

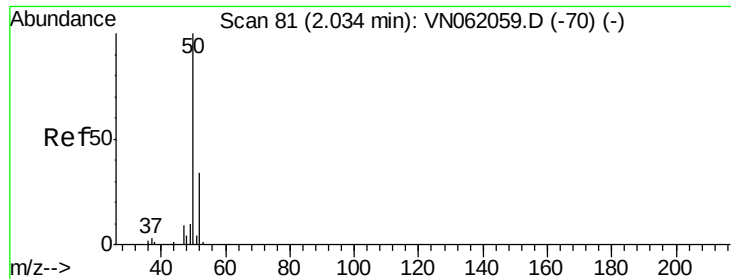
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 59.520 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

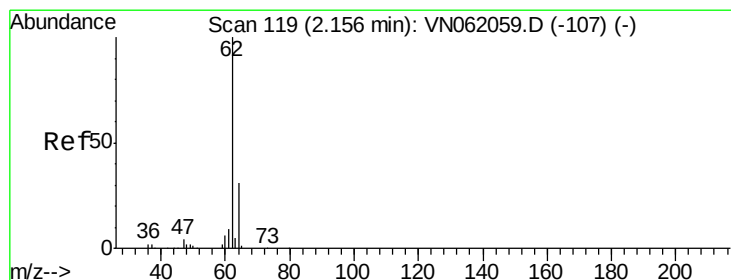
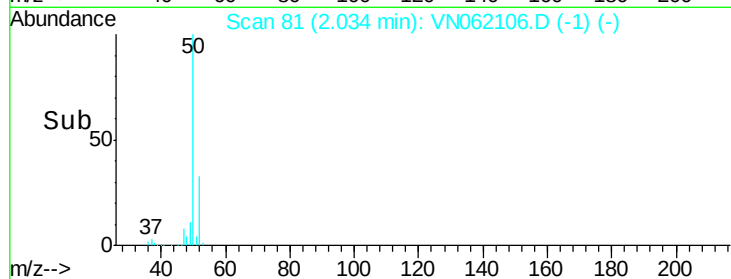
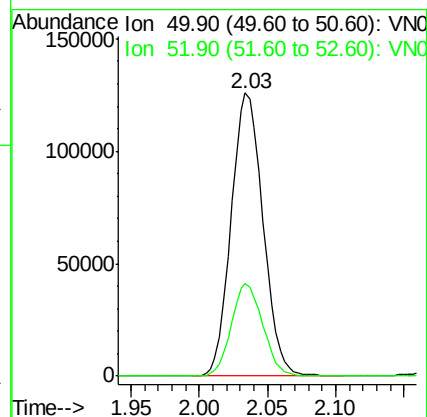
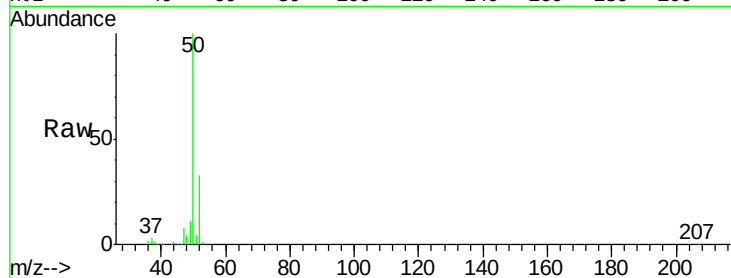
MW-27(16.5-18.5)MS

Tgt Ion: 50 Resp: 204824

Ion Ratio Lower Upper

50 100

52 32.6 27.0 40.6



#4

Vinyl Chloride

Concen: 48.957 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.01 min

Lab File: VN062106.D

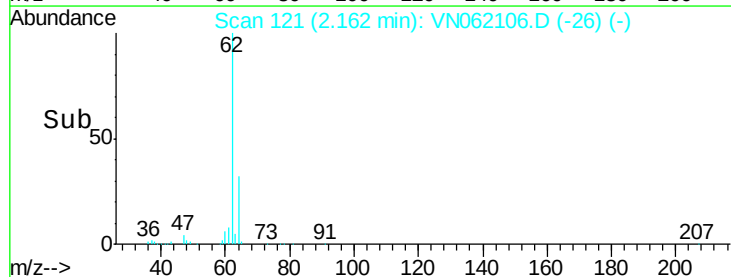
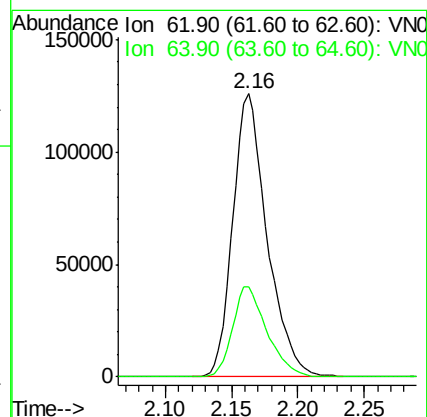
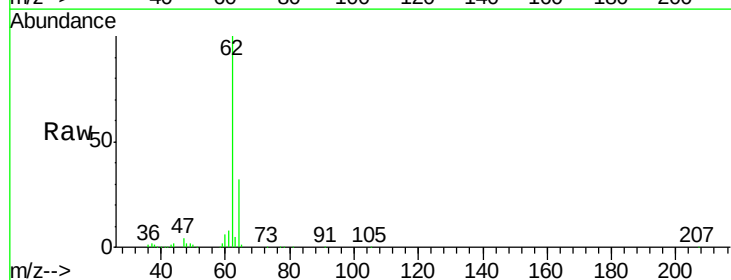
Acq: 25 Jun 2020 13:16

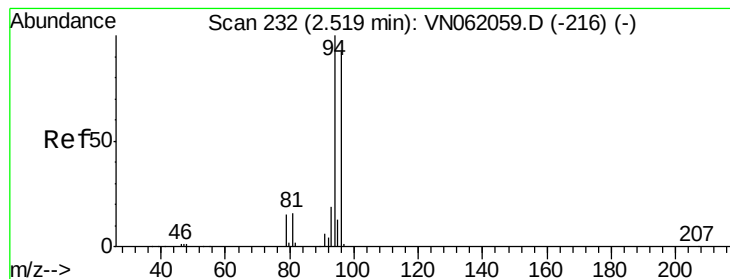
Tgt Ion: 62 Resp: 226326

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 10.673 ug/l

RT: 2.48 min Scan# 221

Delta R.T. -0.04 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

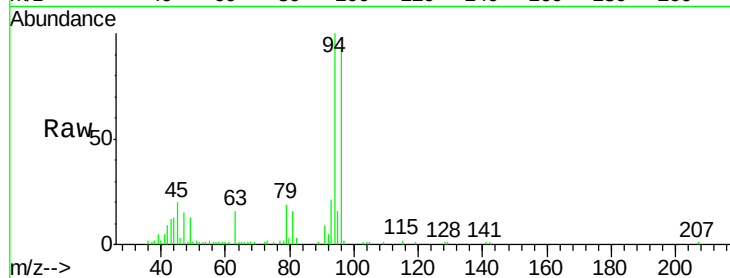
MW-27(16.5-18.5)MS

Tgt Ion: 94 Resp: 31889

Ion Ratio Lower Upper

94 100

96 93.0 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.48

25000

20000

15000

10000

5000

0

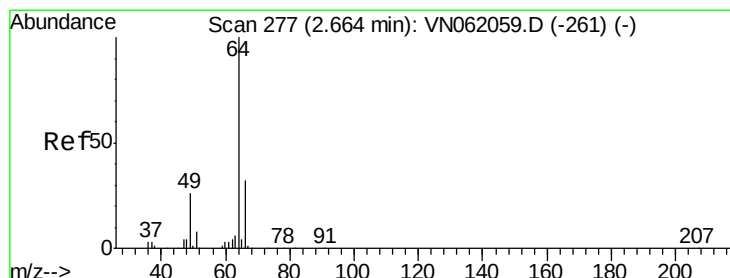
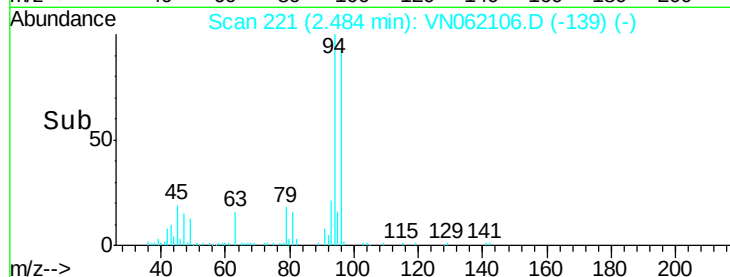
Time-->

2.40

2.45

2.50

2.55



#6

Chloroethane

Concen: 7.661 ug/l

RT: 2.61 min Scan# 261

Delta R.T. -0.05 min

Lab File: VN062106.D

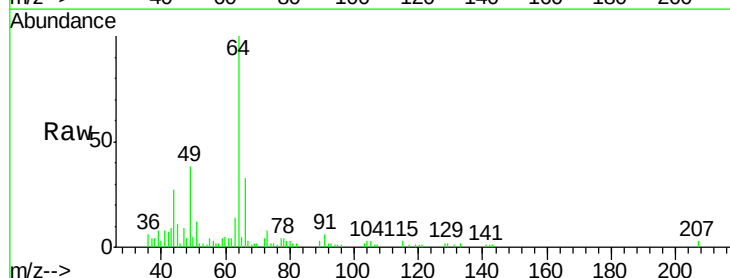
Acq: 25 Jun 2020 13:16

Tgt Ion: 64 Resp: 24195

Ion Ratio Lower Upper

64 100

66 32.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.61

20000

15000

10000

5000

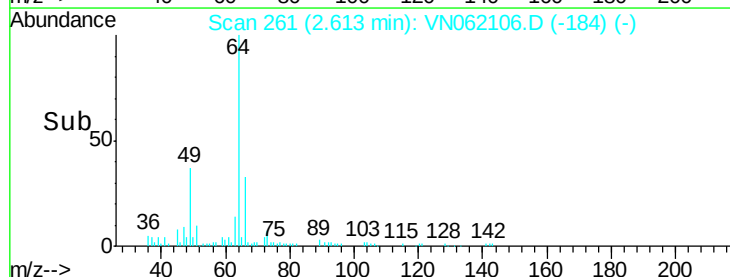
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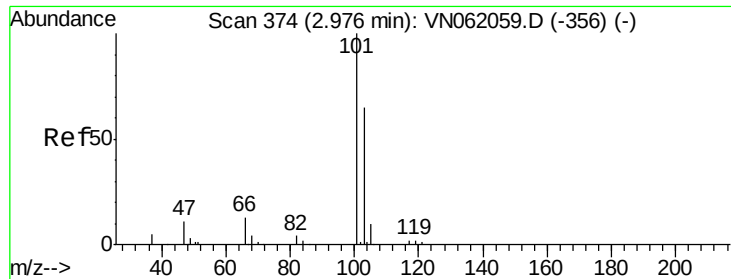
Time-->

2.60

2.65

2.70



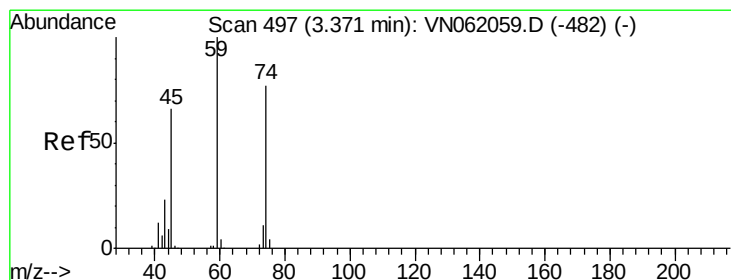
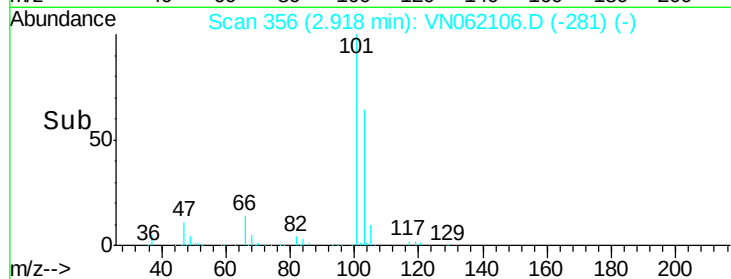
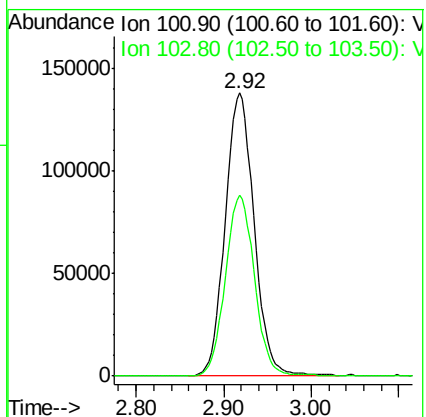
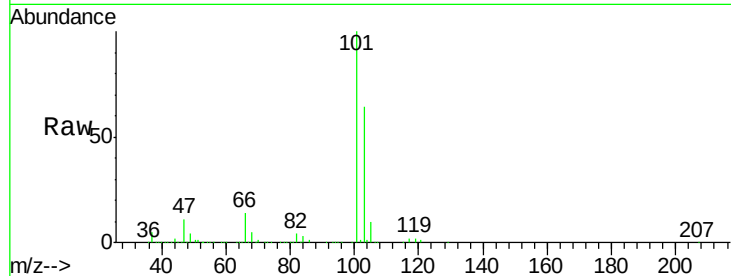


#7

Trichlorofluoromethane
 Concen: 55.725 ug/l
 RT: 2.92 min Scan# 356
 Delta R.T. -0.06 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Instrument :
 MSVOA_N
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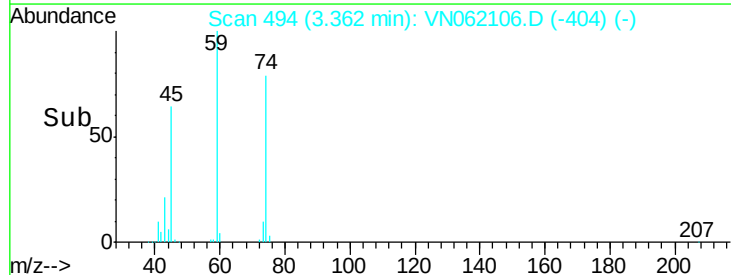
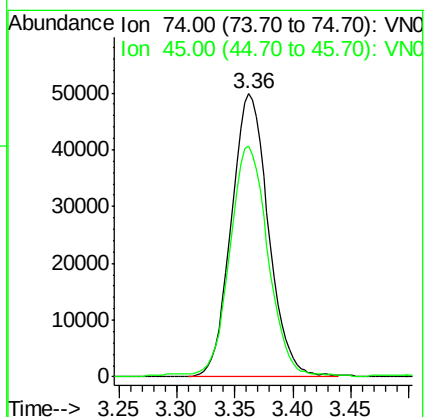
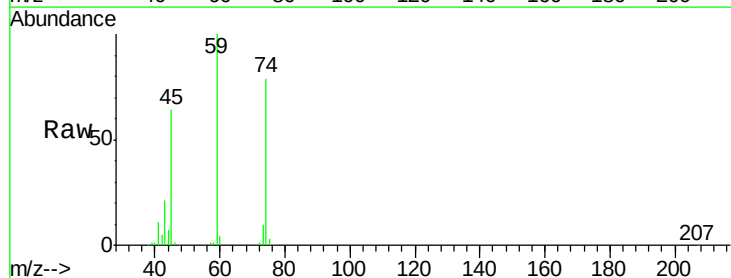
Tgt Ion:101 Resp: 317432
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.8 77.6

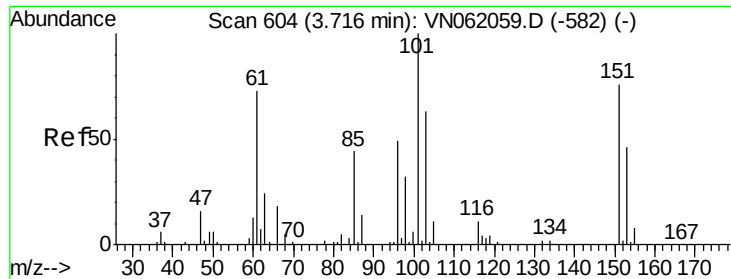


#8

Diethyl Ether
 Concen: 55.590 ug/l
 RT: 3.36 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion: 74 Resp: 110574
 Ion Ratio Lower Upper
 74 100
 45 81.3 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.979 ug/l

RT: 3.68 min Scan# 593

Delta R.T. -0.04 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

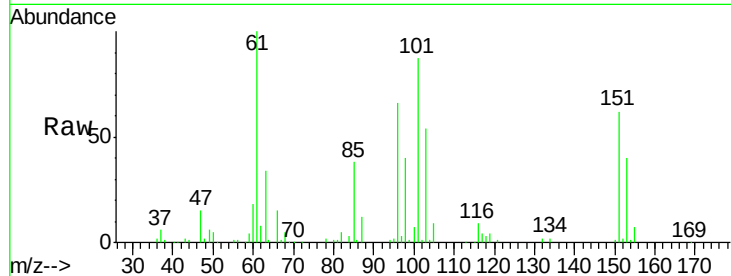
Tgt Ion:101 Resp: 140139

Ion Ratio Lower Upper

101 100

85 44.4 34.5 51.7

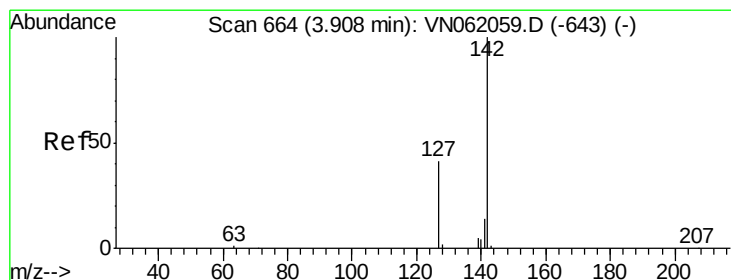
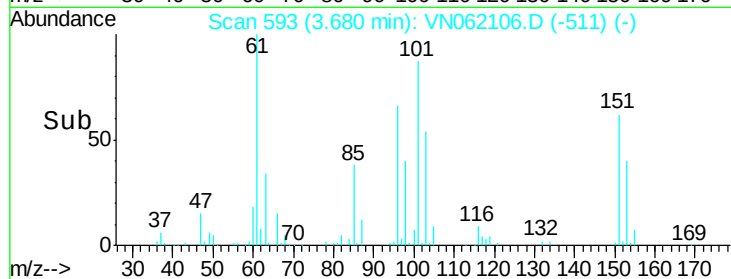
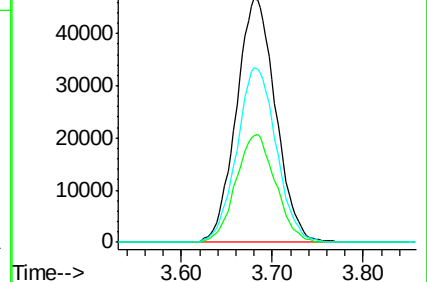
151 71.6 57.8 86.8



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: 43.830 ug/l

RT: 3.88 min Scan# 656

Delta R.T. -0.03 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

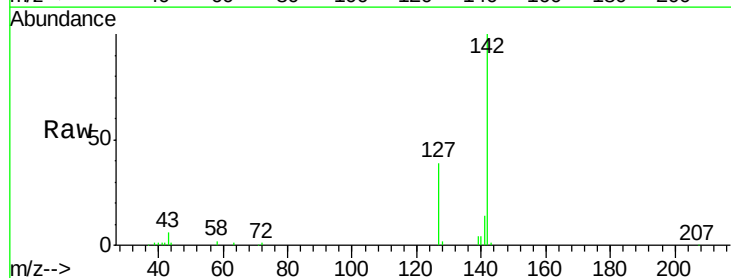
Tgt Ion:142 Resp: 147248

Ion Ratio Lower Upper

142 100

127 39.9 33.6 50.4

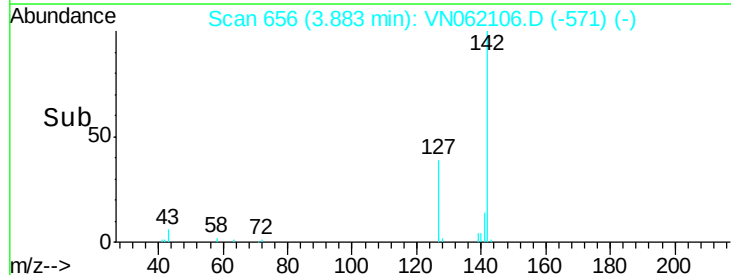
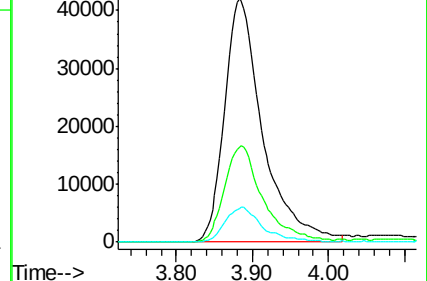
141 14.1 11.3 16.9

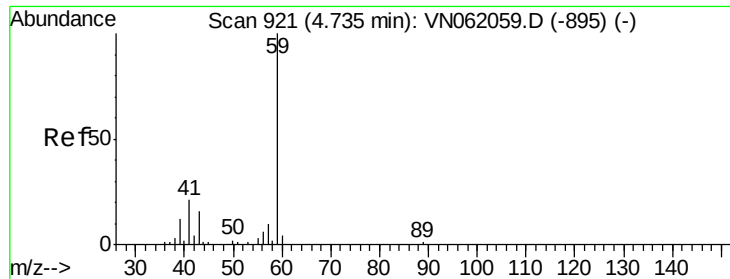


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

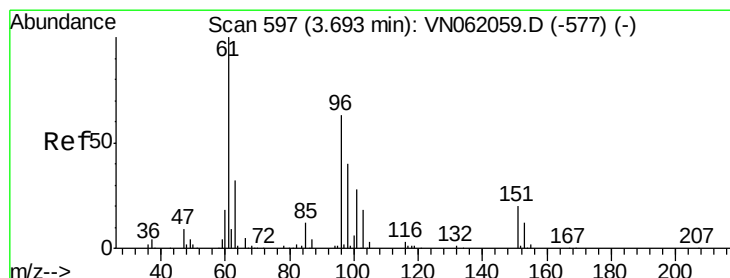
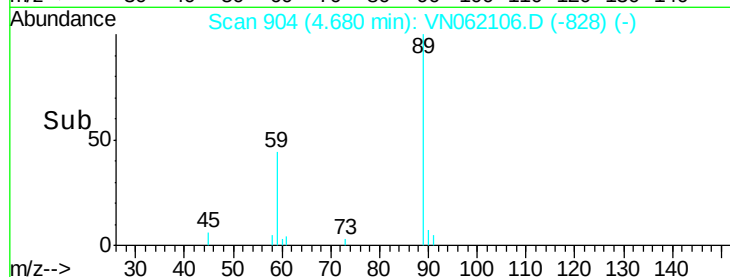
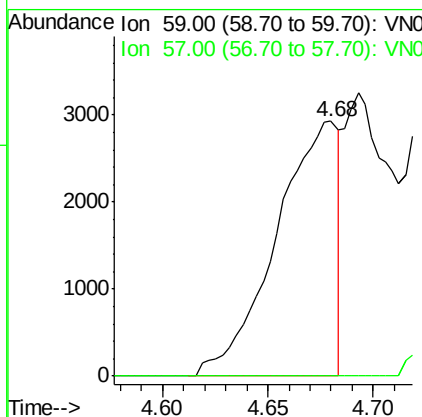
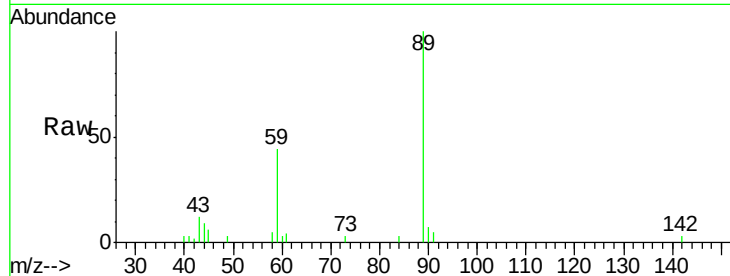




#11
Tert butyl alcohol
Concen: 11.447 ug/l
RT: 4.68 min Scan# 904
Delta R.T. -0.05 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

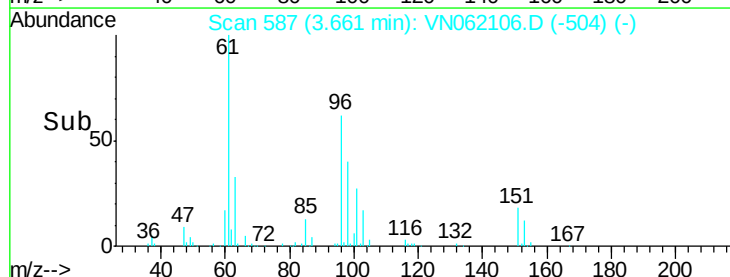
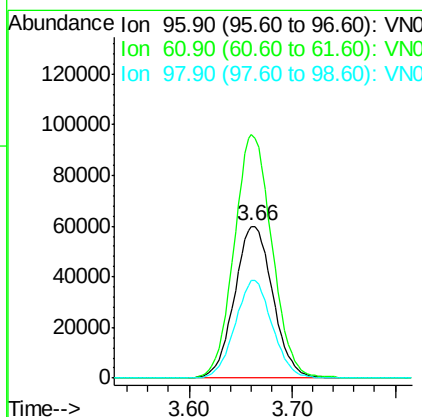
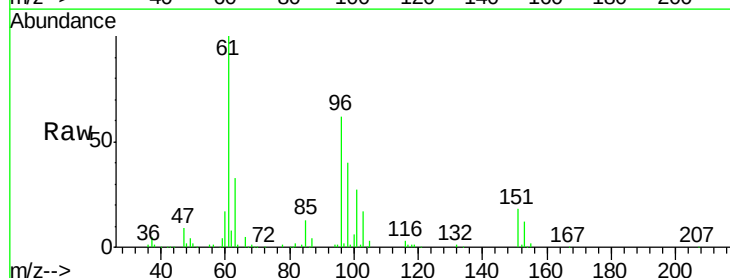
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

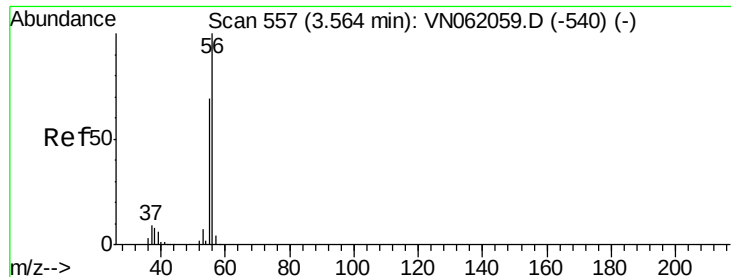
Tgt Ion: 59 Resp: 5990
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 51.887 ug/l
RT: 3.66 min Scan# 587
Delta R.T. -0.03 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion: 96 Resp: 154733
Ion Ratio Lower Upper
96 100
61 160.3 126.7 190.1
98 64.0 51.0 76.4





#13

Acrolein

Concen: 225.267 ug/l

RT: 3.56 min Scan# 555

Delta R.T. -0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

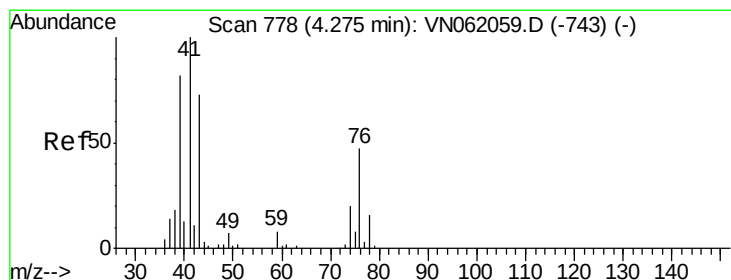
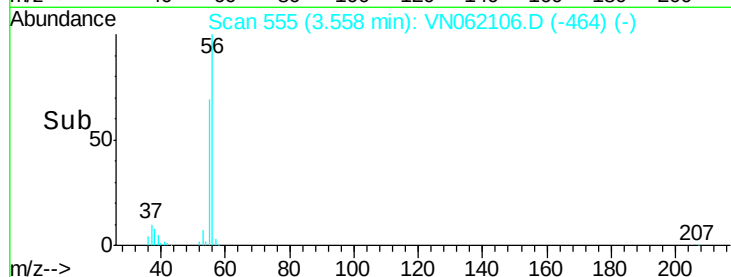
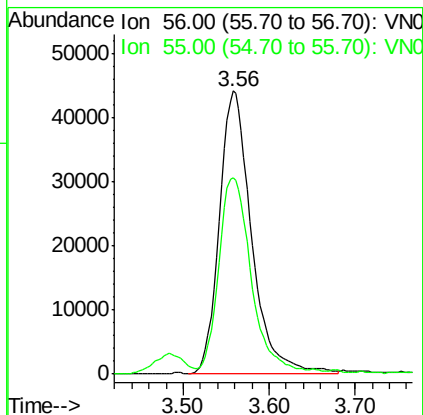
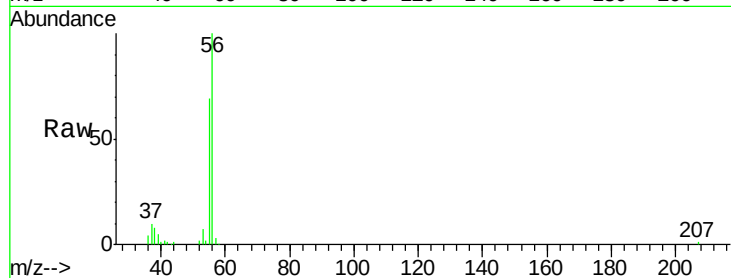
MW-27(16.5-18.5)MS

Tgt Ion: 56 Resp: 115411

Ion Ratio Lower Upper

56 100

55 66.8 55.5 83.3



#14

Allyl chloride

Concen: 52.407 ug/l

RT: 4.25 min Scan# 771

Delta R.T. -0.02 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

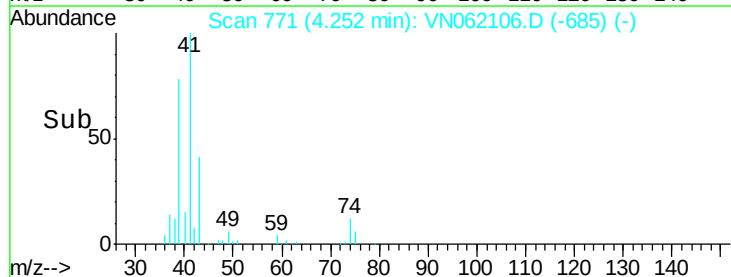
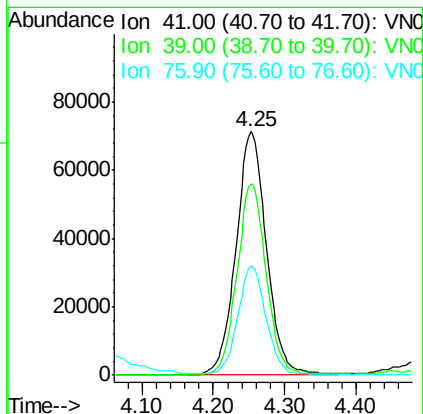
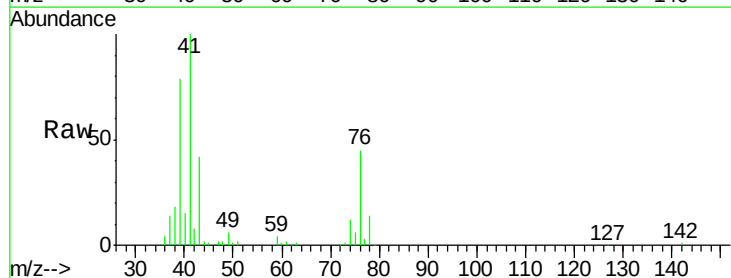
Tgt Ion: 41 Resp: 212779

