

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062370.D
 Acq On : 6 Jul 2020 17:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Jul 07 05:17:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	1110843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1860201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1758356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	861425	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	946299	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
35) Dibromofluoromethane	7.55	113	622847	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	10.06	98	2374838	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.37	95	913188	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	607030	48.290	ug/l	100
3) Chloromethane	2.03	50	874395	46.821	ug/l	99
4) Vinyl Chloride	2.16	62	736647	46.193	ug/l	100
5) Bromomethane	2.52	94	417072	50.433	ug/l	99
6) Chloroethane	2.66	64	443373	47.824	ug/l	97
7) Trichlorofluoromethane	2.98	101	1095622	49.776	ug/l	99
8) Diethyl Ether	3.37	74	407485	47.918	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	589818	47.958	ug/l	100
10) Methyl Iodide	3.91	142	714086	48.359	ug/l	99
11) Tert butyl alcohol	4.73	59	693581	249.322	ug/l	99
12) 1,1-Dichloroethene	3.69	96	546935	47.906	ug/l	99
13) Acrolein	3.56	56	254831	215.824	ug/l	99
14) Allyl chloride	4.27	41	1394028	50.104	ug/l	99
15) Acrylonitrile	4.93	53	1847518	252.866	ug/l	99
16) Acetone	3.77	43	1870280	201.891	ug/l	98
17) Carbon Disulfide	4.01	76	1669071	46.172	ug/l	100
18) Methyl Acetate	4.27	43	954532	51.707	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	2190132	50.125	ug/l	99
20) Methylene Chloride	4.50	84	686418	50.647	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	604657	47.957	ug/l	98
22) Diisopropyl ether	5.90	45	2797753	50.275	ug/l	99
23) Vinyl Acetate	5.84	43	11461732	257.008	ug/l	100
24) 1,1-Dichloroethane	5.79	63	1352993	49.062	ug/l	100
25) 2-Butanone	6.78	43	2843335	243.726	ug/l	100
26) 2,2-Dichloropropane	6.77	77	1108928	48.819	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	699251	48.416	ug/l	99
28) Bromochloromethane	7.14	49	785082	50.945	ug/l	97
29) Tetrahydrofuran	7.16	42	1901758	256.479	ug/l	99
30) Chloroform	7.33	83	1284869	47.876	ug/l	97
31) Cyclohexane	7.61	56	1214463	47.663	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	1100695	48.809	ug/l	100
36) 1,1-Dichloropropene	7.75	75	973656	49.812	ug/l	99
37) Ethyl Acetate	6.88	43	1199729	51.738	ug/l	98
38) Carbon Tetrachloride	7.73	117	977878	49.749	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	1052734	50.081	ug/l	96
40) Benzene	8.00	78	2772606	49.932	ug/l	99
41) Methacrylonitrile	7.12	41	547696	46.791	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	1203249	49.182	ug/l	100
43) Isopropyl Acetate	8.12	43	1986659	51.258	ug/l	99
44) Trichloroethene	8.80	130	654061	49.270	ug/l	98
45) 1,2-Dichloropropane	9.08	63	812478	49.917	ug/l	100
46) Dibromomethane	9.17	93	501162	49.748	ug/l	99
47) Bromodichloromethane	9.37	83	1047975	48.805	ug/l	99
48) Methyl methacrylate	9.17	41	1001710	50.638	ug/l	100
49) 1,4-Dioxane	9.17	88	259588	966.261	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	5696545	259.204	ug/l	100
52) Toluene	10.12	92	1711420	51.541	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	1192036	51.594	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	1239927	50.296	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	667391	50.156	ug/l	98
56) Ethyl methacrylate	10.40	69	1124295	52.460	ug/l	99
57) 1,3-Dichloropropane	10.68	76	1214131	49.134	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	2058112	266.997	ug/l	99
59) 2-Hexanone	10.72	43	4324369	275.286	ug/l	99
60) Dibromochloromethane	10.87	129	769866	50.807	ug/l	99
61) 1,2-Dibromoethane	10.98	107	684198	50.087	ug/l	98
64) Tetrachloroethene	10.60	164	537327	47.494	ug/l	96
65) Chlorobenzene	11.40	112	1777729	49.295	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	685530	50.553	ug/l	99
67) Ethyl Benzene	11.48	91	3317356	52.094	ug/l	99
68) m/p-Xylenes	11.59	106	2473729	105.685	ug/l	100
69) o-Xylene	11.92	106	1178238	51.177	ug/l	99
70) Styrene	11.94	104	2036325	53.526	ug/l	99
71) Bromoform	12.10	173	529567	49.738	ug/l #	99
73) Isopropylbenzene	12.22	105	3195932	49.934	ug/l	100
74) N-amyl acetate	12.04	43	1784992	52.129	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	1050405	47.132	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	1410250	67.778	ug/l #	100
77) Bromobenzene	12.50	156	751754	49.917	ug/l	96
78) n-propylbenzene	12.56	91	3785929	50.567	ug/l	100
79) 2-Chlorotoluene	12.65	91	2281817	49.321	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2749202	51.300	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	358893	49.327	ug/l	100
82) 4-Chlorotoluene	12.75	91	2398431	50.685	ug/l	99
83) tert-Butylbenzene	12.97	119	2322880	51.147	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	2746039	51.834	ug/l	100
85) sec-Butylbenzene	13.15	105	3078583	52.919	ug/l	99
86) p-Isopropyltoluene	13.26	119	2780629	53.034	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1366865	50.428	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1369651	48.897	ug/l	100
89) n-Butylbenzene	13.59	91	2466702	54.483	ug/l	100
90) Hexachloroethane	13.85	117	518191	46.219	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	1332155	51.320	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	202868	46.448	ug/l	96

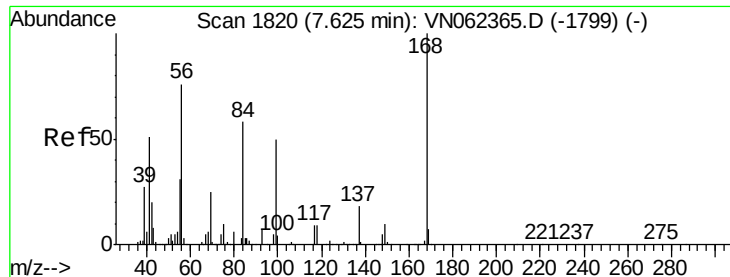
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	662757	48.135	ug/l	99
94) Hexachlorobutadiene	14.98	225	360768	52.597	ug/l	98
95) Naphthalene	15.10	128	1750266	47.781	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	654367	52.374	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

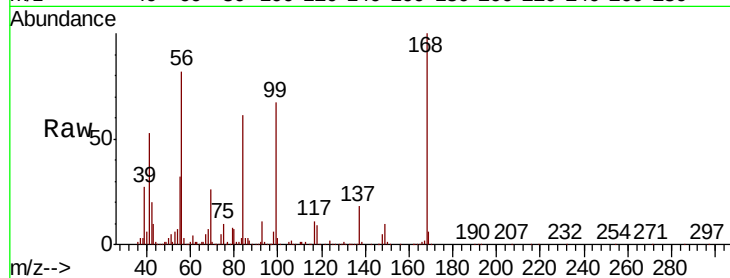
BFB

Tot Ion:168 Resp: 1110843

Ion Ratio Lower Upper

168 100

99 66.3 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062370.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062370.D (-1727) (-)

7.62

500000

400000

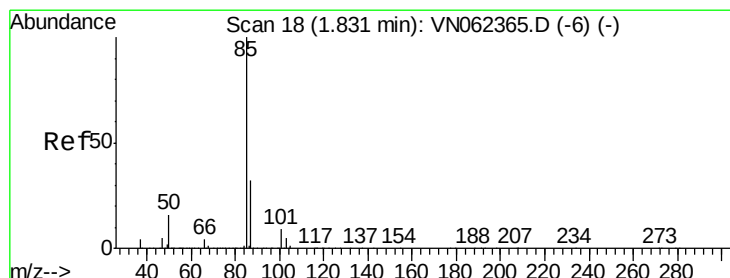
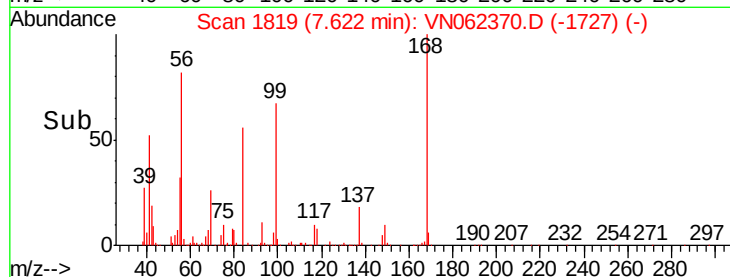
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.290 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062370.D

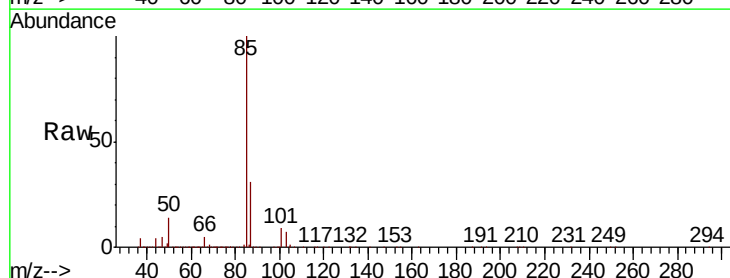
Acq: 6 Jul 2020 17:54

Tgt Ion: 85 Resp: 607030

Ion Ratio Lower Upper

85 100

87 31.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN062370.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN062370.D (-1) (-)

1.83

500000

400000

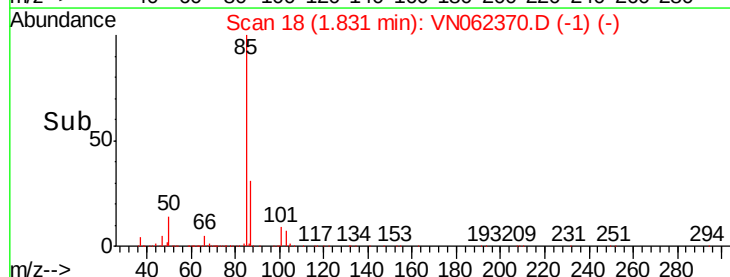
300000

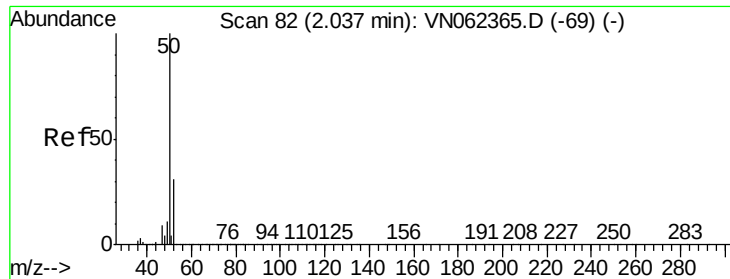
200000

100000

0

Time-->





#3

Chloromethane

Concen: 46.821 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

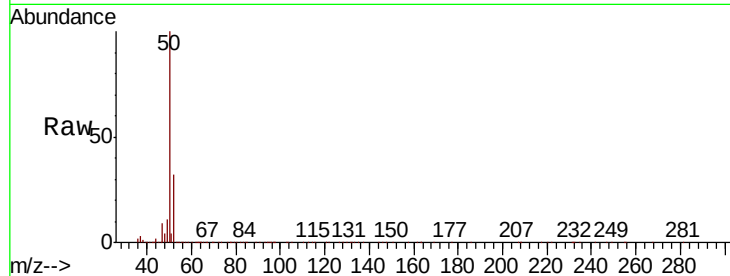
BFB

Tot Ion: 50 Resp: 874395

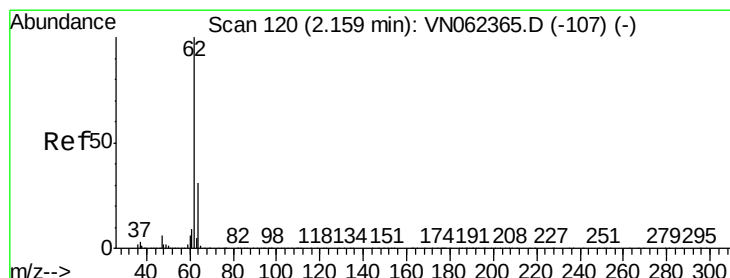
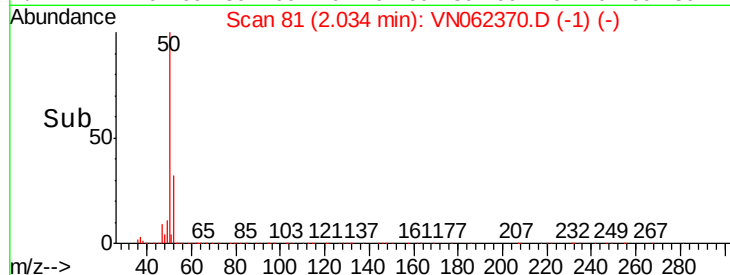
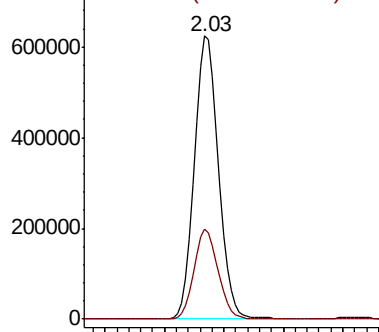
Ion Ratio Lower Upper

50 100

52 31.9 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 46.193 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062370.D

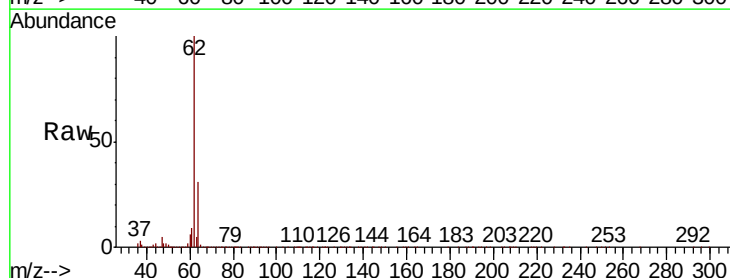
Acq: 6 Jul 2020 17:54

Tgt Ion: 62 Resp: 736647

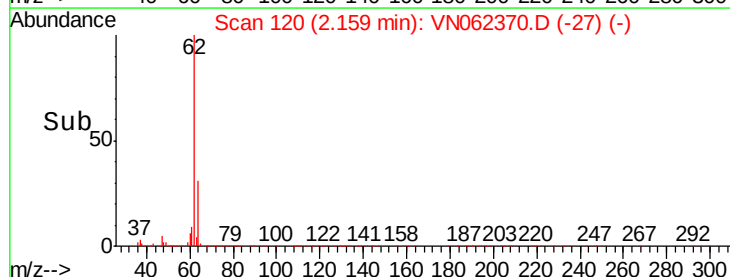
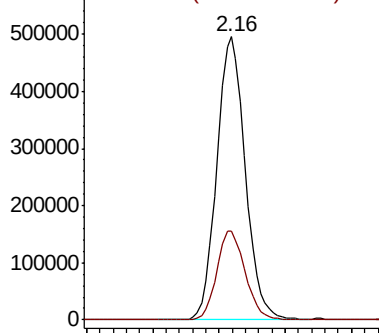
Ion Ratio Lower Upper

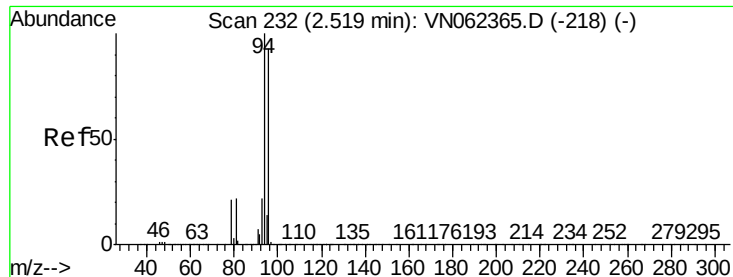
62 100

64 31.4 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 50.433 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

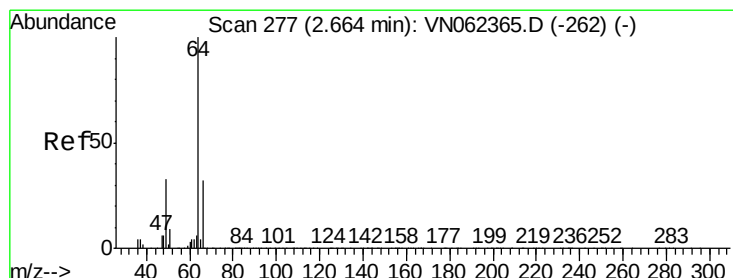
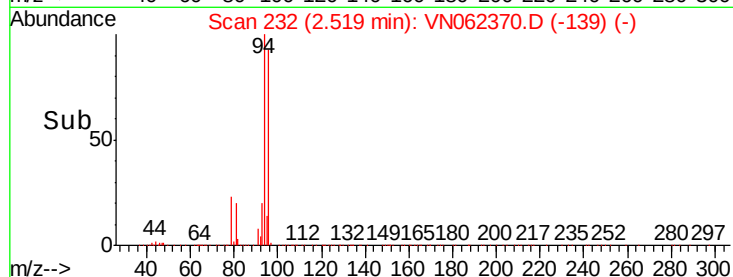
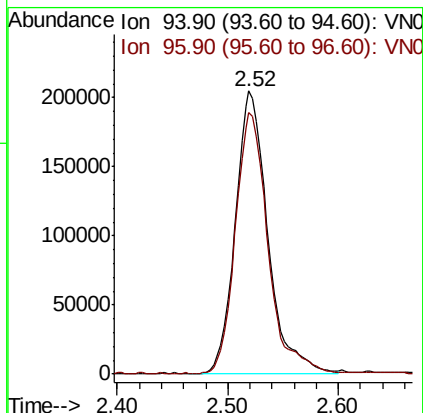
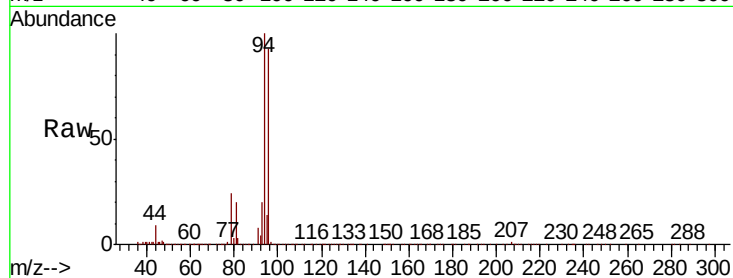
BFB

Tot Ion: 94 Resp: 417072

Ion Ratio Lower Upper

94 100

96 92.5 74.7 112.1



#6

Chloroethane

Concen: 47.824 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062370.D

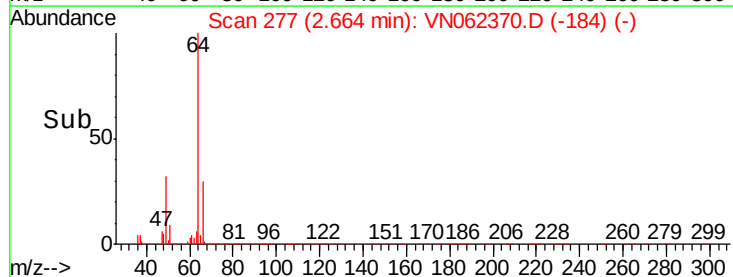
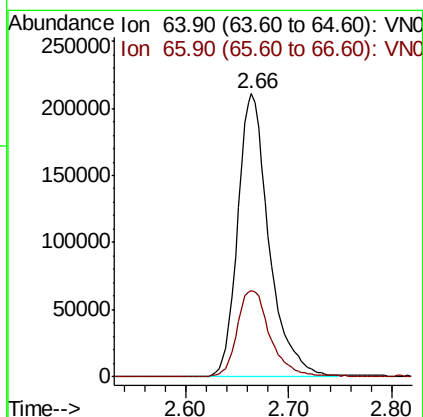
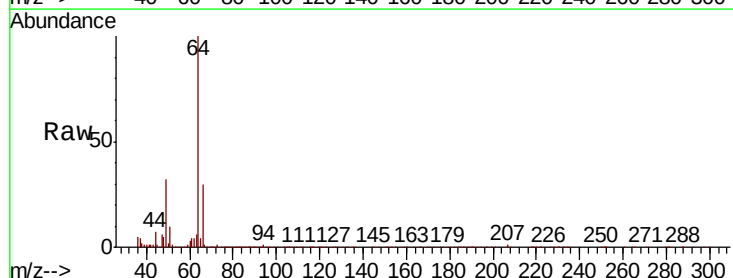
Acq: 6 Jul 2020 17:54

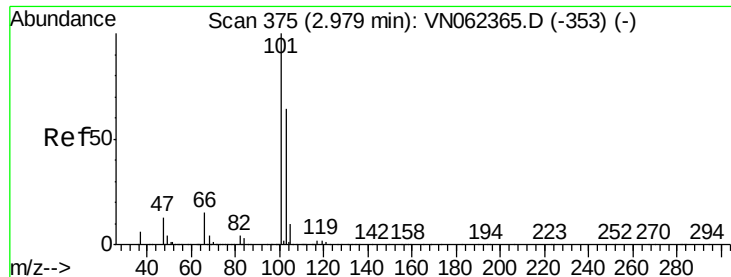
Tgt Ion: 64 Resp: 443373

Ion Ratio Lower Upper

64 100

66 30.2 25.7 38.5



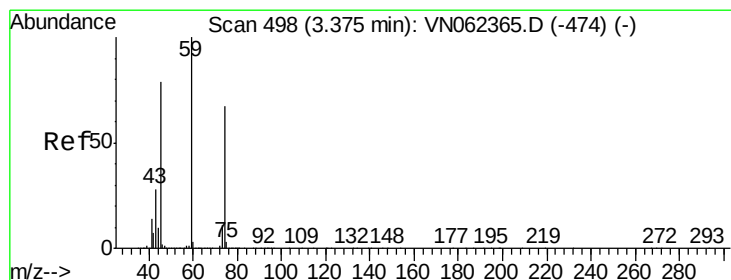
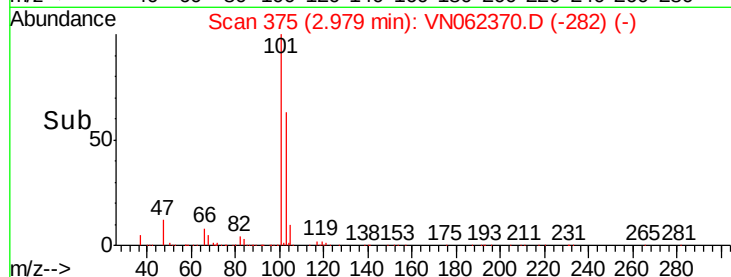
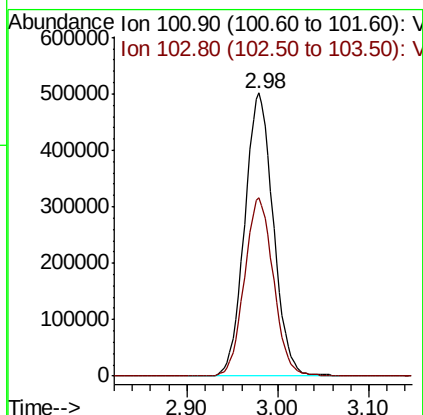
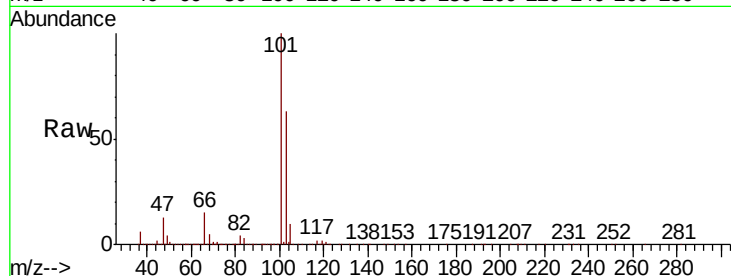


#7

Trichlorofluoromethane
Concen: 49.776 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampled :
BFB

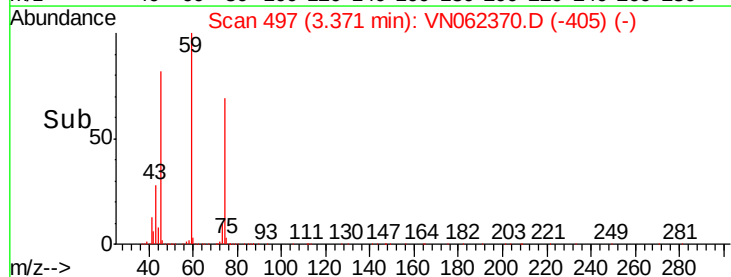
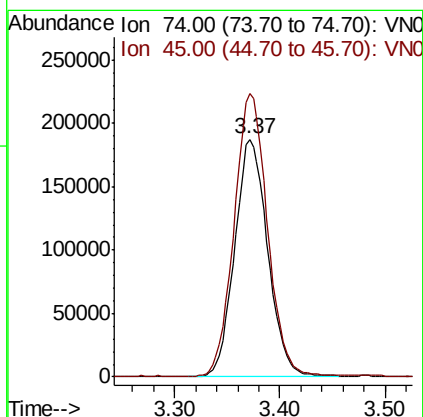
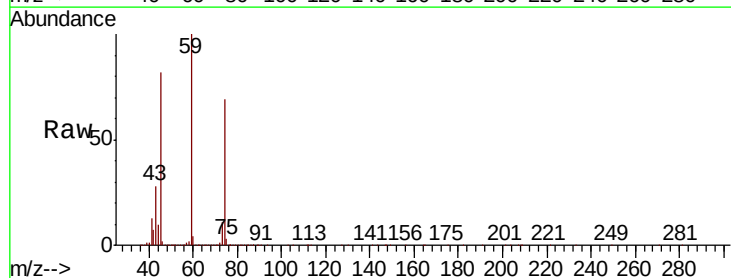
Tot Ion:101 Resp: 1095622
Ion Ratio Lower Upper
101 100
103 62.9 51.0 76.6

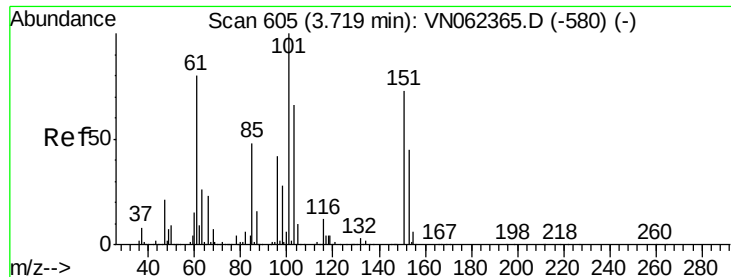


#8

Diethyl Ether
Concen: 47.918 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 74 Resp: 407485
Ion Ratio Lower Upper
74 100
45 119.8 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.958 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampled :

BFB

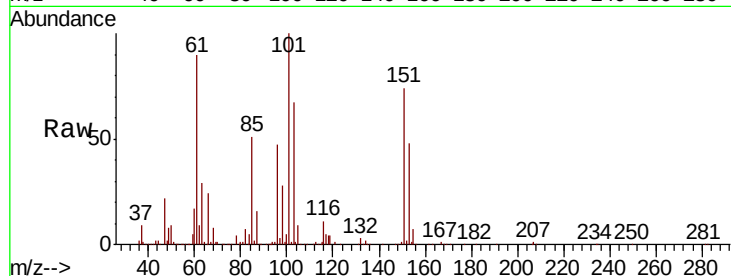
Tot Ion:101 Resp: 589818

Ion Ratio Lower Upper

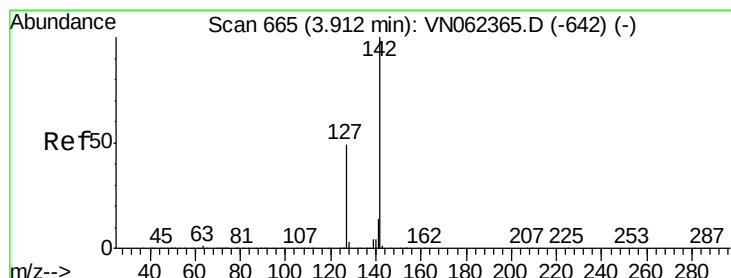
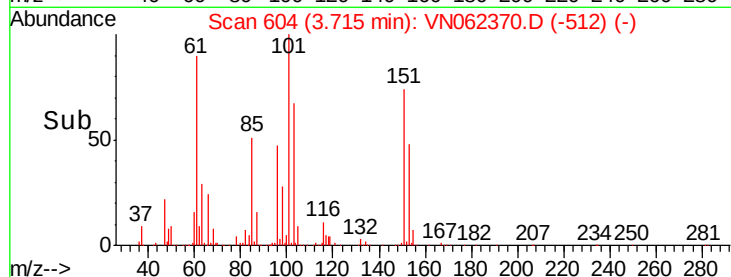
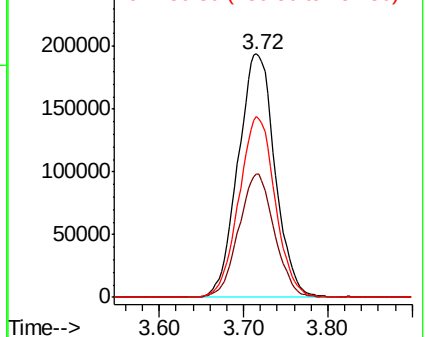
101 100

85 48.9 38.6 57.8

151 72.8 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.359 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.01 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

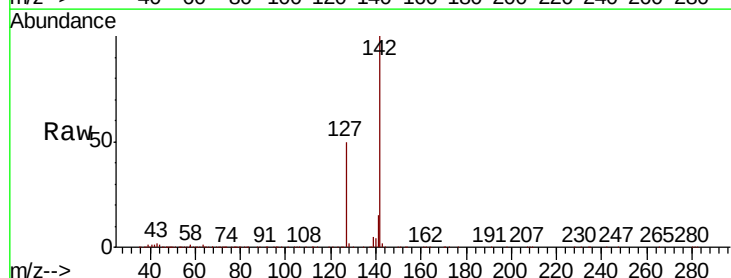
Tgt Ion:142 Resp: 714086

Ion Ratio Lower Upper

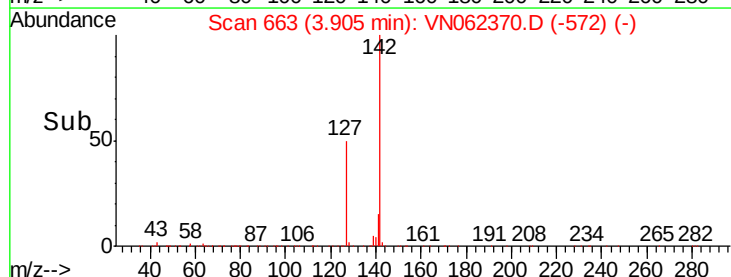
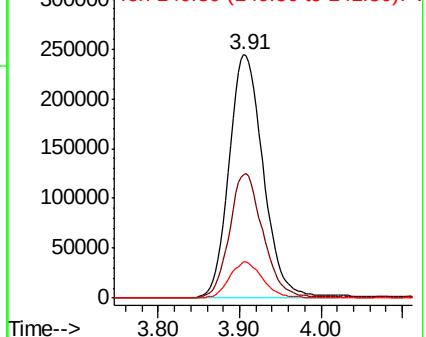
142 100

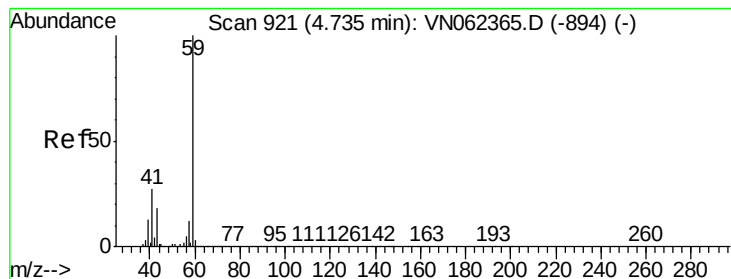
127 50.5 41.0 61.6

141 14.6 11.8 17.8



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



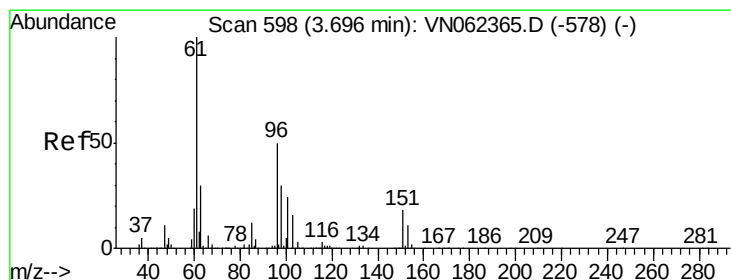
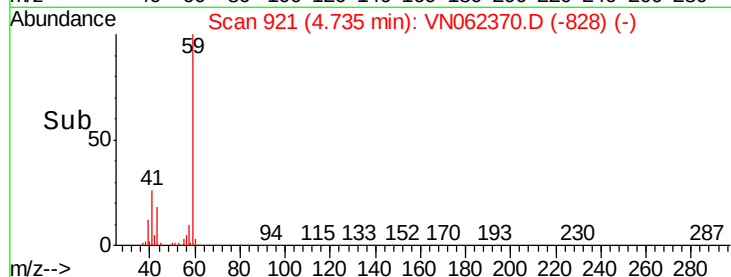
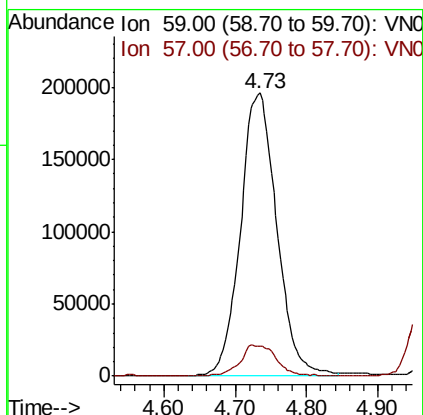
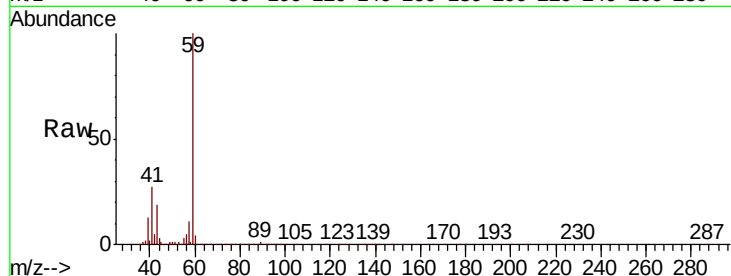


#11

Tert butyl alcohol
 Concen: 249.322 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

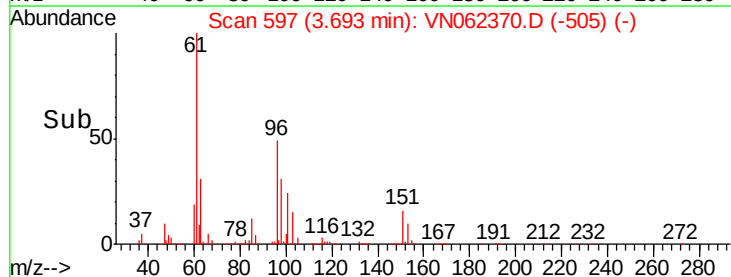
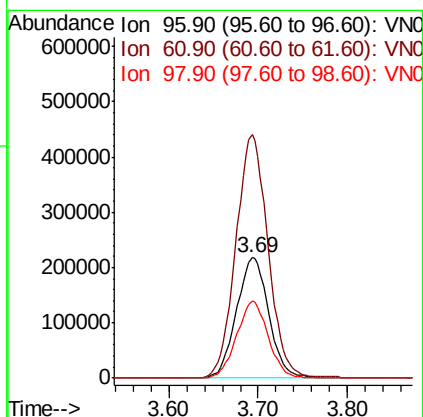
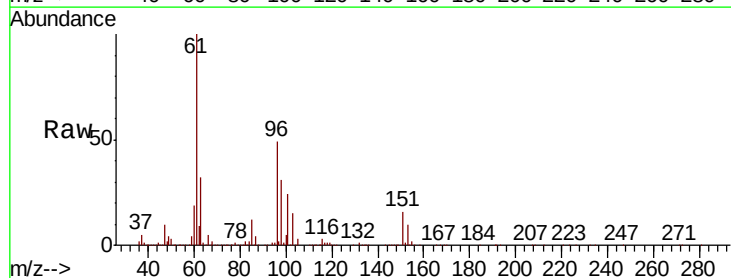
Tot Ion: 59 Resp: 693581
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.5 12.7

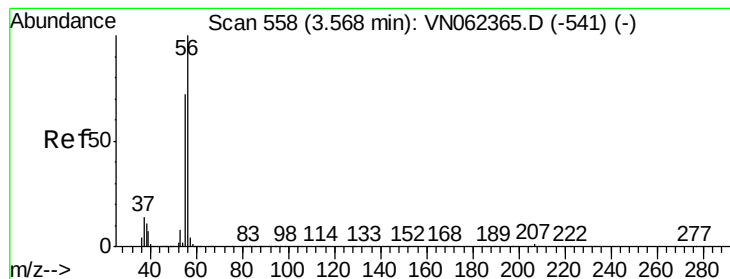


#12

1,1-Dichloroethene
 Concen: 47.906 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion: 96 Resp: 546935
 Ion Ratio Lower Upper
 96 100
 61 202.2 161.4 242.0
 98 63.5 48.8 73.2





#13

Acrolein

Concen: 215.824 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

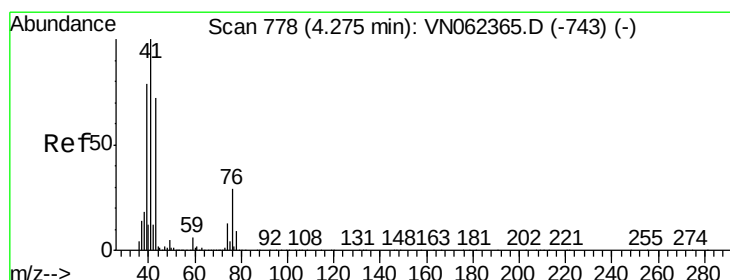
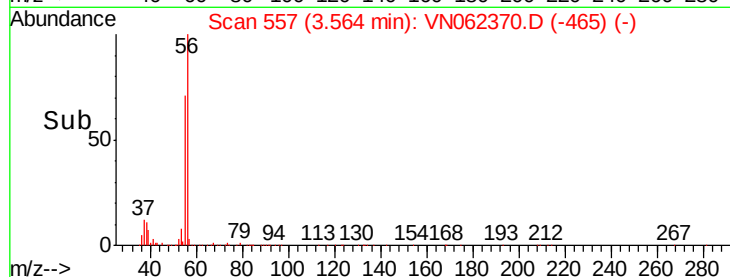
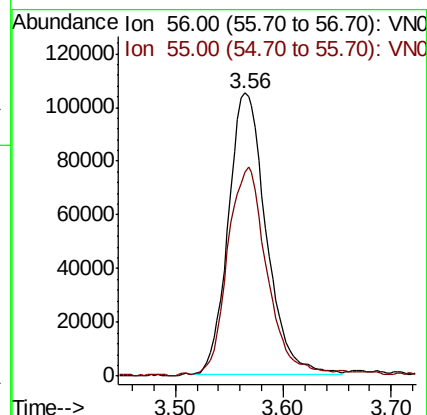
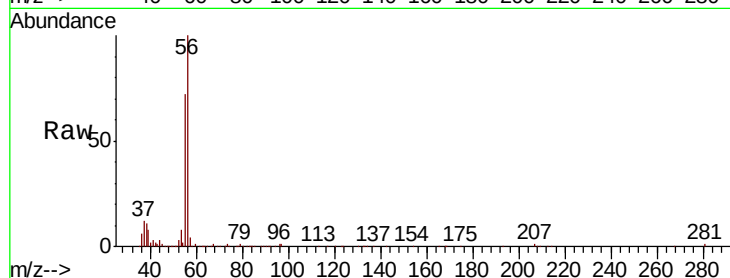
BFB

Tot Ion: 56 Resp: 254831

Ion Ratio Lower Upper

56 100

55 75.5 59.6 89.4



#14

Allyl chloride

Concen: 50.104 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

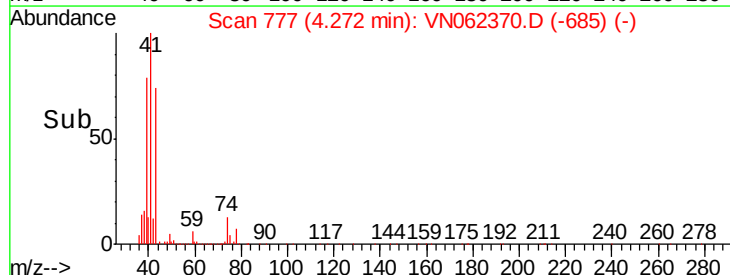
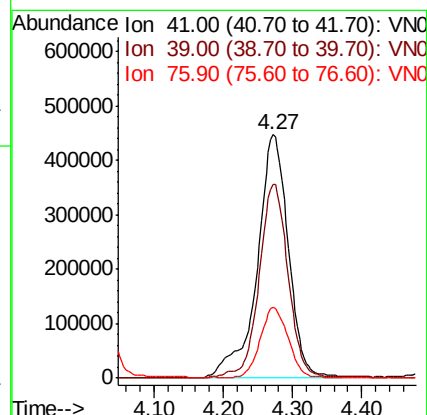
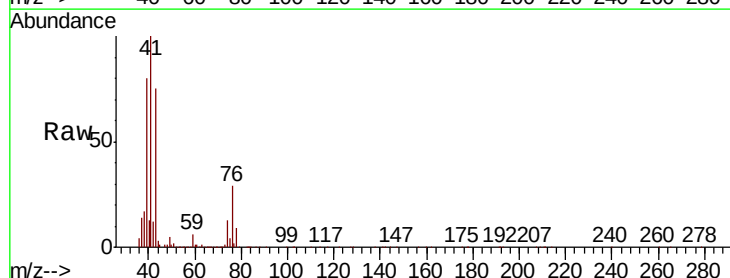
Tgt Ion: 41 Resp: 1394028

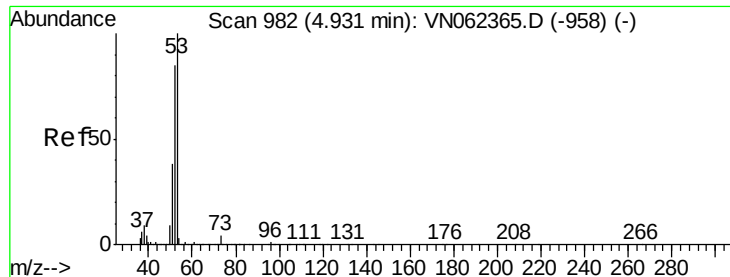
Ion Ratio Lower Upper

41 100

39 73.7 59.8 89.6

76 25.9 20.7 31.1





#15

Acrylonitrile

Concen: 252.866 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampled :

BFB

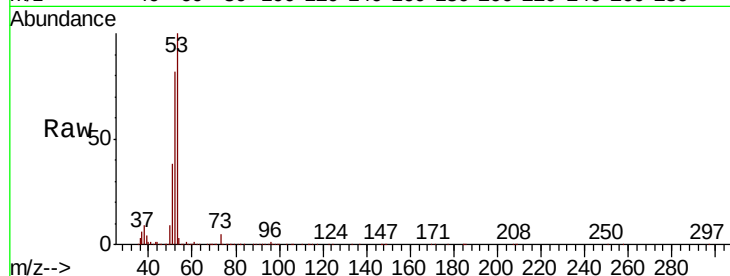
Tot Ion: 53 Resp: 1847518

Ion Ratio Lower Upper

53 100

52 83.2 67.6 101.4

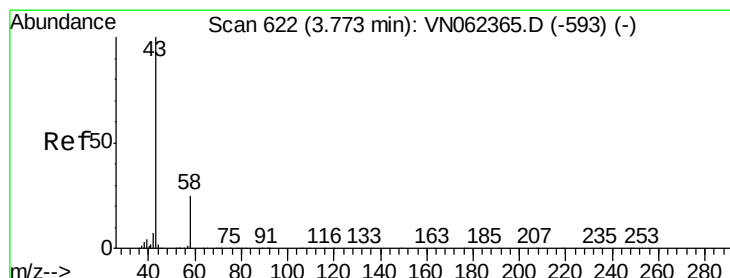
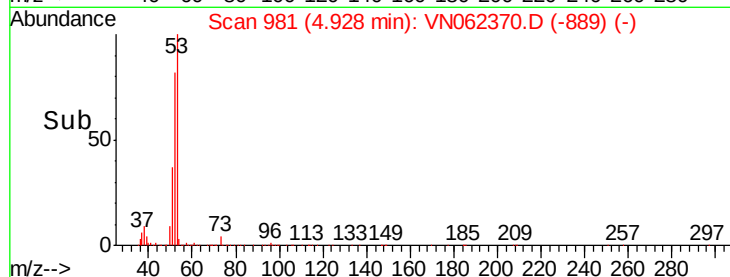
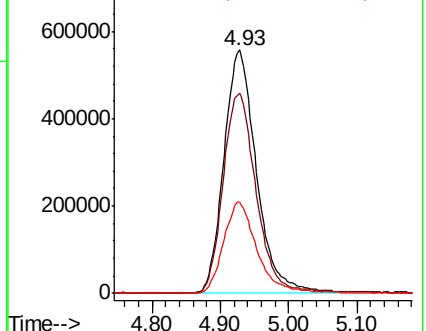
51 38.4 30.6 45.8



Abundance Ion 53.00 (52.70 to 53.70): VN062370.D (-889) (-)

Ion 52.00 (51.70 to 52.70): VN062370.D (-889) (-)

Ion 51.00 (50.70 to 51.70): VN062370.D (-889) (-)