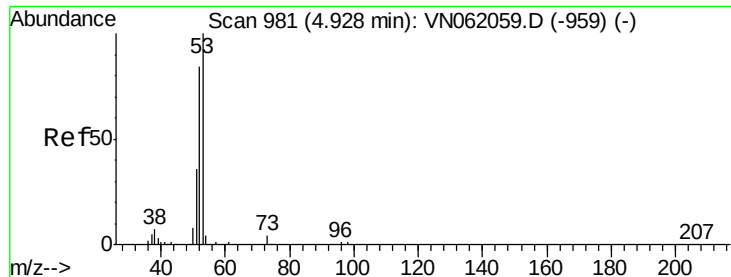
Ion Ratio Lower Upper

41 100

39 75.0 60.0 90.0

76 40.9 34.1 51.1





#15

Acrylonitrile

Concen: 269.050 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

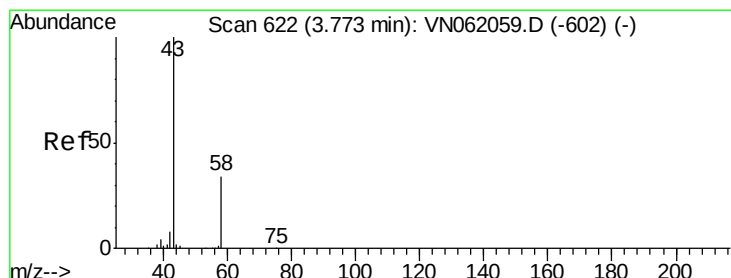
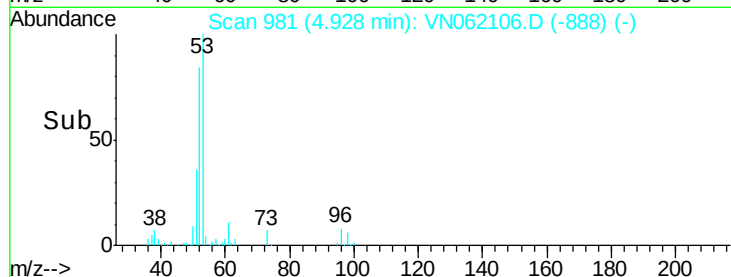
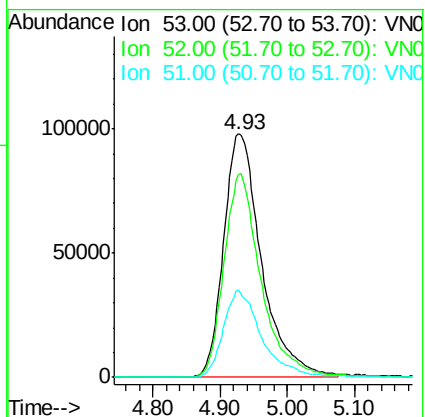
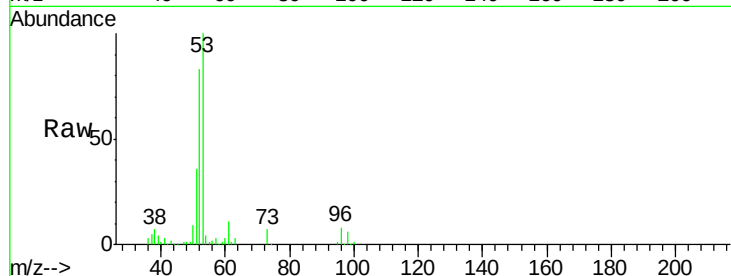
Tgt Ion: 53 Resp: 383660

Ion Ratio Lower Upper

53 100

52 81.1 66.2 99.4

51 35.6 28.9 43.3



#16

Acetone

Concen: 270.439 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062106.D

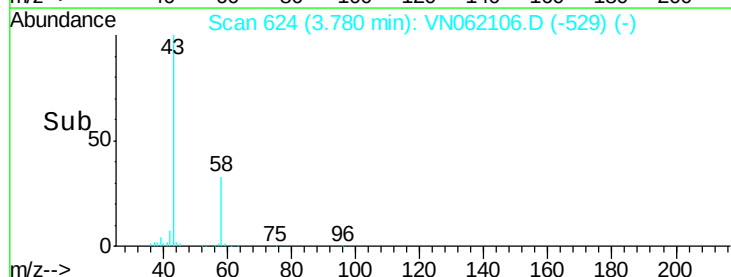
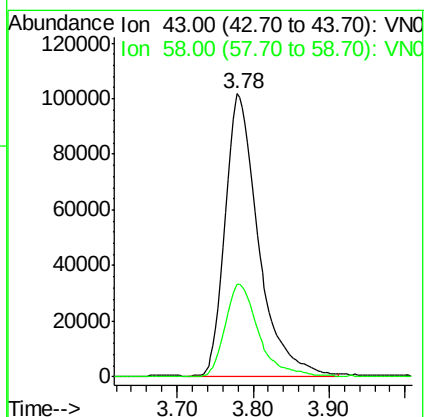
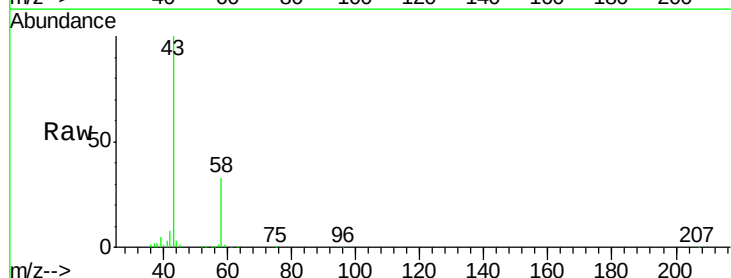
Acq: 25 Jun 2020 13:16

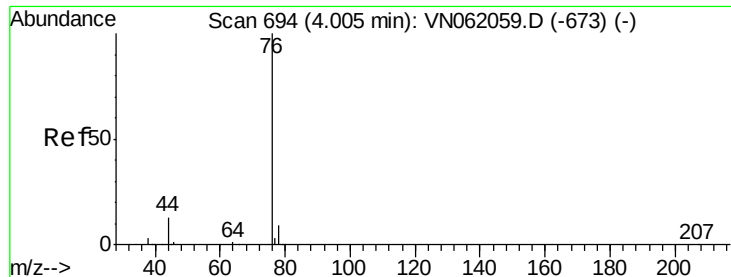
Tgt Ion: 43 Resp: 309003

Ion Ratio Lower Upper

43 100

58 32.9 27.5 41.3

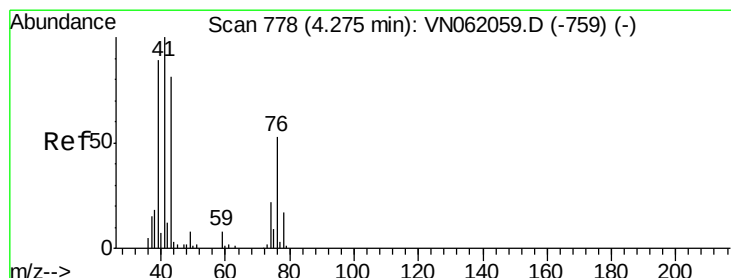
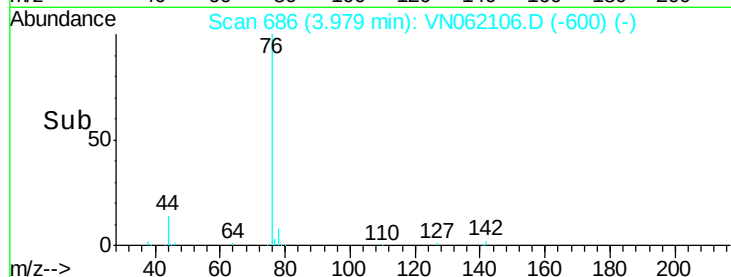
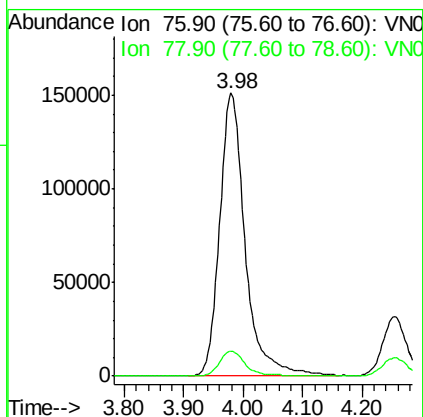
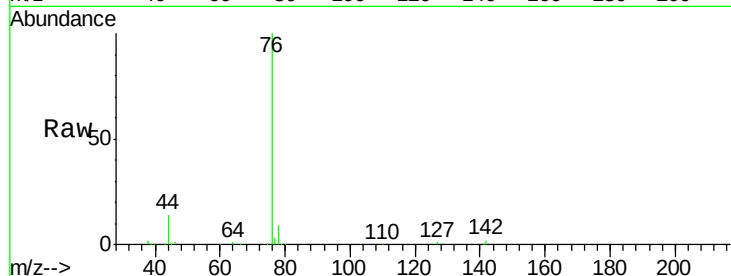




#17
Carbon Disulfide
Concen: 52.719 ug/l
RT: 3.98 min Scan# 686
Delta R.T. -0.02 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

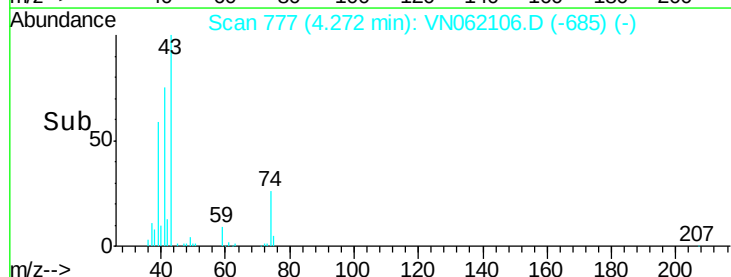
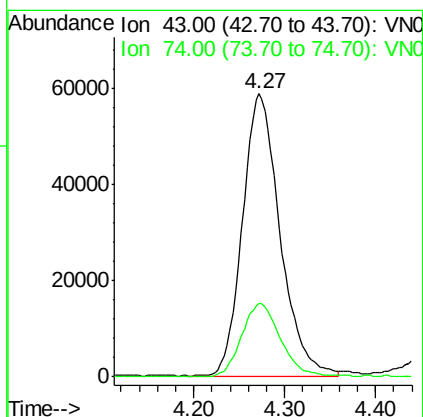
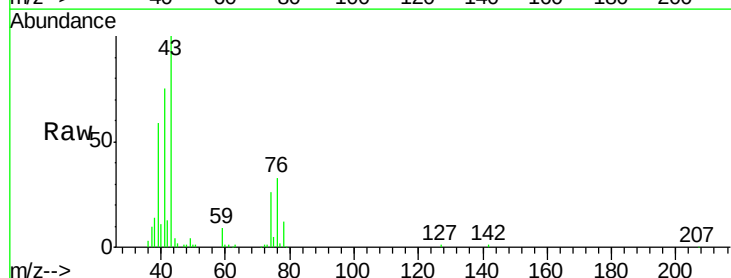
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

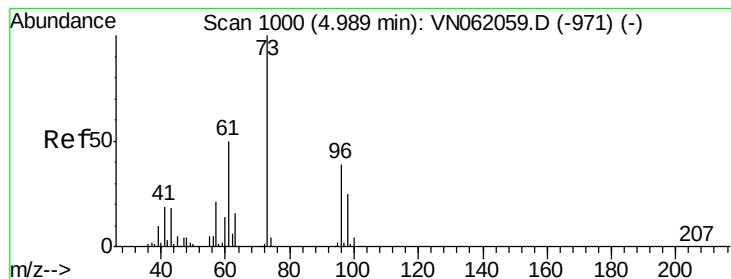
Tgt Ion: 76 Resp: 450333
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 57.819 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion: 43 Resp: 167516
Ion Ratio Lower Upper
43 100
74 27.3 22.9 34.3





#19

Methyl tert-butyl Ether

Concen: 54.566 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

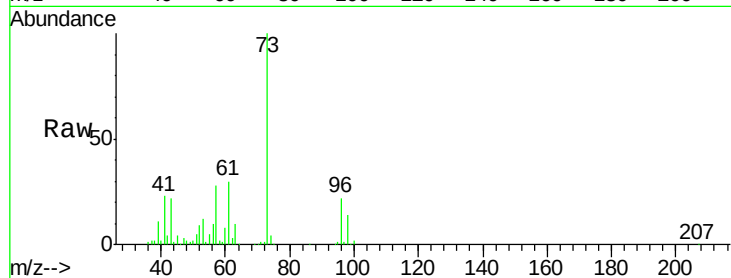
MW-27(16.5-18.5)MS

Tgt Ion: 73 Resp: 519965

Ion Ratio Lower Upper

73 100

57 28.2 16.6 24.8#



Abundance Ion 73.00 (72.70 to 73.70): VN062106.D (-907) (-)

Ion 57.00 (56.70 to 57.70): VN062106.D (-907) (-)

4.99

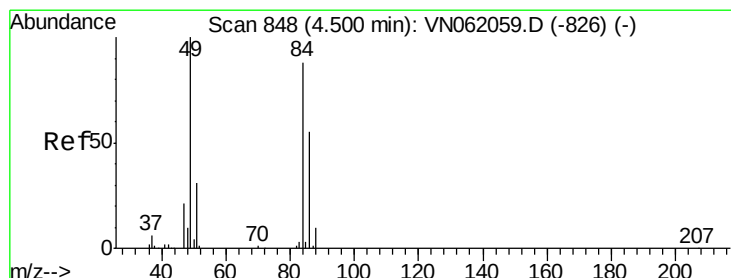
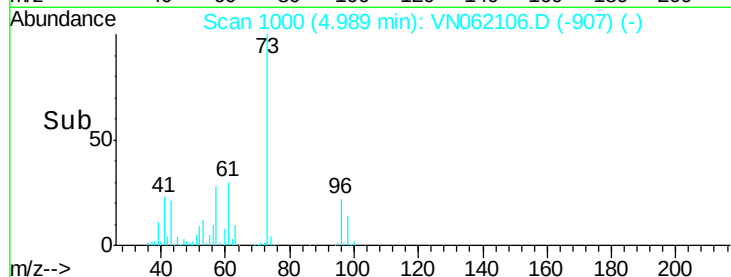
150000

100000

50000

0

Time--> 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 55.077 ug/l

RT: 4.49 min Scan# 844

Delta R.T. -0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Tgt Ion: 84 Resp: 184200

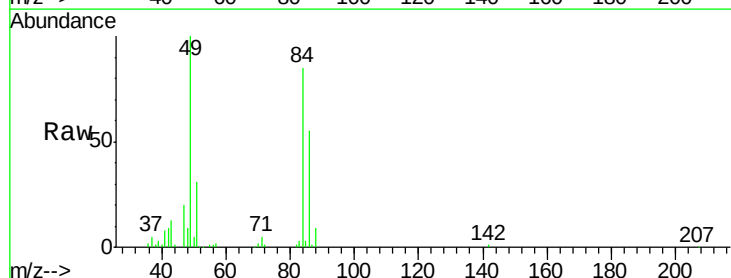
Ion Ratio Lower Upper

84 100

49 117.2 90.6 136.0

51 36.1 27.8 41.8

86 64.9 50.1 75.1



Abundance Ion 83.90 (83.60 to 84.60): VN062106.D (-755) (-)

Ion 48.90 (48.60 to 49.60): VN062106.D (-755) (-)

Ion 50.90 (50.60 to 51.60): VN062106.D (-755) (-)

Ion 85.90 (85.60 to 86.60): VN062106.D (-755) (-)

80000

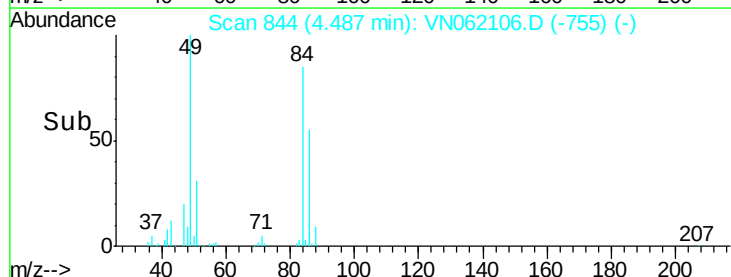
60000

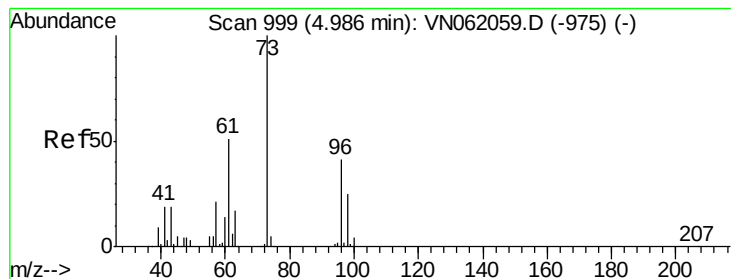
40000

20000

0

Time--> 4.40 4.50 4.60 4.70





#21

trans-1,2-Dichloroethene

Concen: 49.409 ug/l

RT: 4.97 min Scan# 993

Delta R.T. -0.02 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

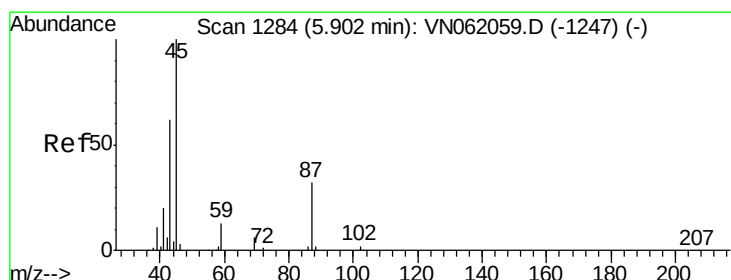
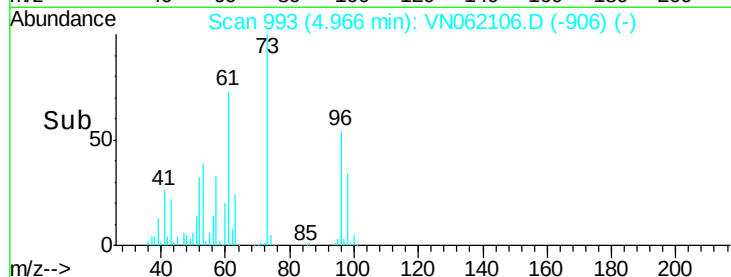
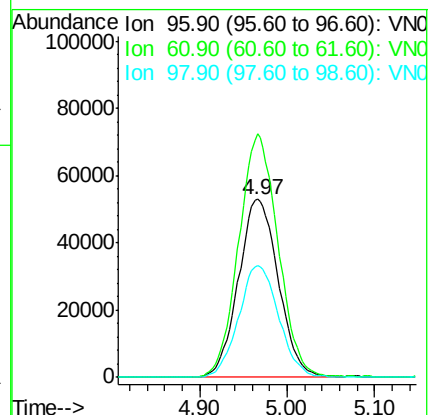
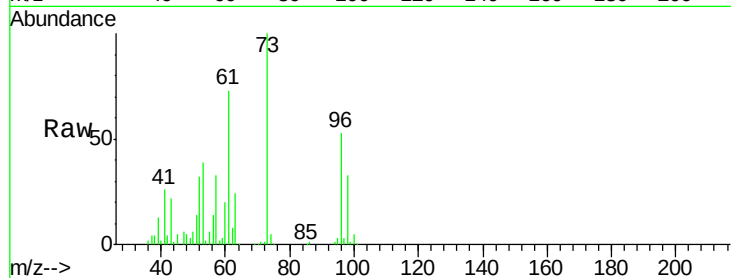
Tgt Ion: 96 Resp: 167853

Ion Ratio Lower Upper

96 100

61 136.8 101.4 152.2

98 62.6 49.3 73.9



#22

Diisopropyl ether

Concen: 53.864 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Tgt Ion: 45 Resp: 497948

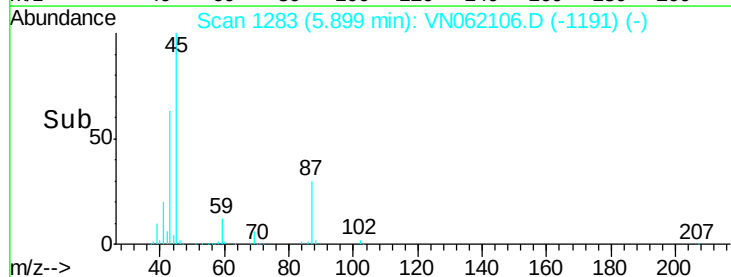
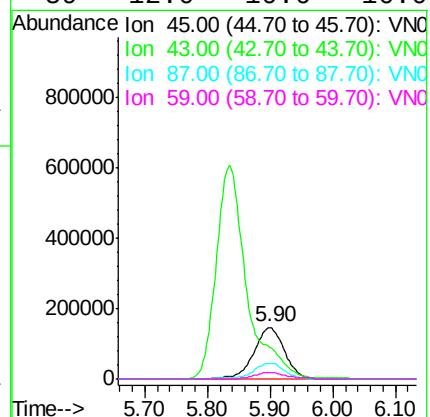
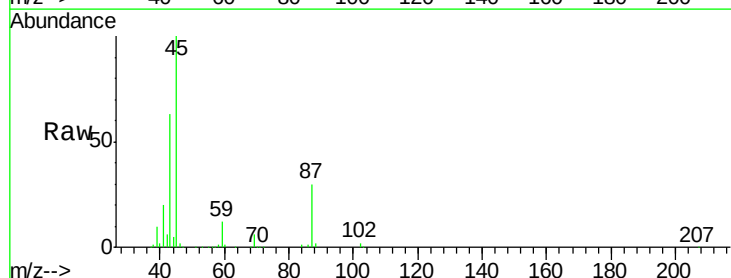
Ion Ratio Lower Upper

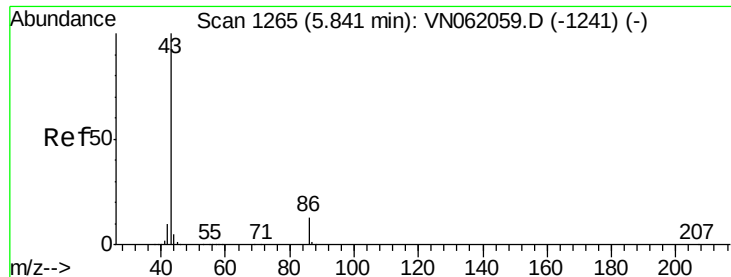
45 100

43 61.9 49.7 74.5

87 30.4 25.9 38.9

59 12.0 10.6 16.0





#23

Vinyl Acetate

Concen: 274.231 ug/l

RT: 5.83 min Scan# 1263

Delta R.T. -0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

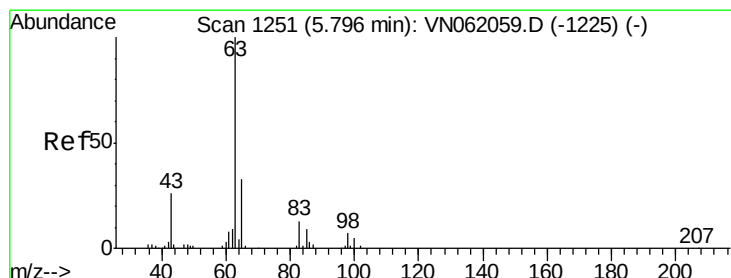
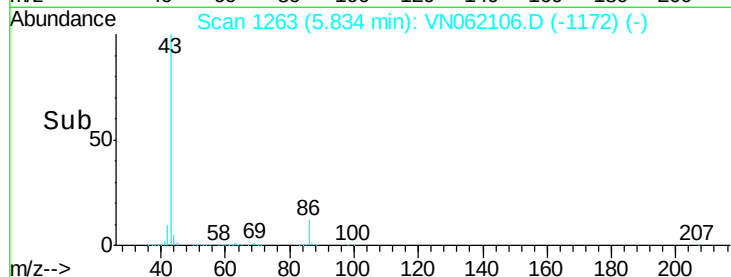
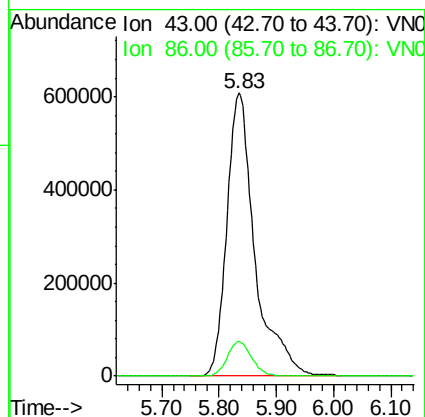
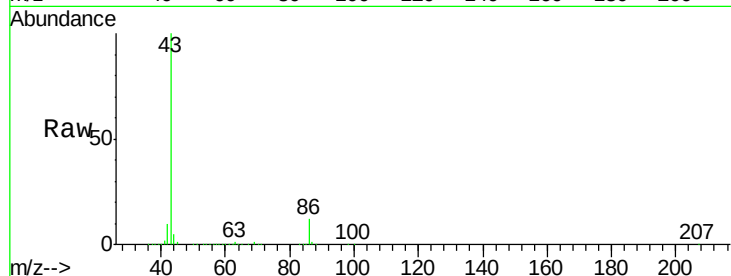
MW-27(16.5-18.5)MS

Tgt Ion: 43 Resp: 2069790

Ion Ratio Lower Upper

43 100

86 12.2 10.1 15.1



#24

1,1-Dichloroethane

Concen: 50.754 ug/l

RT: 5.78 min Scan# 1247

Delta R.T. -0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

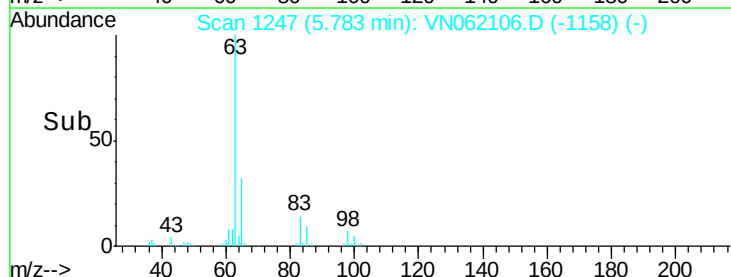
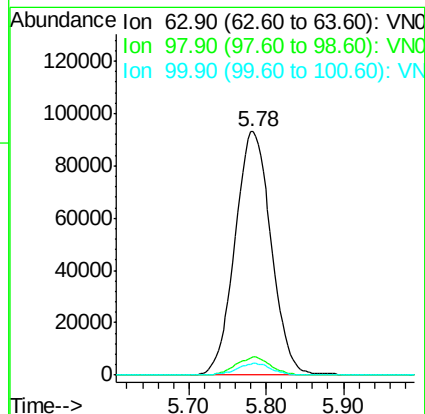
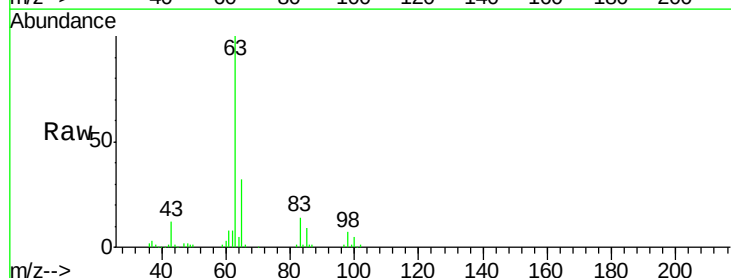
Tgt Ion: 63 Resp: 302132

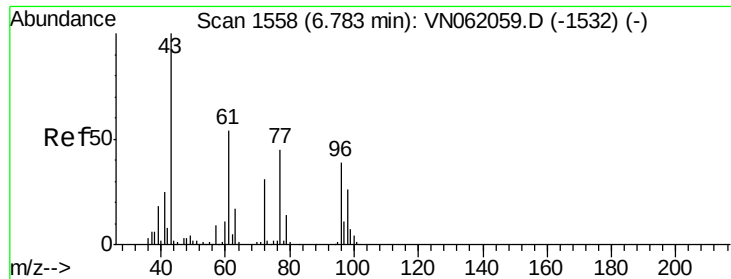
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 256.426 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

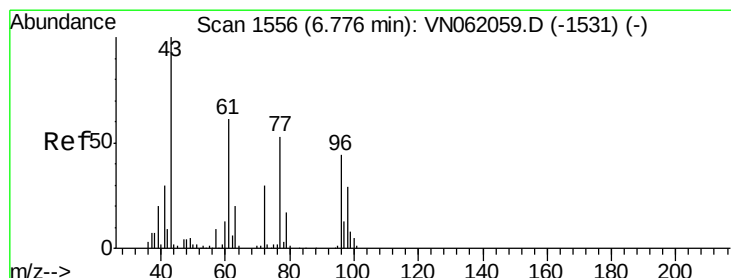
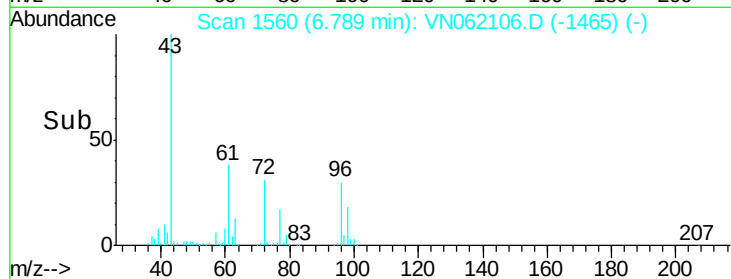
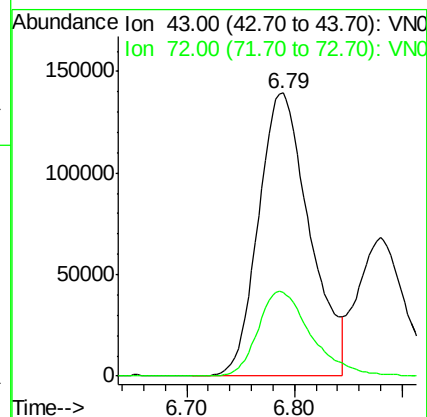
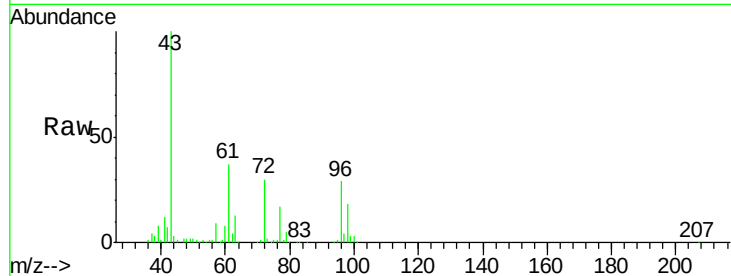
MW-27(16.5-18.5)MS