#16

Acetone

Concen: 201.891 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062370.D

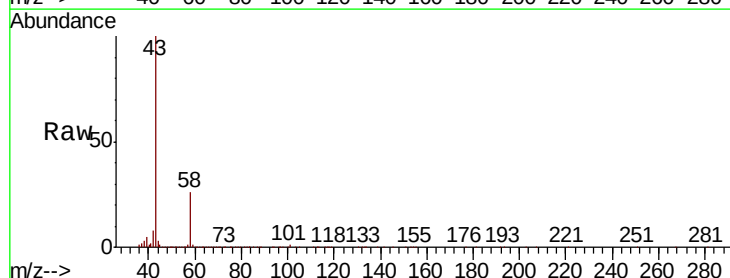
Acq: 6 Jul 2020 17:54

Tgt Ion: 43 Resp: 1870280

Ion Ratio Lower Upper

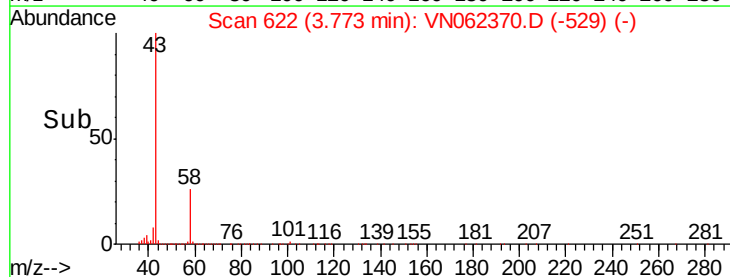
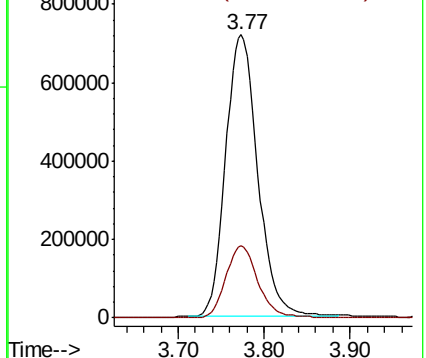
43 100

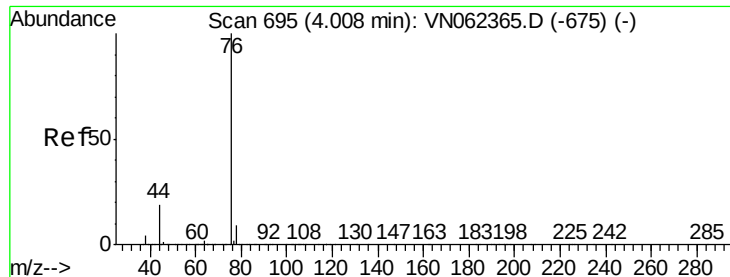
58 25.7 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN062370.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062370.D (-529) (-)





#17

Carbon Disulfide

Concen: 46.172 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampled :

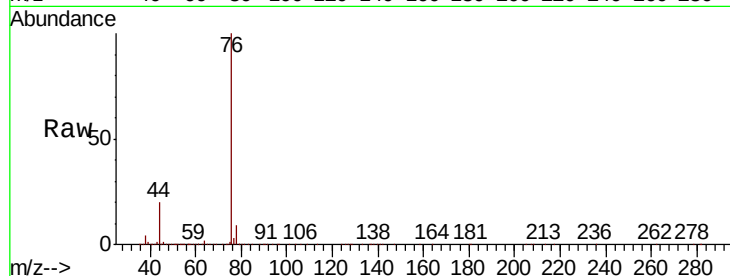
BFB

Tot Ion: 76 Resp: 1669071

Ion Ratio Lower Upper

76 100

78 8.8 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

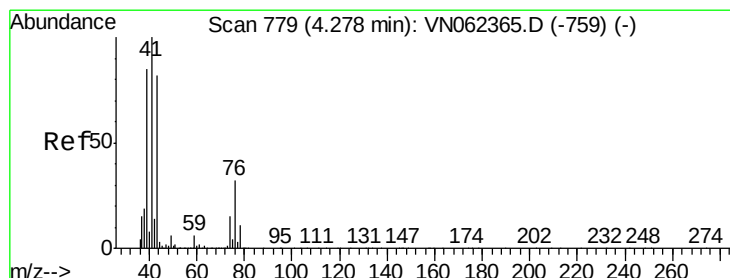
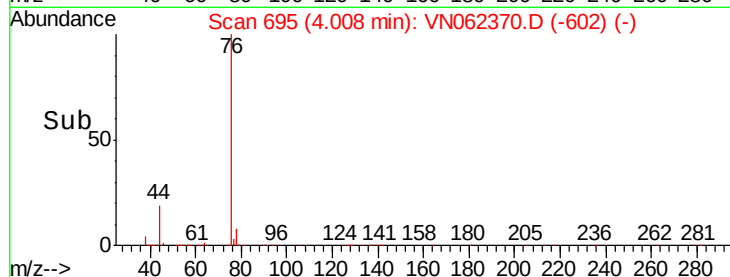
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 51.707 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062370.D

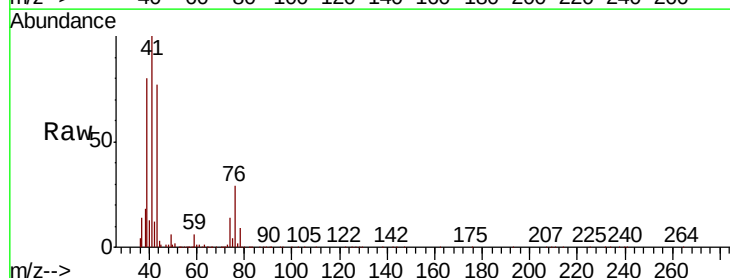
Acq: 6 Jul 2020 17:54

Tgt Ion: 43 Resp: 954532

Ion Ratio Lower Upper

43 100

74 18.5 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.27

400000

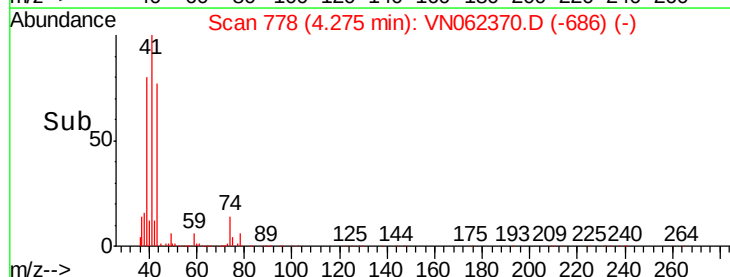
300000

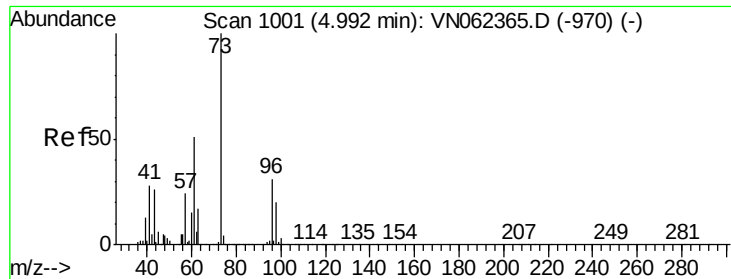
200000

100000

0

Time-->

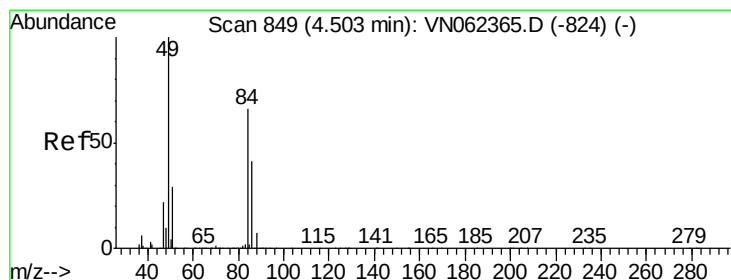
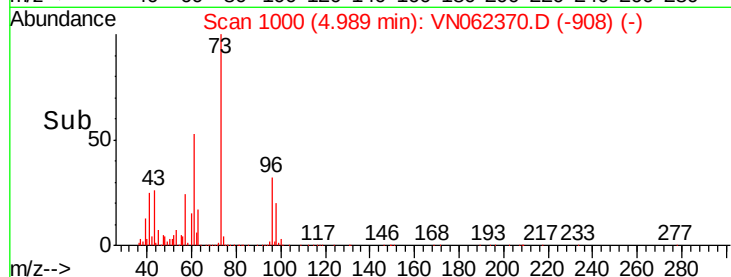
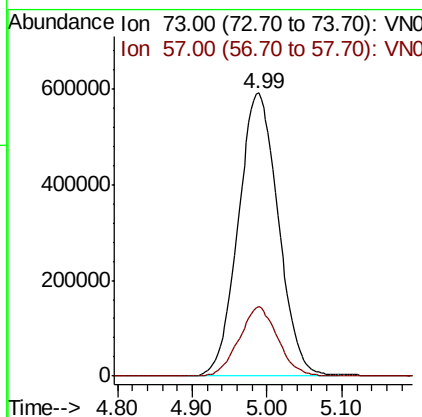
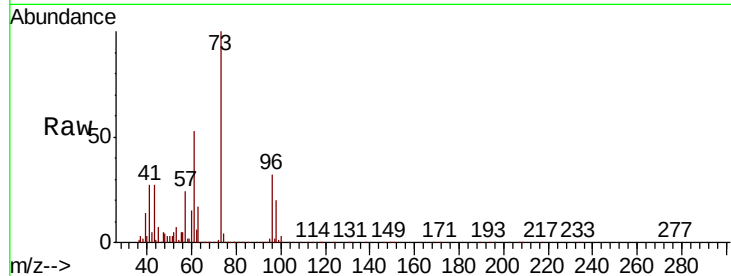




#19
Methyl tert-butyl Ether
Concen: 50.125 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

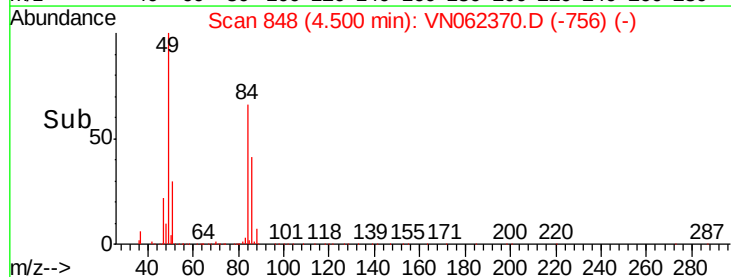
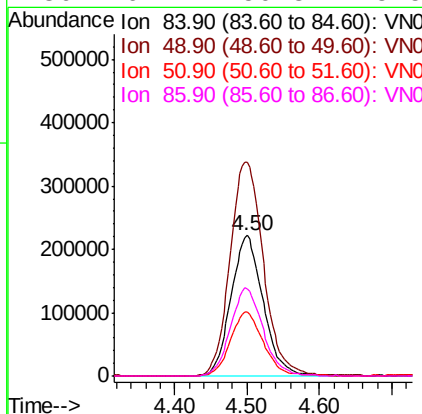
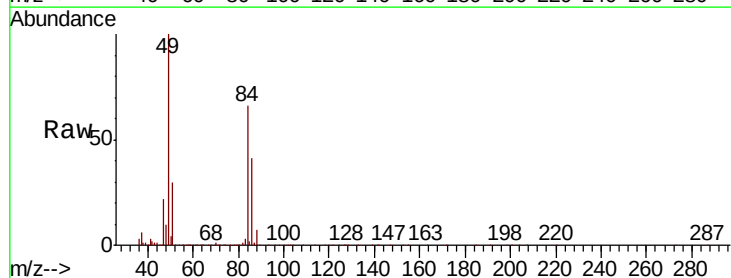
Instrument :
MSVOA_N
ClientSampled :
BFB

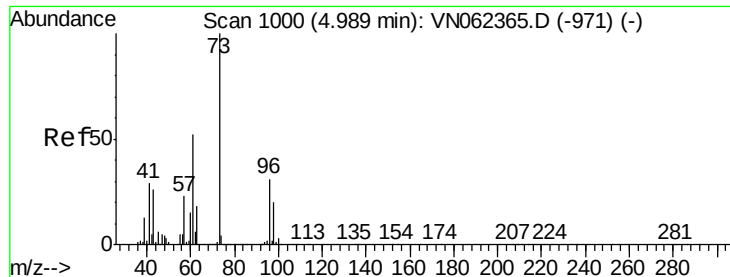
Tot Ion: 73 Resp: 2190132
Ion Ratio Lower Upper
73 100
57 24.3 18.9 28.3



#20
Methylene Chloride
Concen: 50.647 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 84 Resp: 686418
Ion Ratio Lower Upper
84 100
49 152.1 121.8 182.6
51 44.9 35.0 52.4
86 62.4 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 47.957 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

BFB

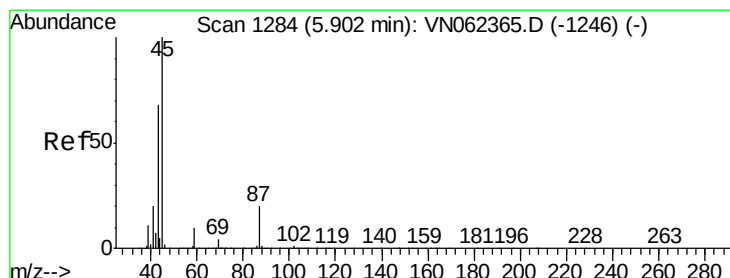
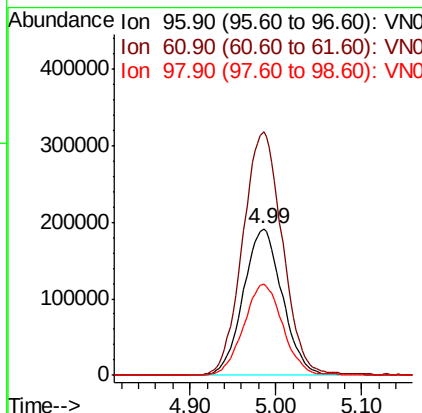
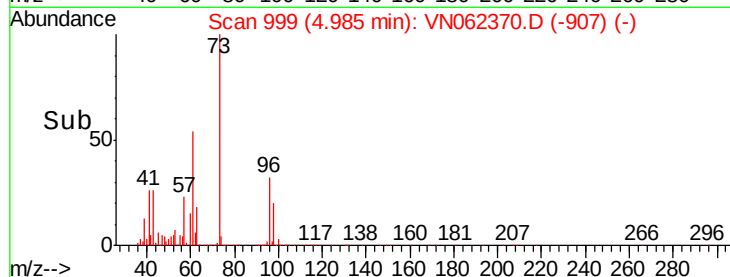
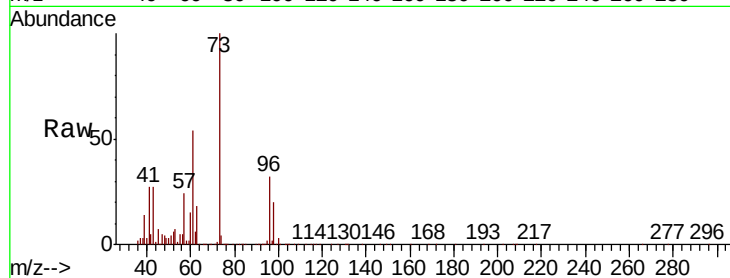
Tot Ion: 96 Resp: 604657

Ion Ratio Lower Upper

96 100

61 166.0 134.7 202.1

98 61.9 52.2 78.4



#22

Diisopropyl ether

Concen: 50.275 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Tgt Ion: 45 Resp: 2797753

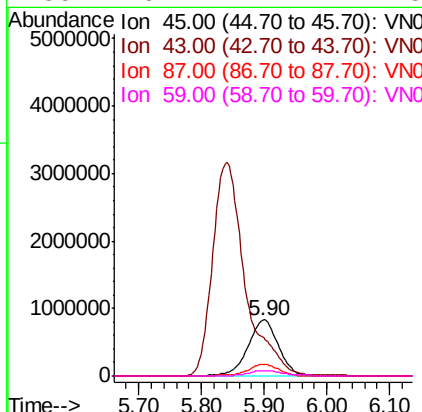
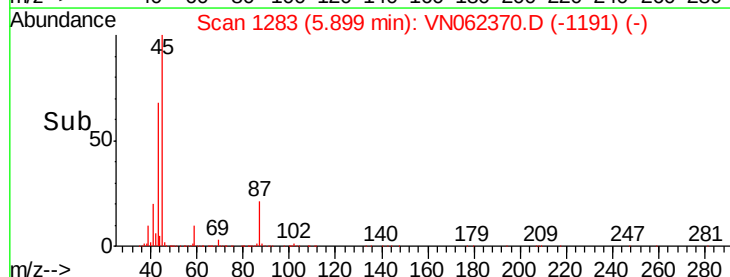
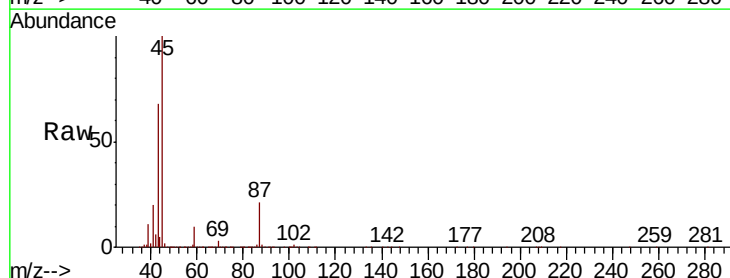
Ion Ratio Lower Upper

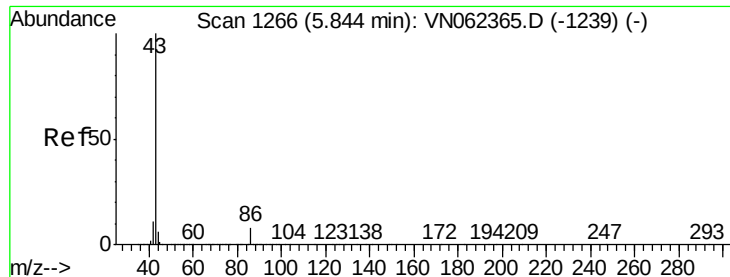
45 100

43 67.0 54.6 81.8

87 20.9 16.6 24.8

59 10.1 7.7 11.5





#23

Vinyl Acetate

Concen: 257.008 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

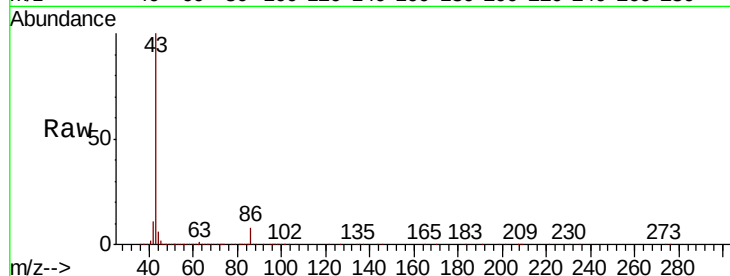
BFB

Tot Ion: 43 Resp:11461732

Ion Ratio Lower Upper

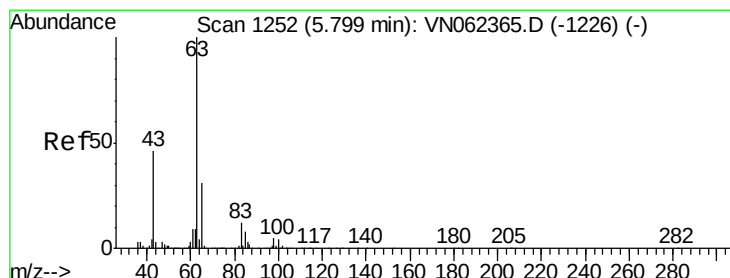
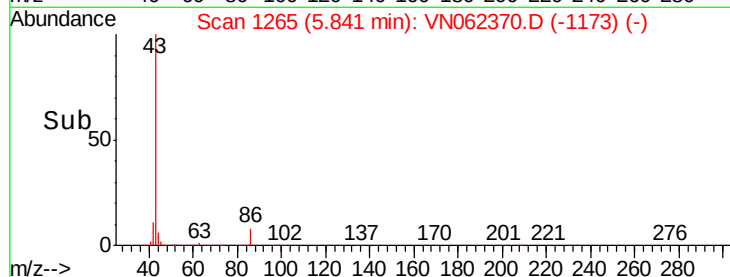
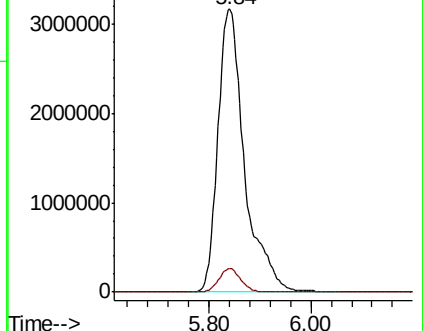
43 100

86 8.3 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VN062365.D (-1239) (-)

Ion 86.00 (85.70 to 86.70): VN062365.D (-1239) (-)



#24

1,1-Dichloroethane

Concen: 49.062 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

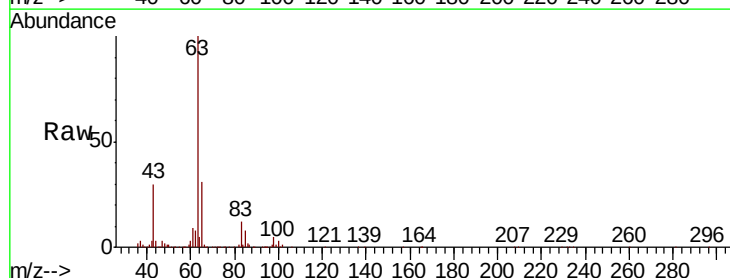
Tgt Ion: 63 Resp: 1352993

Ion Ratio Lower Upper

63 100

98 5.1 2.6 7.8

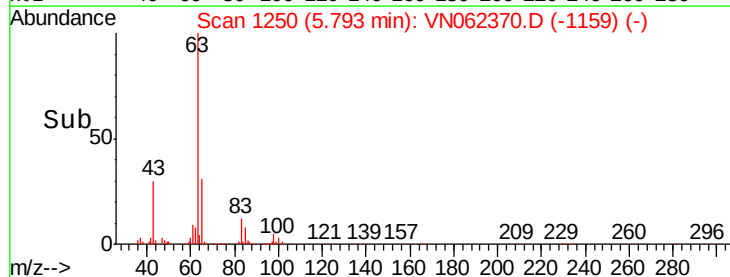
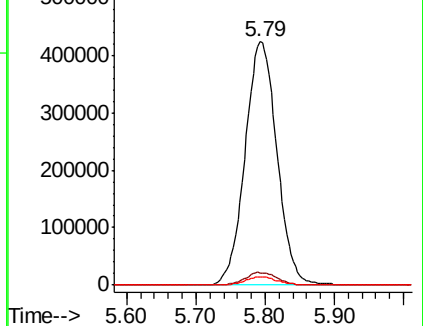
100 3.3 1.8 5.3

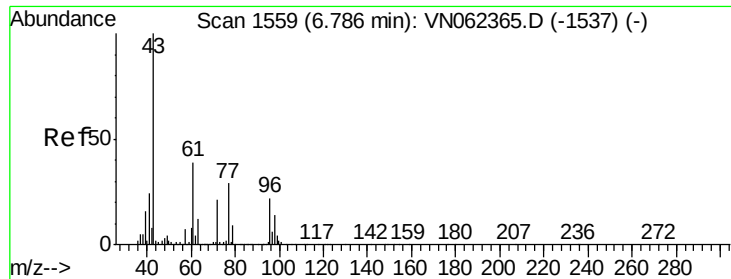


Abundance Ion 62.90 (62.60 to 63.60): VN062365.D (-1226) (-)

Ion 97.90 (97.60 to 98.60): VN062365.D (-1226) (-)

Ion 99.90 (99.60 to 100.60): VN062365.D (-1226) (-)

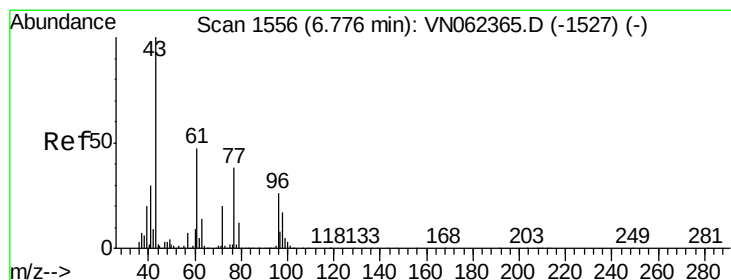
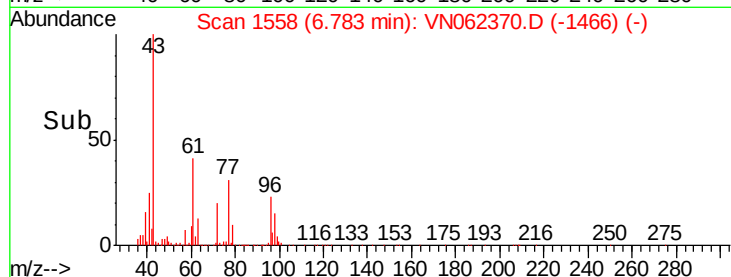
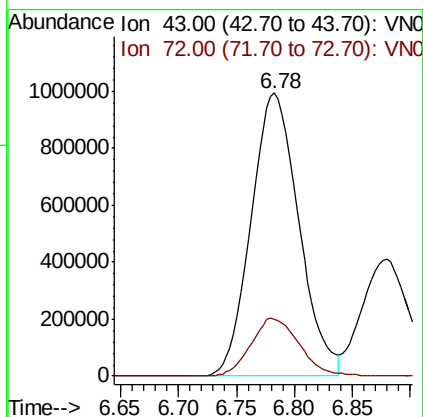
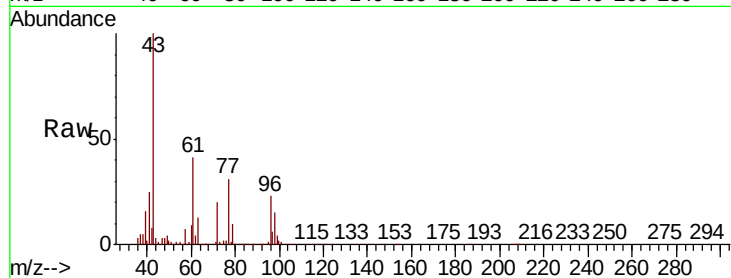




#25
2-Butanone
Concen: 243.726 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

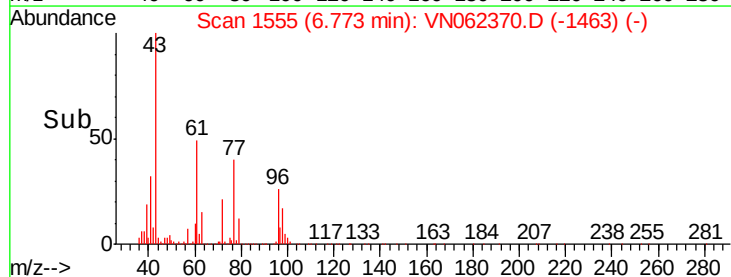
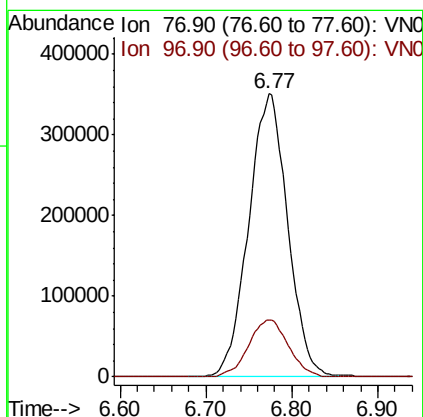
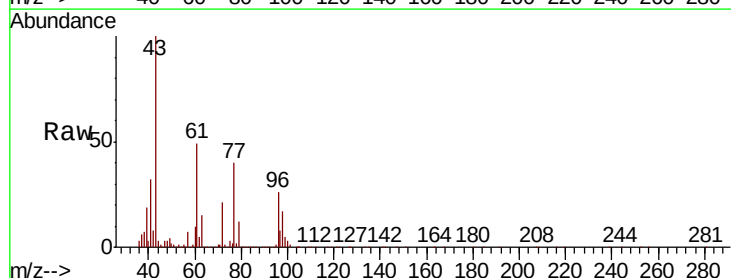
Instrument :
MSVOA_N
ClientSampled :
BFB

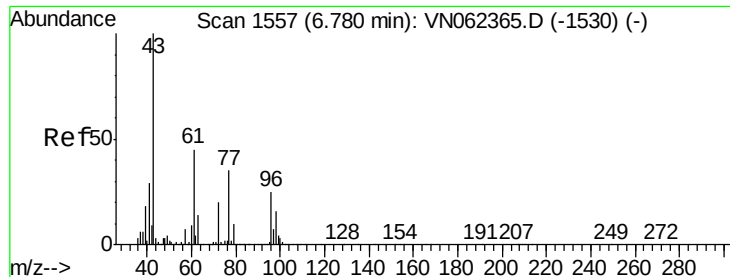
Tot Ion: 43 Resp: 2843335
Ion Ratio Lower Upper
43 100
72 20.3 16.4 24.6



#26
2,2-Dichloropropane
Concen: 48.819 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 77 Resp: 1108928
Ion Ratio Lower Upper
77 100
97 20.4 10.1 30.1

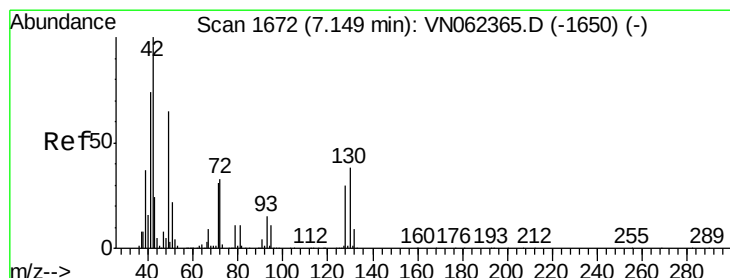
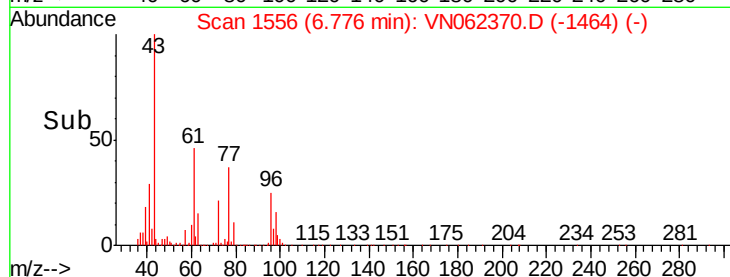
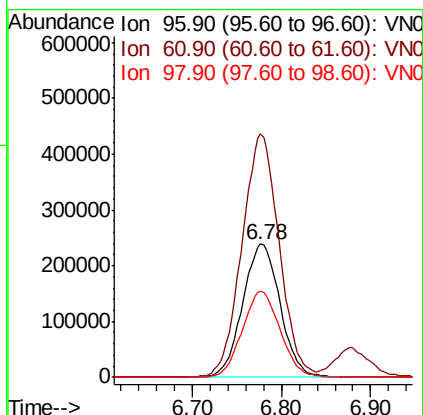
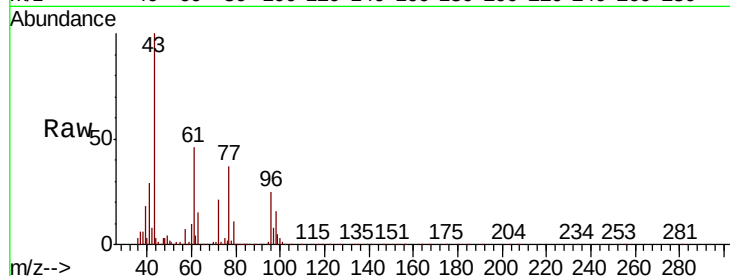




#27
 cis-1,2-Dichloroethene
 Concen: 48.416 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

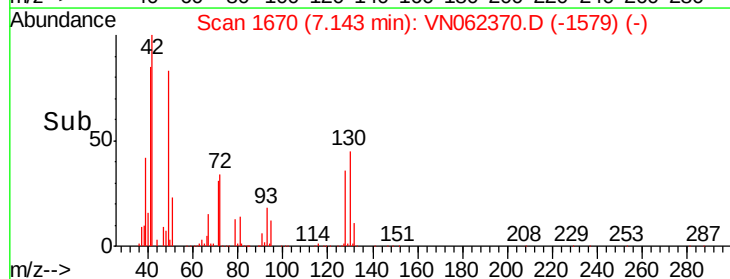
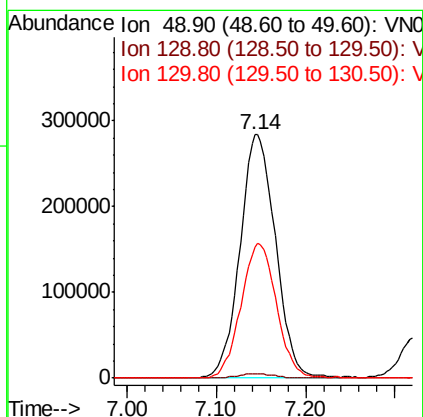
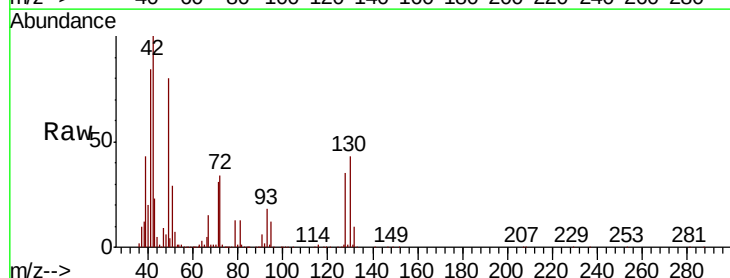
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

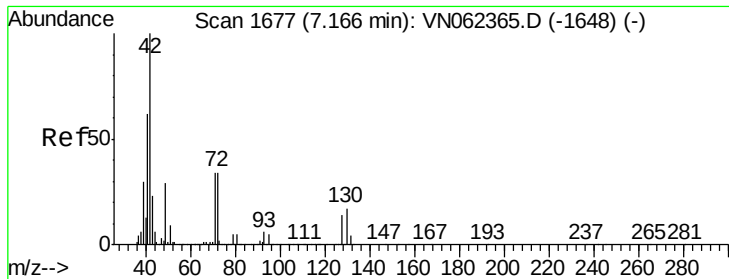
Tot Ion	Ratio	Lower	Upper
96	100		
61	181.4	0.0	358.8
98	65.3	0.0	130.6



#28
 Bromochloromethane
 Concen: 50.945 ug/l
 RT: 7.14 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	55.2	45.8	68.8





#29

Tetrahydrofuran

Concen: 256.479 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

BFB

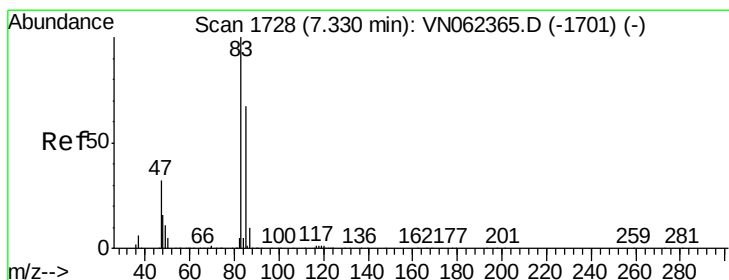
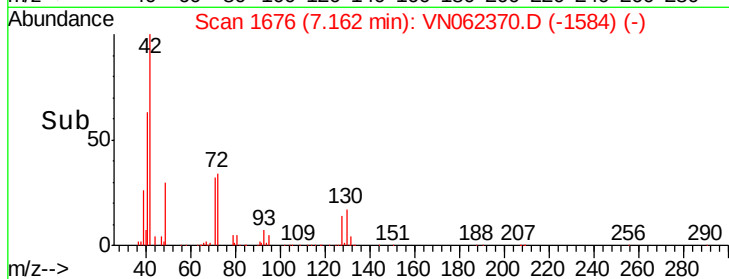
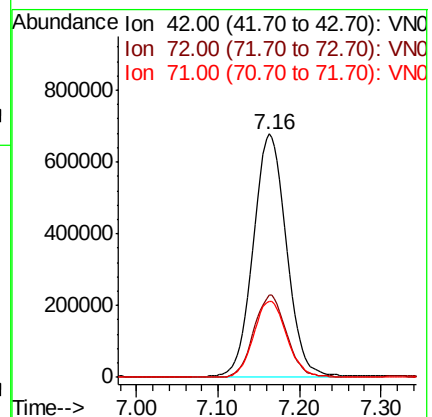
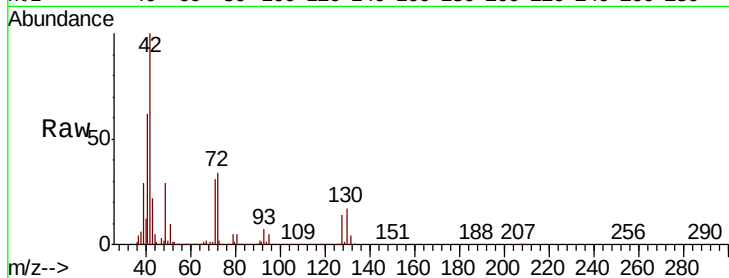
Tot Ion: 42 Resp: 1901758

Ion Ratio Lower Upper

42 100

72 33.2 26.8 40.2

71 31.4 26.0 39.0



#30

Chloroform

Concen: 47.876 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062370.D

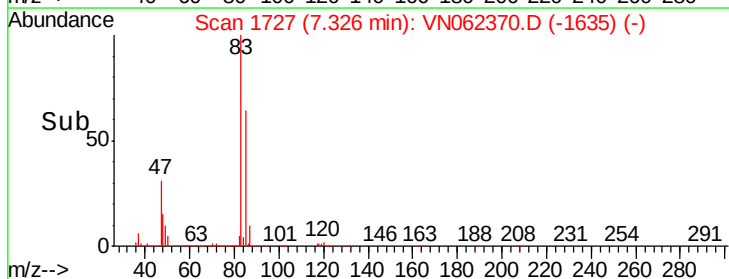
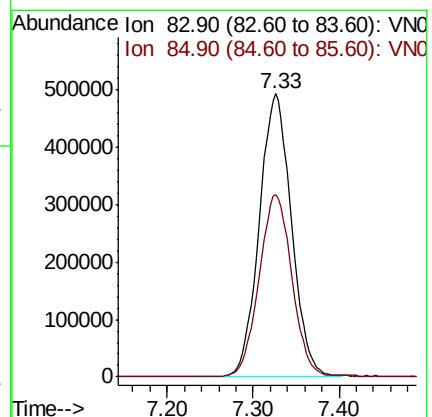
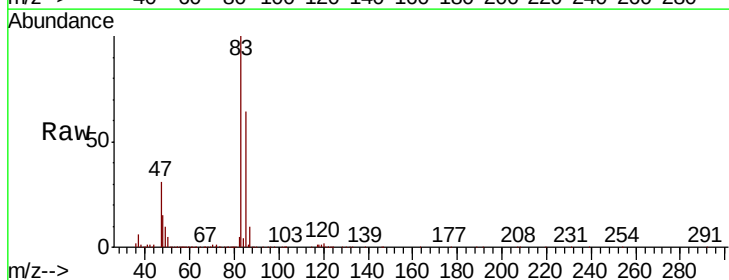
Acq: 6 Jul 2020 17:54

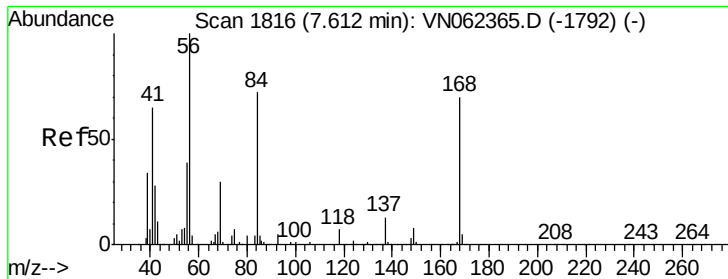
Tgt Ion: 83 Resp: 1284869

Ion Ratio Lower Upper

83 100

85 64.2 53.6 80.4

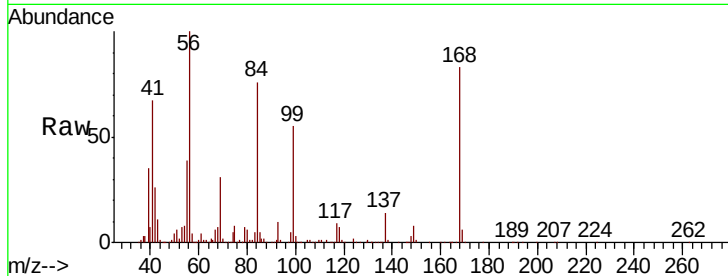




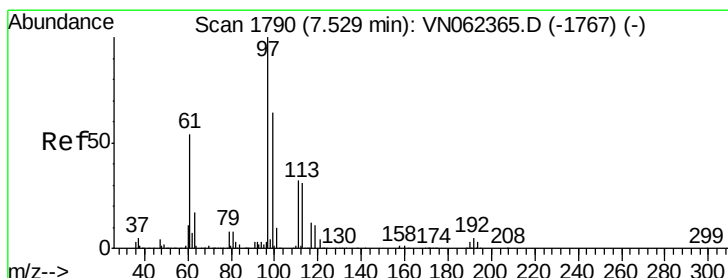
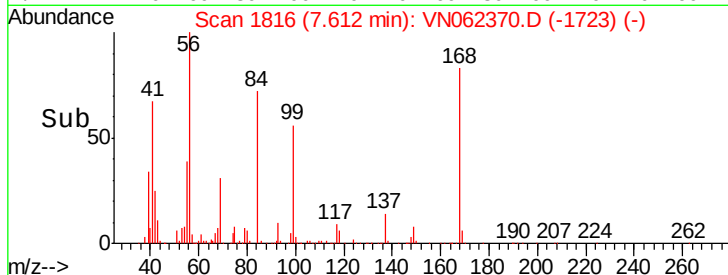
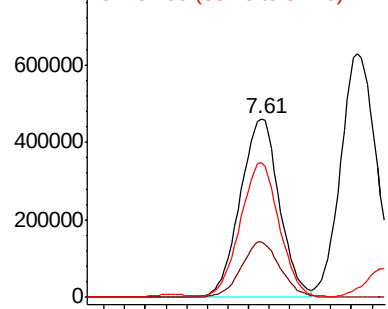
#31
Cyclohexane
Concen: 47.663 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion: 56 Resp: 1214463
Ion Ratio Lower Upper
56 100
69 30.9 23.7 35.5
84 74.2 57.2 85.8

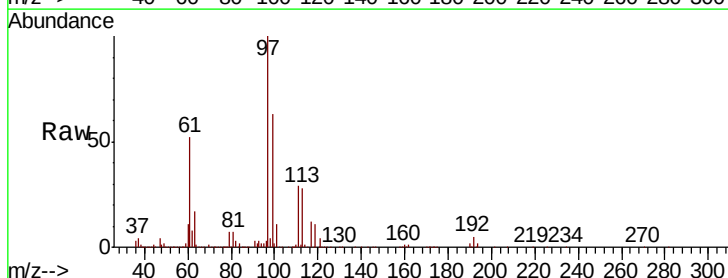


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

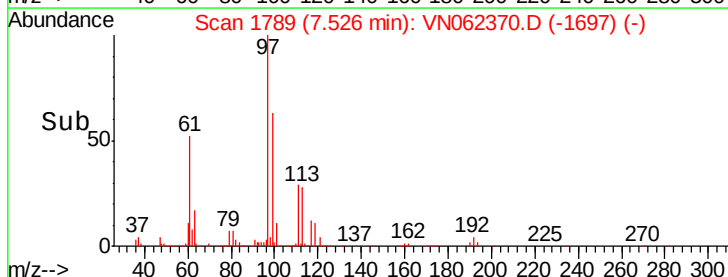
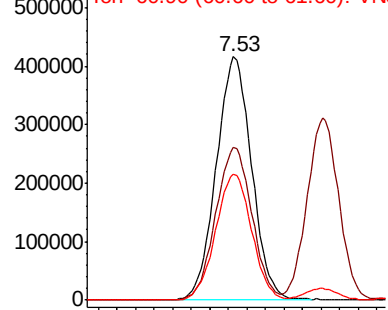


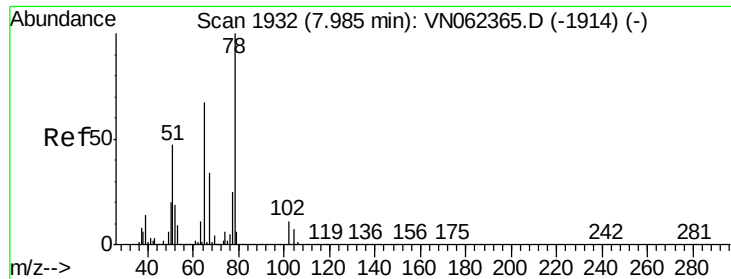
#32
1,1,1-Trichloroethane
Concen: 48.809 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 97 Resp: 1100695
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 52.8 42.5 63.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