Tgt Ion: 43 Resp: 456809

Ion Ratio Lower Upper

43 100

72 29.8 24.8 37.2



#26

2,2-Dichloropropane

Concen: 30.456 ug/l

RT: 6.76 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VN062106.D

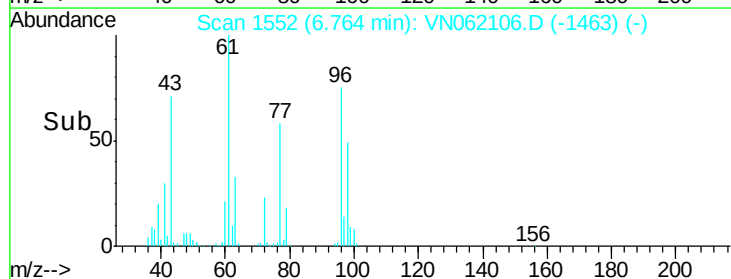
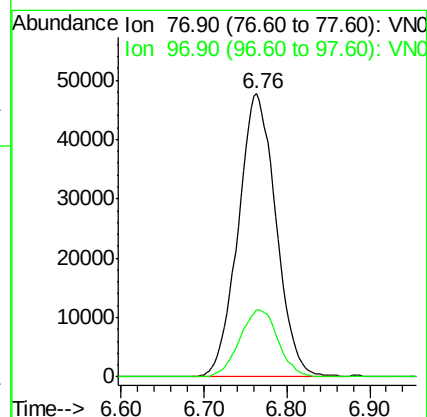
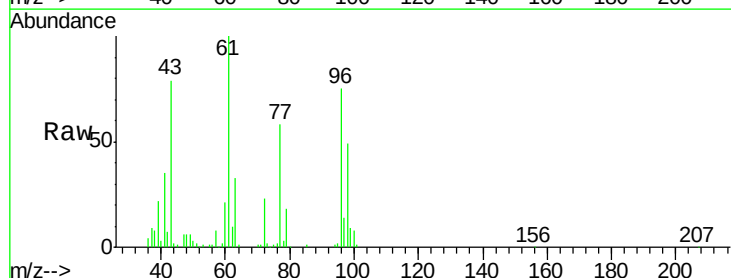
Acq: 25 Jun 2020 13:16

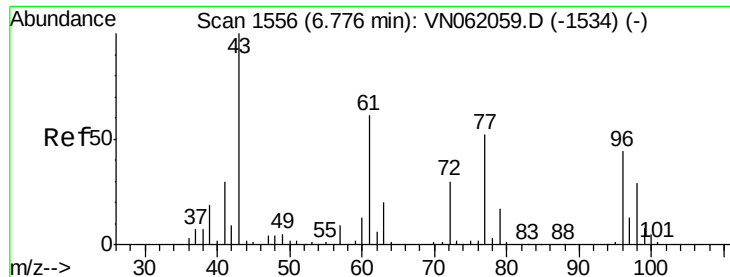
Tgt Ion: 77 Resp: 151081

Ion Ratio Lower Upper

77 100

97 24.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 50.037 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

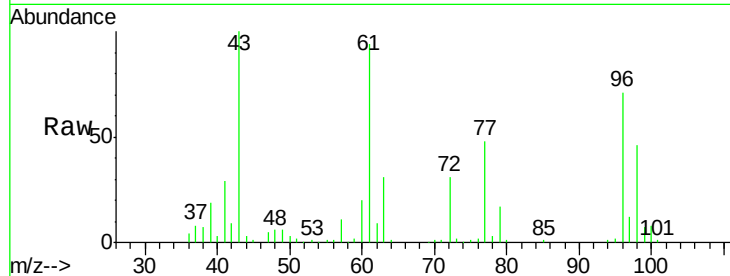
Tgt Ion: 96 Resp: 191280

Ion Ratio Lower Upper

96 100

61 133.0 0.0 280.4

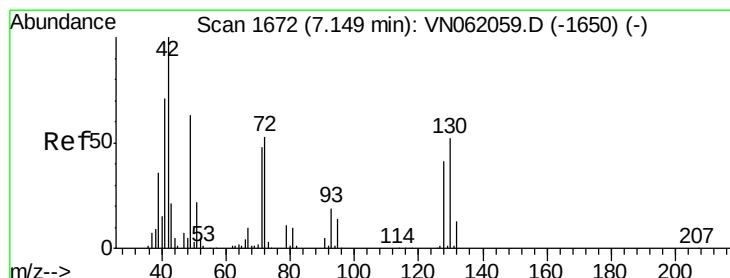
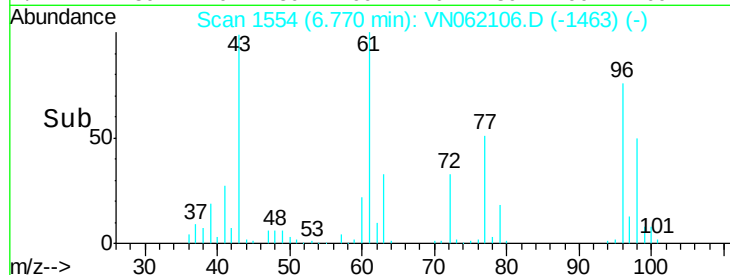
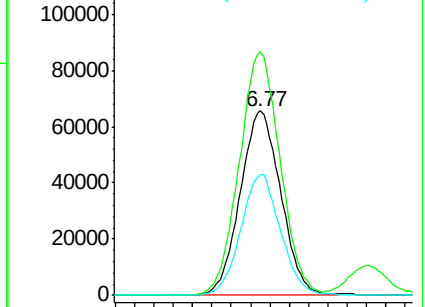
98 64.3 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062106.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062106.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062106.D (-1463) (-)



#28

Bromochloromethane

Concen: 49.572 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

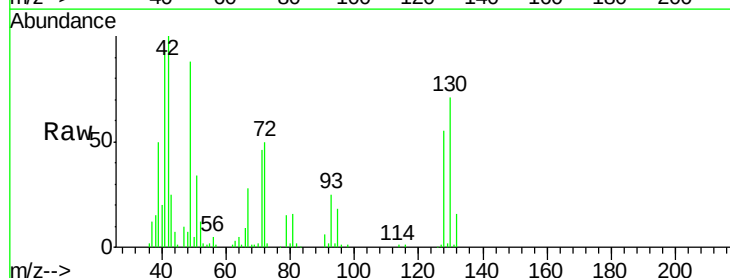
Tgt Ion: 49 Resp: 128036

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

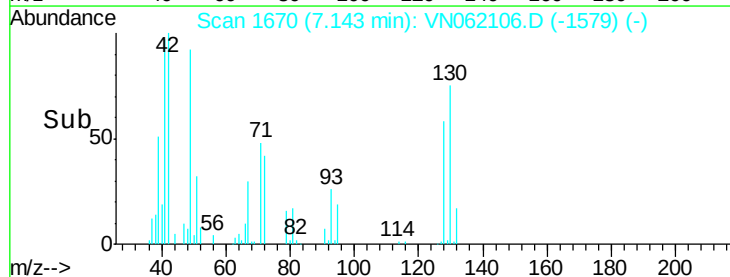
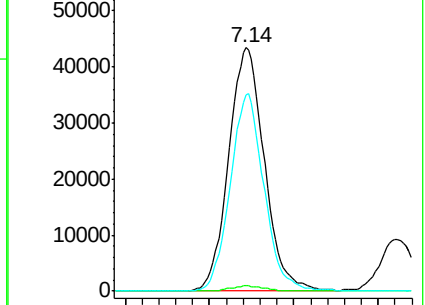
130 76.7 65.5 98.3

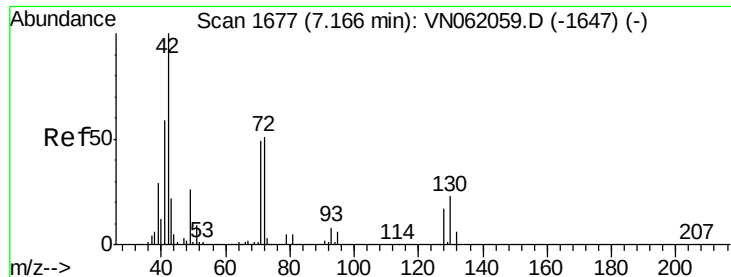


Abundance Ion 48.90 (48.60 to 49.60): VN062106.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062106.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062106.D (-1579) (-)

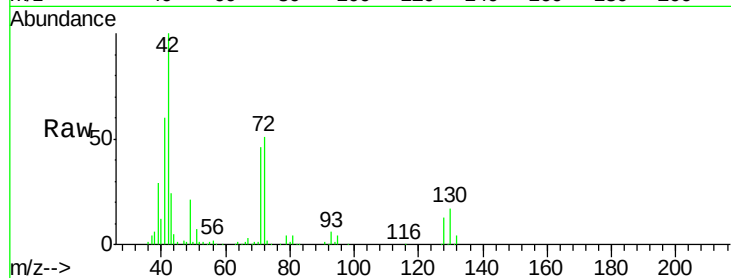




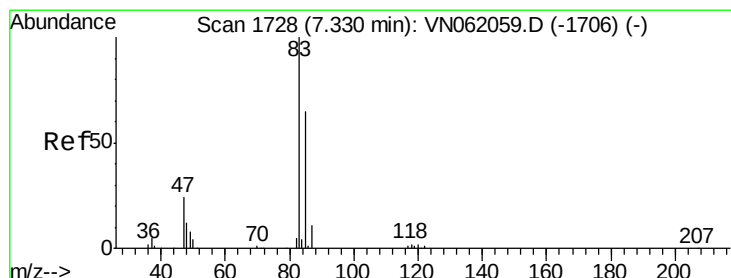
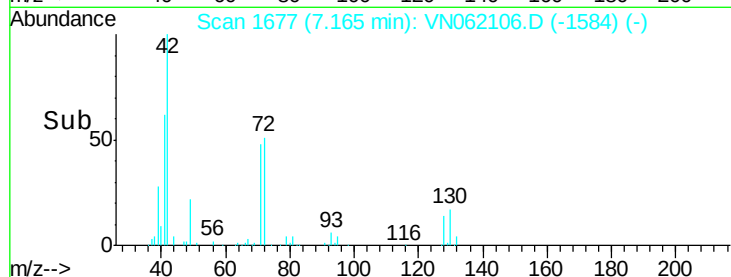
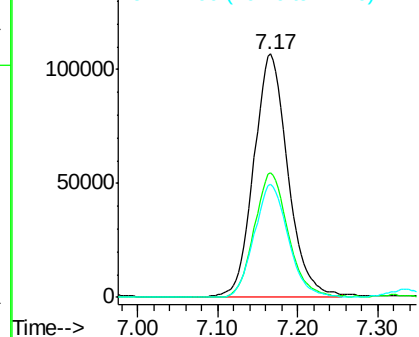
#29
Tetrahydrofuran
Concen: 267.679 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

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

Tgt Ion: 42 Resp: 312364
Ion Ratio Lower Upper
42 100
72 50.9 41.1 61.7
71 46.3 38.2 57.4

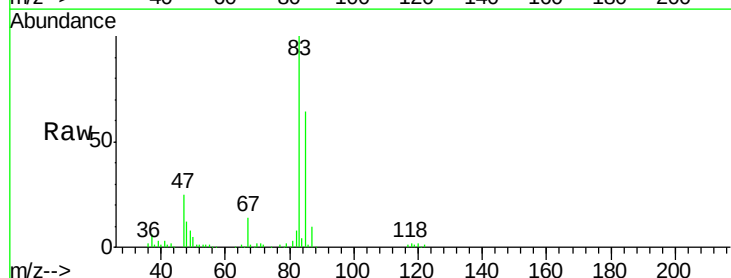


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

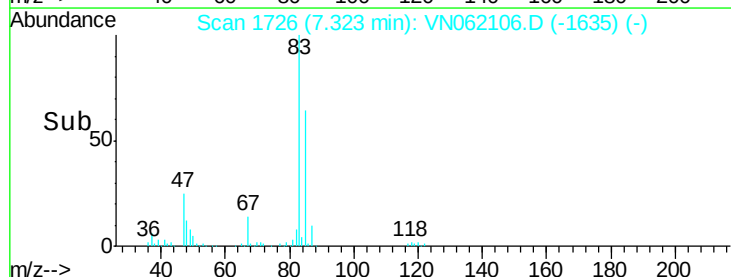
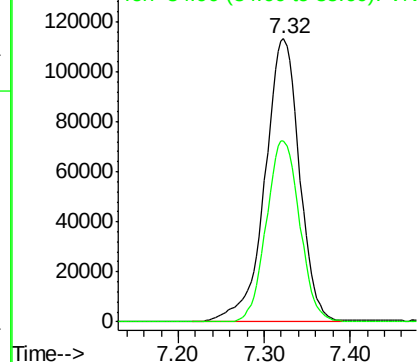


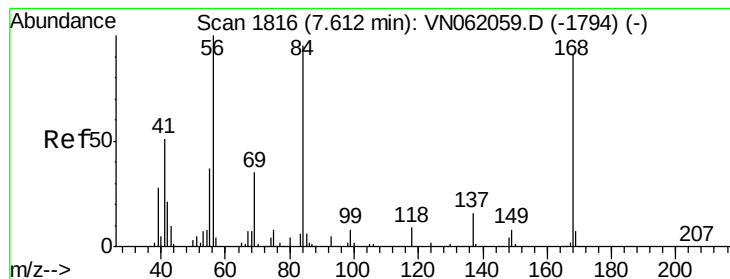
#30
Chloroform
Concen: 52.194 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion: 83 Resp: 316123
Ion Ratio Lower Upper
83 100
85 63.9 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: 89.289 ug/l

RT: 7.60 min Scan# 1812

Delta R.T. -0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

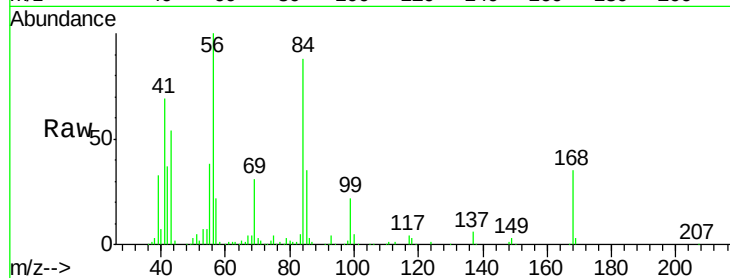
Tgt Ion: 56 Resp: 449607

Ion Ratio Lower Upper

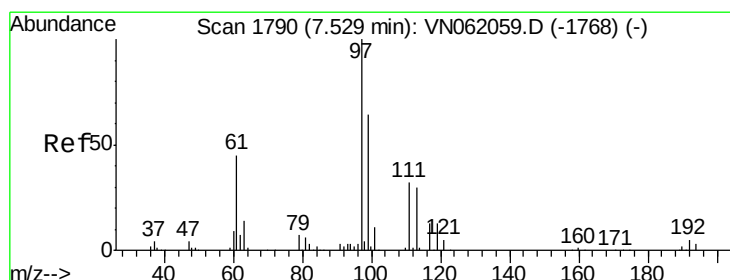
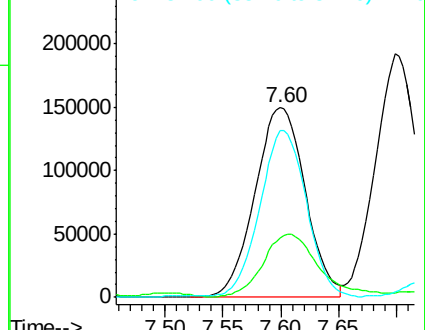
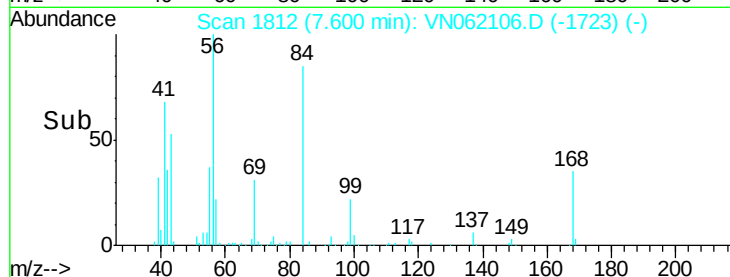
56 100

69 29.8 28.0 42.0

84 87.0 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062106.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 48.659 ug/l

RT: 7.52 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

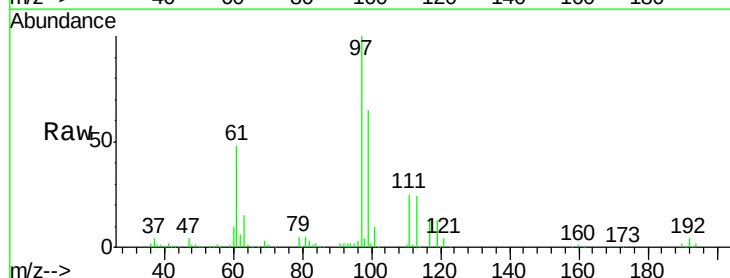
Tgt Ion: 97 Resp: 248538

Ion Ratio Lower Upper

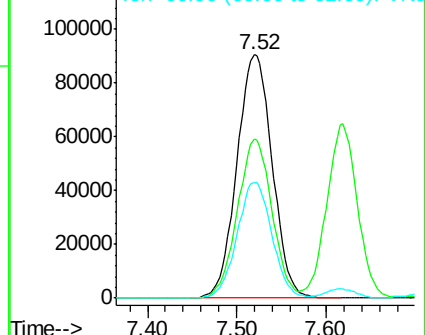
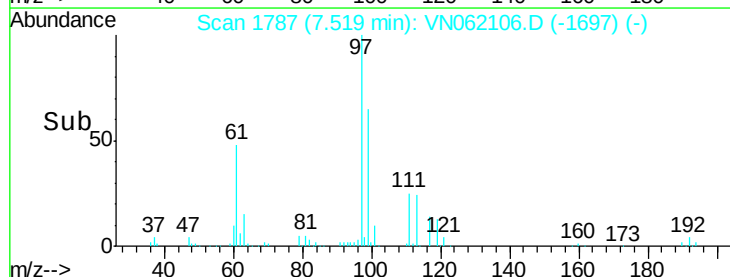
97 100

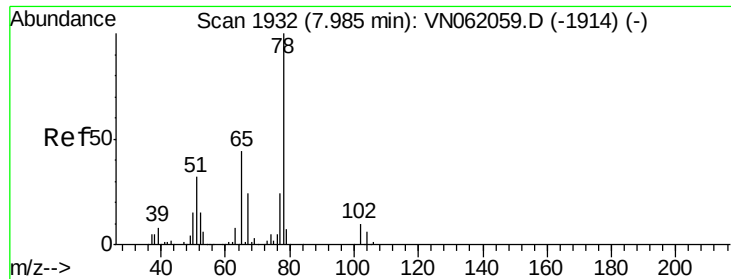
99 64.0 51.0 76.4

61 46.9 36.2 54.2



Abundance Ion 96.90 (96.60 to 97.60): VN062106.D (-1697) (-)

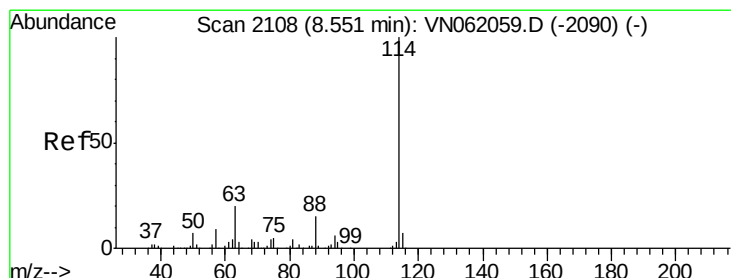
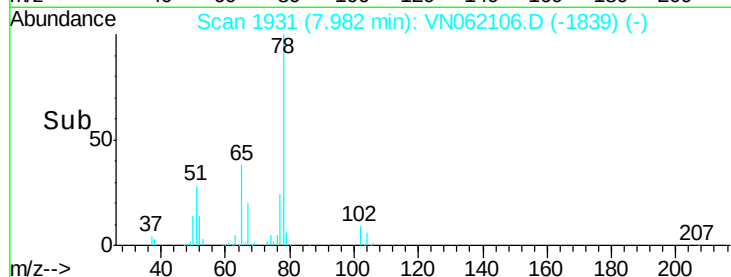
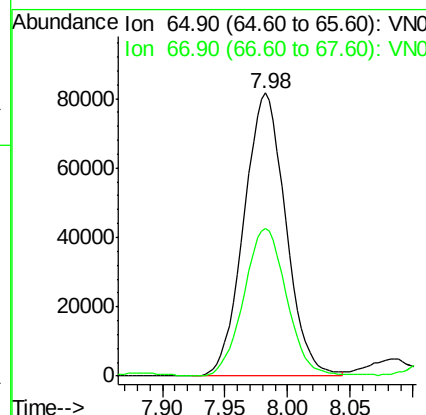
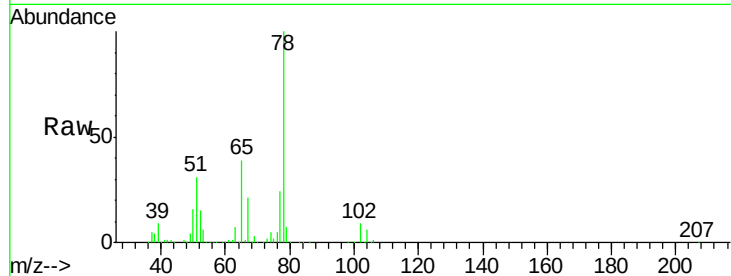




#33
 1,2-Dichloroethane-d4
 Concen: 52.065 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

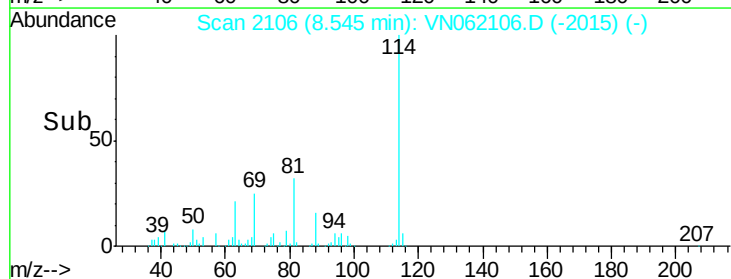
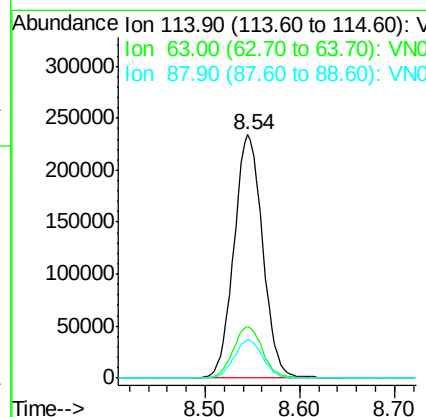
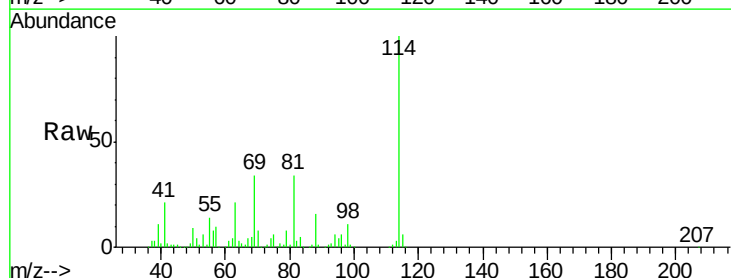
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

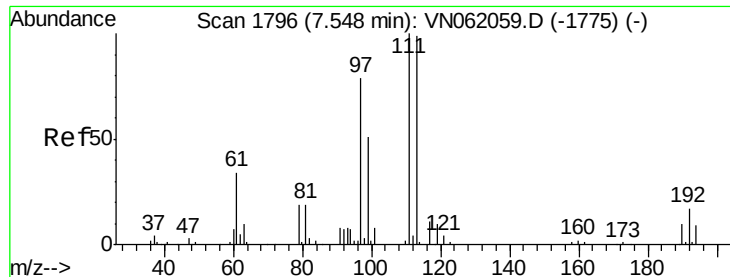
Tgt Ion: 65 Resp: 189757
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion: 114 Resp: 492621
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.2
 88 15.7 0.0 30.8

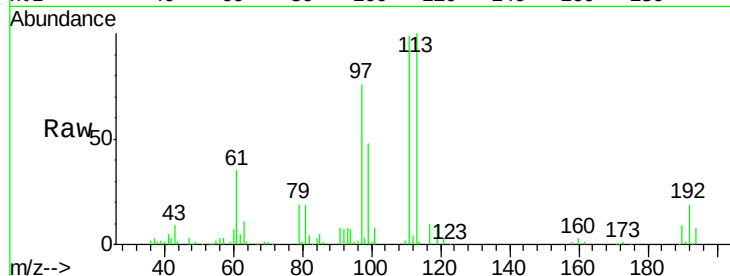




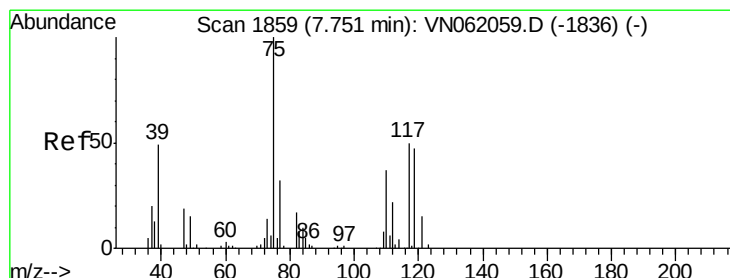
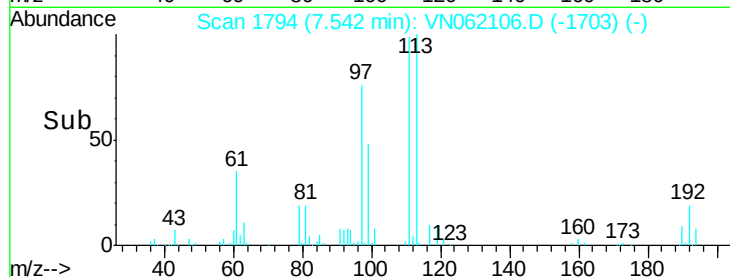
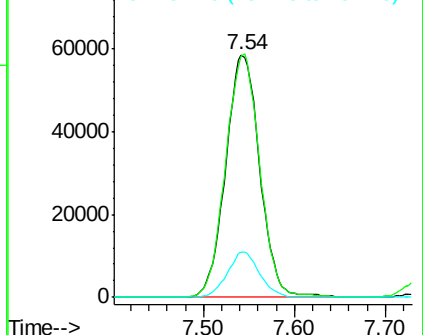
#35
 Dibromofluoromethane
 Concen: 48.197 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

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

Tgt Ion:113 Resp: 152323
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.2 123.4
 192 17.7 14.0 21.0

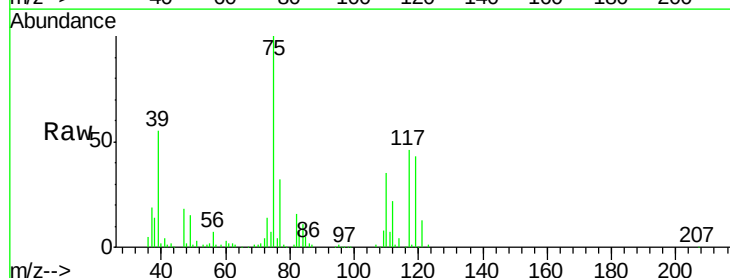


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

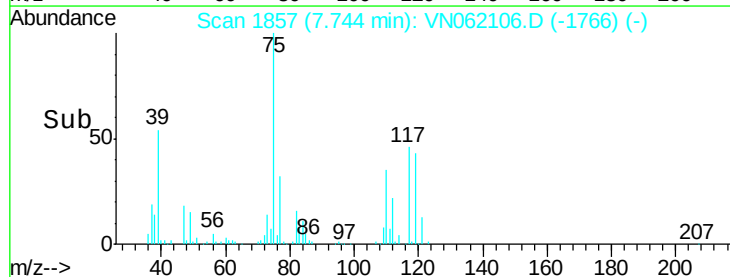
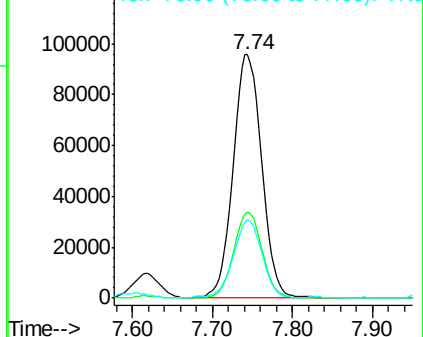


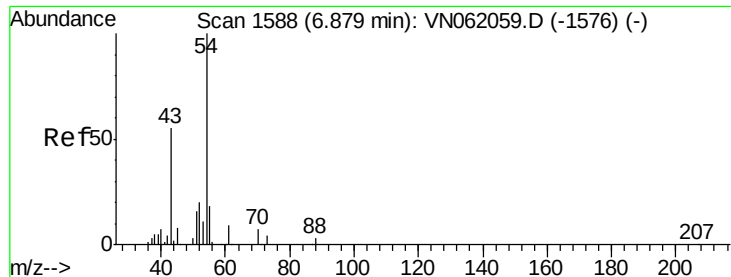
#36
 1,1-Dichloropropene
 Concen: 46.394 ug/l
 RT: 7.74 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion: 75 Resp: 229725
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.9 53.8
 77 32.1 24.9 37.3



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

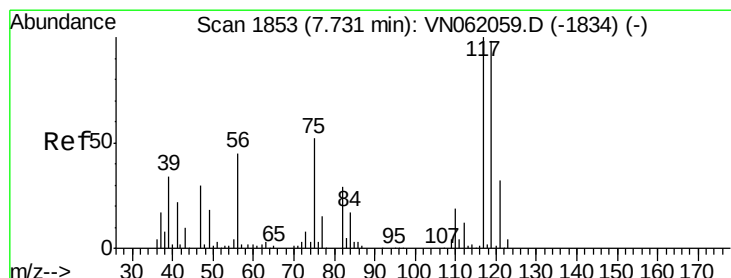
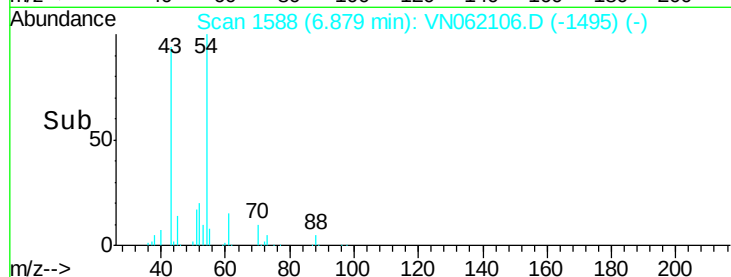
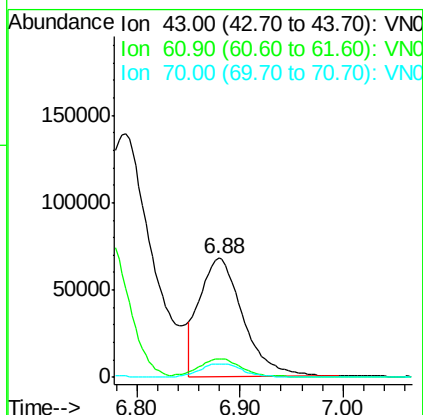
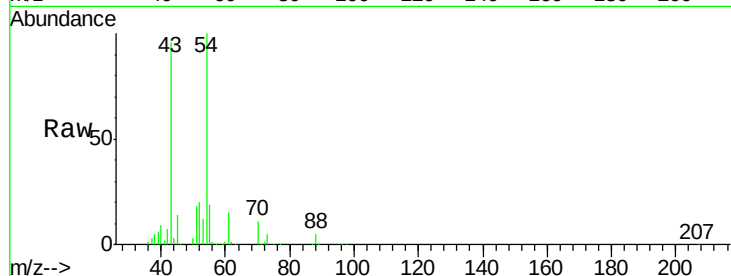




#37
Ethyl Acetate
Concen: 48.245 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