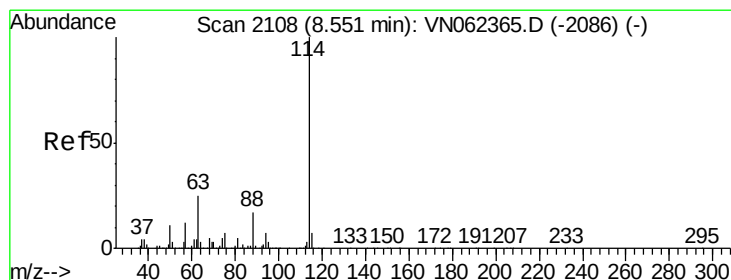
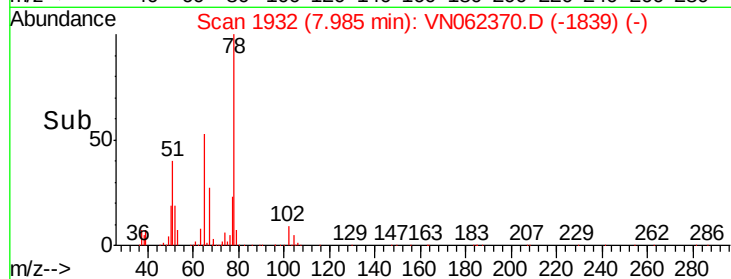
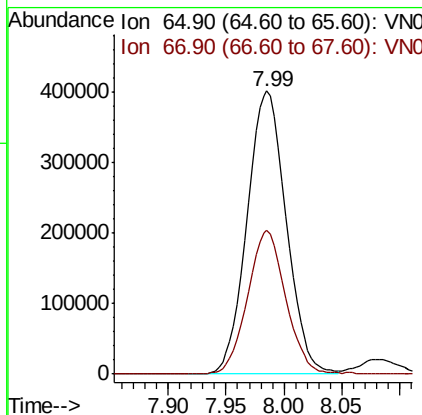
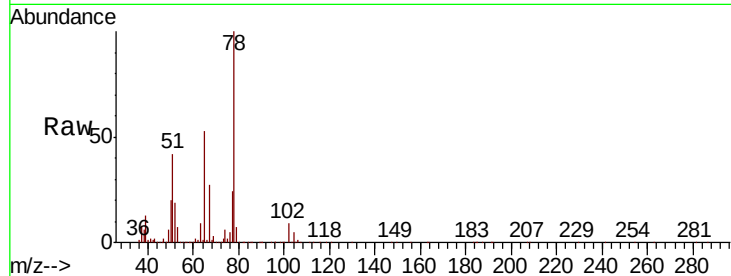




#33
 1,2-Dichloroethane-d4
 Concen: 47.094 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

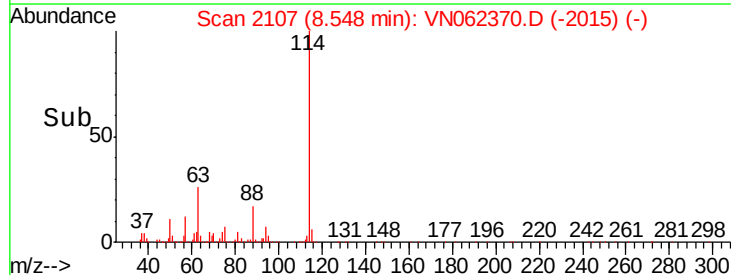
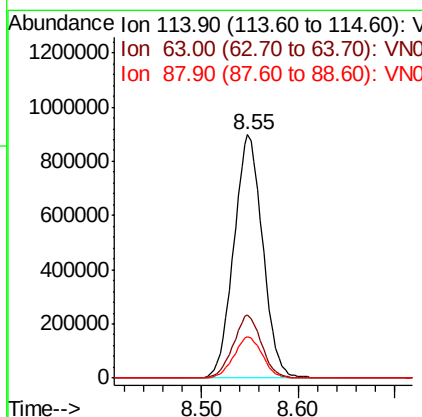
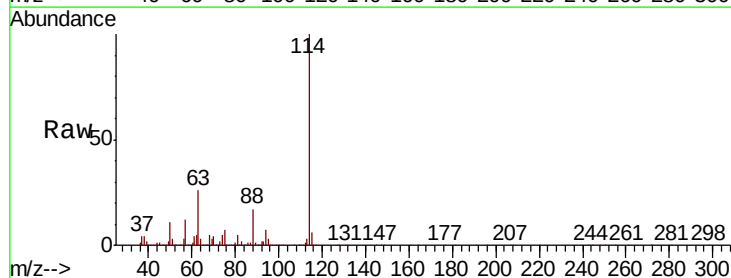
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

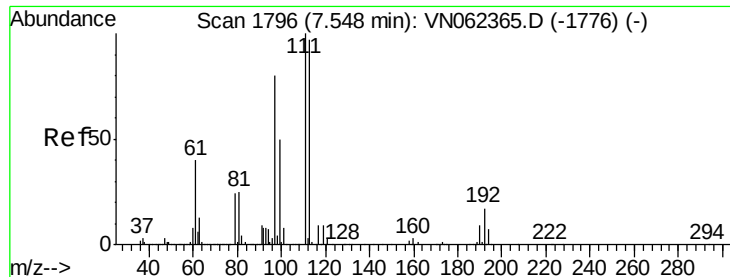
Tot Ion: 65 Resp: 946299
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion: 114 Resp: 1860201
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 49.0
 88 16.9 0.0 34.0

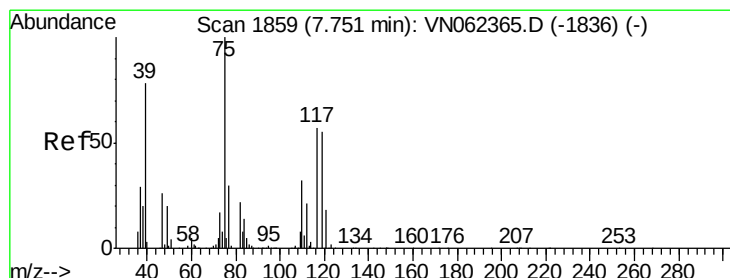
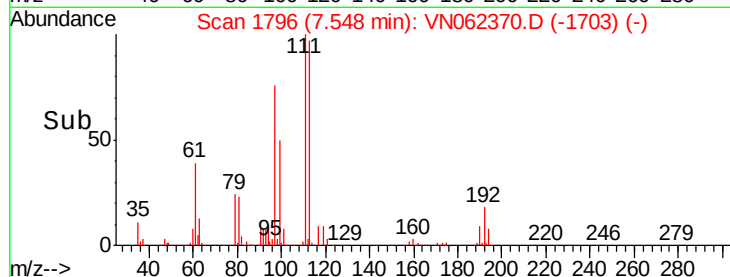
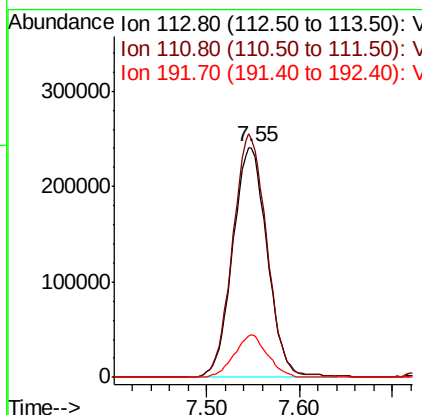
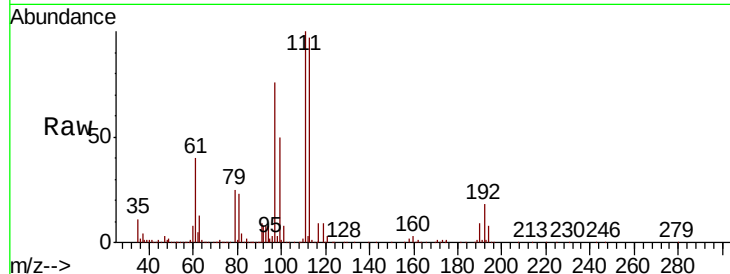




#35
 Dibromofluoromethane
 Concen: 49.081 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

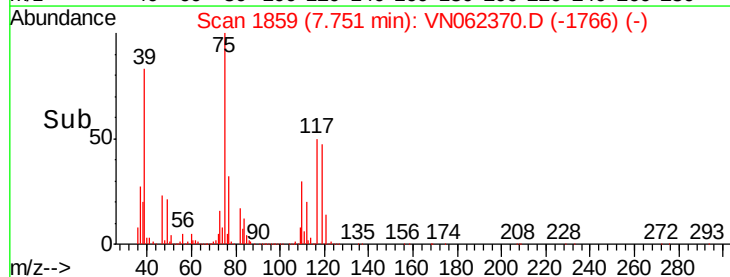
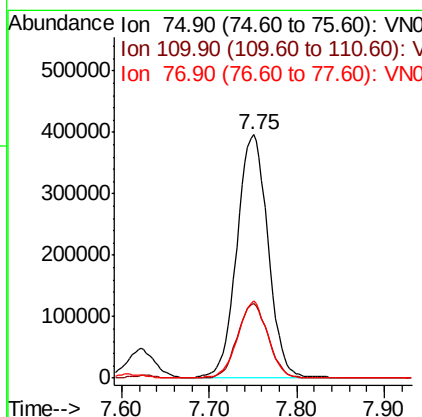
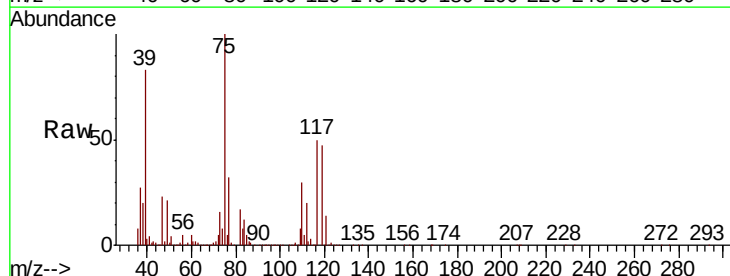
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

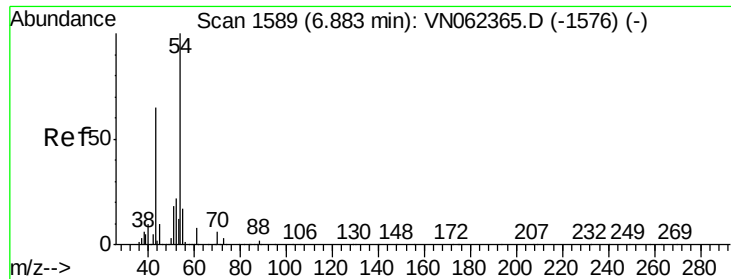
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.2	124.8
192	17.7	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 49.812 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.4	15.7	47.1
77	30.5	24.3	36.5



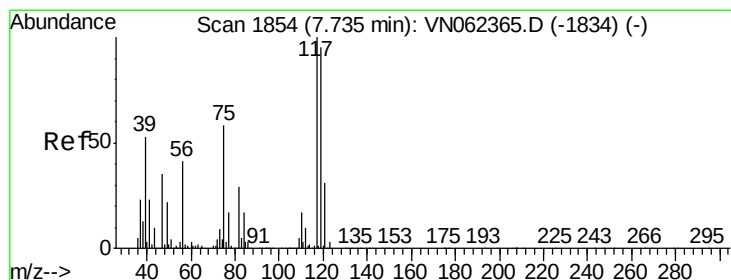
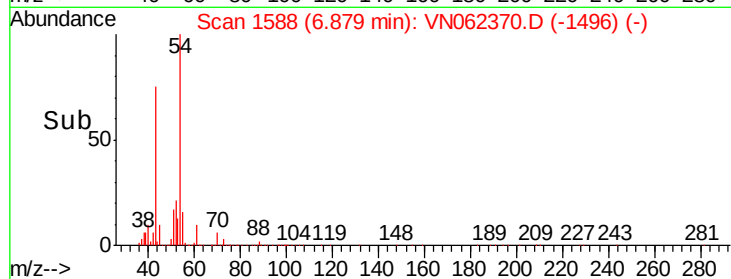
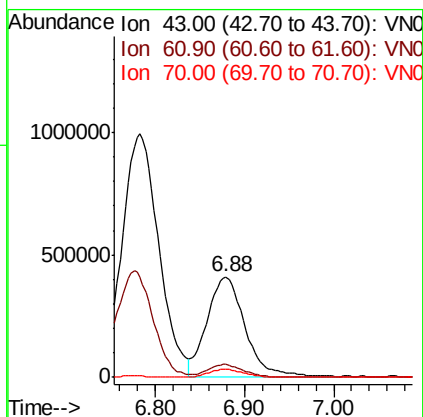
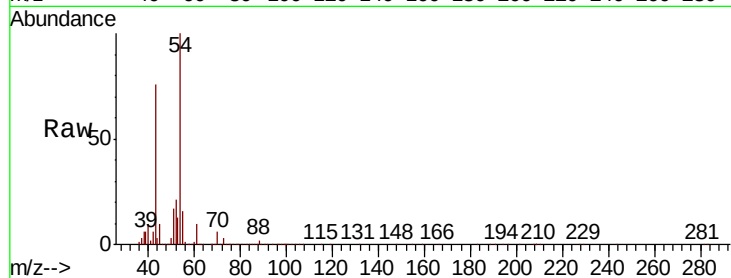


#37
Ethyl Acetate
Concen: 51.738 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion: 43 Resp: 1199729

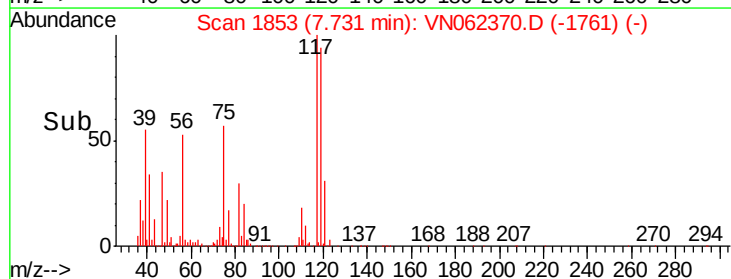
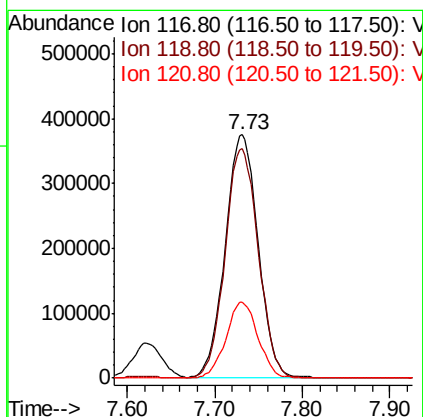
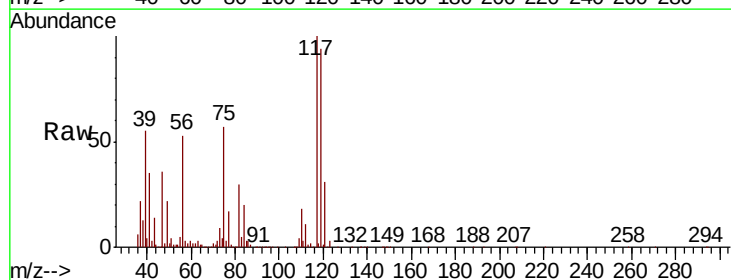
Ion	Ratio	Lower	Upper
43	100		
61	11.8	8.8	13.2
70	7.2	6.2	9.4

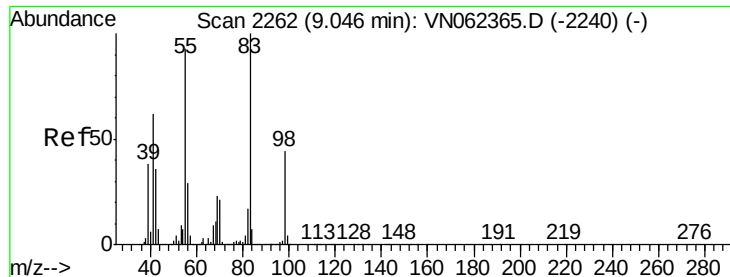


#38
Carbon Tetrachloride
Concen: 49.749 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 117 Resp: 977878

Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.9	113.9
121	30.9	24.6	36.8

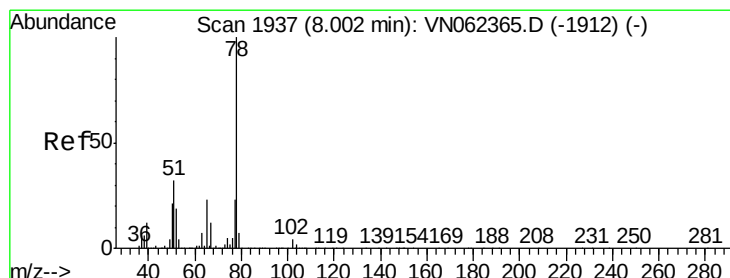
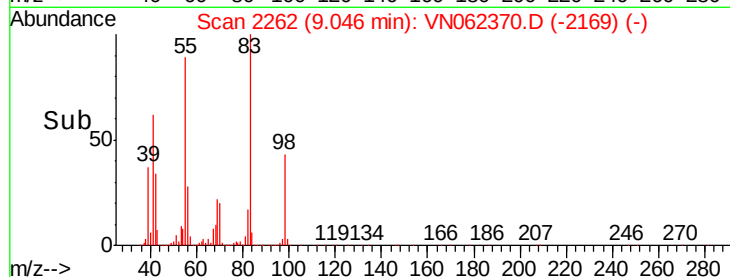
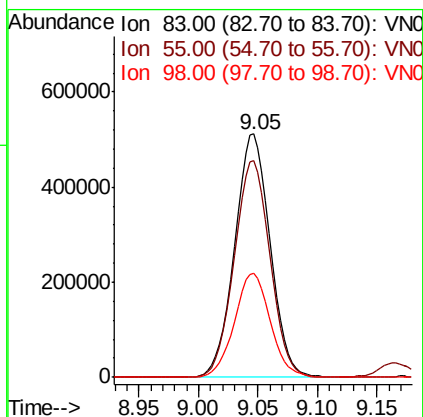
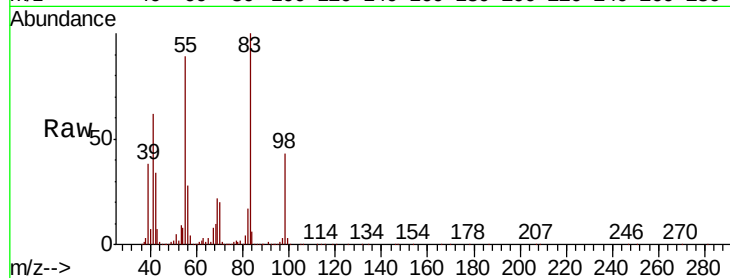




#39
Methylvlcyclohexane
Concen: 50.081 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

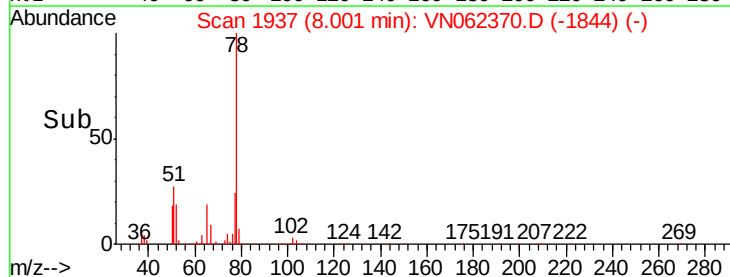
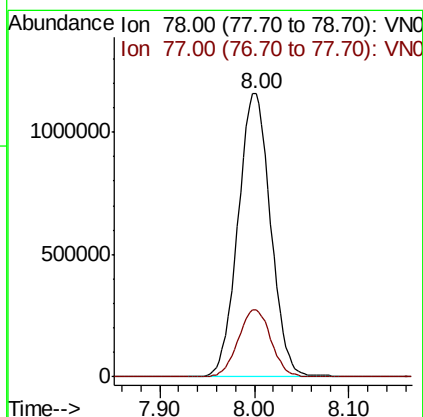
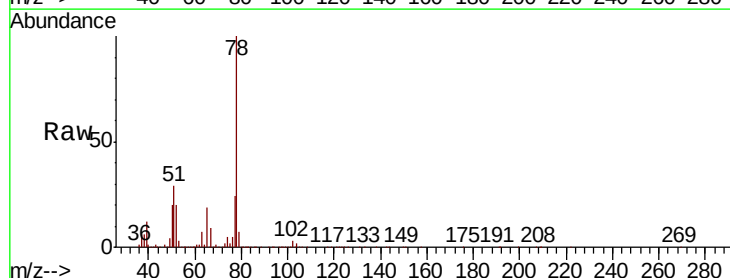
Instrument :
MSVOA_N
ClientSampleId :
BFB

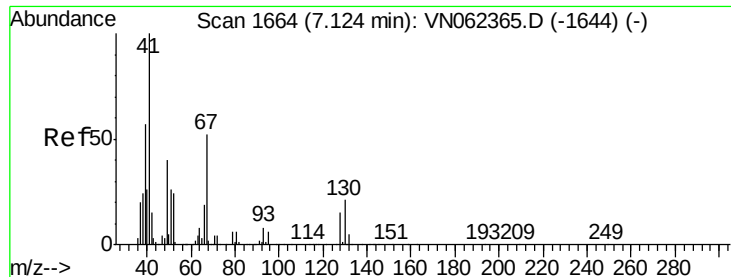
Tot Ion: 83 Resp: 1052734
Ion Ratio Lower Upper
83 100
55 88.9 74.1 111.1
98 42.5 35.6 53.4



#40
Benzene
Concen: 49.932 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 78 Resp: 2772606
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0

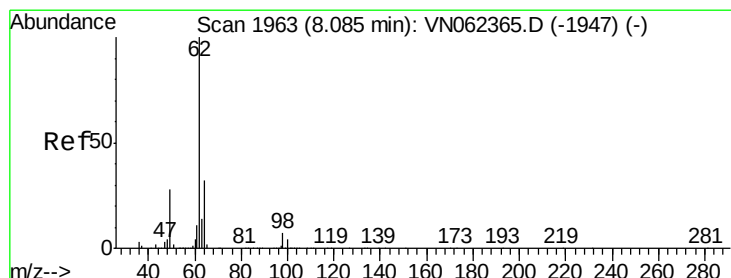
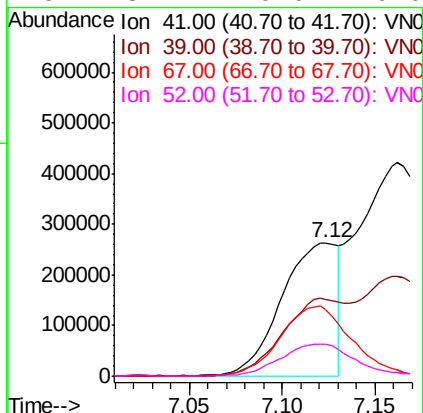
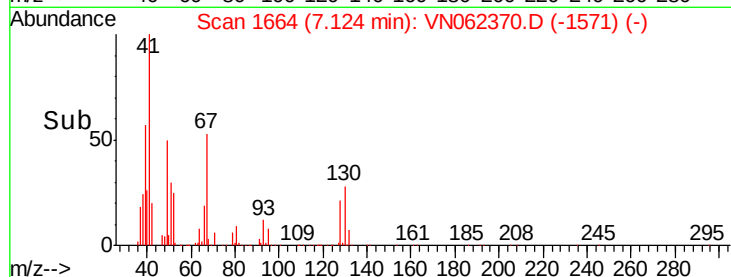
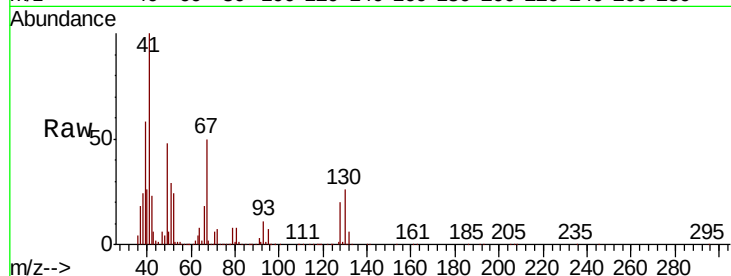




#41
Methacrylonitrile
Concen: 46.791 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

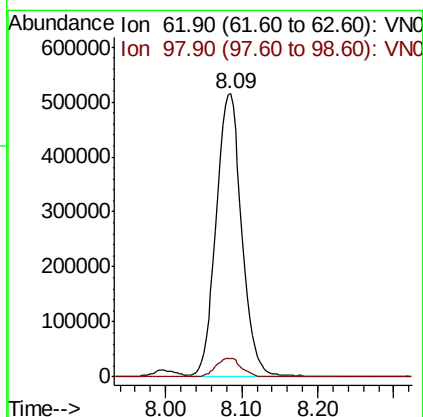
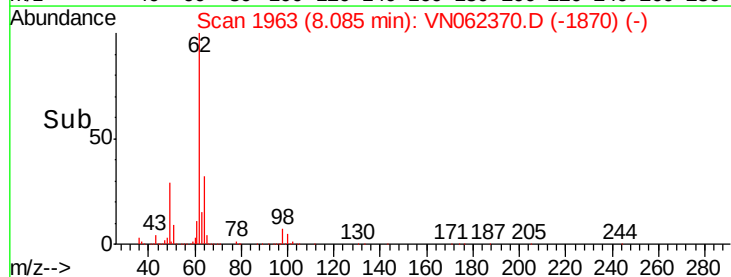
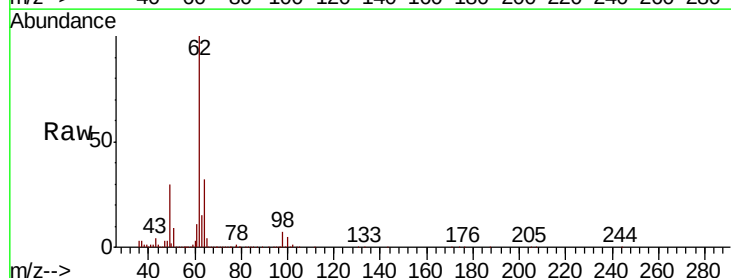
Instrument :
MSVOA_N
ClientSampled :
BFB

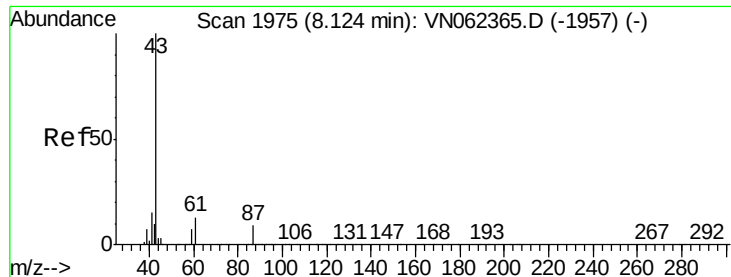
Tot Ion: 41 Resp: 547696
Ion Ratio Lower Upper
41 100
39 66.6 0.0 0.0#
67 67.7 0.0 0.0#
52 32.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 49.182 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 62 Resp: 1203249
Ion Ratio Lower Upper
62 100
98 6.6 0.0 13.4





#43

Isopropyl Acetate

Concen: 51.258 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

BFB

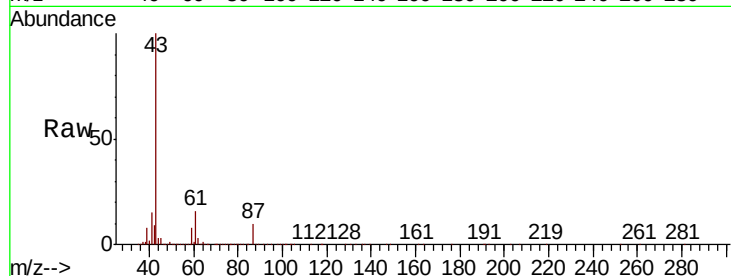
Tot Ion: 43 Resp: 1986659

Ion Ratio Lower Upper

43 100

61 15.9 13.1 19.7

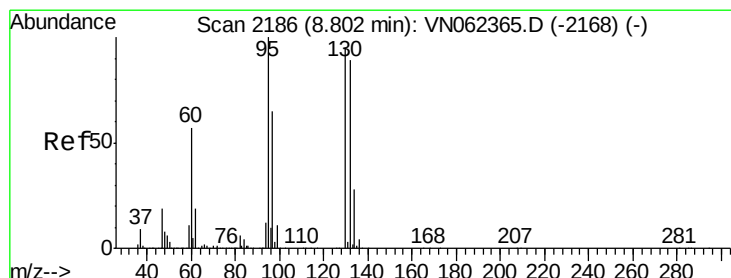
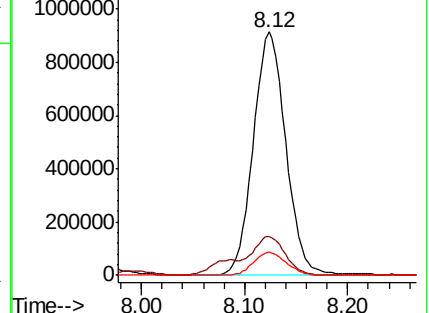
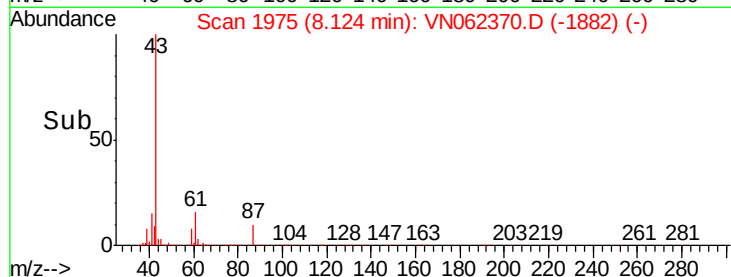
87 9.6 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VN062370.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062370.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062370.D (-1957) (-)



#44

Trichloroethene

Concen: 49.270 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062370.D

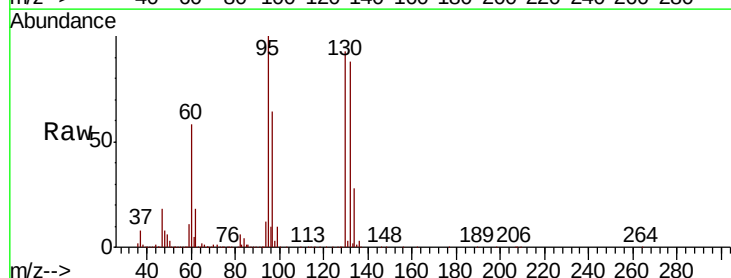
Acq: 6 Jul 2020 17:54

Tgt Ion: 130 Resp: 654061

Ion Ratio Lower Upper

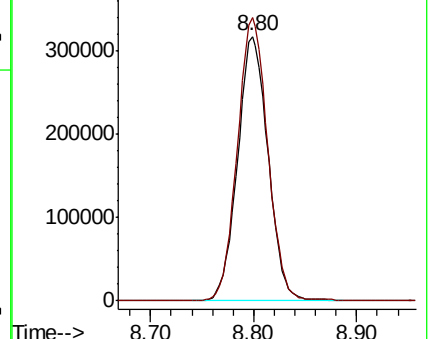
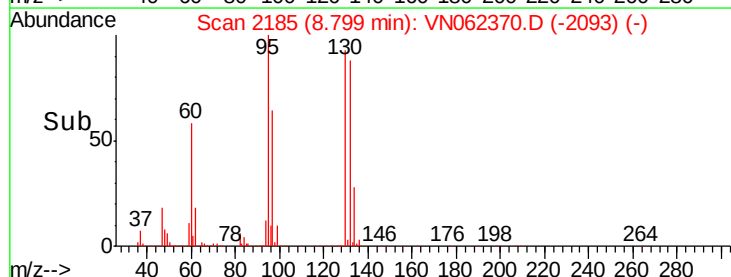
130 100

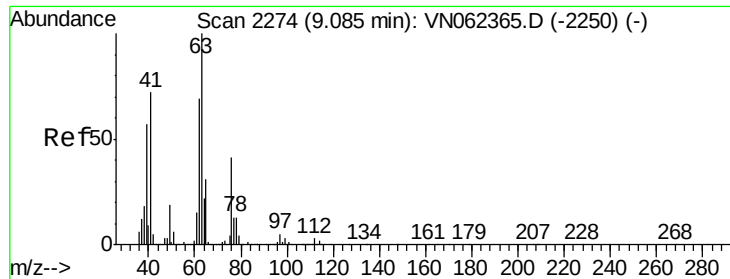
95 107.0 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): VN062370.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062370.D (-2093) (-)

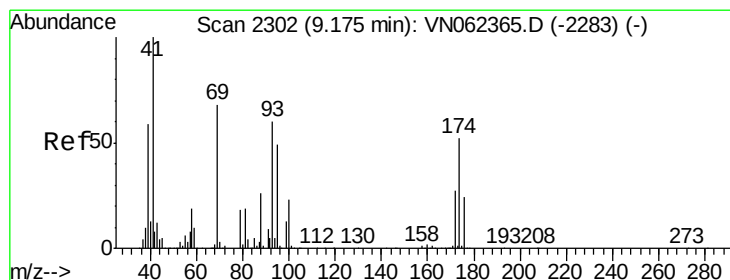
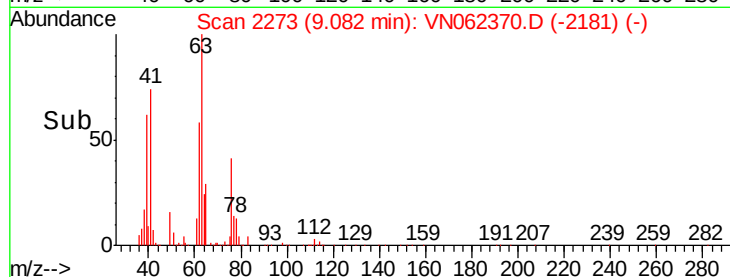
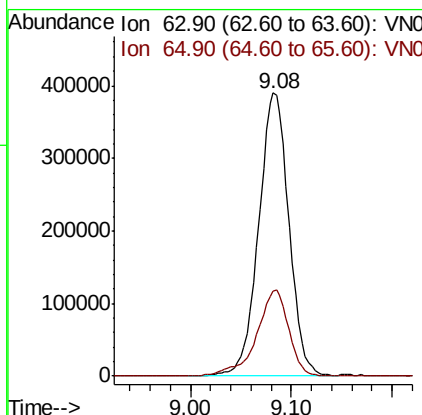
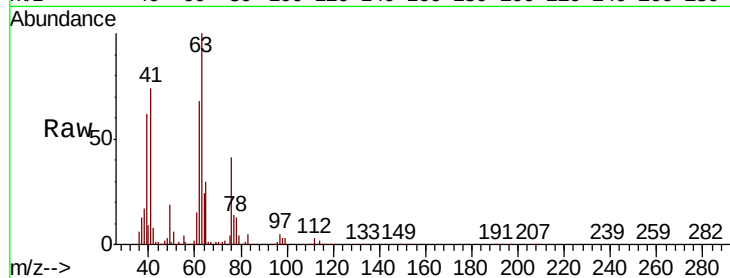




#45
 1,2-Dichloropropane
 Concen: 49.917 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

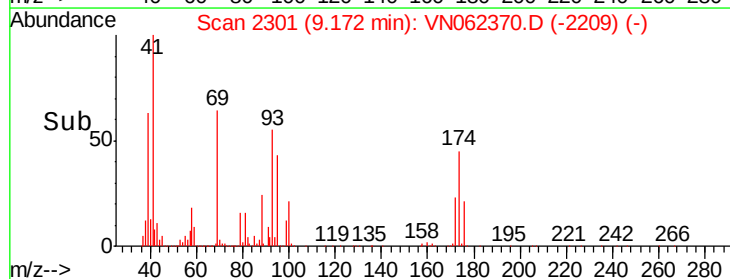
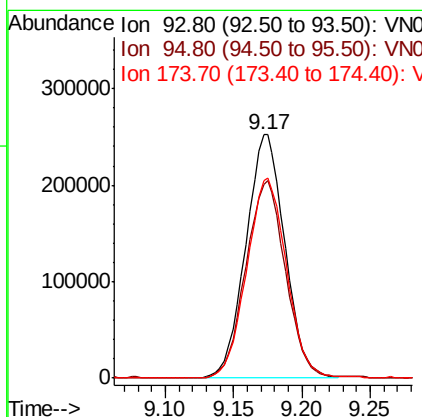
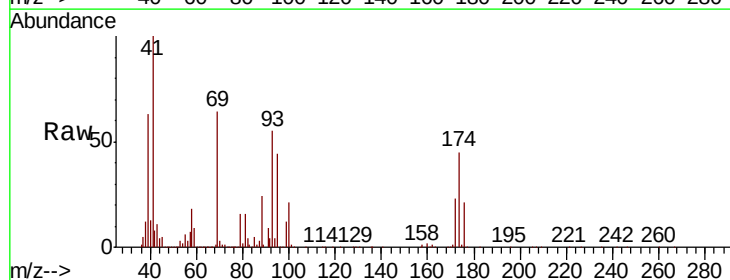
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

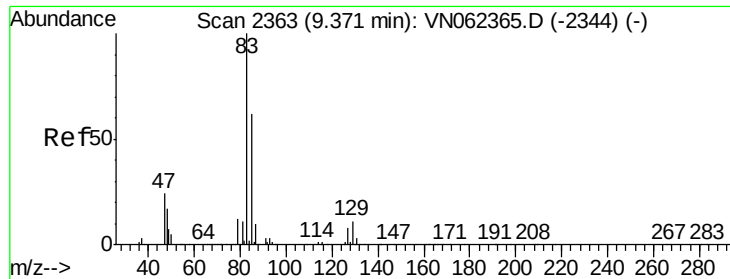
Tot Ion: 63 Resp: 812478
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.2 36.4



#46
 Dibromomethane
 Concen: 49.748 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion: 93 Resp: 501162
 Ion Ratio Lower Upper
 93 100
 95 82.7 64.8 97.2
 174 84.0 67.6 101.4





#47

Bromodichloromethane

Concen: 48.805 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

BFB

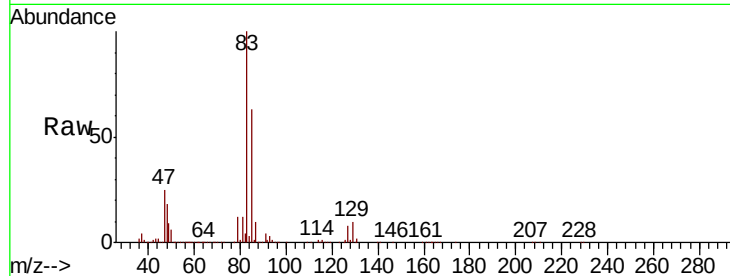
Tot Ion: 83 Resp: 1047975

Ion Ratio Lower Upper

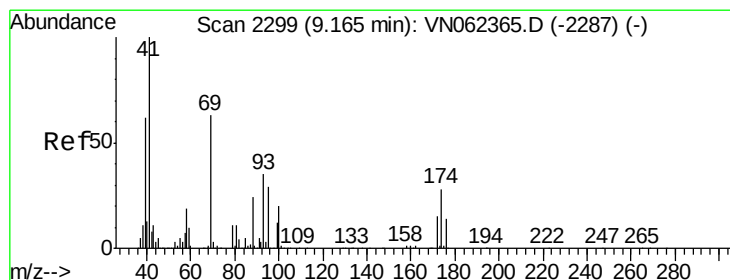
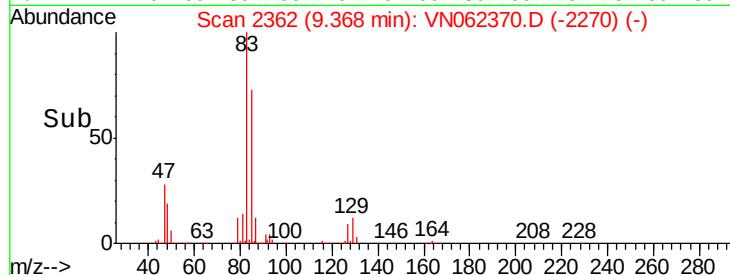
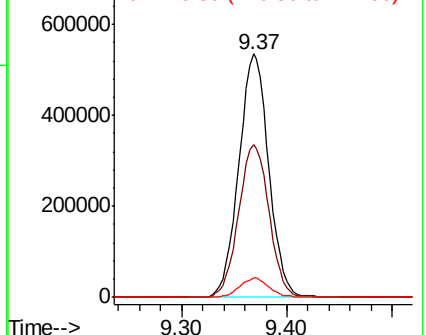
83 100

85 62.7 49.8 74.6

127 7.8 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 50.638 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

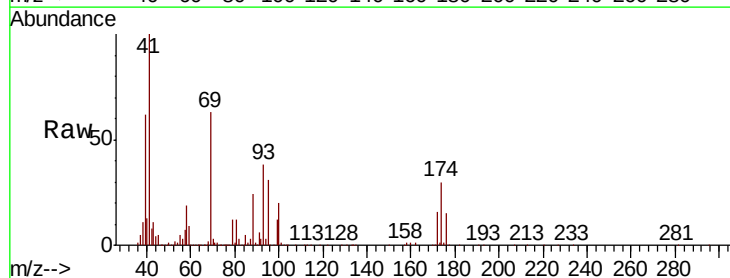
Tgt Ion: 41 Resp: 1001710

Ion Ratio Lower Upper

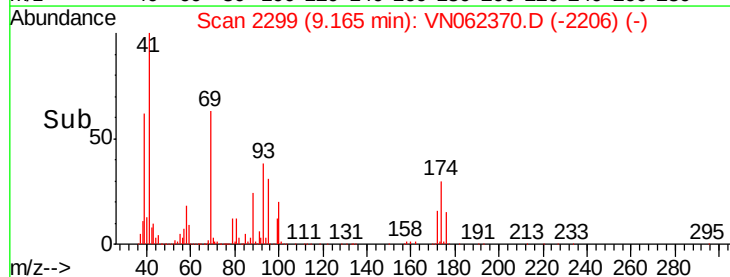
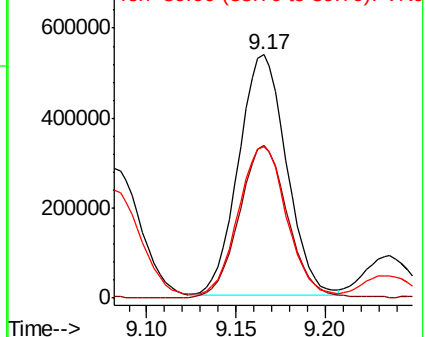
41 100

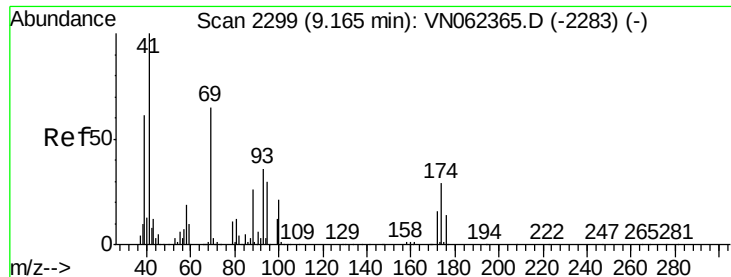
69 64.4 51.5 77.3

39 64.0 51.2 76.8



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

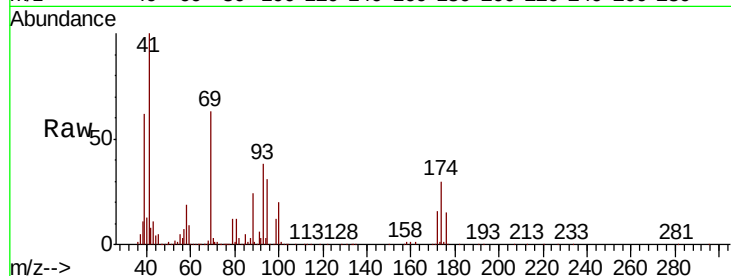




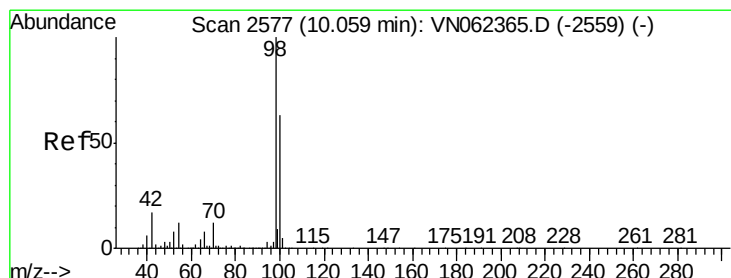
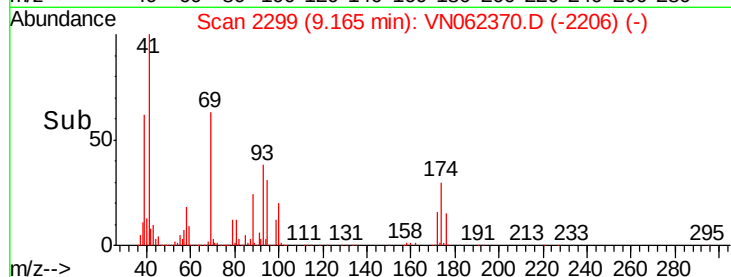
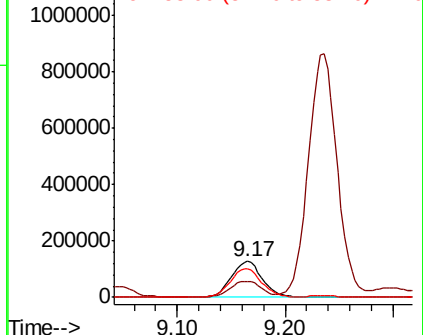
#49
1,4-Dioxane
Concen: 966.261 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion: 88 Resp: 259588
Ion Ratio Lower Upper
88 100
43 43.8 34.0 51.0
58 79.4 63.0 94.4