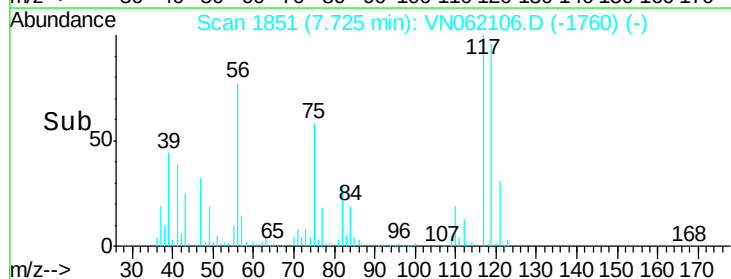
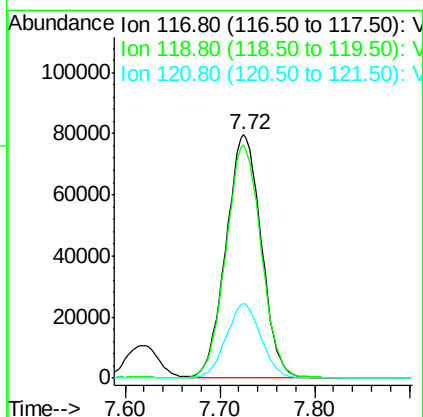
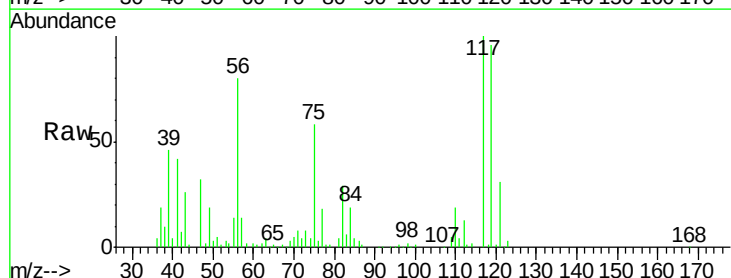
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

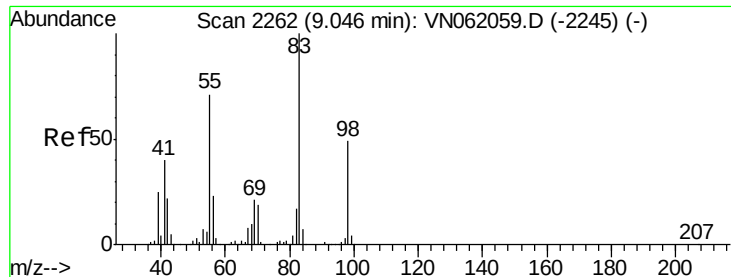
Tgt Ion: 43 Resp: 197811
Ion Ratio Lower Upper
43 100
61 15.5 12.0 18.0
70 11.6 9.6 14.4



#38
Carbon Tetrachloride
Concen: 44.274 ug/l
RT: 7.72 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion: 117 Resp: 206682
Ion Ratio Lower Upper
117 100
119 95.4 78.2 117.2
121 30.7 25.8 38.6

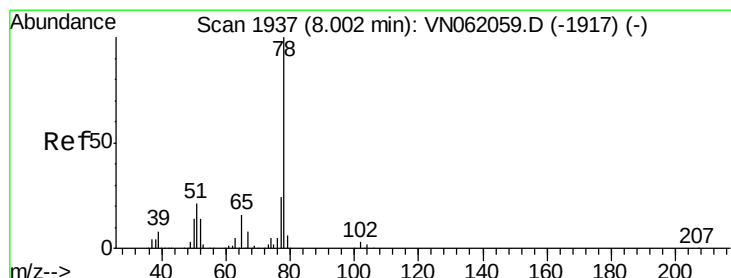
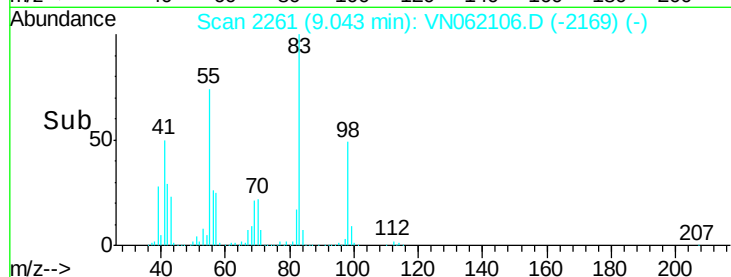
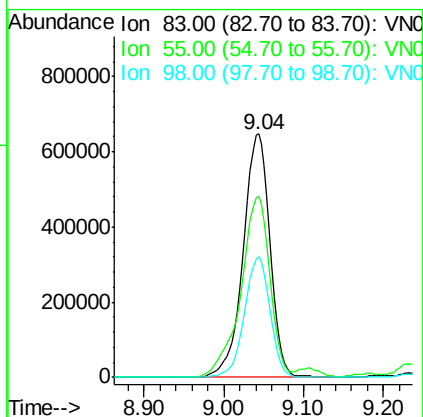
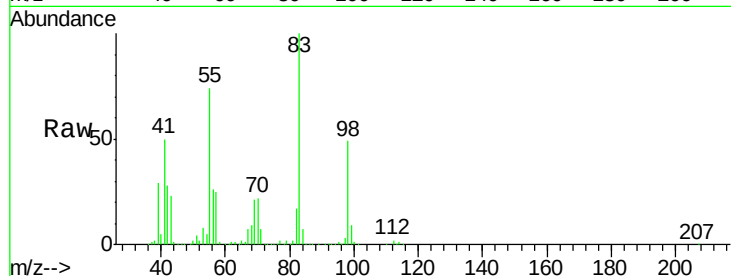




#39
Methylcyclohexane
Concen: 268.204 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

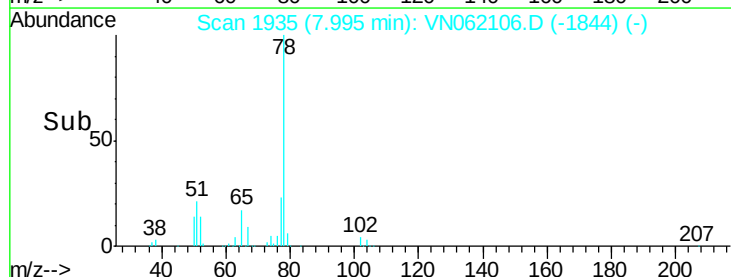
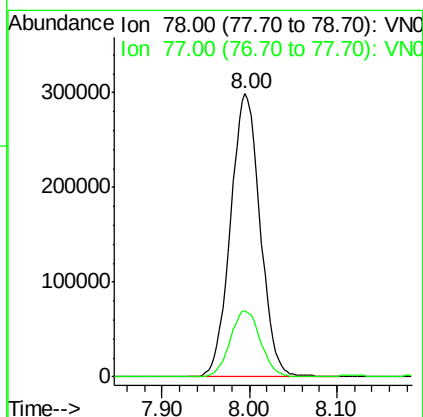
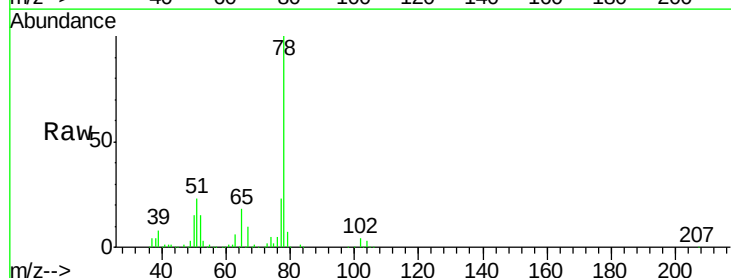
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

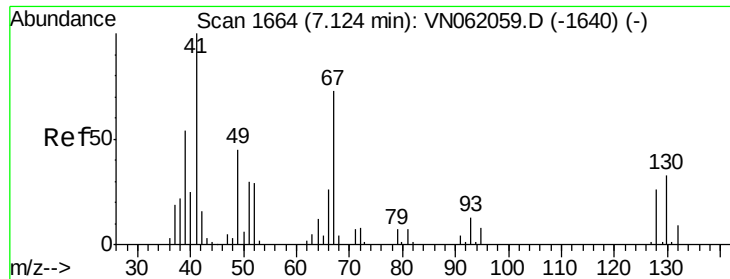
Tgt Ion: 83 Resp: 1455106
Ion Ratio Lower Upper
83 100
55 74.4 57.0 85.6
98 49.4 39.0 58.6



#40
Benzene
Concen: 46.571 ug/l
RT: 8.00 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion: 78 Resp: 702863
Ion Ratio Lower Upper
78 100
77 23.4 19.5 29.3

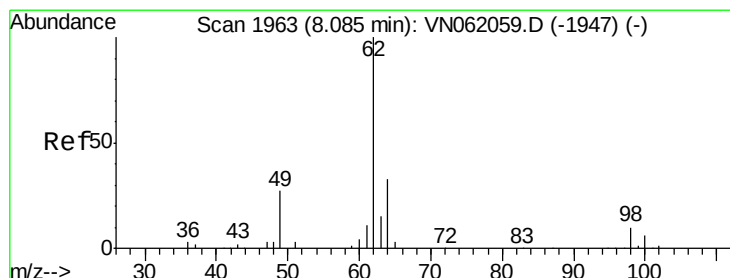
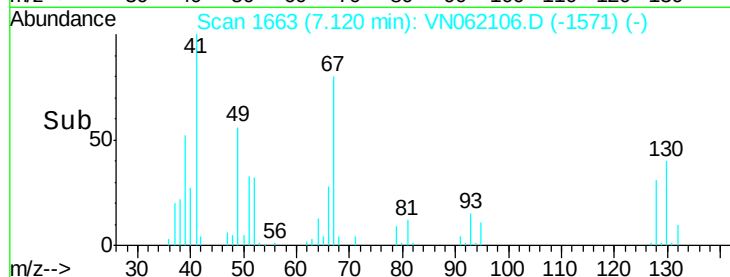
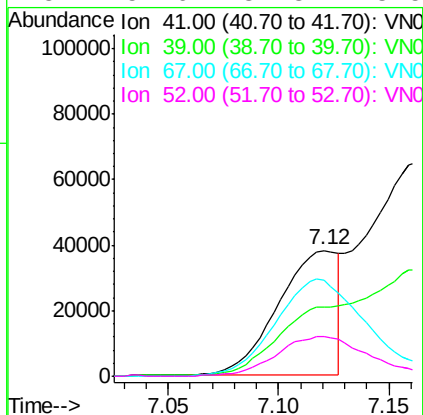
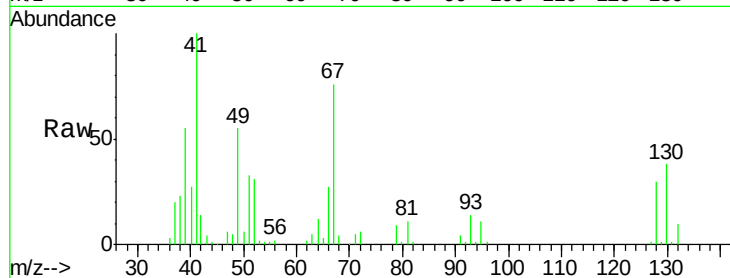




#41
Methacrylonitrile
Concen: 37.542 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

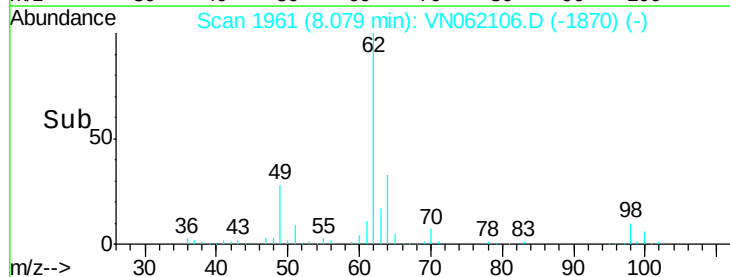
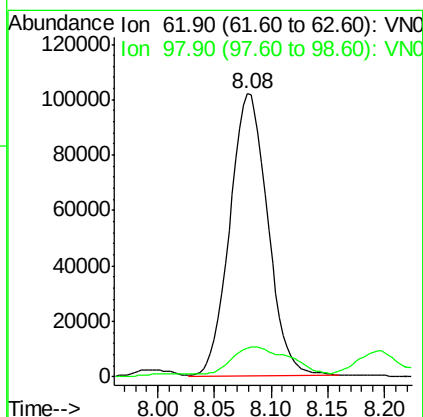
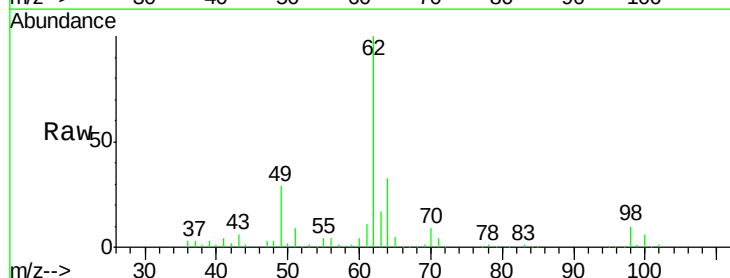
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

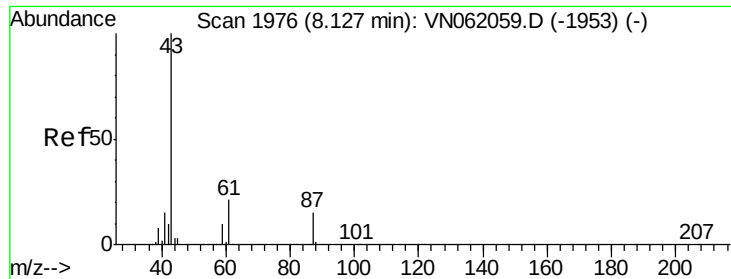
Tgt Ion: 41 Resp: 71363
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.2#
67 121.4 79.5 119.3#
52 51.6 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 46.445 ug/l
RT: 8.08 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion: 62 Resp: 236827
Ion Ratio Lower Upper
62 100
98 16.7 0.0 19.8





#43

Isopropyl Acetate

Concen: 77.745 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

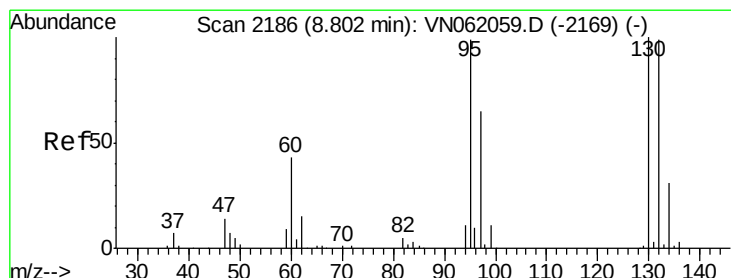
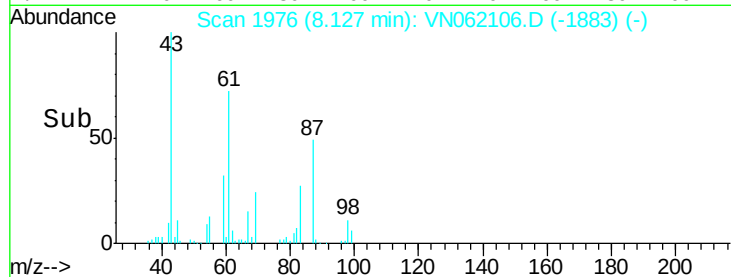
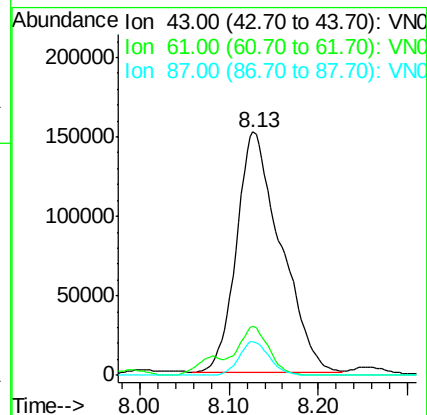
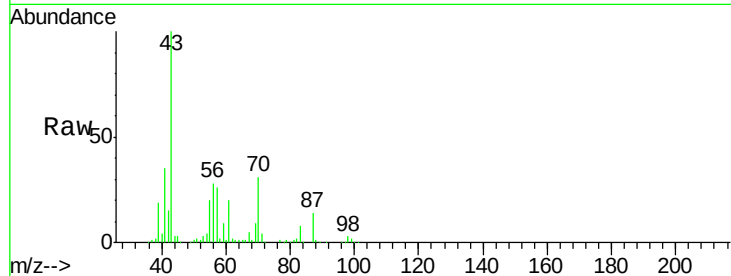
Tgt Ion: 43 Resp: 519640

Ion Ratio Lower Upper

43 100

61 13.7 17.2 25.8#

87 9.6 12.1 18.1#



#44

Trichloroethene

Concen: 45.571 ug/l

RT: 8.80 min Scan# 2184

Delta R.T. -0.01 min

Lab File: VN062106.D

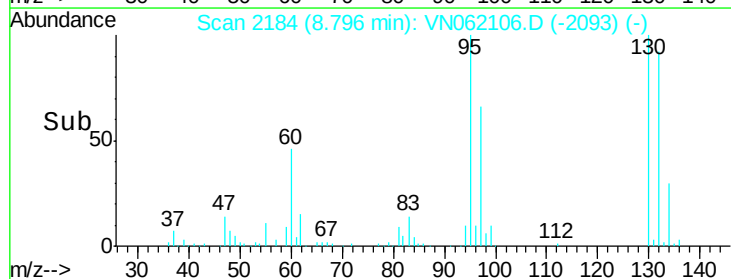
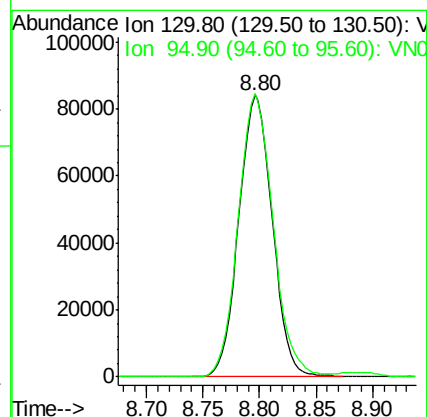
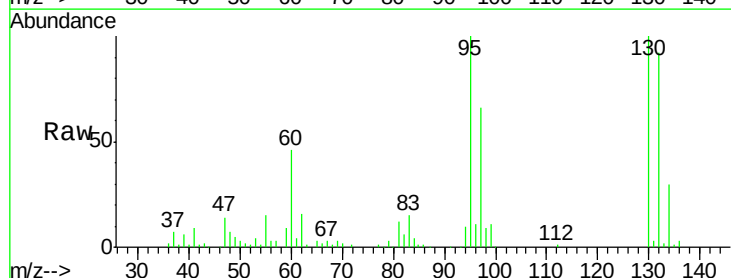
Acq: 25 Jun 2020 13:16

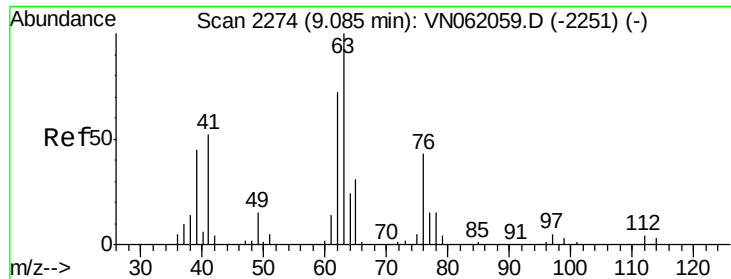
Tgt Ion: 130 Resp: 173491

Ion Ratio Lower Upper

130 100

95 100.4 0.0 197.8

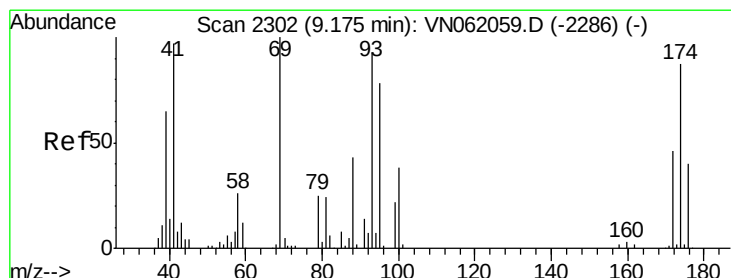
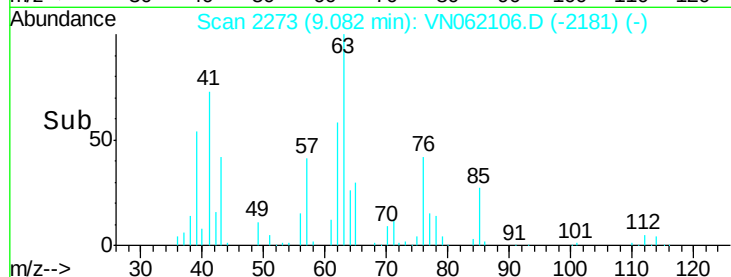
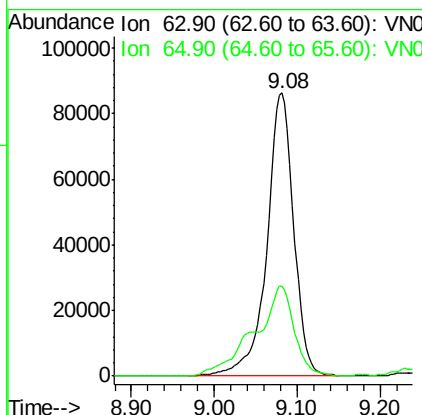
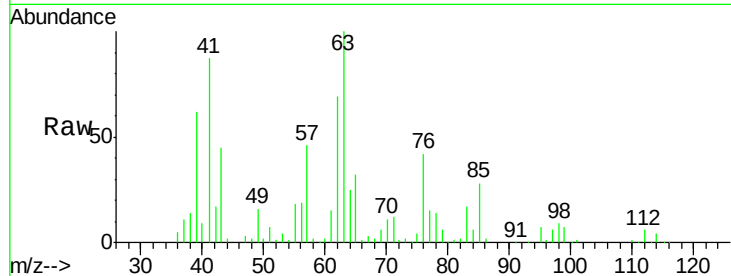




#45
 1,2-Dichloropropane
 Concen: 52.783 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

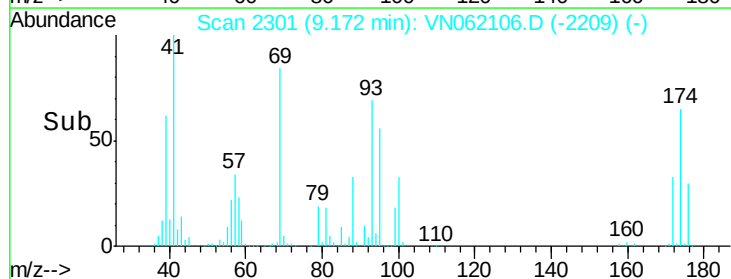
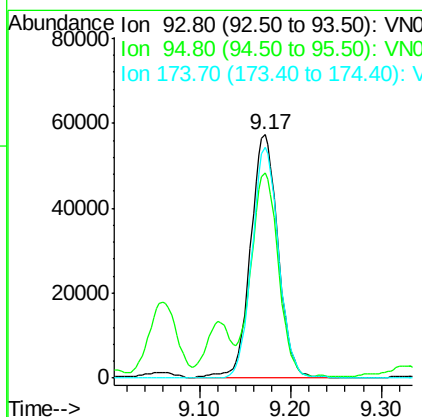
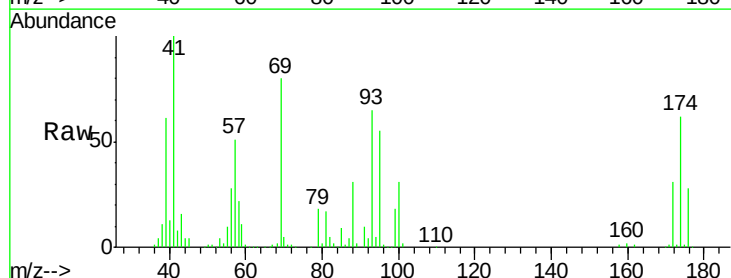
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

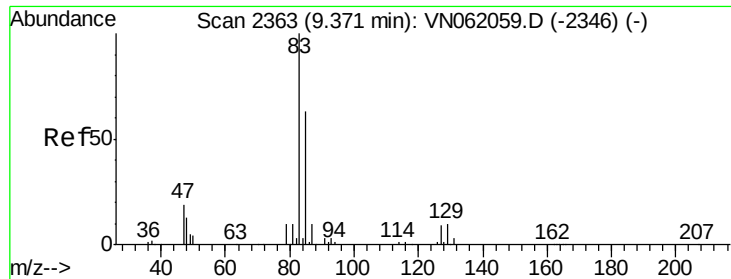
Tgt Ion: 63 Resp: 196529
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.0 37.4



#46
 Dibromomethane
 Concen: 47.831 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion: 93 Resp: 120747
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.0 100.6
 174 91.3 74.4 111.6





#47

Bromodichloromethane

Concen: 60.868 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

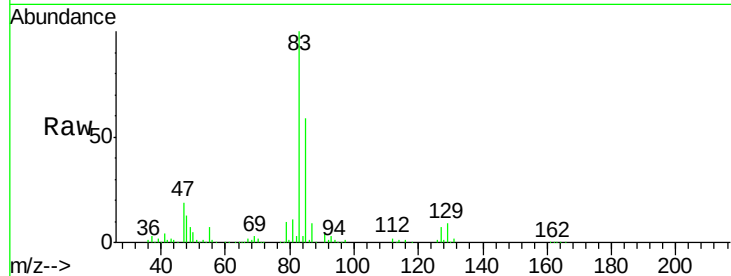
Tgt Ion: 83 Resp: 310257

Ion Ratio Lower Upper

83 100

85 58.7 50.3 75.5

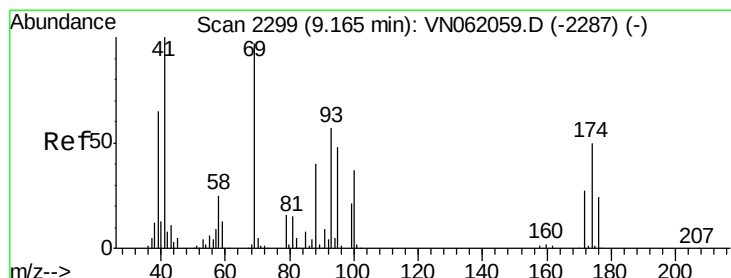
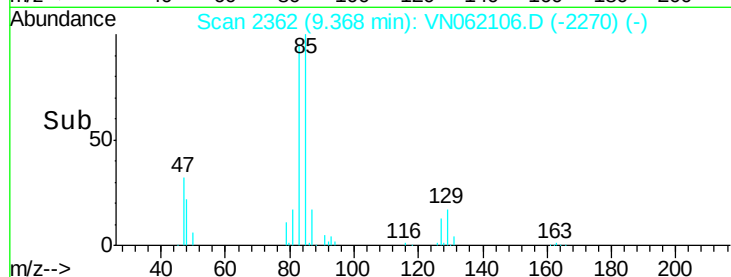
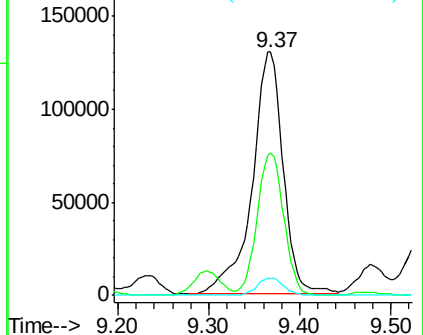
127 7.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062106.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062106.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062106.D (-2270) (-)



#48

Methyl methacrylate

Concen: 52.484 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

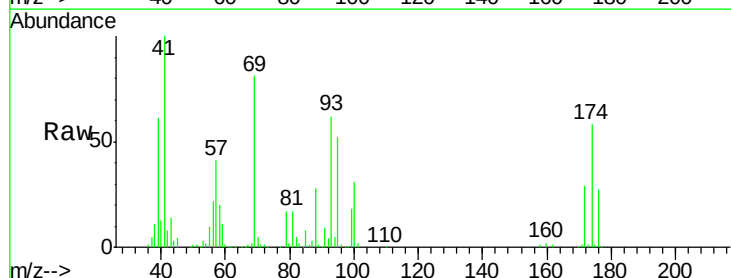
Tgt Ion: 41 Resp: 157288

Ion Ratio Lower Upper

41 100

69 93.6 80.7 121.1

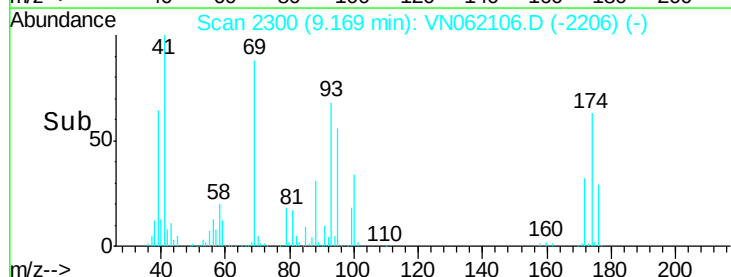
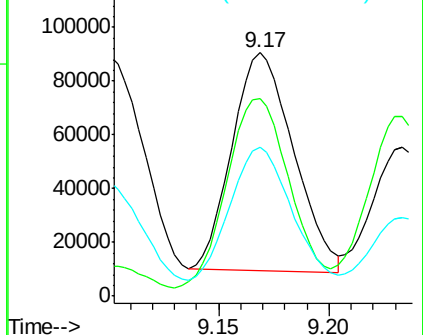
39 58.9 54.5 81.7

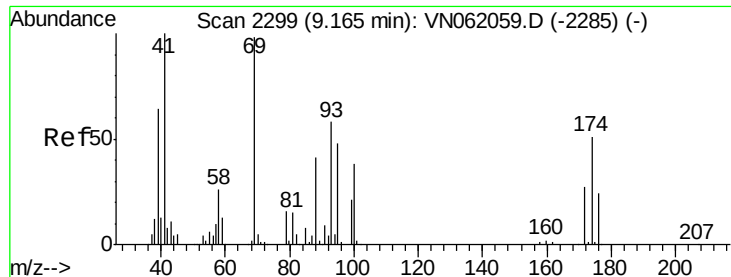


Abundance Ion 41.00 (40.70 to 41.70): VN062106.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062106.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062106.D (-2206) (-)

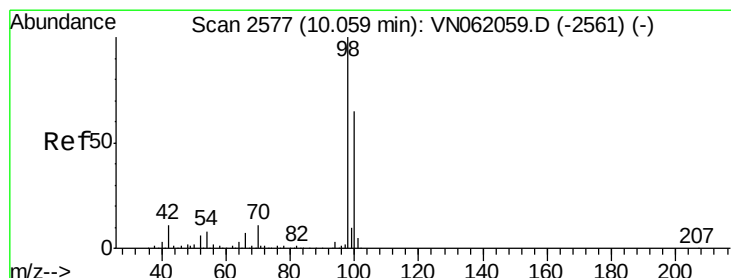
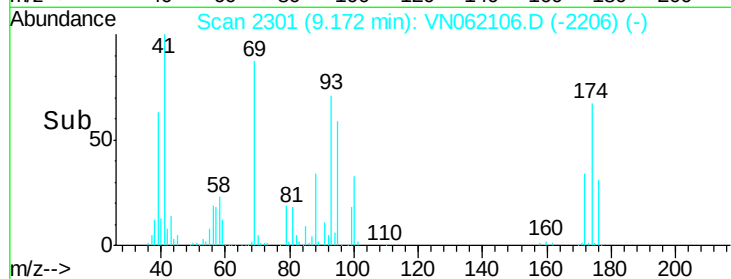
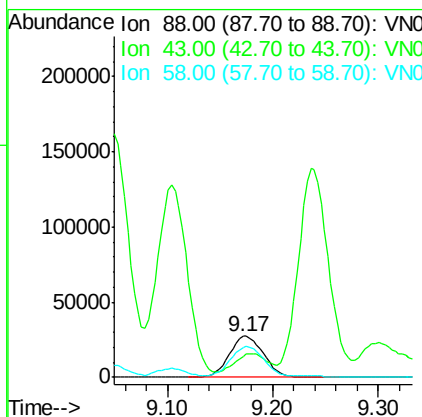
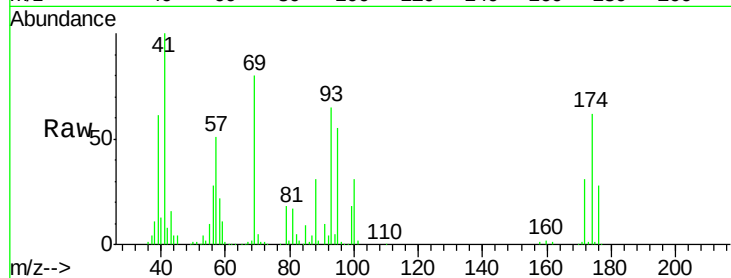