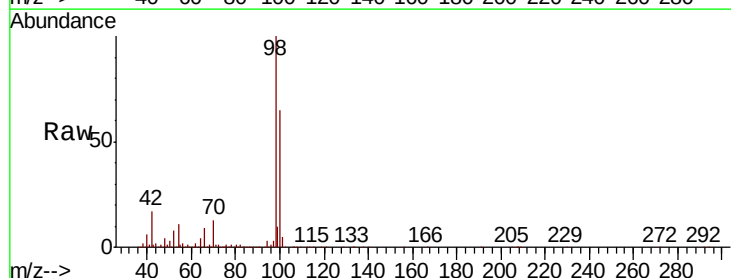


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

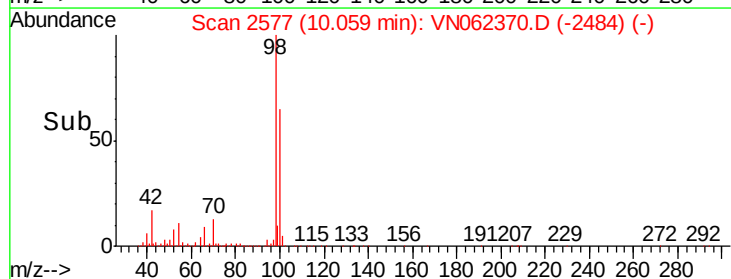
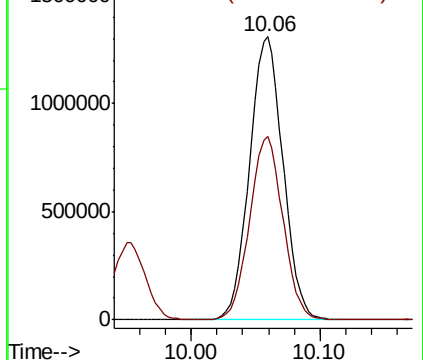


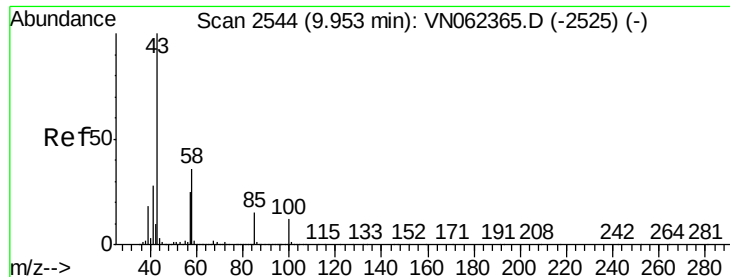
#50
Toluene-d8
Concen: 50.061 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 98 Resp: 2374838
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



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





#51

4-Methyl-2-Pentanone

Concen: 259.204 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampled :

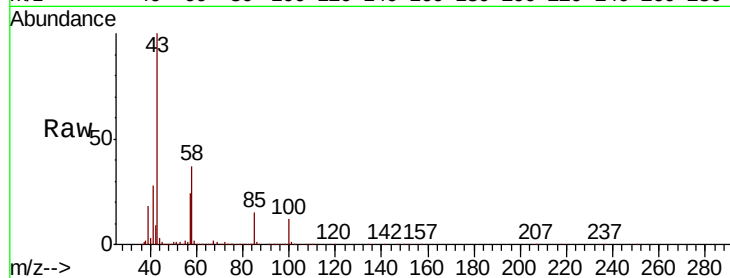
BFB

Tot Ion: 43 Resp: 5696545

Ion Ratio Lower Upper

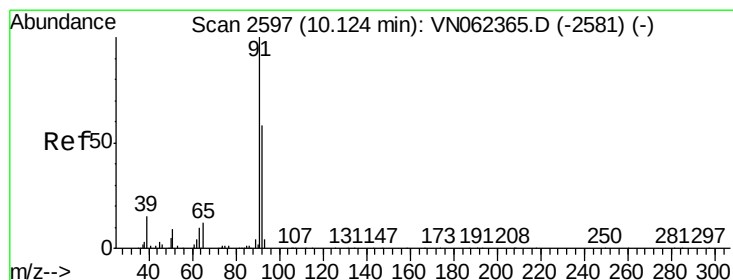
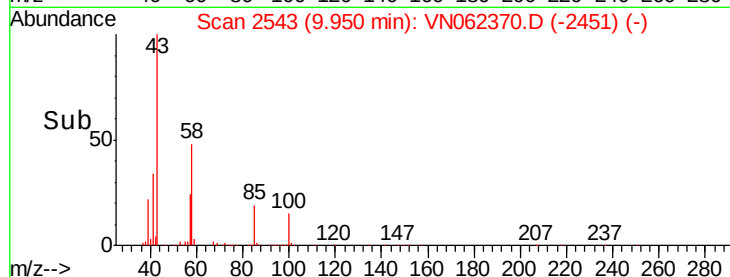
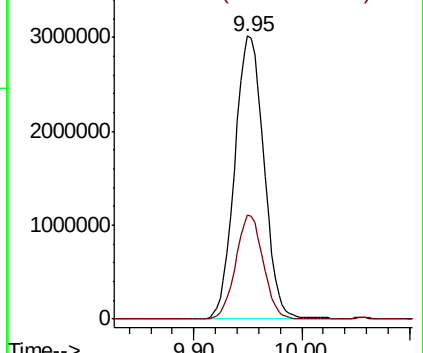
43 100

58 34.7 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN062365.D

Ion 58.00 (57.70 to 58.70): VN062365.D



#52

Toluene

Concen: 51.541 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062370.D

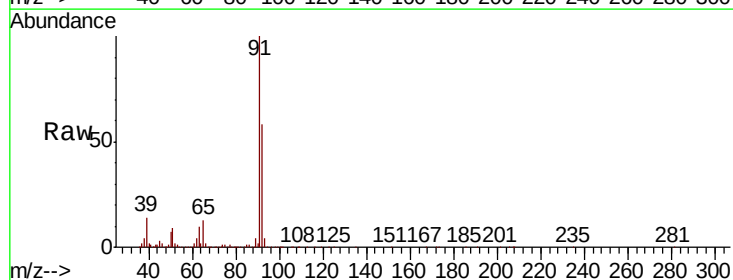
Acq: 6 Jul 2020 17:54

Tgt Ion: 92 Resp: 1711420

Ion Ratio Lower Upper

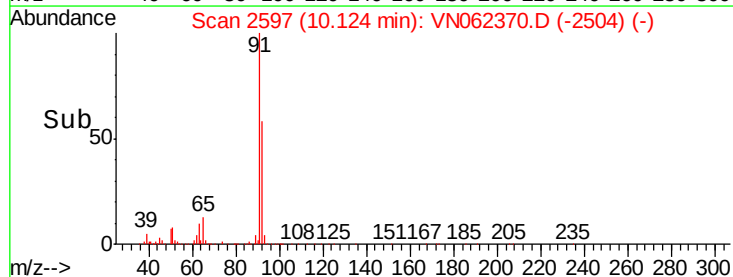
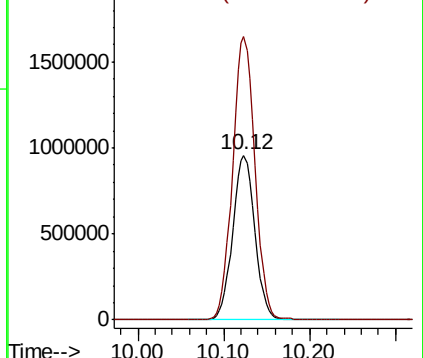
92 100

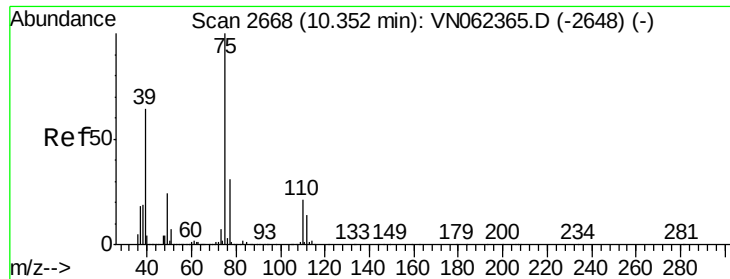
91 173.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN062365.D

Ion 91.00 (90.70 to 91.70): VN062365.D





#53

t-1,3-Dichloropropene

Concen: 51.594 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

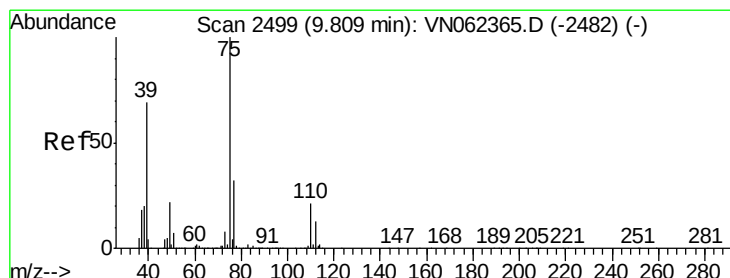
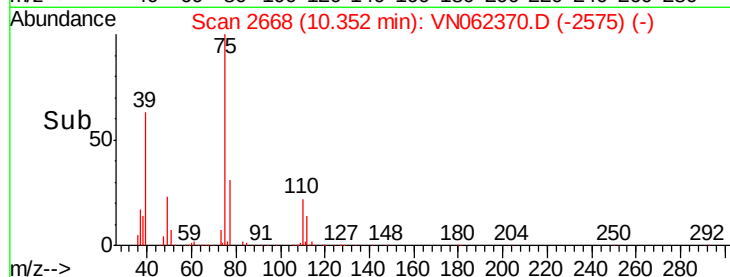
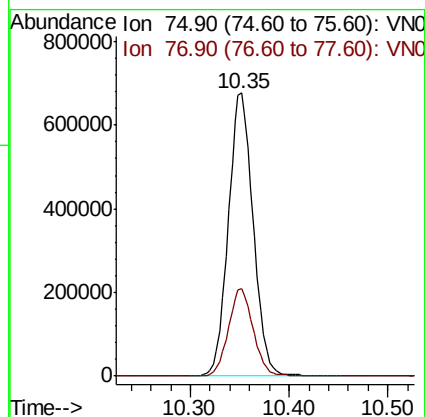
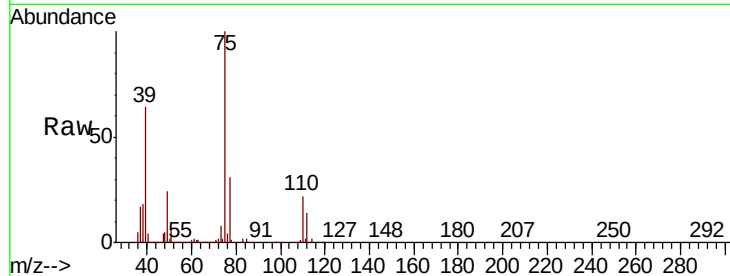
BFB

Tot Ion: 75 Resp: 1192036

Ion Ratio Lower Upper

75 100

77 30.9 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 50.296 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

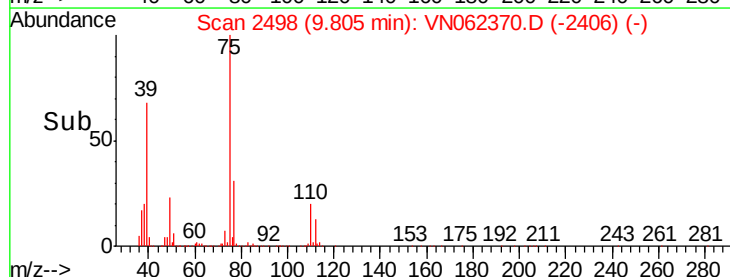
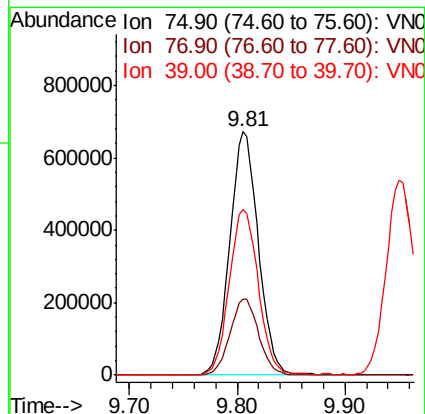
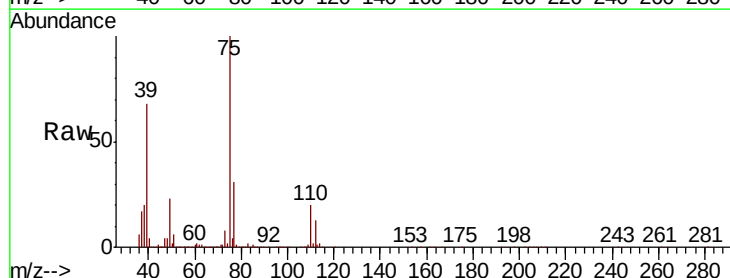
Tgt Ion: 75 Resp: 1239927

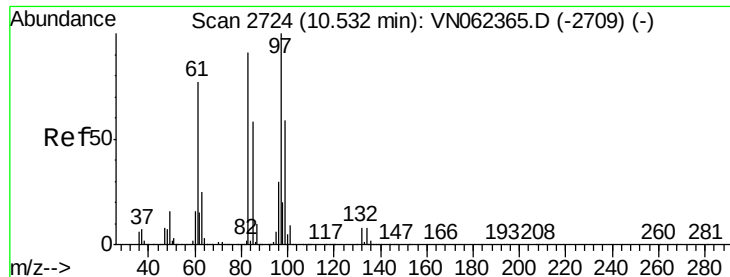
Ion Ratio Lower Upper

75 100

77 31.4 26.0 39.0

39 67.8 55.3 82.9

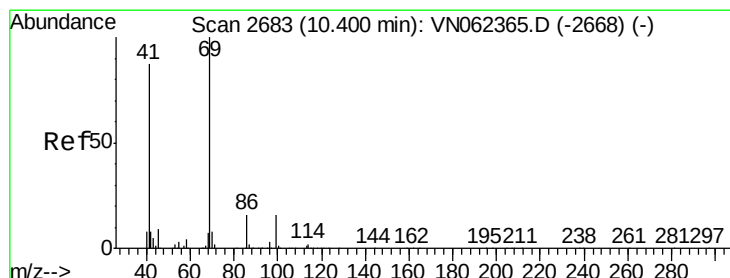
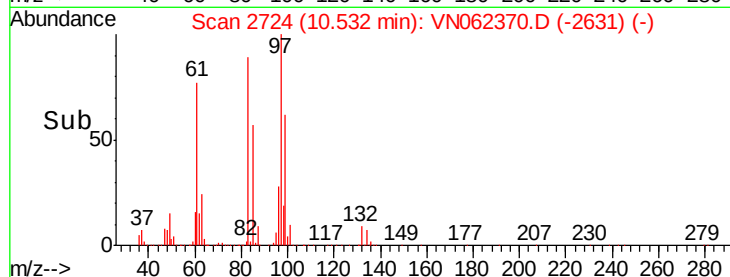
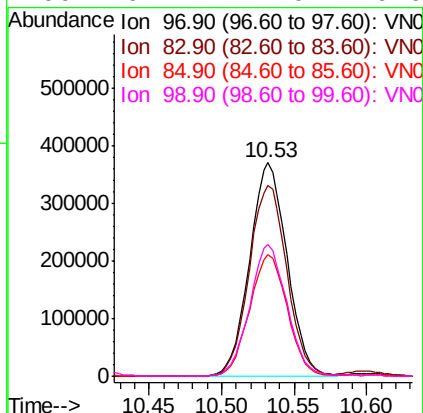
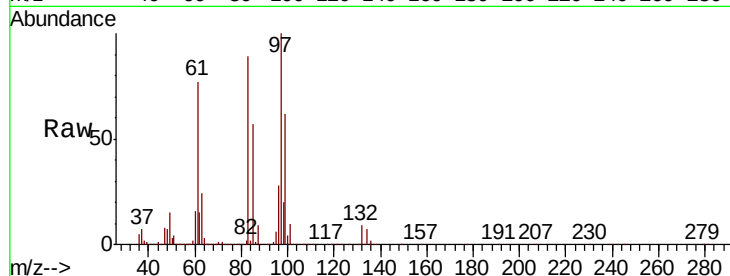




#55
 1,1,2-Trichloroethane
 Concen: 50.156 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

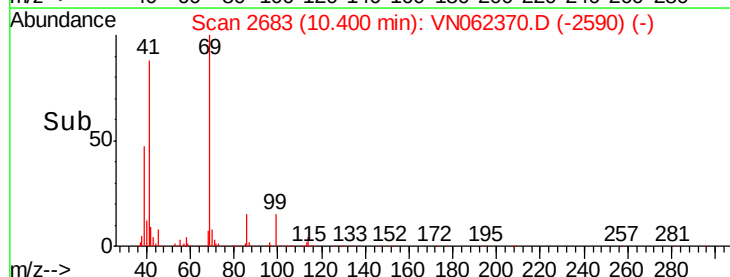
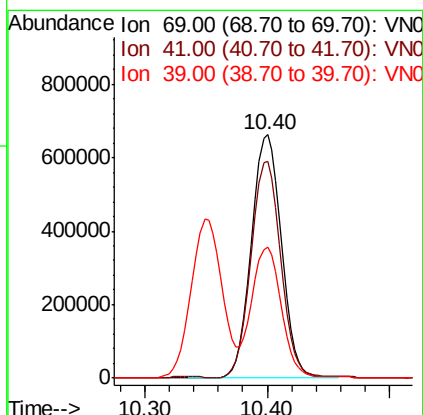
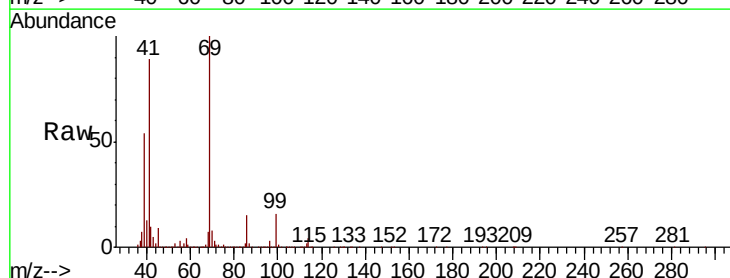
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

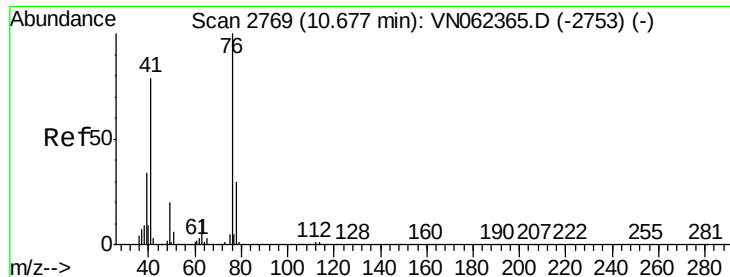
Tot Ion:	97	Resp:	667391
Ion	Ratio	Lower	Upper
97	100		
83	89.2	72.4	108.6
85	56.6	46.3	69.5
99	61.7	47.0	70.6



#56
 Ethyl methacrylate
 Concen: 52.460 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion:	69	Resp:	1124295
Ion	Ratio	Lower	Upper
69	100		
41	87.8	69.4	104.0
39	52.5	42.4	63.6





#57

1,3-Dichloropropane

Concen: 49.134 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

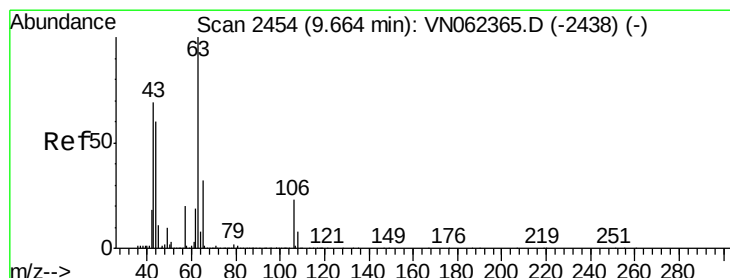
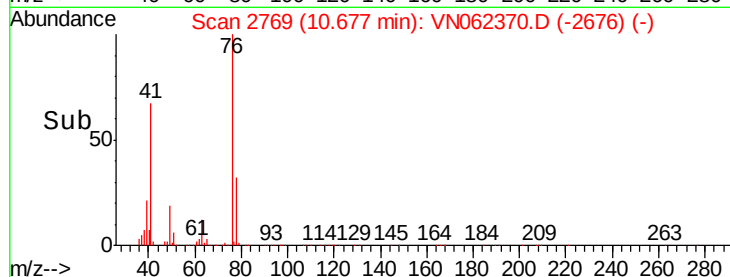
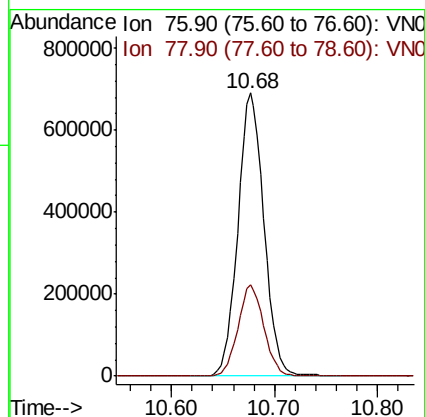
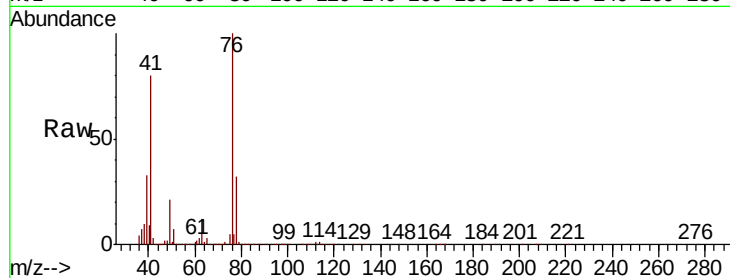
BFB

Tot Ion: 76 Resp: 1214131

Ion Ratio Lower Upper

76 100

78 31.9 25.0 37.4



#58

2-Chloroethyl Vinyl ether

Concen: 266.997 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062370.D

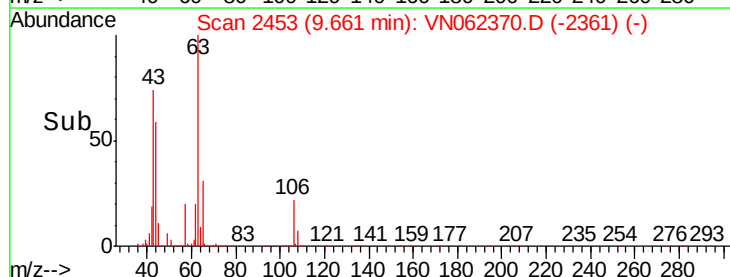
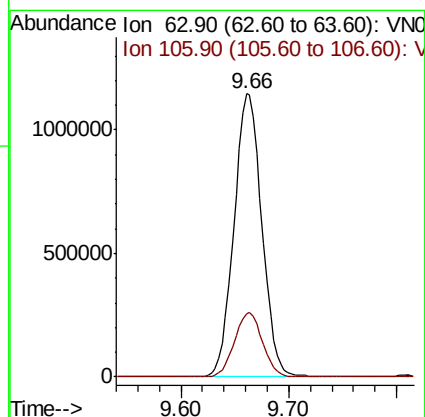
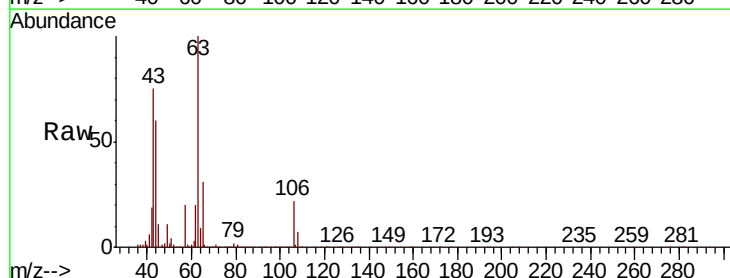
Acq: 6 Jul 2020 17:54