#49
1,4-Dioxane
Concen: 940.311 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

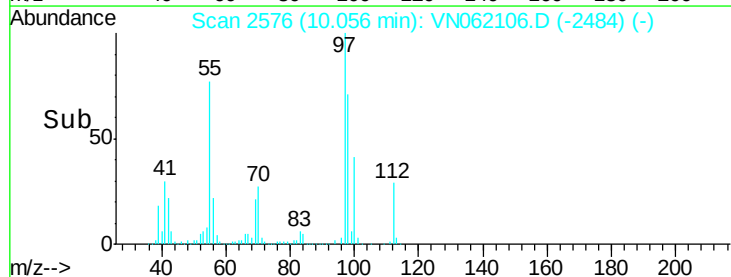
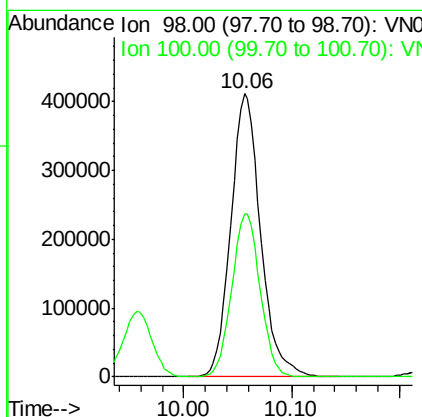
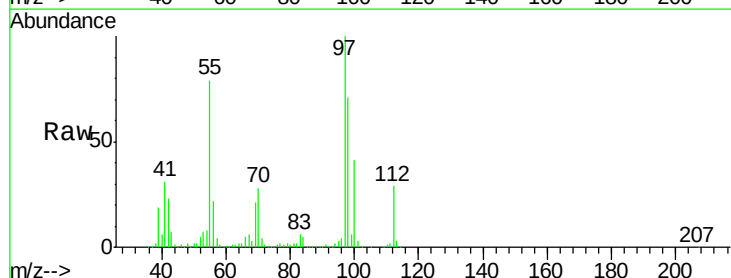
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

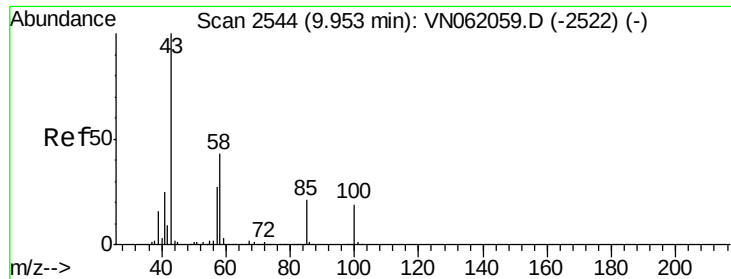
Tgt Ion: 88 Resp: 62493
Ion Ratio Lower Upper
88 100
43 53.9 22.0 33.0#
58 68.4 49.2 73.8



#50
Toluene-d8
Concen: 62.556 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion: 98 Resp: 790283
Ion Ratio Lower Upper
98 100
100 55.0 51.2 76.8

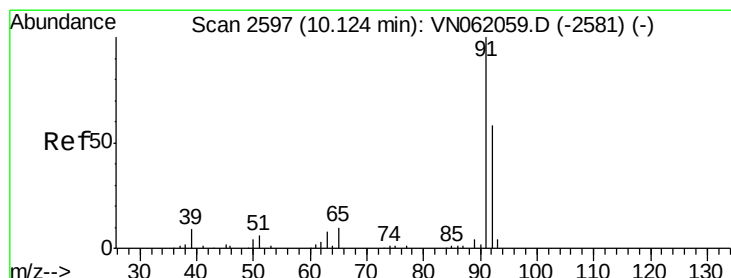
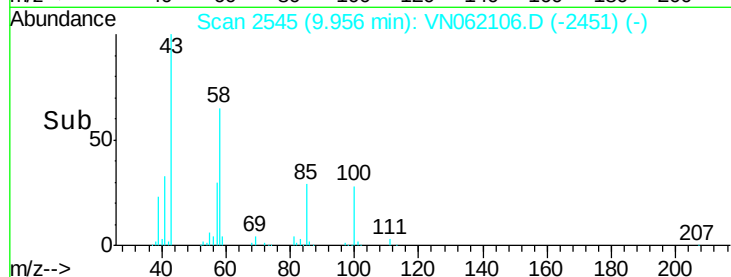
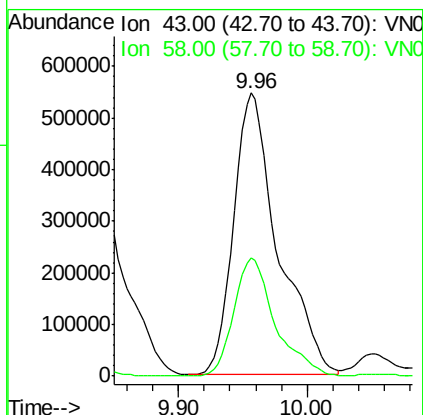
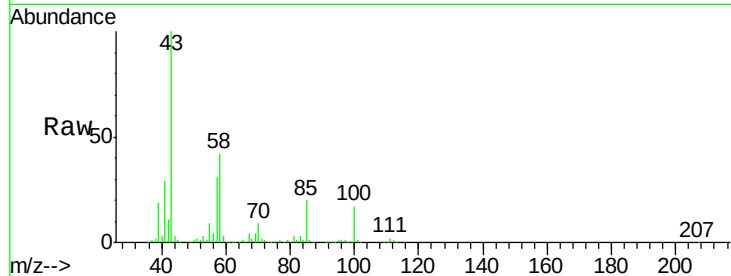




#51
 4-Methyl-2-Pentanone
 Concen: 335.073 ug/l
 RT: 9.96 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

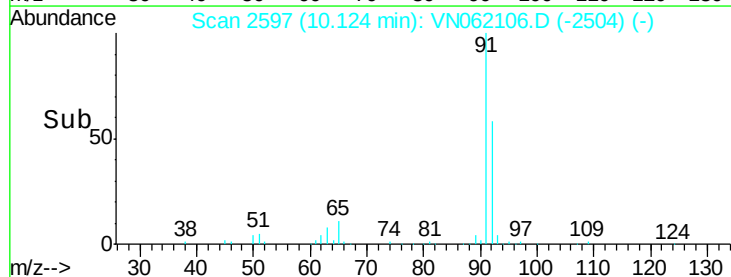
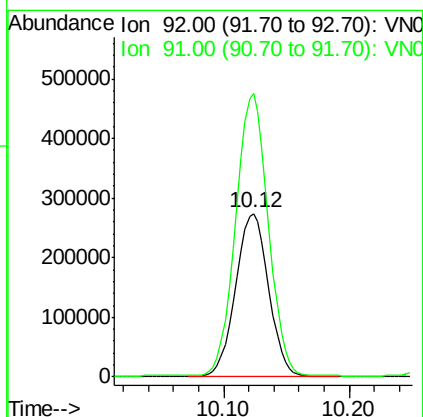
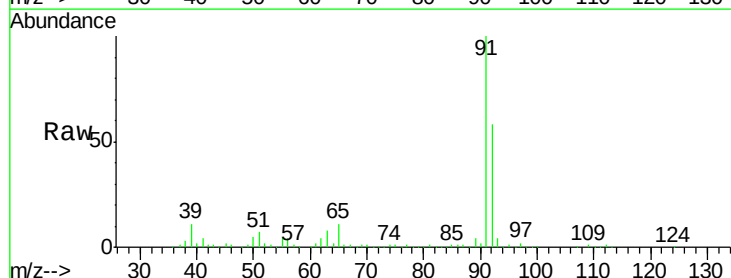
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

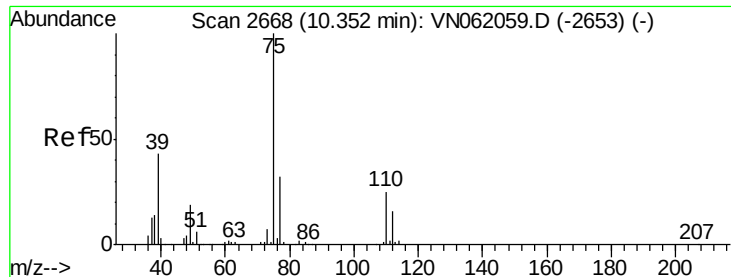
Tgt Ion: 43 Resp: 1308508
 Ion Ratio Lower Upper
 43 100
 58 39.0 34.2 51.2



#52
 Toluene
 Concen: 54.091 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion: 92 Resp: 498103
 Ion Ratio Lower Upper
 92 100
 91 171.9 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 51.820 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

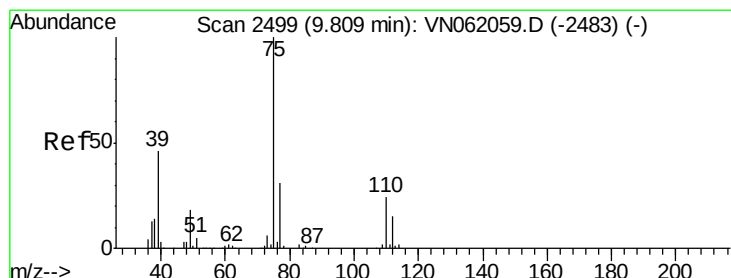
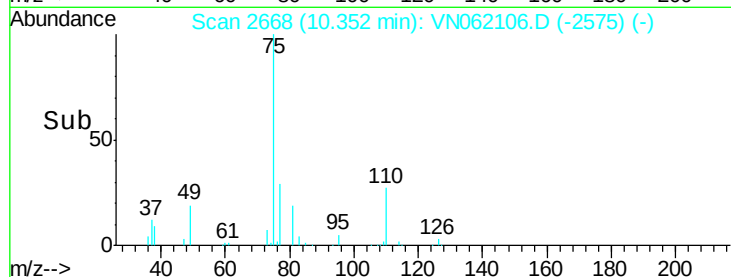
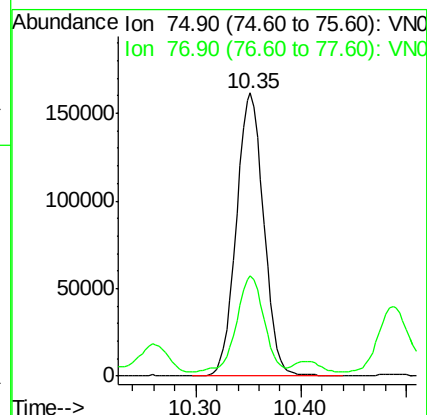
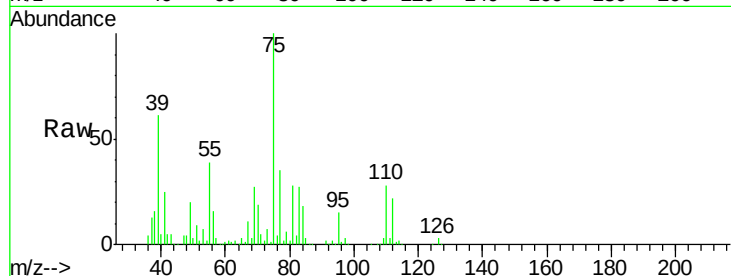
MW-27(16.5-18.5)MS

Tgt Ion: 75 Resp: 290599

Ion Ratio Lower Upper

75 100

77 34.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 48.818 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

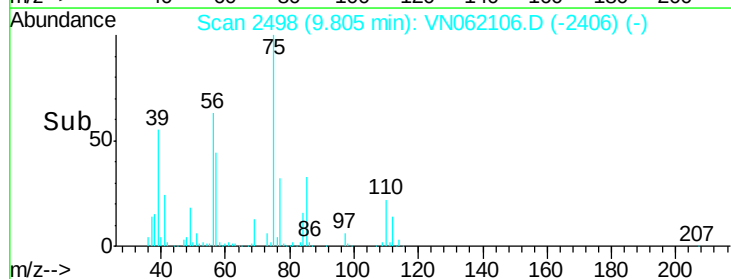
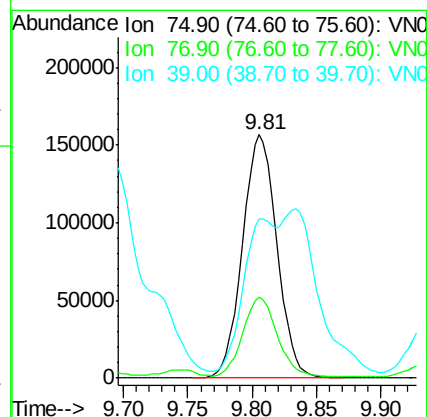
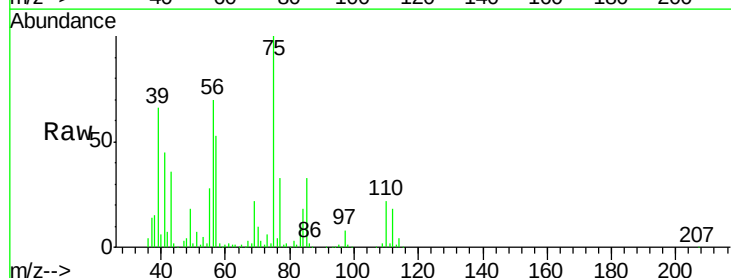
Tgt Ion: 75 Resp: 291460

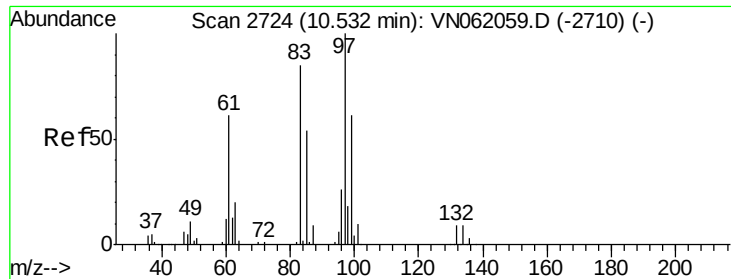
Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.6

39 58.7 36.9 55.3#





#55

1,1,2-Trichloroethane

Concen: 208.516 ug/l

RT: 10.50 min Scan# 2714

Delta R.T. -0.03 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

Tgt Ion: 97 Resp: 754785

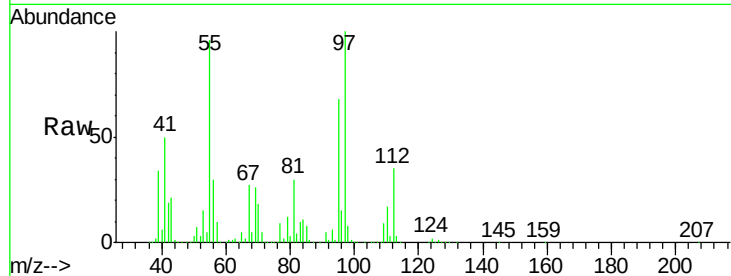
Ion Ratio Lower Upper

97 100

83 6.5 68.2 102.2#

85 8.3 43.2 64.8#

99 0.4 48.5 72.7#

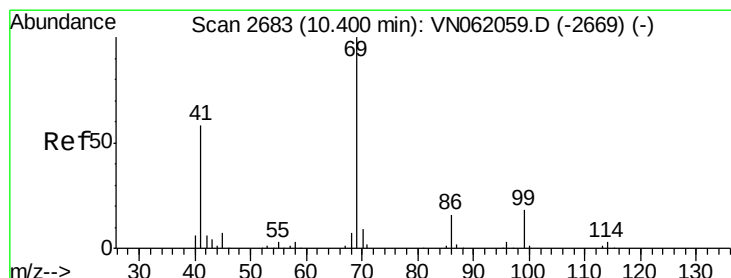
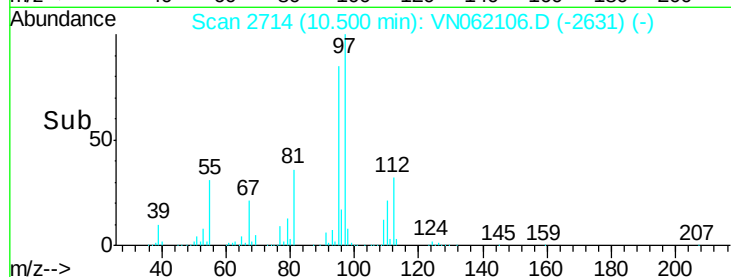
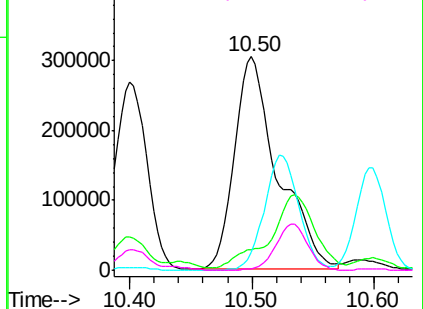


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 70.961 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

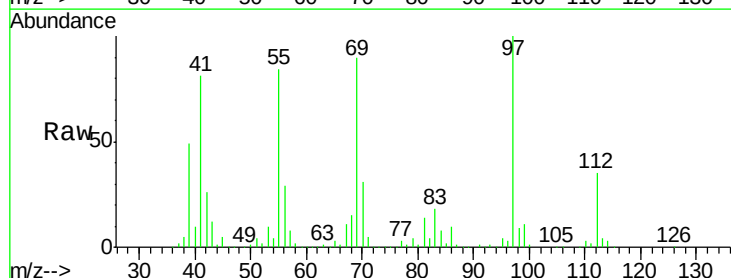
Tgt Ion: 69 Resp: 342793

Ion Ratio Lower Upper

69 100

41 89.0 46.6 70.0#

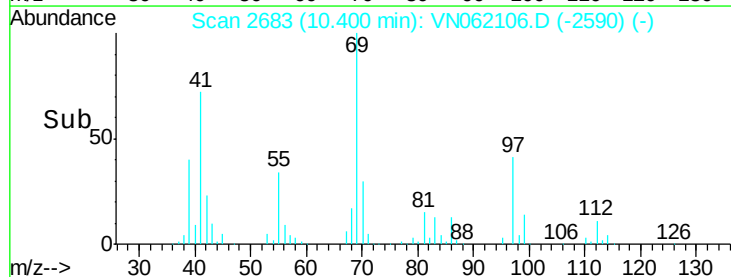
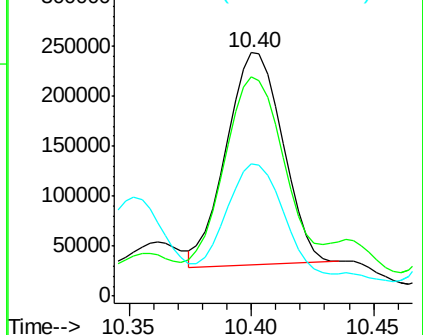
39 50.4 31.0 46.4#

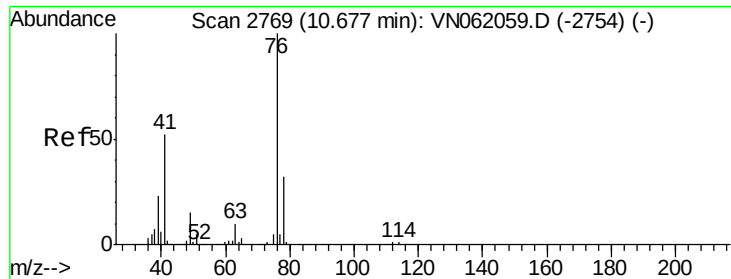


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

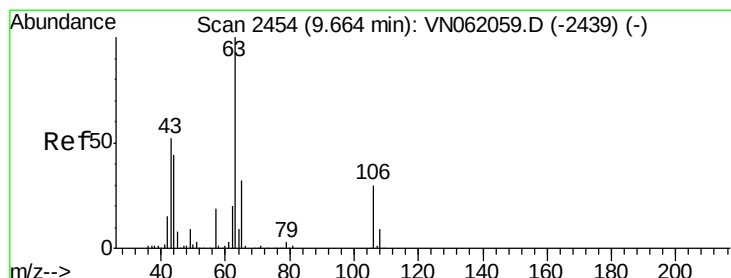
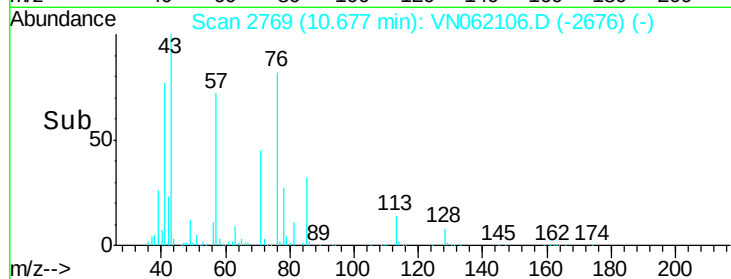
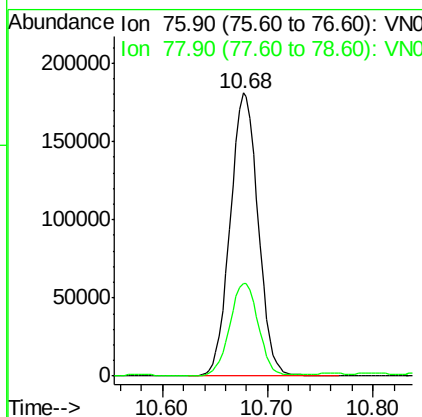
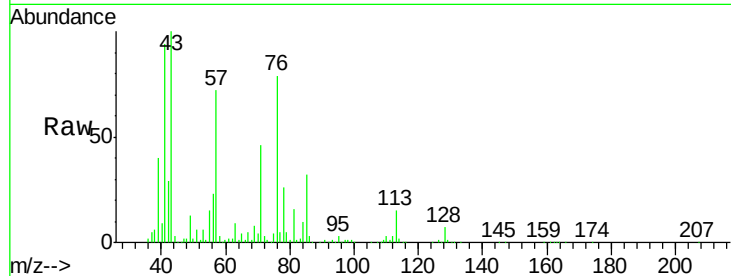




#57
 1,3-Dichloropropane
 Concen: 53.252 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

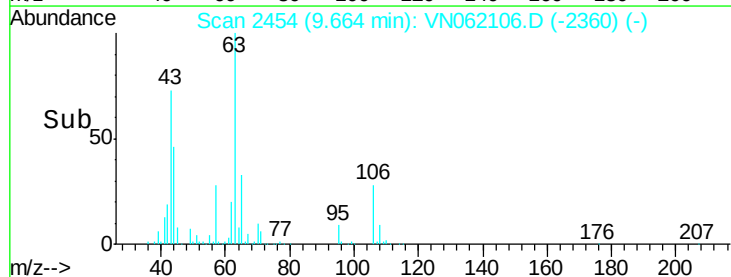
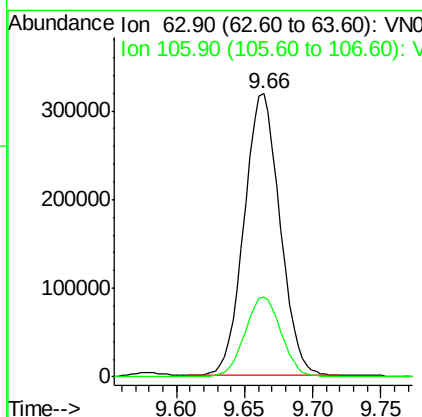
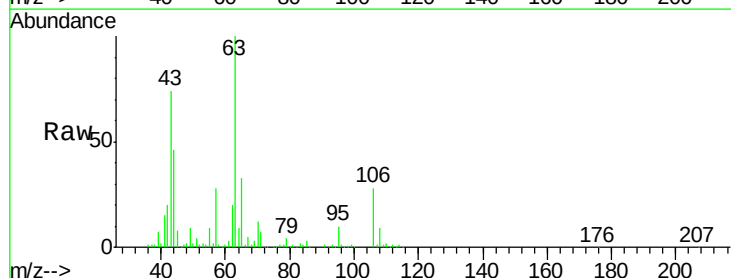
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

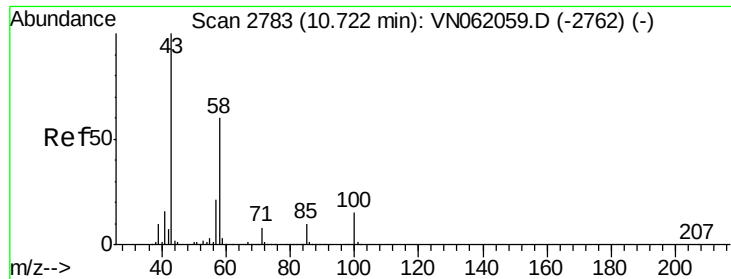
Tgt Ion: 76 Resp: 331791
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 280.239 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion: 63 Resp: 580654
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.2 34.8

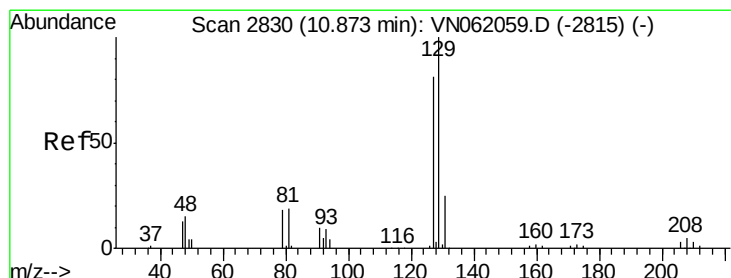
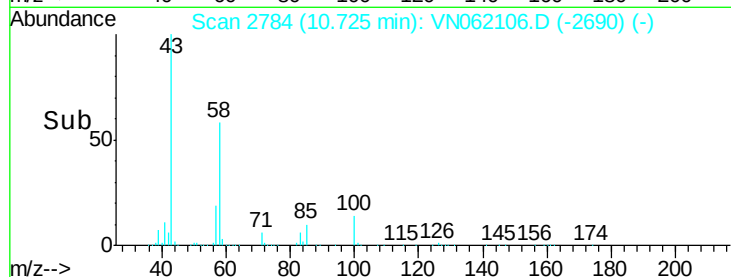
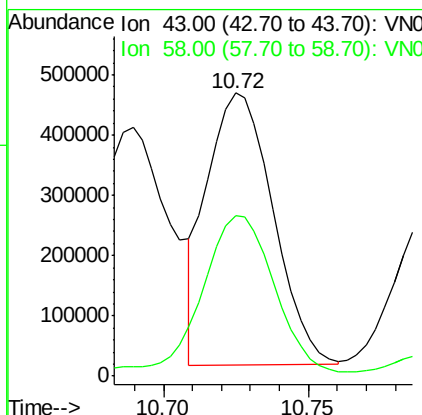
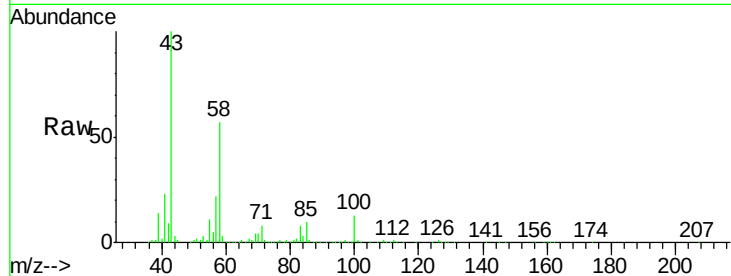




#59
2-Hexanone
Concen: 251.678 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

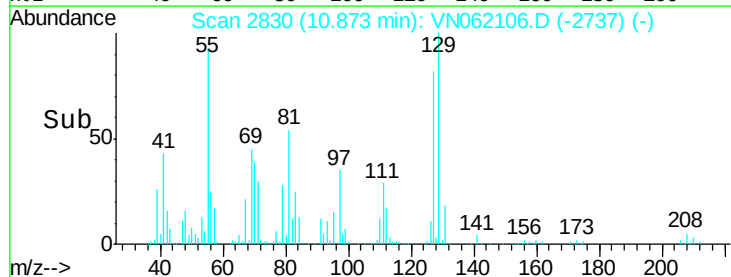
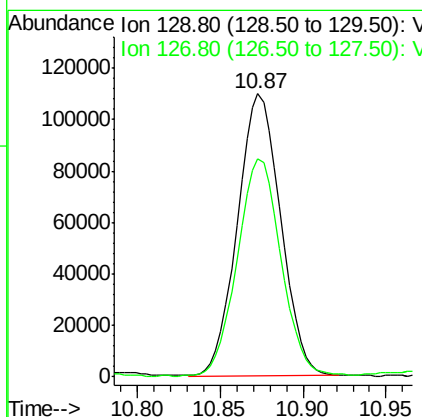
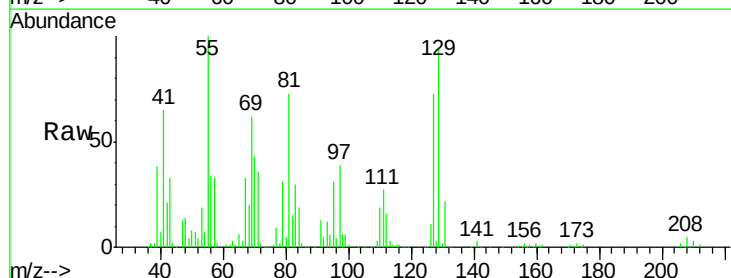
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

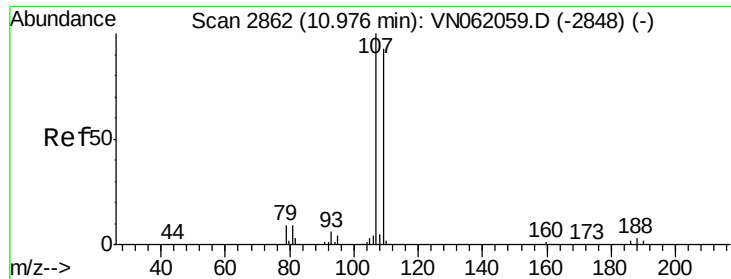
Tgt Ion: 43 Resp: 709706
Ion Ratio Lower Upper
43 100
58 67.6 29.5 88.5



#60
Dibromochloromethane
Concen: 51.901 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion: 129 Resp: 198903
Ion Ratio Lower Upper
129 100
127 77.6 39.5 118.5





#61

1,2-Dibromoethane

Concen: 55.155 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

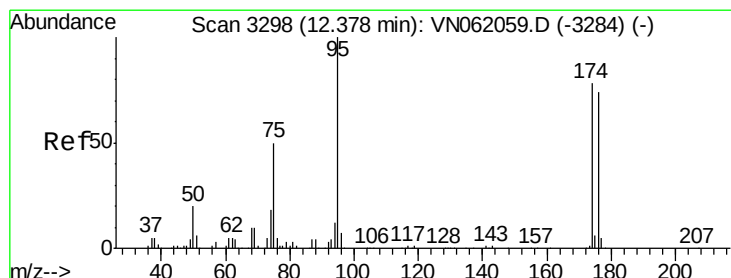
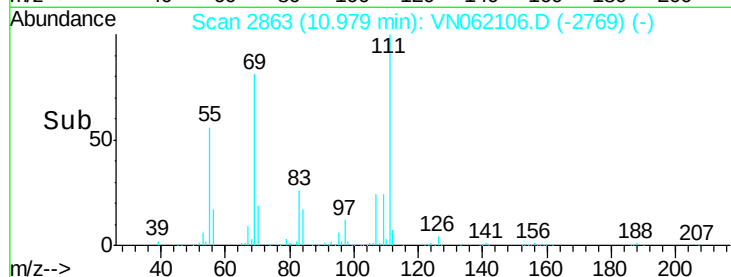
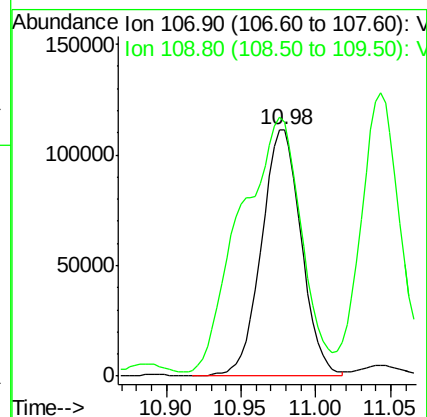
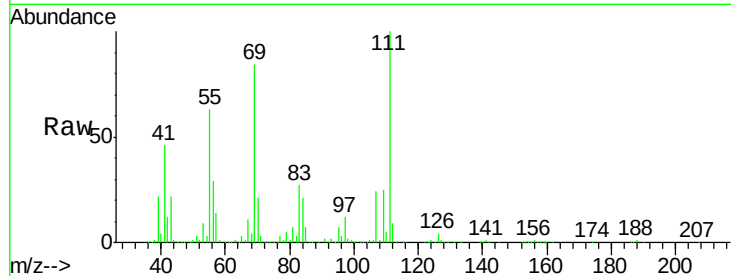
MW-27(16.5-18.5)MS

Tgt Ion: 107 Resp: 205143

Ion Ratio Lower Upper

107 100

109 157.9 75.0 112.6#



#62

4-Bromofluorobenzene

Concen: 87.732 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

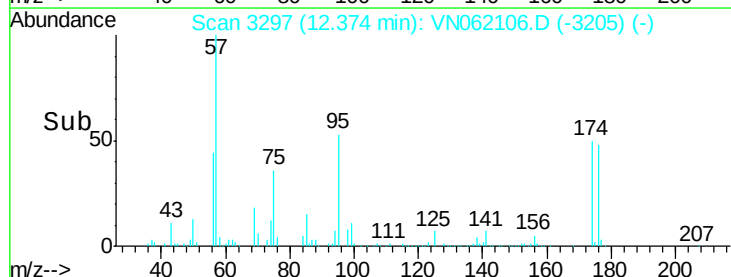
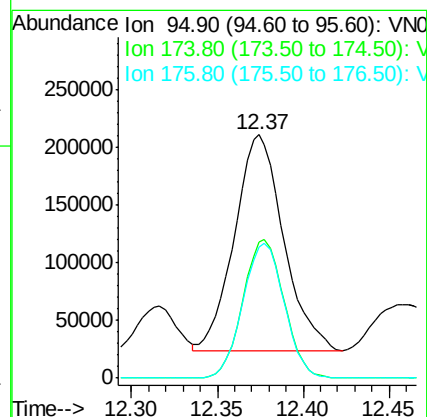
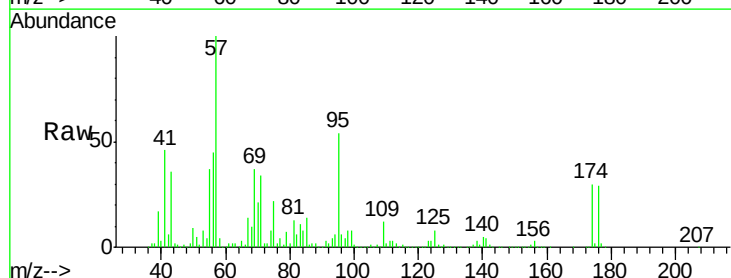
Tgt Ion: 95 Resp: 374458

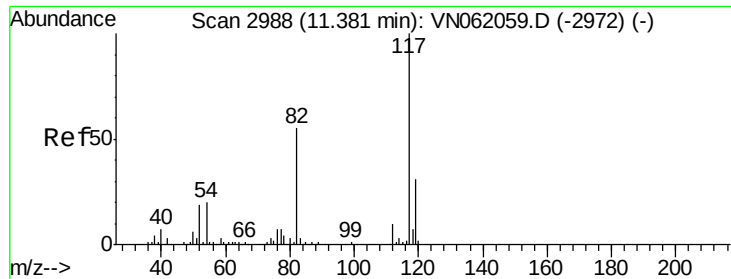
Ion Ratio Lower Upper

95 100

174 53.7 0.0 154.8

176 52.4 0.0 147.4

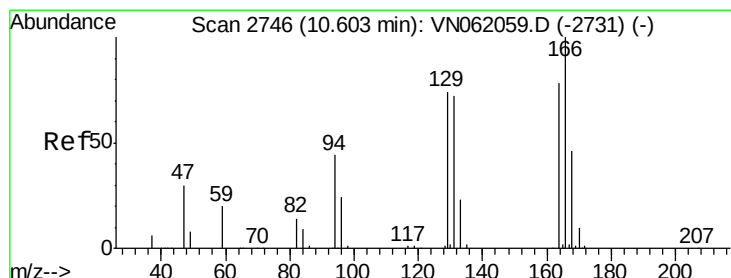
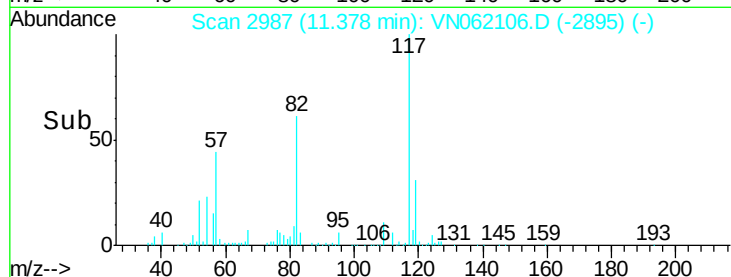
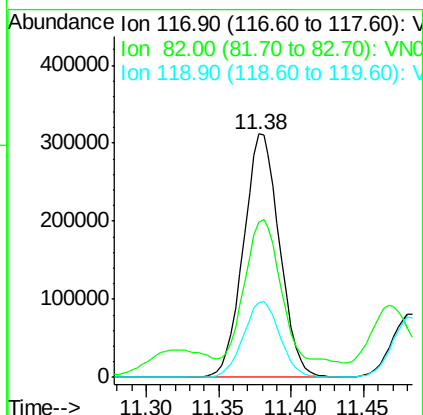
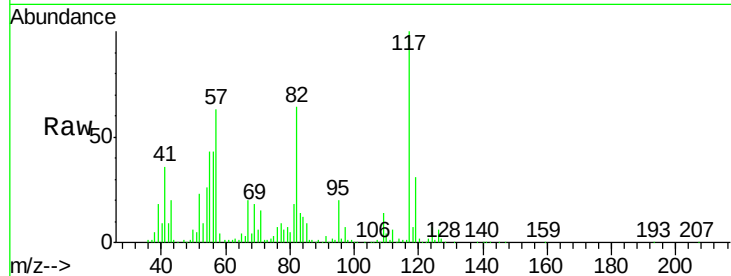




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

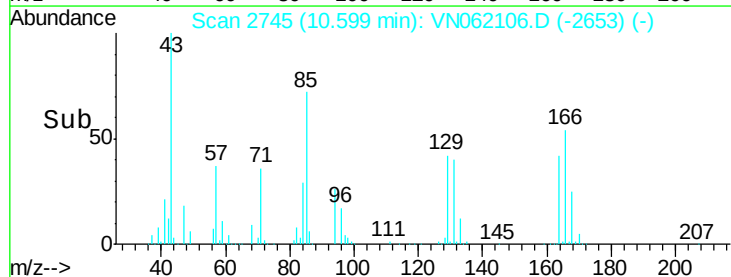
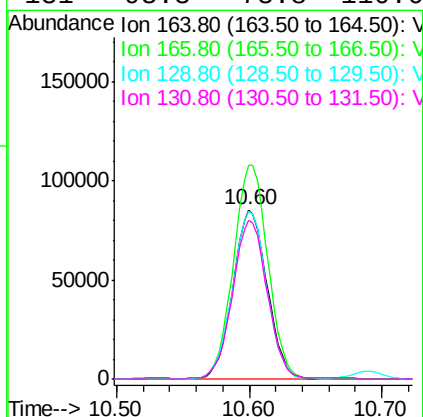
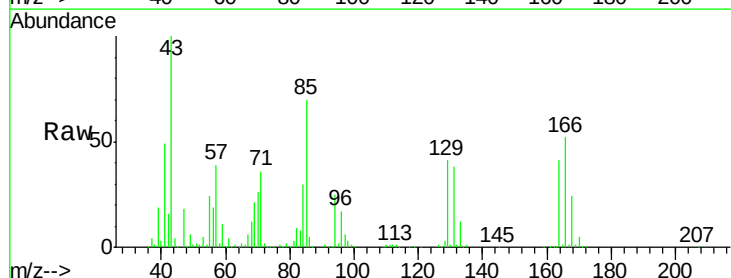
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

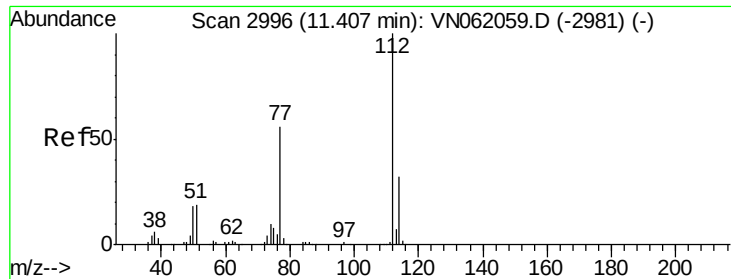
Tgt Ion:117 Resp: 540805
Ion Ratio Lower Upper
117 100
82 57.7 43.8 65.8
119 30.8 25.2 37.8



#64
Tetrachloroethene
Concen: 41.205 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion:164 Resp: 152221
Ion Ratio Lower Upper
164 100
166 126.4 102.9 154.3
129 99.4 75.8 113.8
131 93.3 73.8 110.6

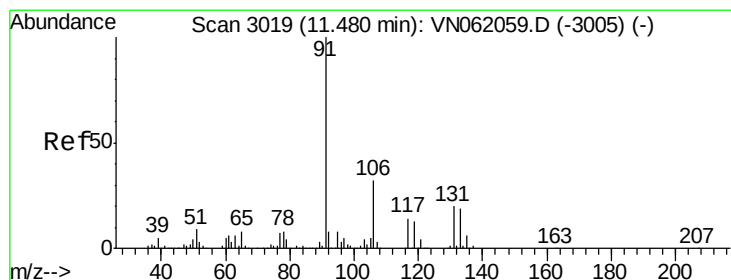
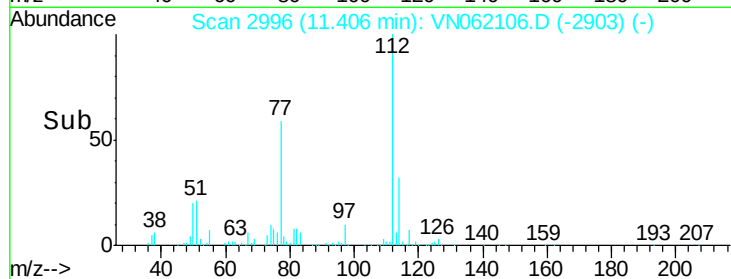
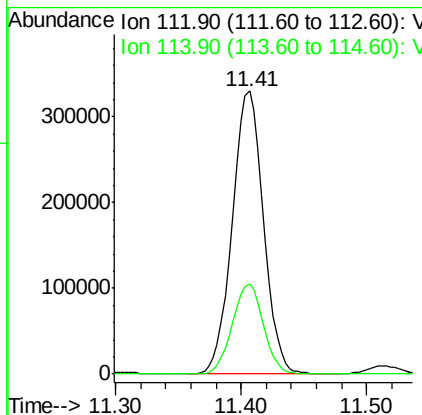
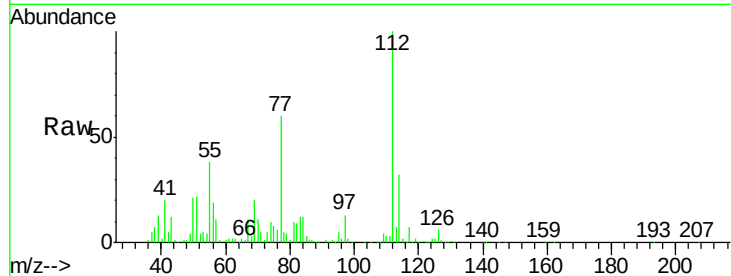




#65
Chlorobenzene
Concen: 47.891 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

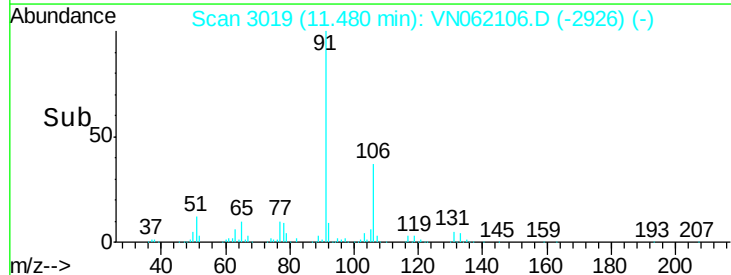
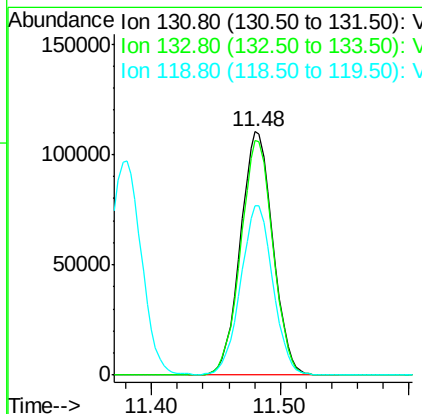
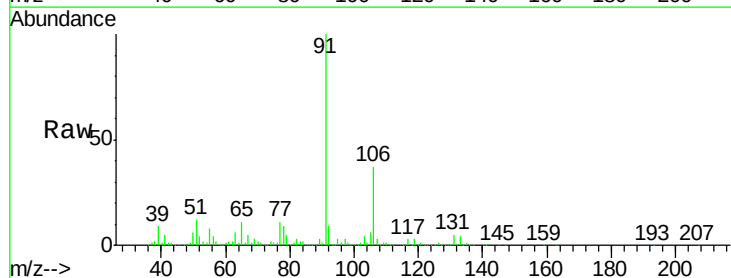
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

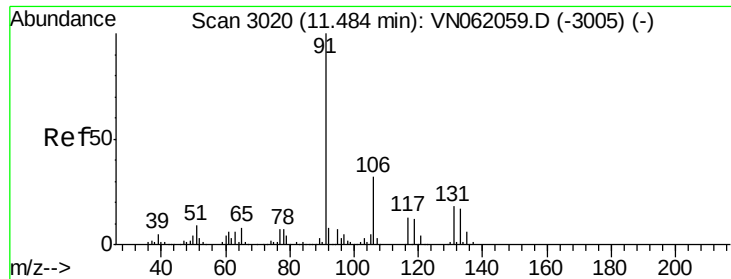
Tgt Ion:112 Resp: 568757
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 47.016 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion:131 Resp: 193078
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 68.8 34.4 103.3

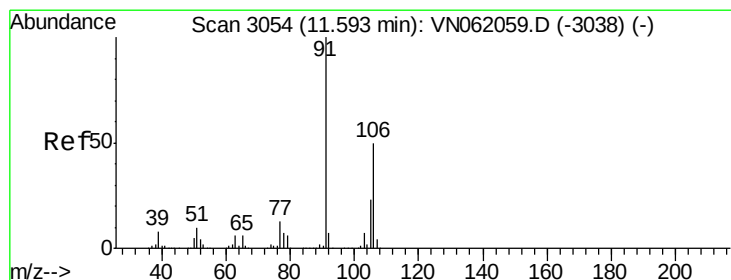
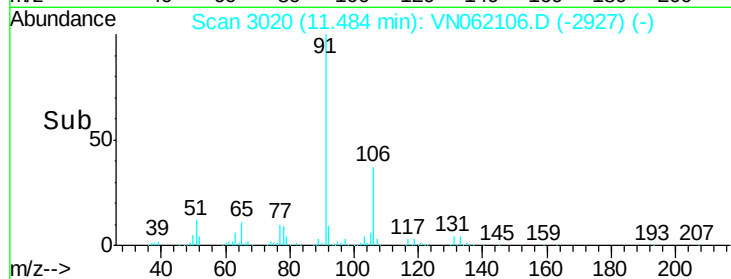
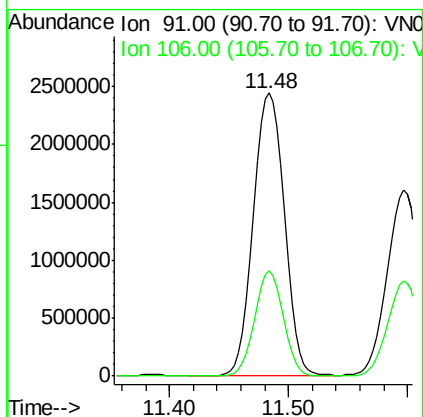
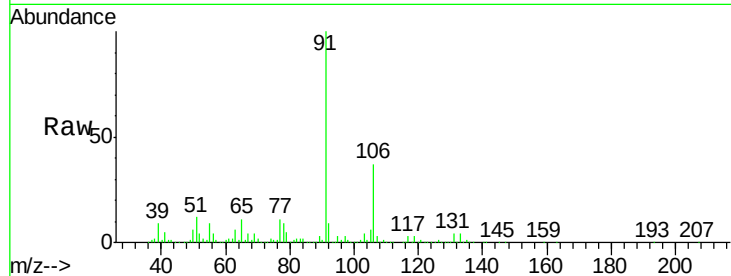




#67
Ethyl Benzene
Concen: 220.080 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

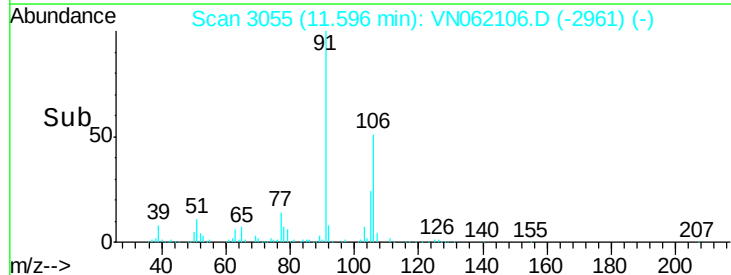
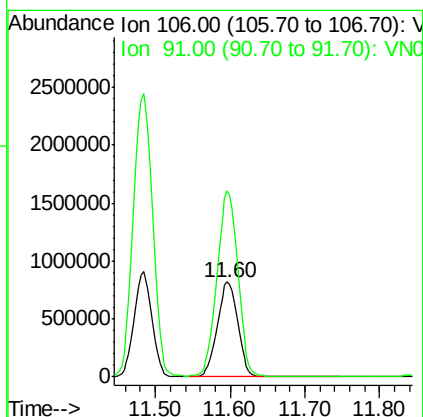
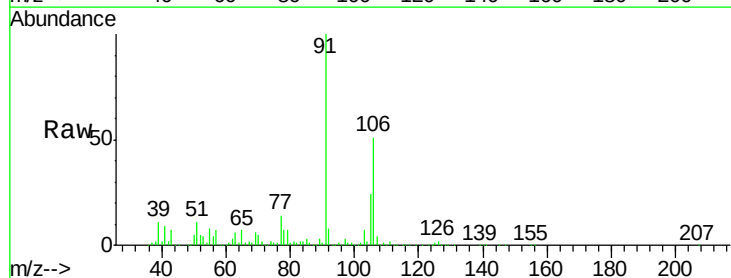
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

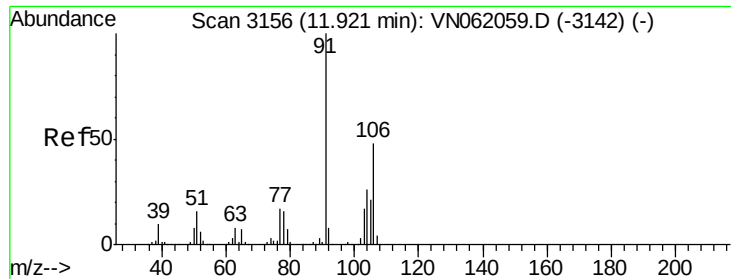
Tgt Ion: 91 Resp: 4414235
Ion Ratio Lower Upper
91 100
106 37.2 25.3 37.9



#68
m/p-Xylenes
Concen: 199.833 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion: 106 Resp: 1550277
Ion Ratio Lower Upper
106 100
91 198.3 157.8 236.8

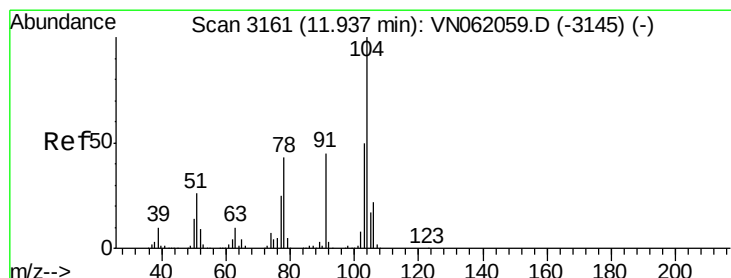
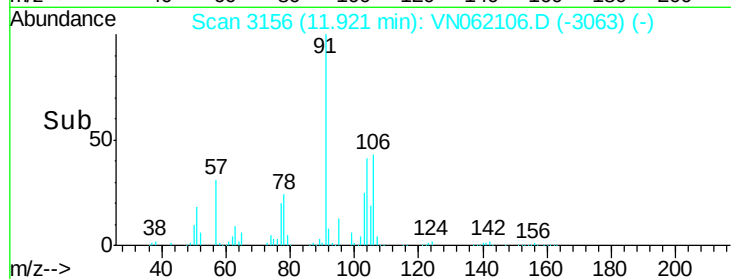
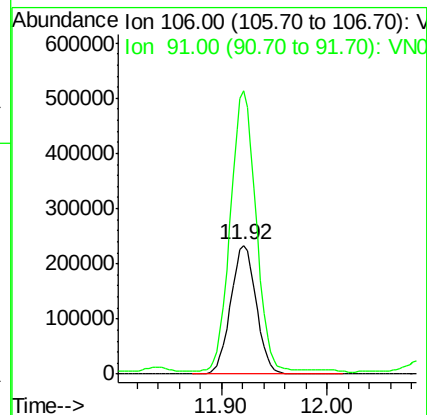
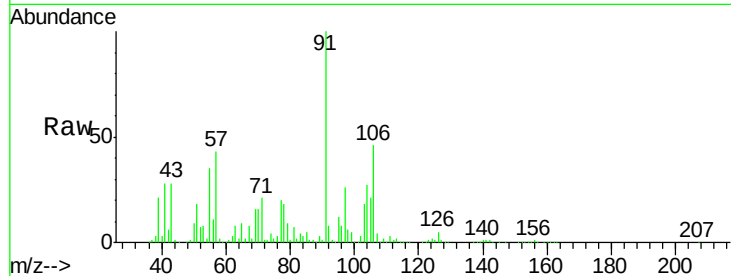




#69
o-Xylene
Concen: 53.150 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

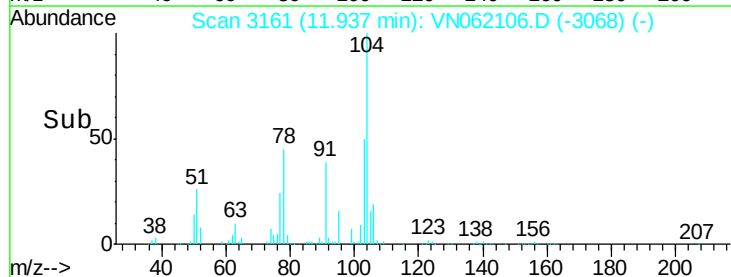
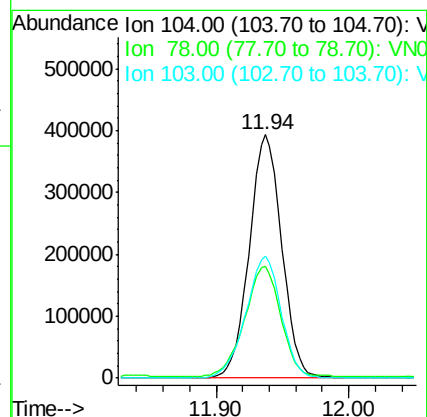
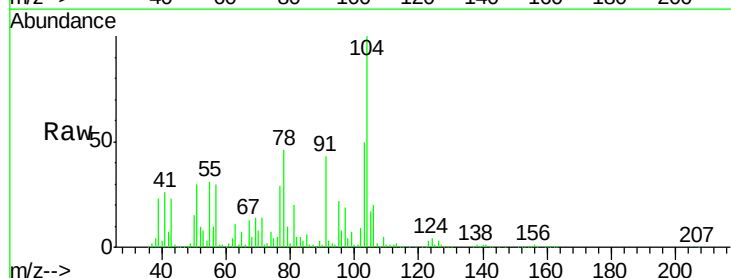
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

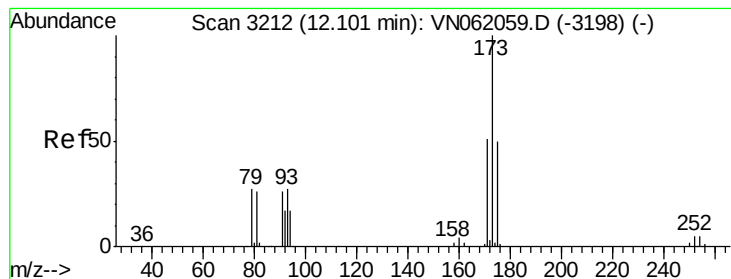
Tgt Ion:106 Resp: 389037
Ion Ratio Lower Upper
106 100
91 218.2 104.0 311.9



#70
Styrene
Concen: 54.821 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion:104 Resp: 669218
Ion Ratio Lower Upper
104 100
78 51.3 37.7 56.5
103 54.5 43.0 64.6





#71

Bromoform

Concen: 47.893 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

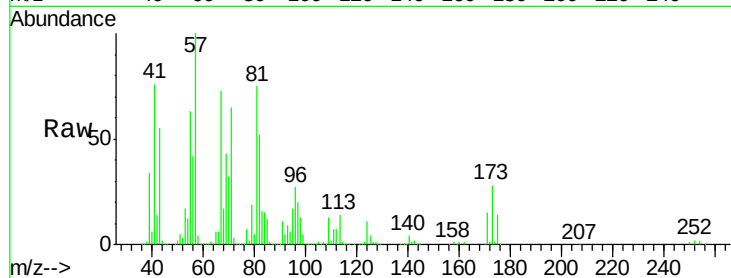
Tgt Ion:173 Resp: 139839

Ion Ratio Lower Upper

173 100

175 48.4 24.7 74.1

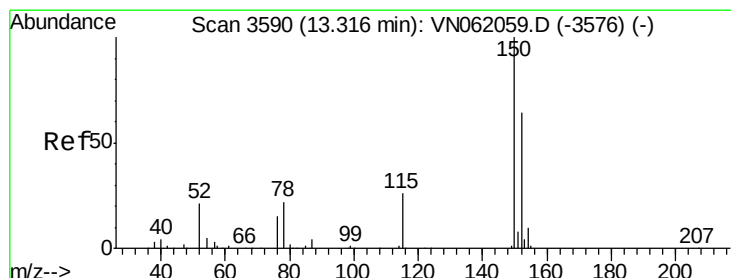
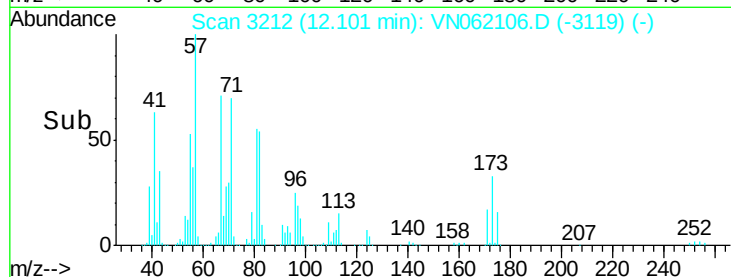
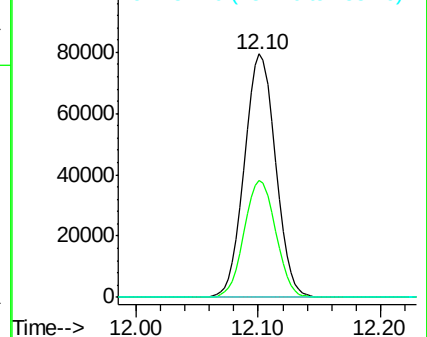
254 0.0 0.0 0.0



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# 3590

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

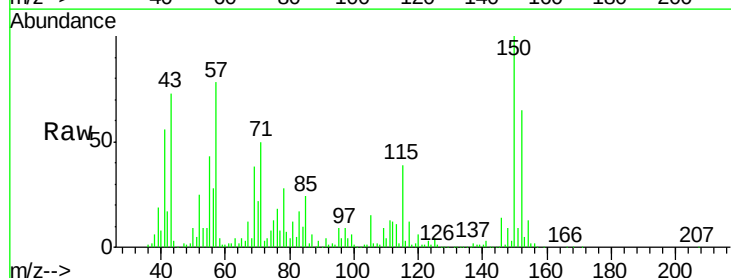
Tgt Ion:152 Resp: 286329

Ion Ratio Lower Upper

152 100

115 50.9 29.5 88.5

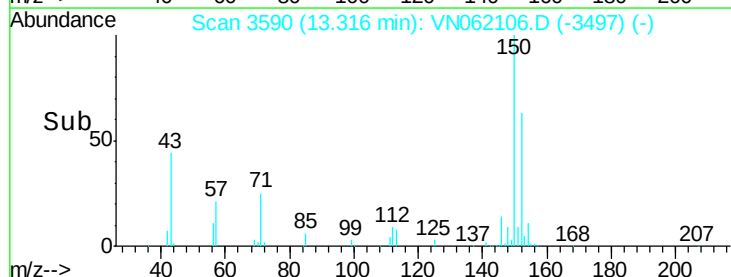
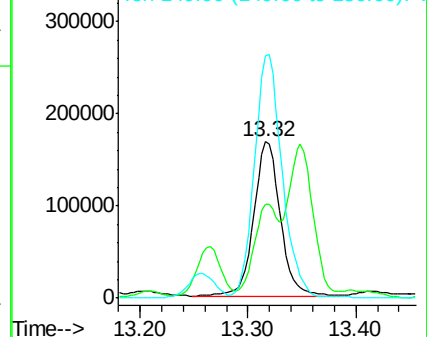
150 164.0 0.0 351.4

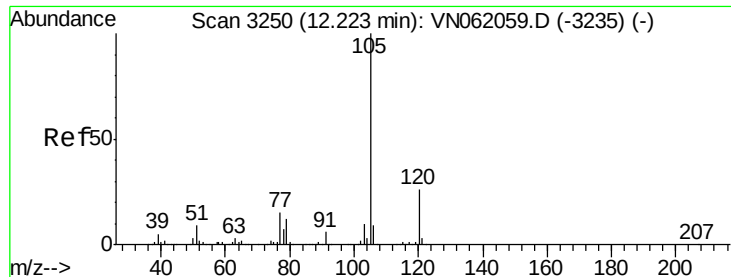


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 94.109 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

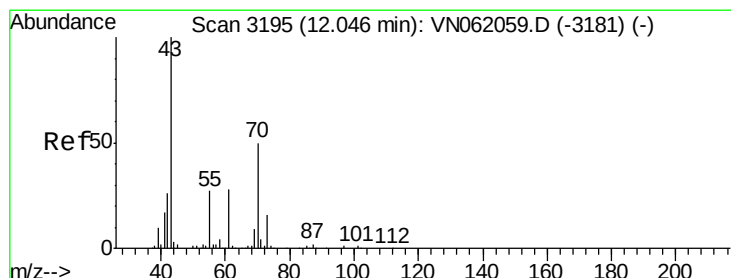
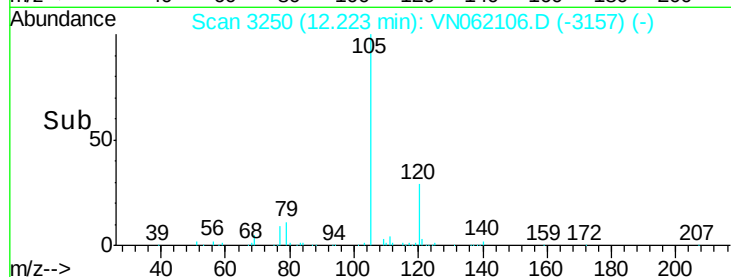
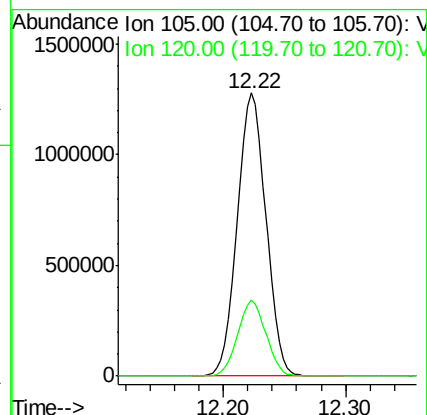
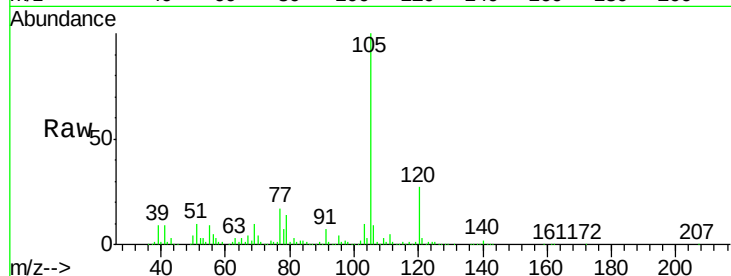
MW-27(16.5-18.5)MS

Tgt Ion:105 Resp: 2085854

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-amyl acetate

Concen: 59.531 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.03 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Tgt Ion: 43 Resp: 491279

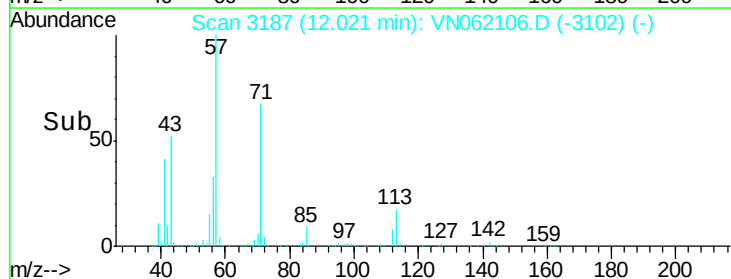
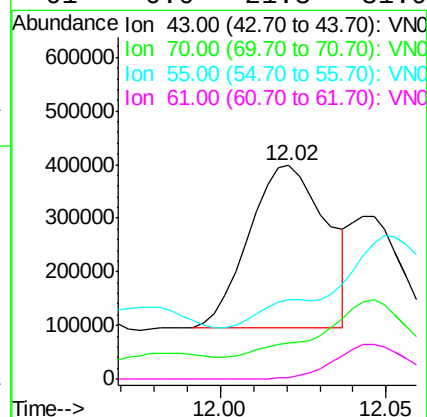
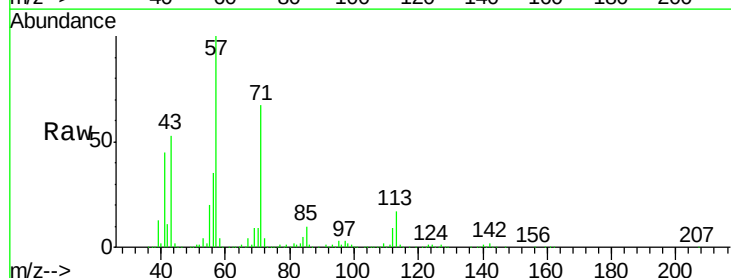
Ion Ratio Lower Upper

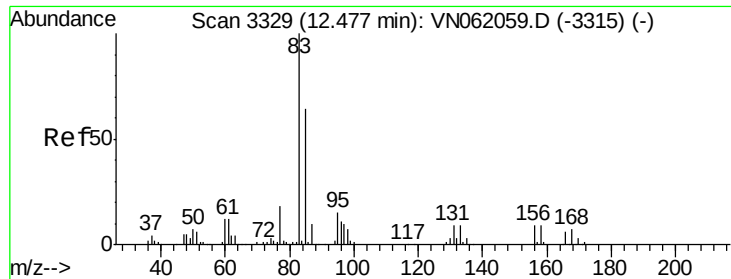
43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 39.026 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

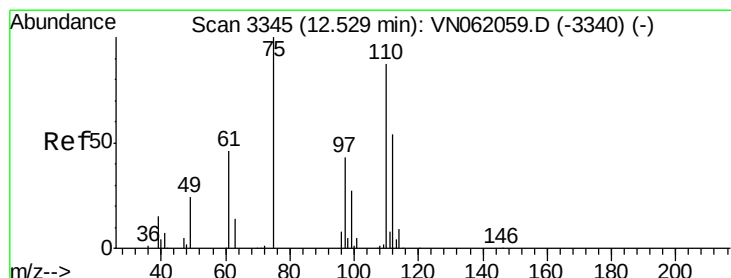
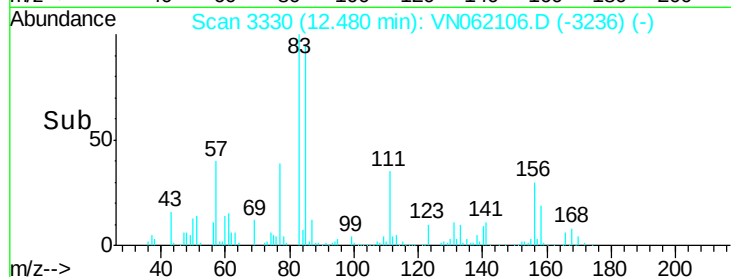
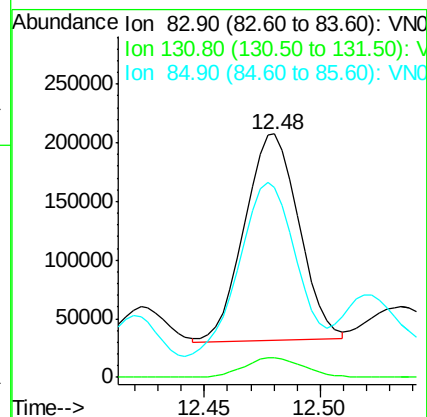
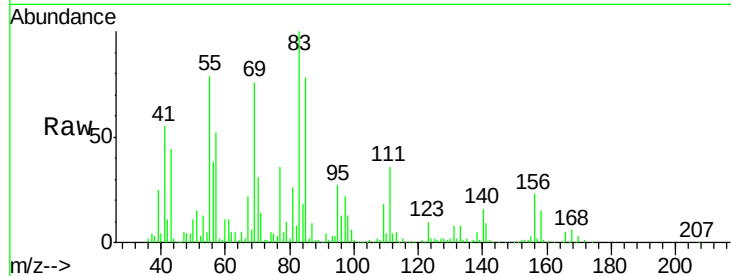
Tgt Ion: 83 Resp: 287844

Ion Ratio Lower Upper

83 100

131 10.5 4.8 14.4

85 101.5 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 61.718 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062106.D

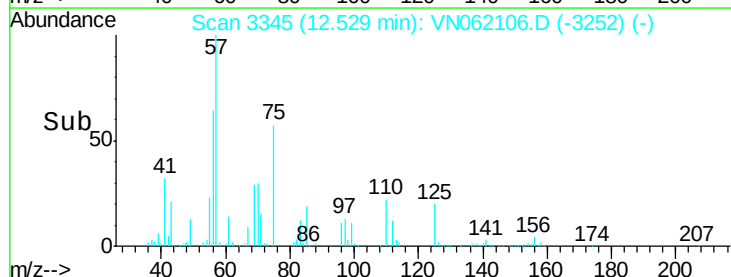
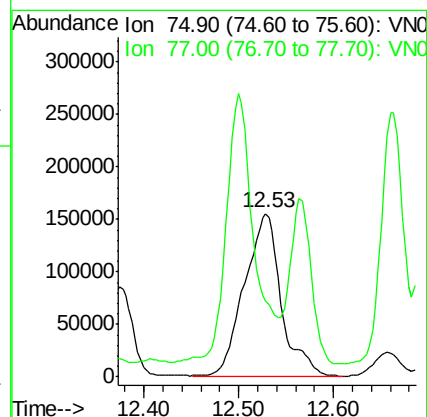
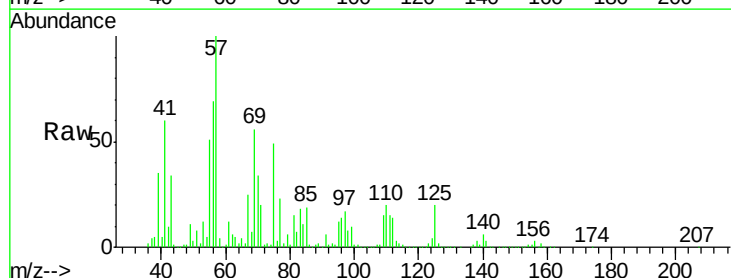
Acq: 25 Jun 2020 13:16

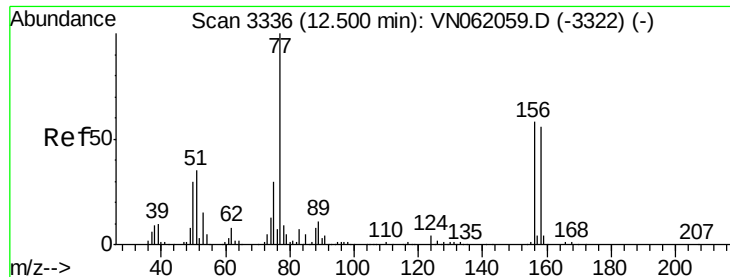
Tgt Ion: 75 Resp: 416003

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 71.817 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

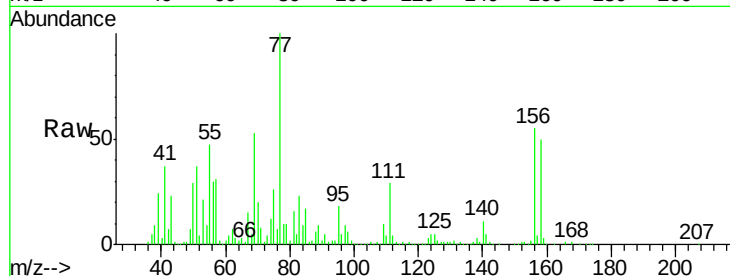
Tgt Ion:156 Resp: 395184

Ion Ratio Lower Upper

156 100

77 131.4 104.6 313.8

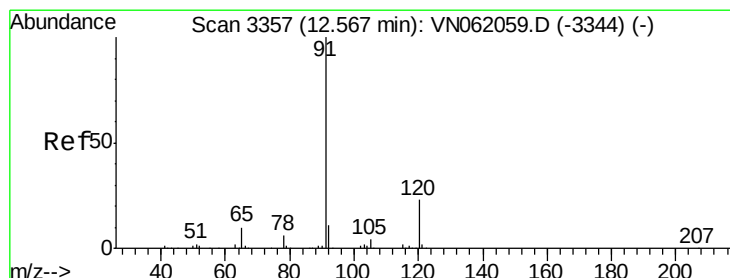
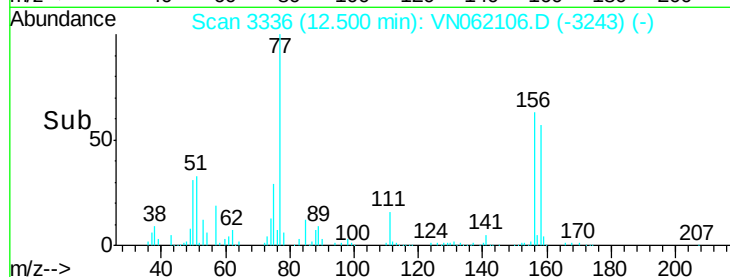
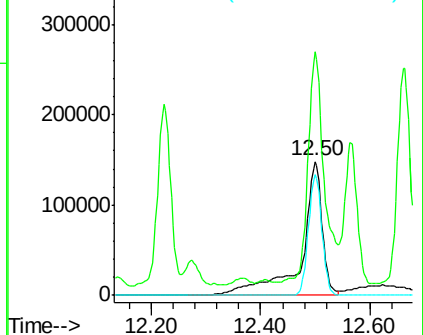
158 58.1 48.0 144.0



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: 201.196 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062106.D

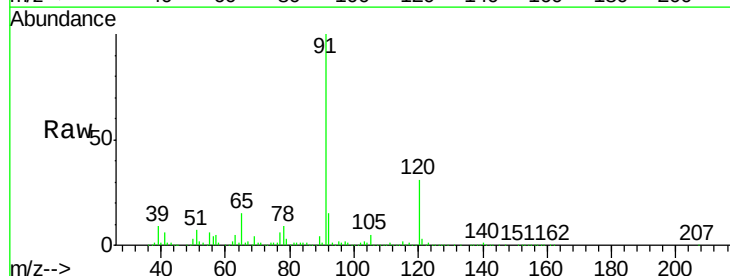
Acq: 25 Jun 2020 13:16

Tgt Ion: 91 Resp: 5100826

Ion Ratio Lower Upper

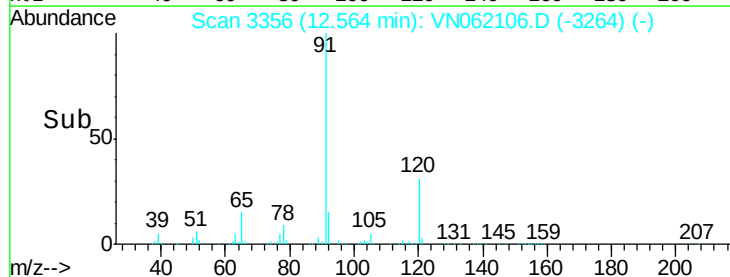
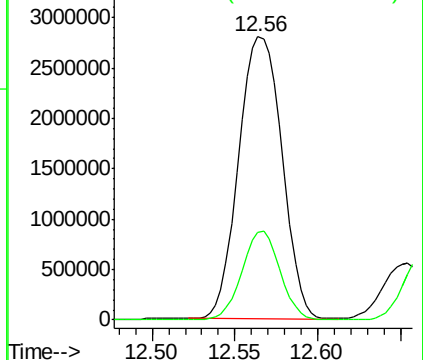
91 100

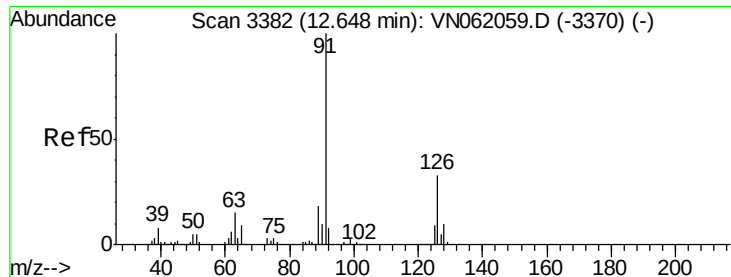
120 27.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

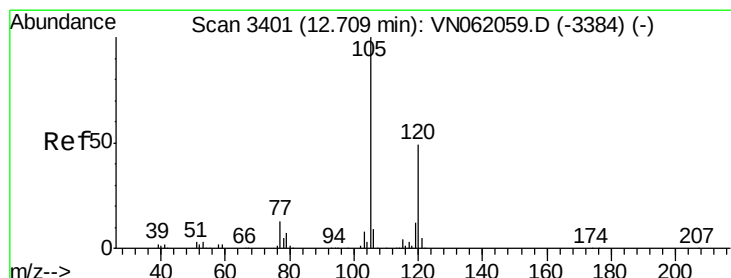
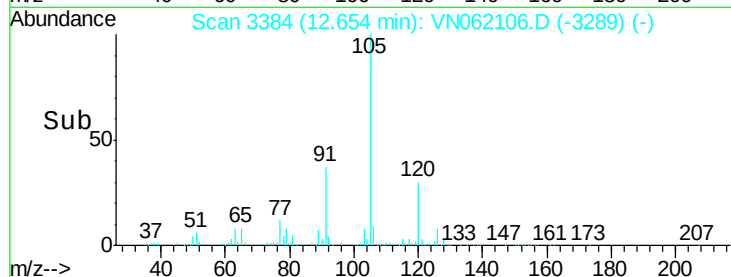
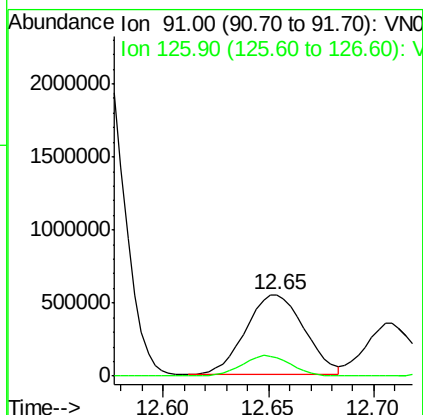
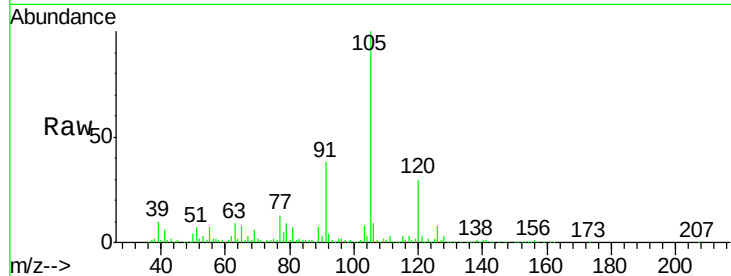




#79
 2-Chlorotoluene
 Concen: 69.026 ug/l
 RT: 12.65 min Scan# 3384
 Delta R.T. 0.01 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

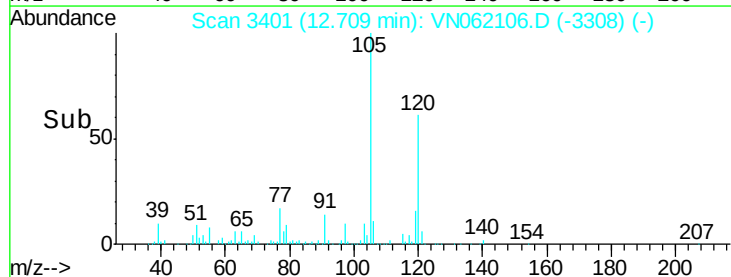
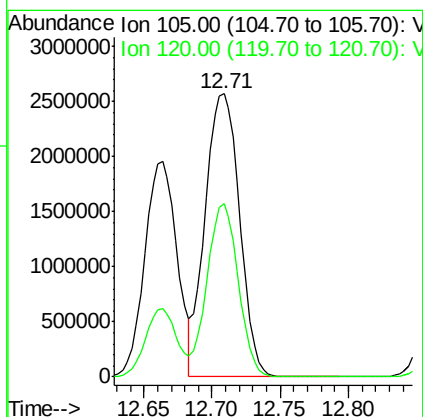
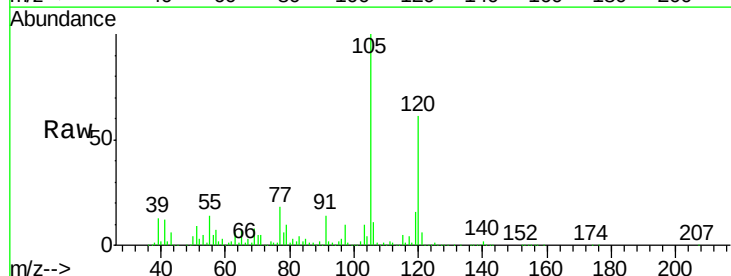
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

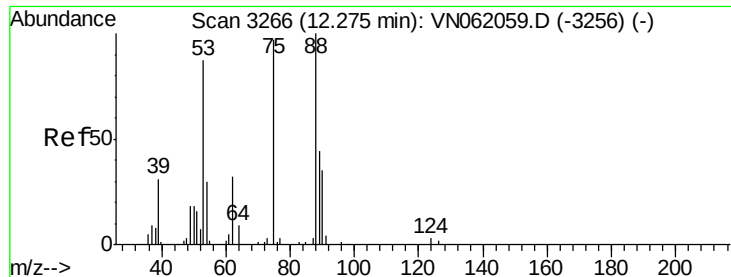
Tgt Ion: 91 Resp: 1057952
 Ion Ratio Lower Upper
 91 100
 126 21.8 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 250.611 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion: 105 Resp: 4502841
 Ion Ratio Lower Upper
 105 100
 120 55.4 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 38.229 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

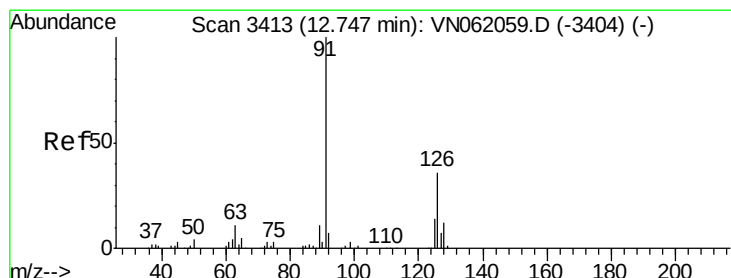
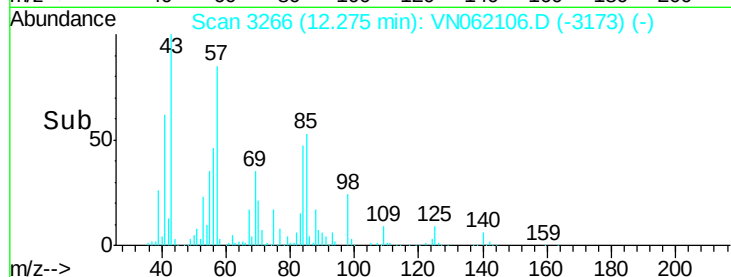
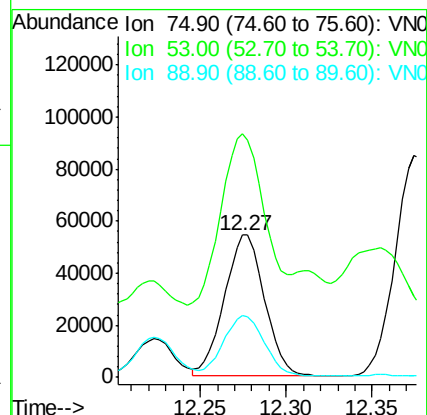
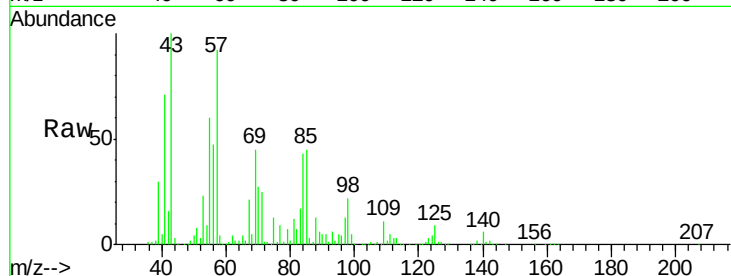
Tgt Ion: 75 Resp: 88235

Ion Ratio Lower Upper

75 100

53 128.7 72.0 108.0#

89 44.0 36.9 55.3



#82

4-Chlorotoluene

Concen: 46.977 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062106.D

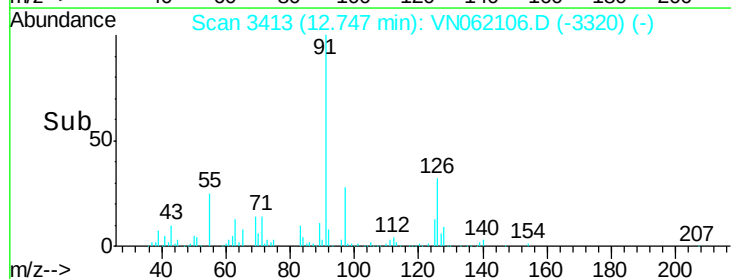
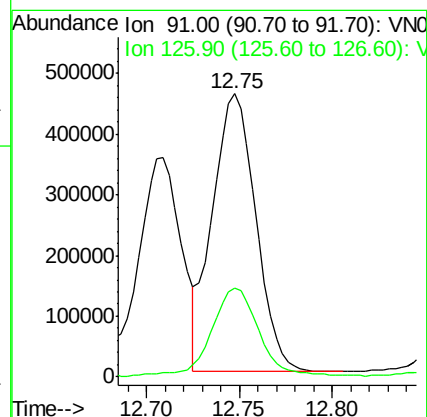
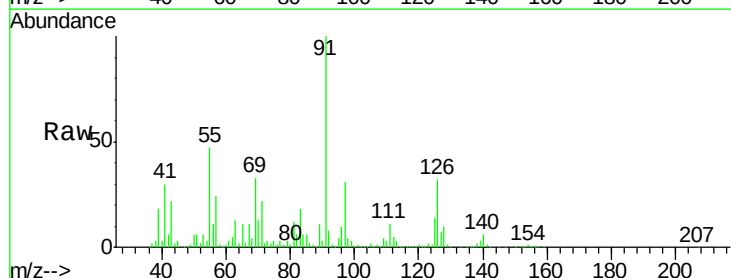
Acq: 25 Jun 2020 13:16

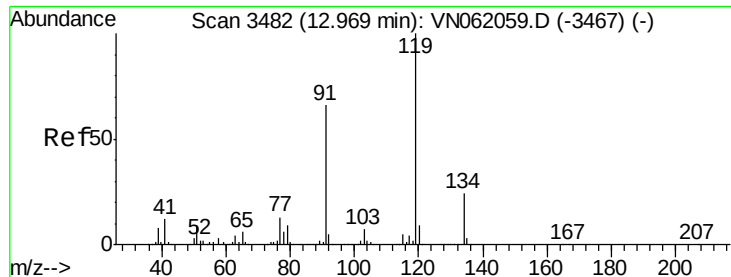
Tgt Ion: 91 Resp: 744562

Ion Ratio Lower Upper

91 100

126 34.4 16.7 50.1

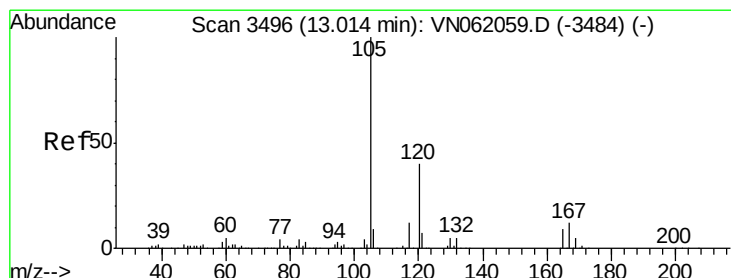
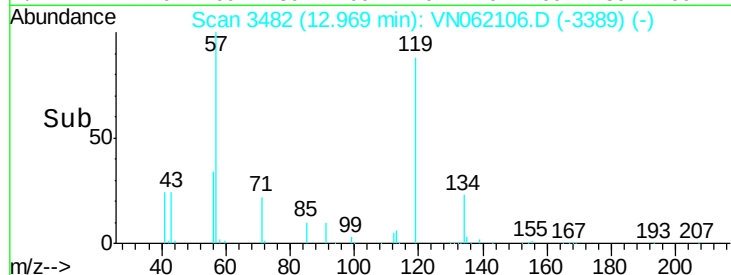
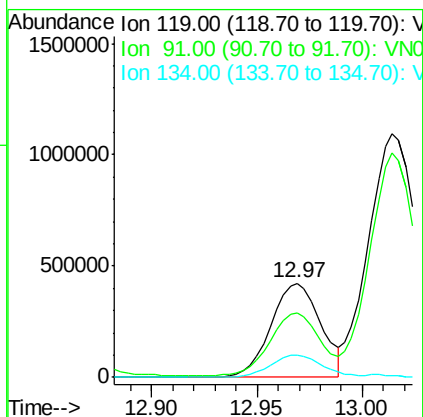
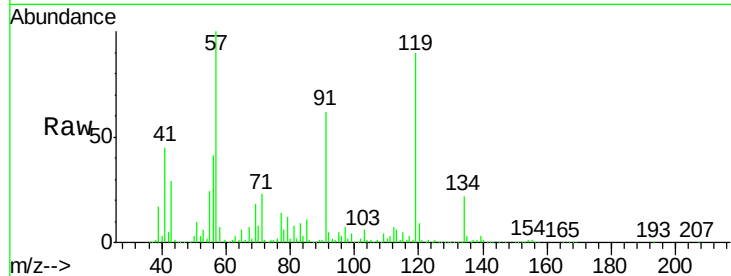




#83
 tert-Butylbenzene
 Concen: 45.143 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

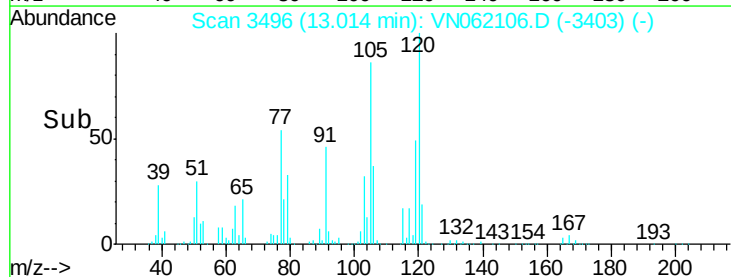
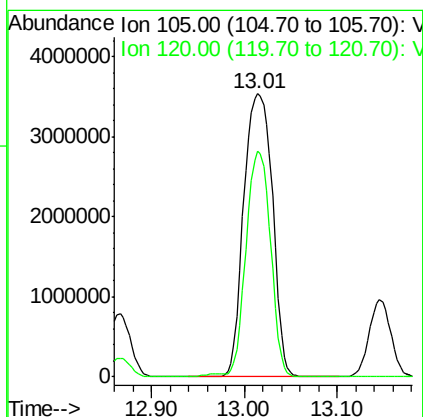
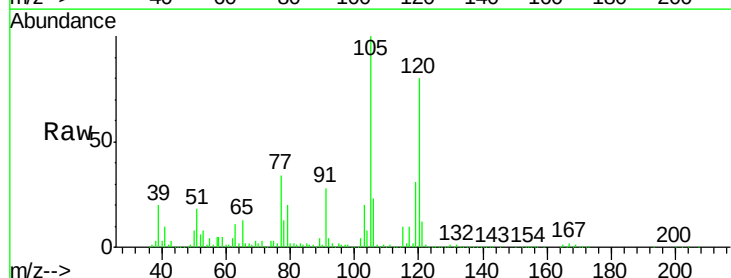
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

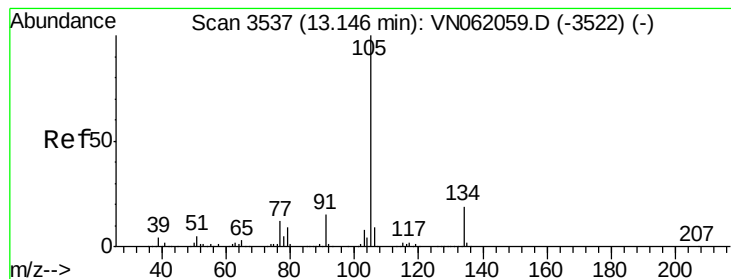
Tgt Ion:119 Resp: 694149
 Ion Ratio Lower Upper
 119 100
 91 66.4 31.7 95.1
 134 25.0 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 423.204 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion:105 Resp: 7594348
 Ion Ratio Lower Upper
 105 100
 120 68.1 23.2 69.5





#85

sec-Butylbenzene

Concen: 76.535 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

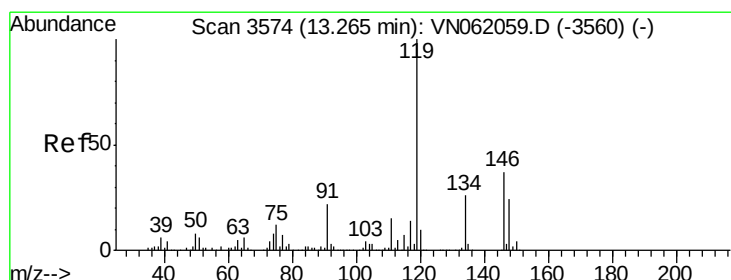
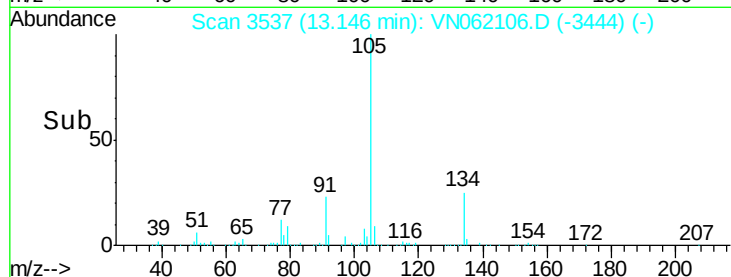
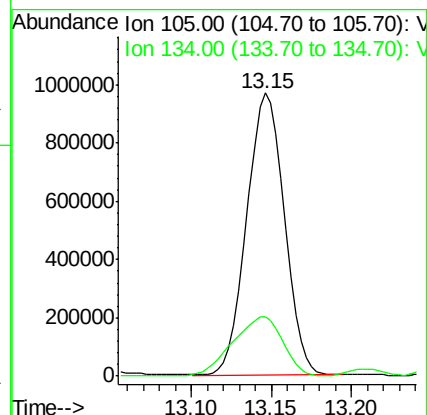
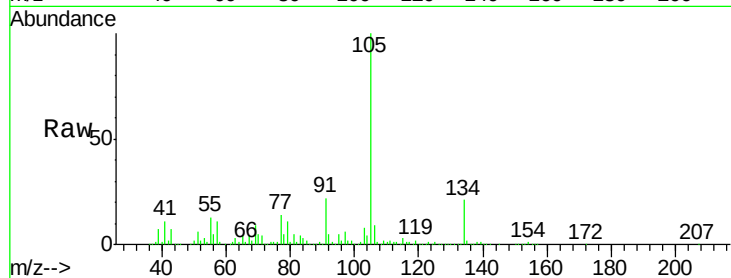
MW-27(16.5-18.5)MS

Tgt Ion:105 Resp: 1555062

Ion Ratio Lower Upper

105 100

134 28.3 9.7 29.1



#86

p-Isopropyltoluene

Concen: 65.167 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

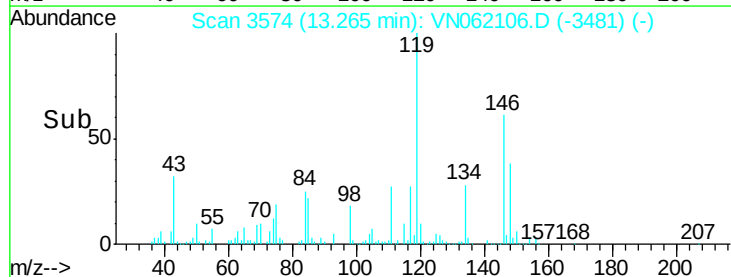
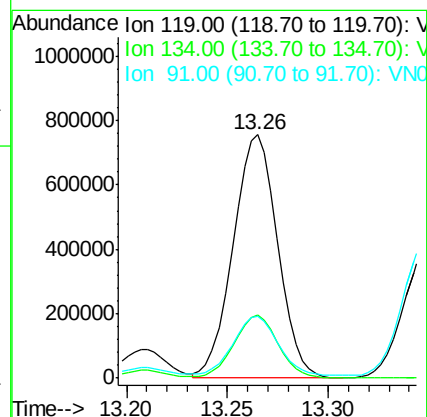
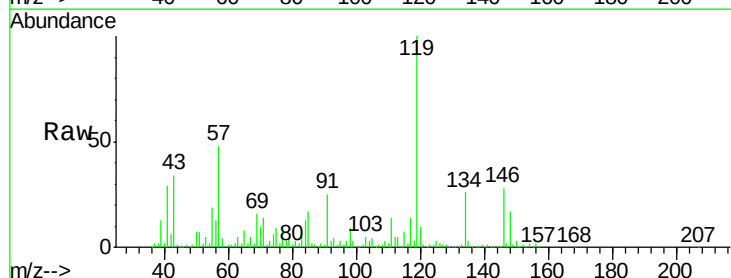
Tgt Ion:119 Resp: 1160051

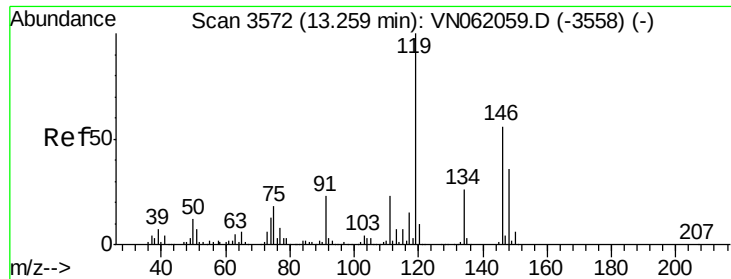
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 24.7 11.3 33.8

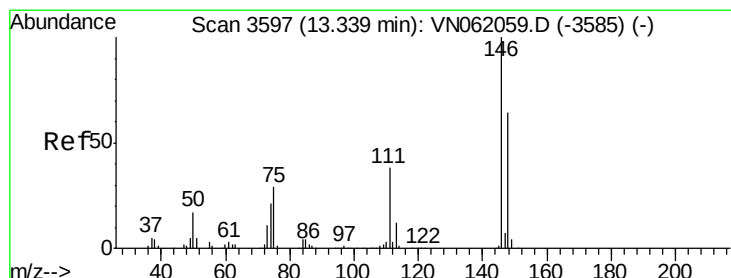
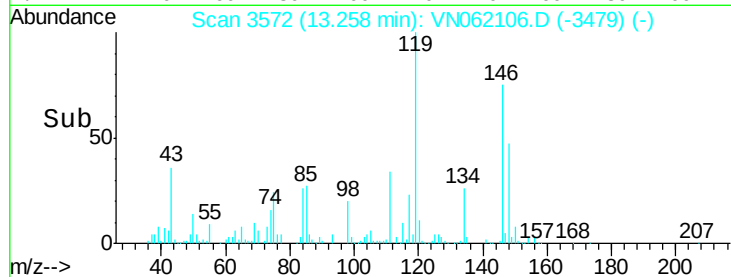
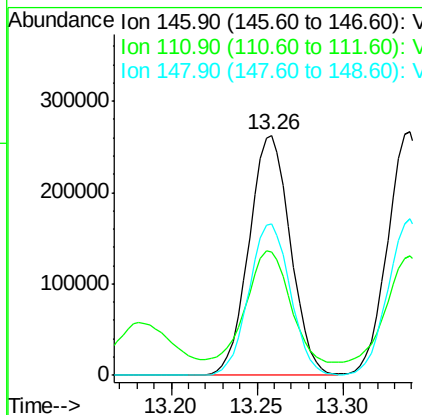
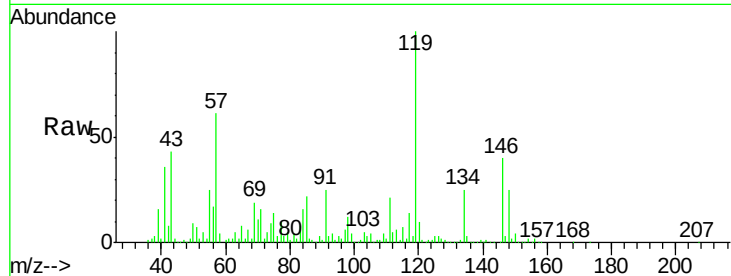




#87
 1,3-Dichlorobenzene
 Concen: 45.320 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

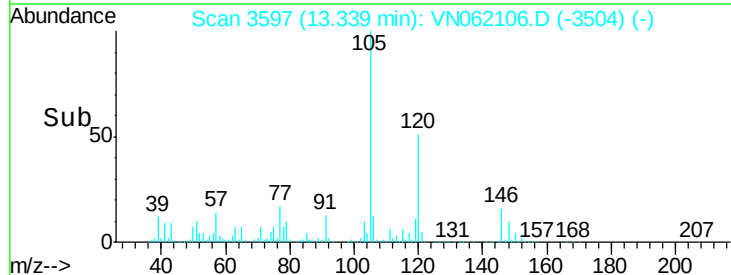
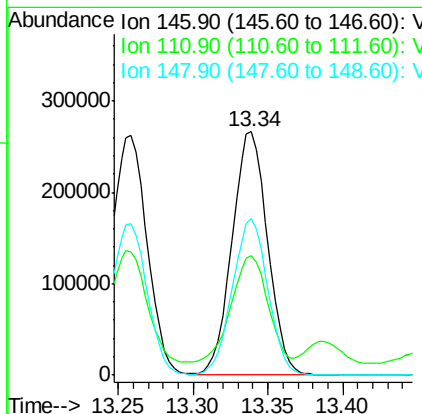
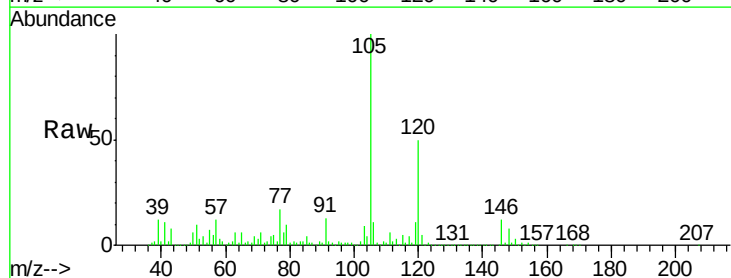
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

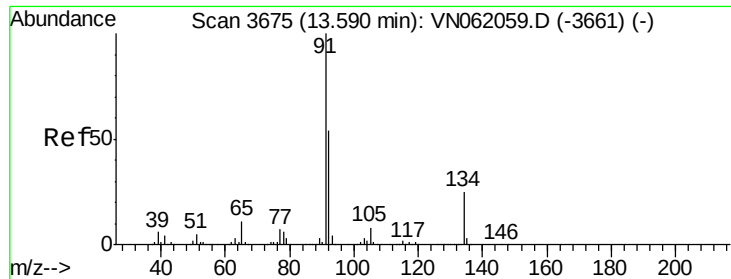
Tgt Ion:146 Resp: 437907
 Ion Ratio Lower Upper
 146 100
 111 48.3 20.3 61.0
 148 63.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 44.145 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion:146 Resp: 439701
 Ion Ratio Lower Upper
 146 100
 111 44.9 19.9 59.6
 148 64.4 31.9 95.9





#89

n-Butylbenzene

Concen: 232.928 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062106.D

Acq: 25 Jun 2020 13:16

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

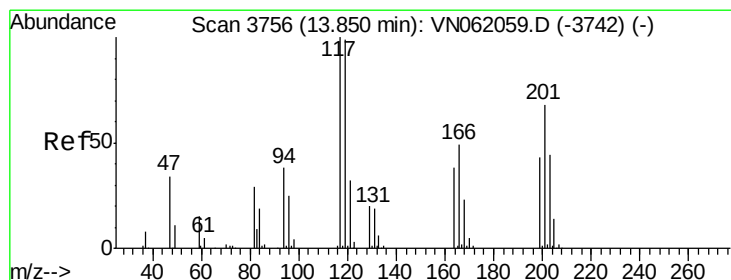
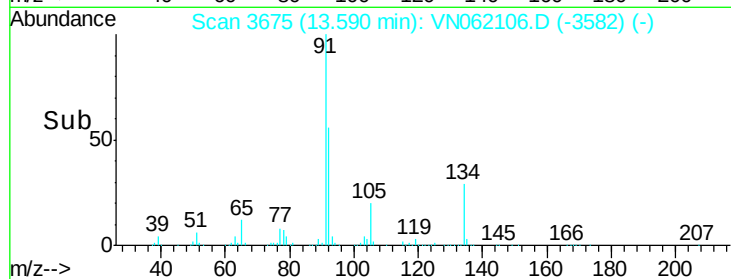
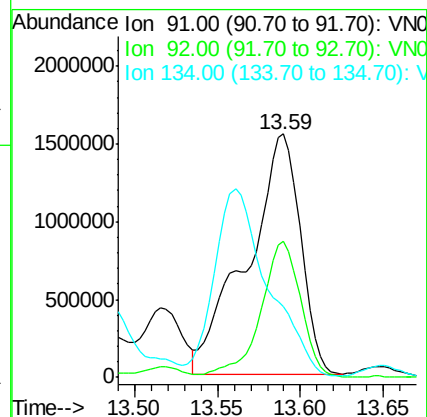
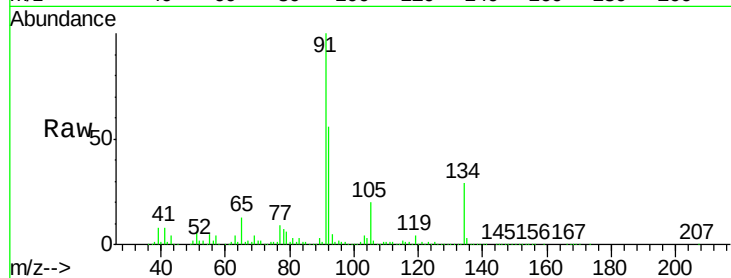
Tgt Ion: 91 Resp: 3447245

Ion Ratio Lower Upper

91 100

92 42.1 26.6 79.7

134 0.0 12.3 36.9#



#90

Hexachloroethane

Concen: 189.122 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN062106.D

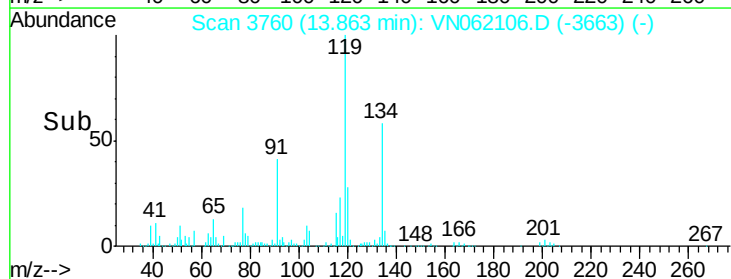
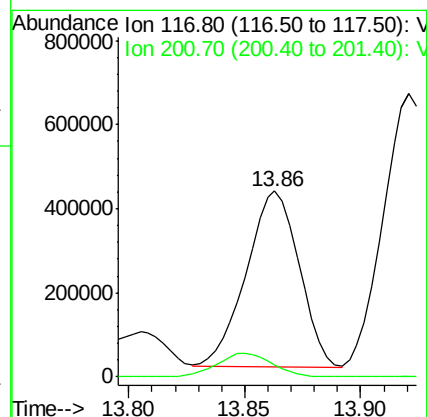
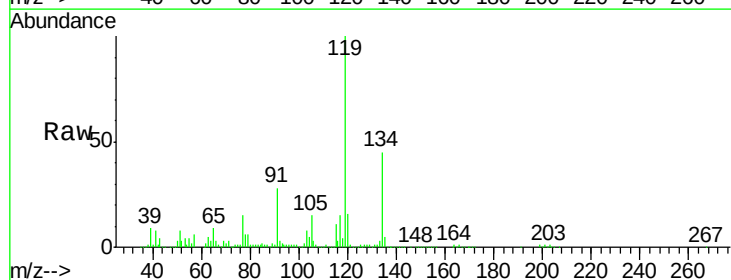
Acq: 25 Jun 2020 13:16

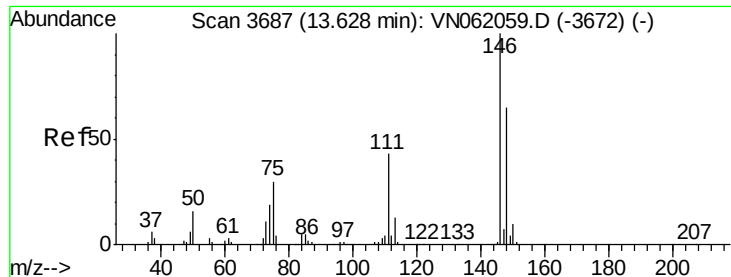
Tgt Ion: 117 Resp: 660524

Ion Ratio Lower Upper

117 100

201 14.4 32.7 98.1#

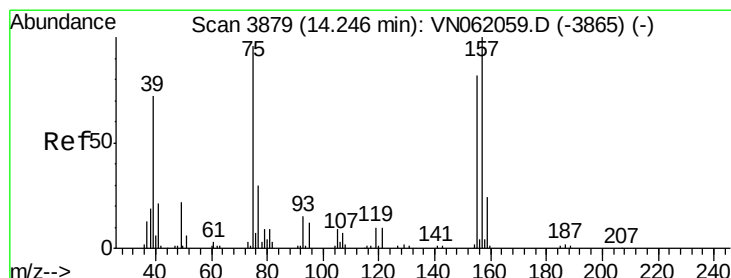
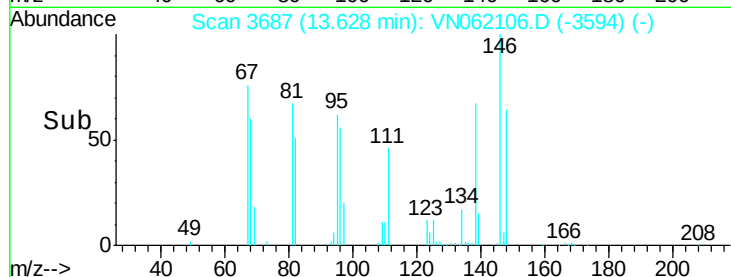
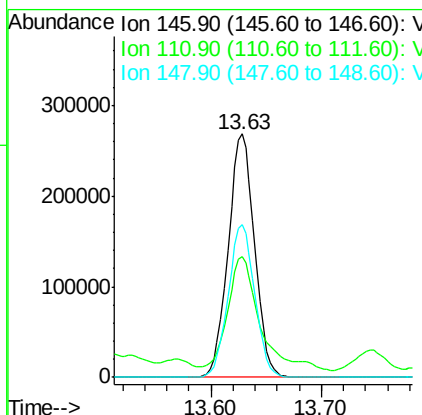
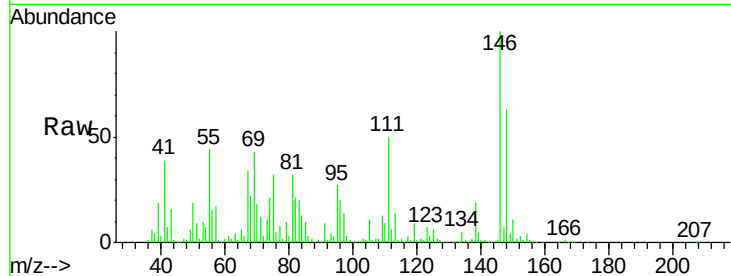




#91
 1,2-Dichlorobenzene
 Concen: 47.390 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

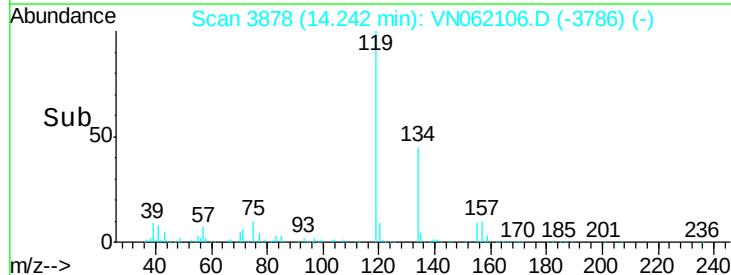
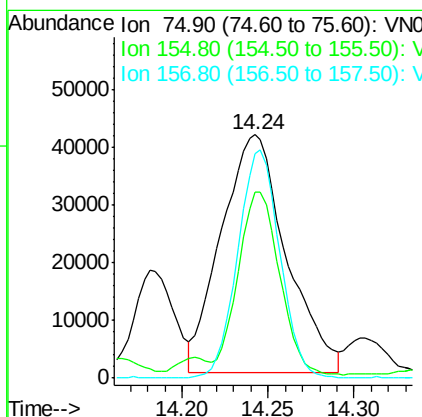
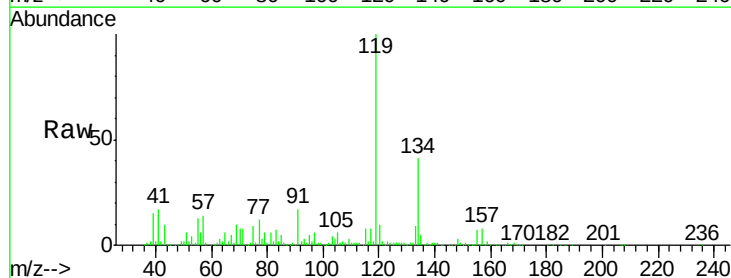
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

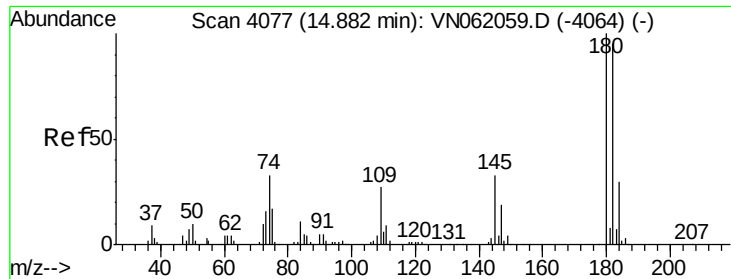
Tgt Ion:146 Resp: 444039
 Ion Ratio Lower Upper
 146 100
 111 56.2 21.2 63.6
 148 63.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 91.799 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion: 75 Resp: 108465
 Ion Ratio Lower Upper
 75 100
 155 49.2 40.8 122.4
 157 61.9 51.4 154.3

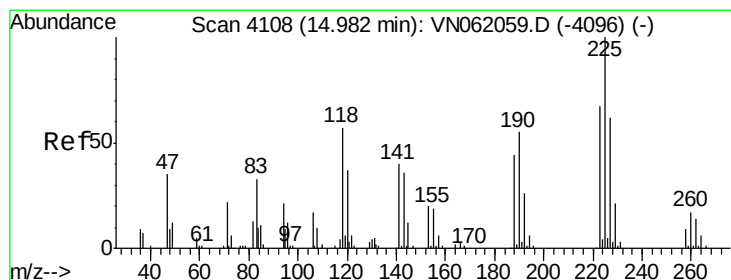
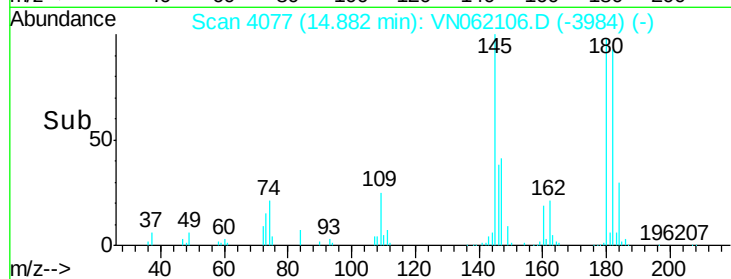
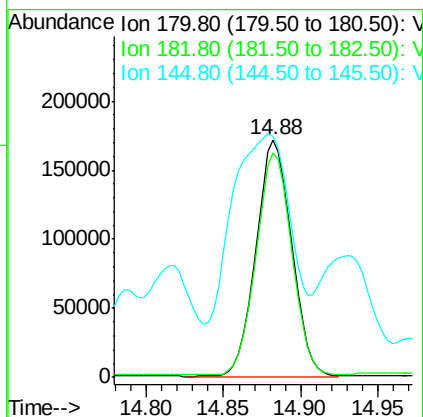
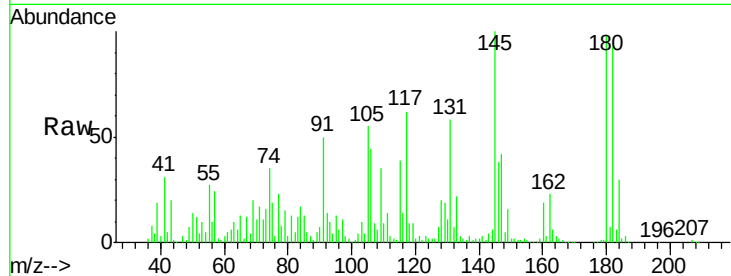




#93
 1,2,4-Trichlorobenzene
 Concen: 67.270 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

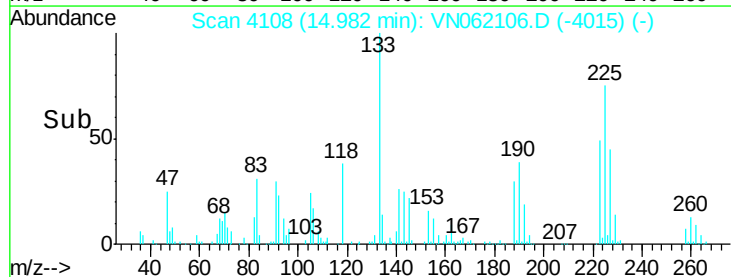
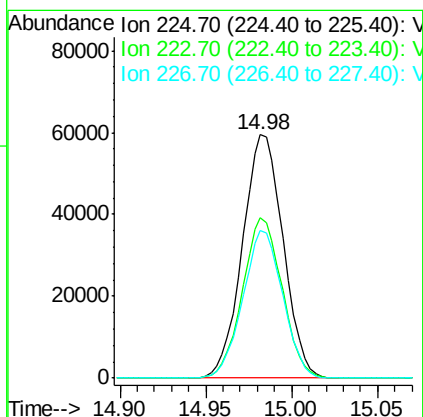
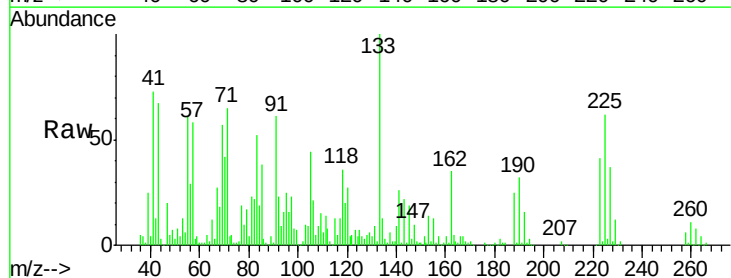
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

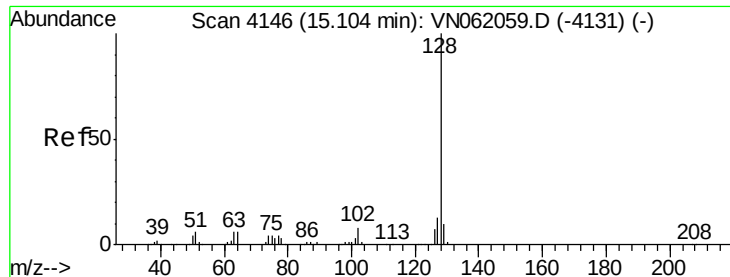
Tgt Ion:180 Resp: 275356
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.0 144.2
 145 152.5 16.0 48.0#



#94
 Hexachlorobutadiene
 Concen: 54.767 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062106.D
 Acq: 25 Jun 2020 13:16

Tgt Ion:225 Resp: 97367
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.9 98.7
 227 59.4 31.3 93.8

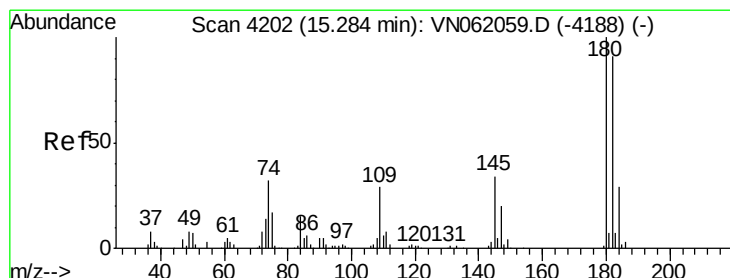
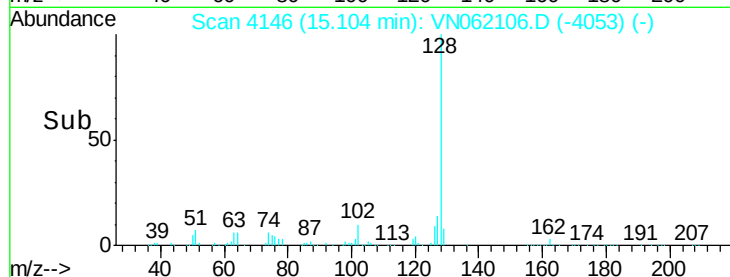
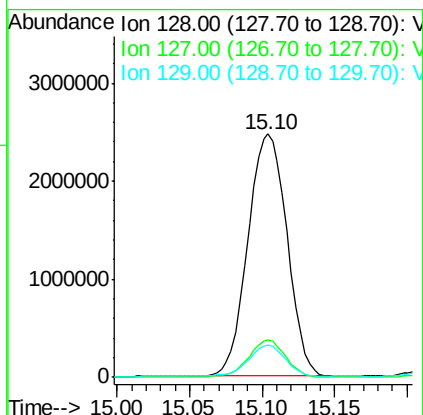
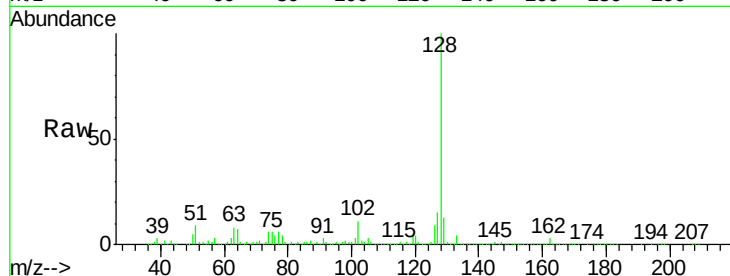




#95
Naphthalene
Concen: 316.770 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

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

Tgt Ion:128 Resp: 4639404
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 12.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 64.444 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062106.D
Acq: 25 Jun 2020 13:16

Tgt Ion:180 Resp: 269726
Ion Ratio Lower Upper
180 100
182 93.8 46.8 140.4
145 0.0 16.4 49.2#