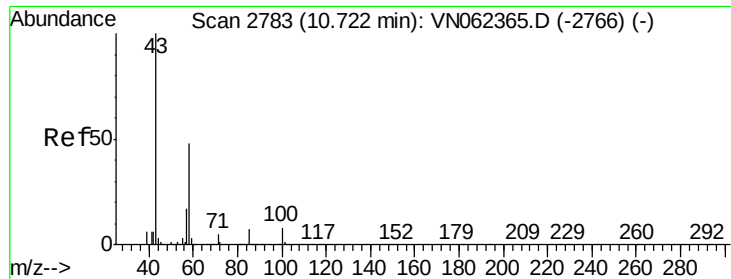
Tgt Ion: 63 Resp: 2058112

Ion Ratio Lower Upper

63 100

106 22.9 18.0 27.0

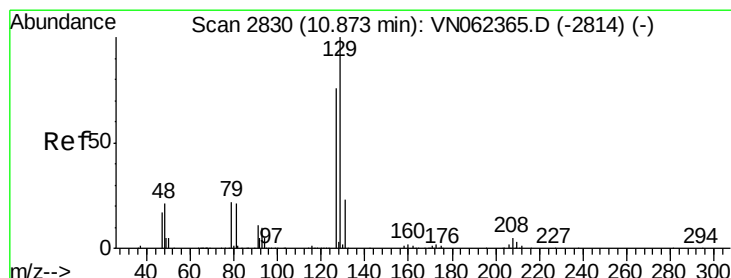
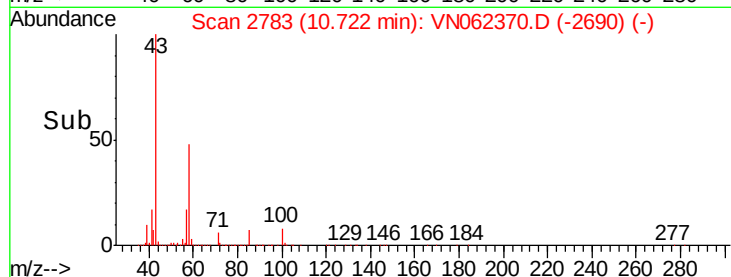
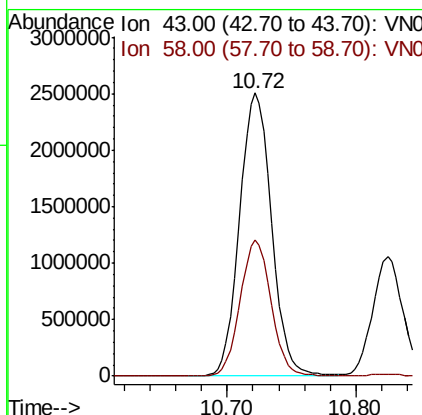
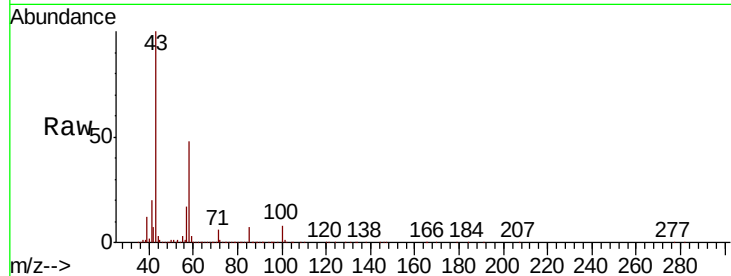




#59
2-Hexanone
Concen: 275.286 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

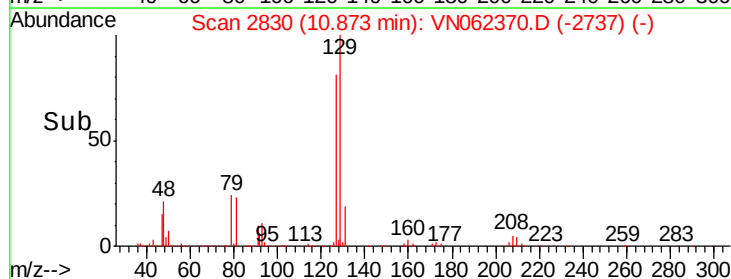
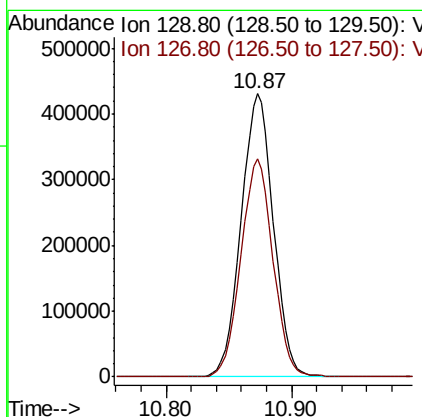
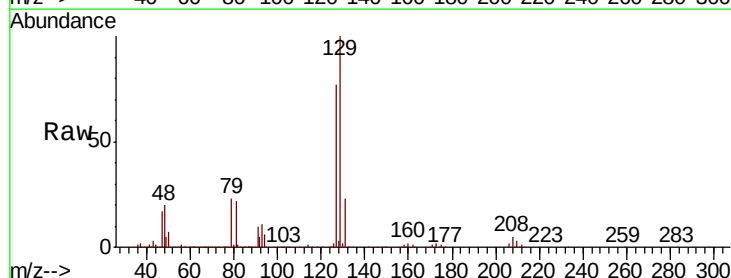
Instrument :
MSVOA_N
ClientSampled :
BFB

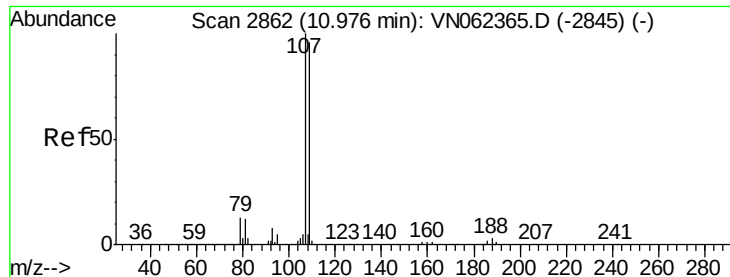
Tot Ion: 43 Resp: 4324369
Ion Ratio Lower Upper
43 100
58 46.7 23.5 70.6



#60
Dibromochloromethane
Concen: 50.807 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 129 Resp: 769866
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3

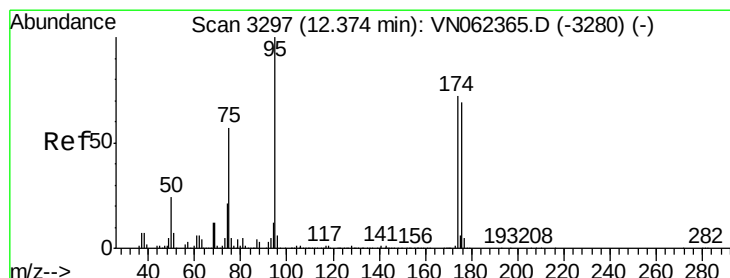
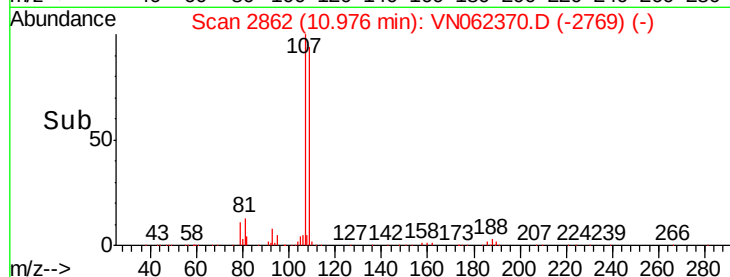
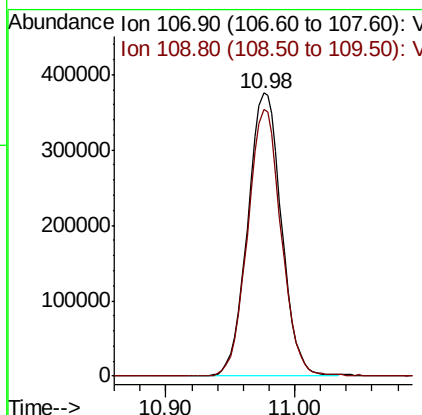
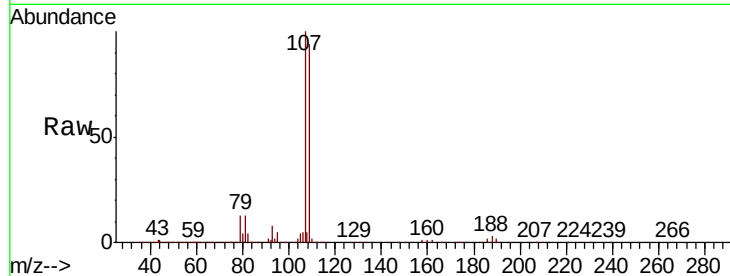




#61
 1,2-Dibromoethane
 Concen: 50.087 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

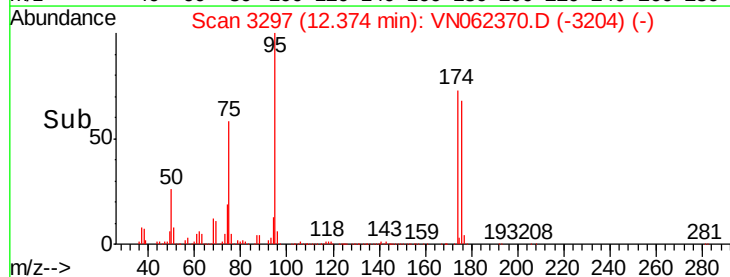
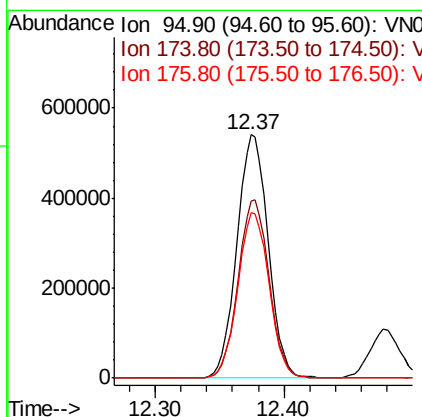
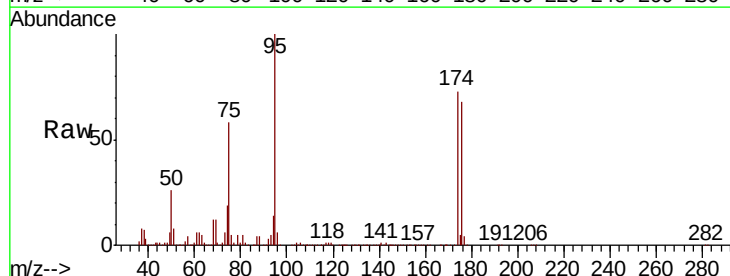
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

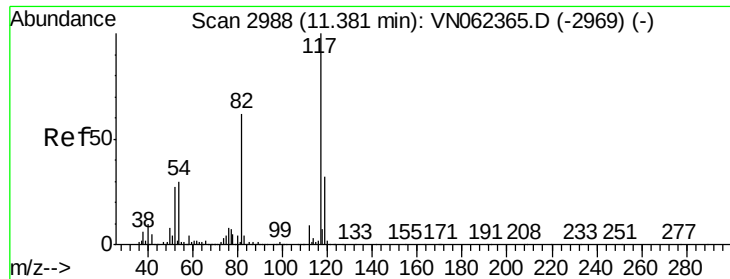
Tot Ion: 107 Resp: 684198
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 50.262 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion: 95 Resp: 913188
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 145.8
 176 68.2 0.0 140.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2987

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampled :

BFB

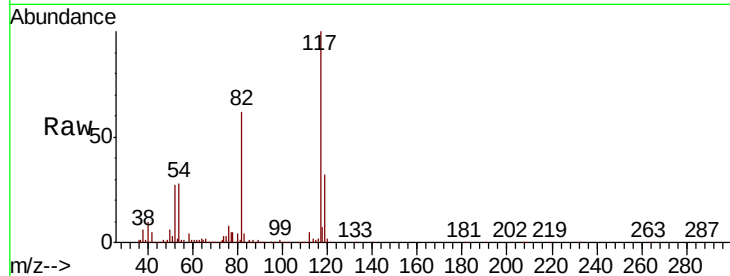
Tot Ion:117 Resp: 1758356

Ion Ratio Lower Upper

117 100

82 61.5 49.4 74.2

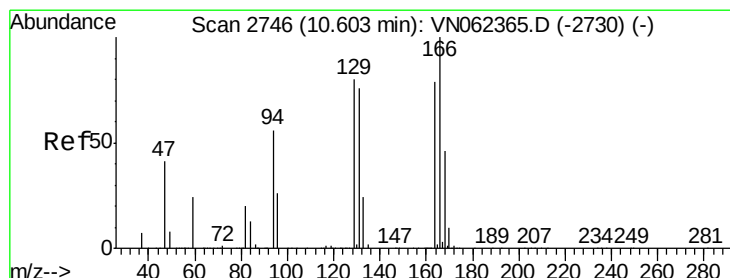
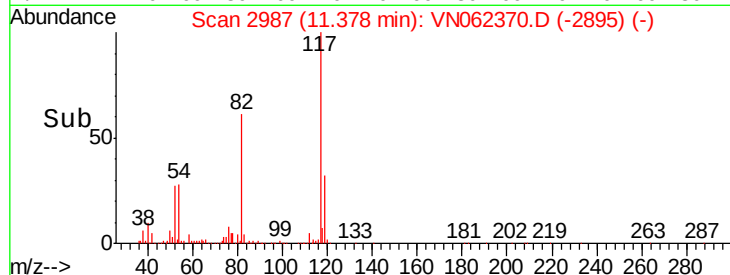
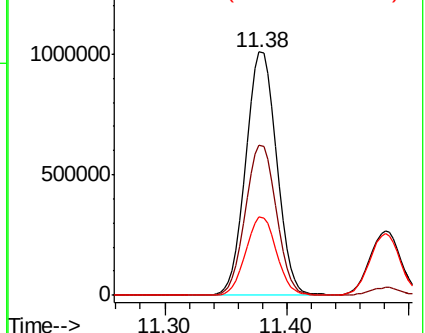
119 31.9 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 47.494 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Tgt Ion:164 Resp: 537327

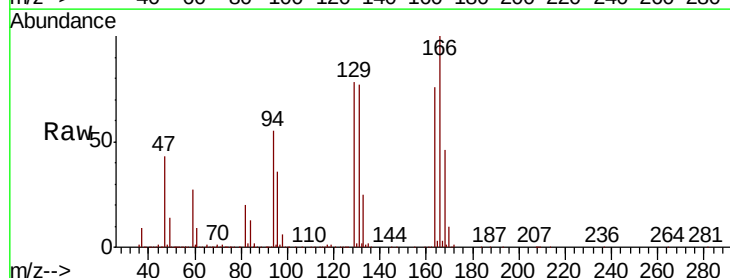
Ion Ratio Lower Upper

164 100

166 132.1 101.6 152.4

129 103.2 81.4 122.2

131 101.1 77.1 115.7

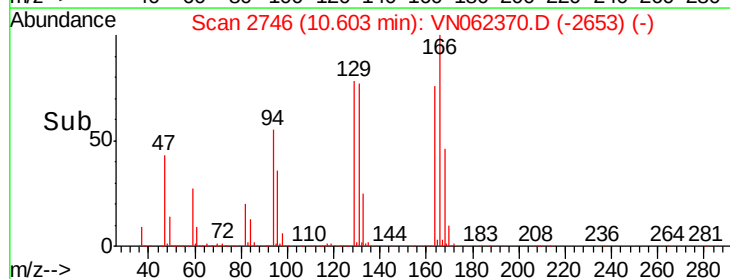
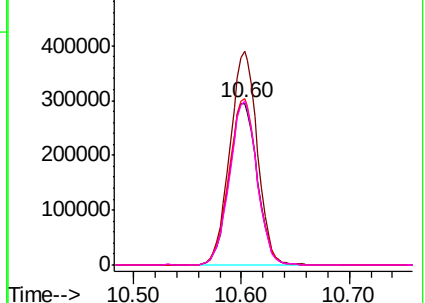


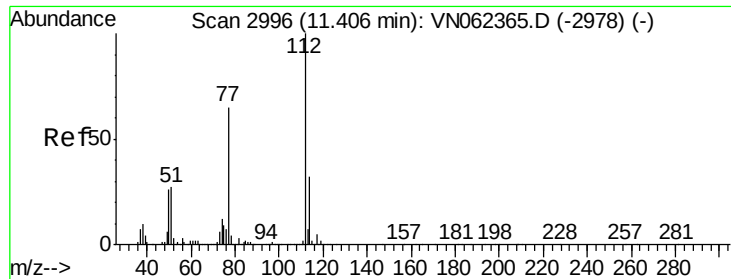
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

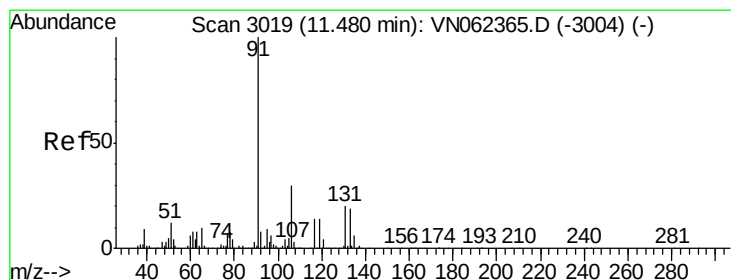
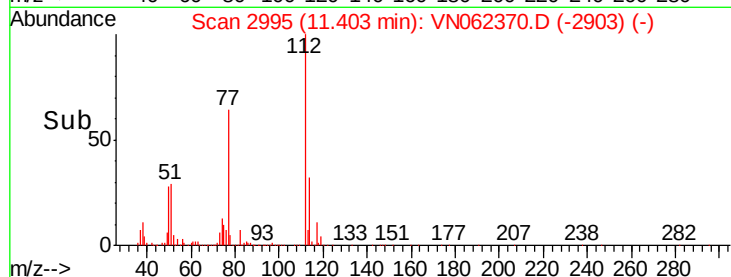
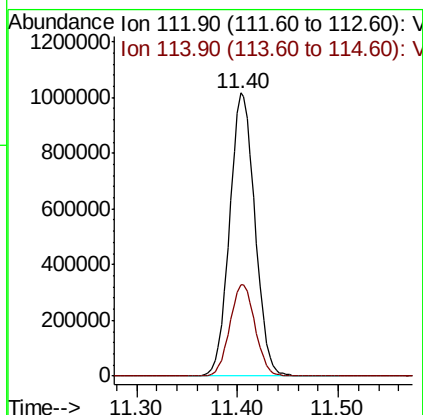
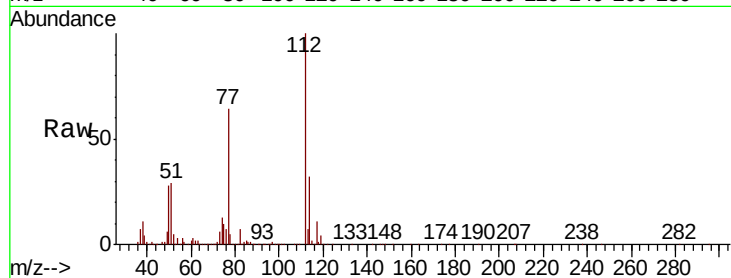




#65
Chlorobenzene
Concen: 49.295 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

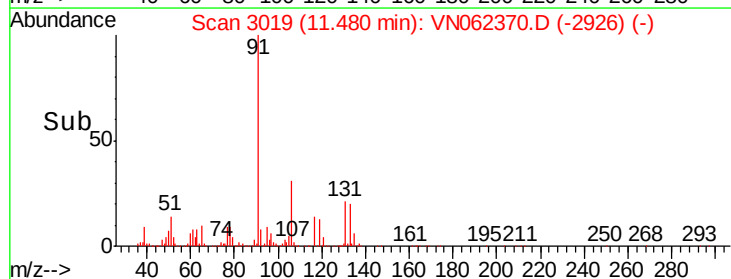
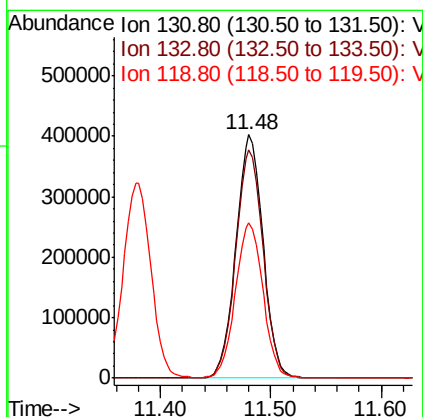
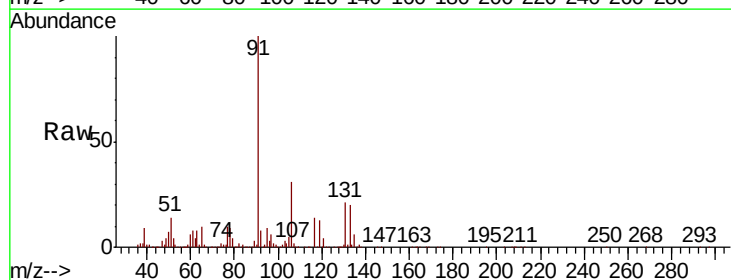
Instrument :
MSVOA_N
ClientSampled :
BFB

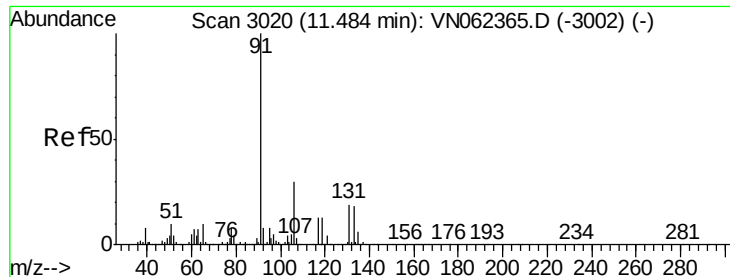
Tot Ion:112 Resp: 1777729
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.553 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion:131 Resp: 685530
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.9
119 64.7 33.3 99.9





#67

Ethyl Benzene

Concen: 52.094 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampled :

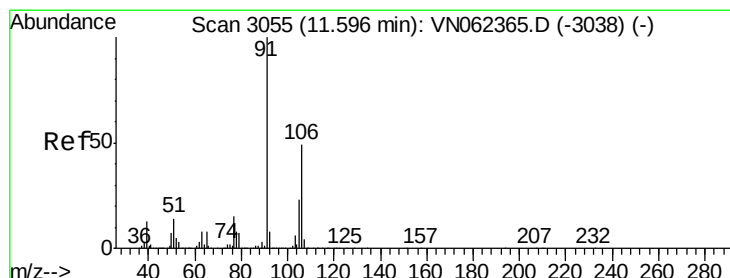
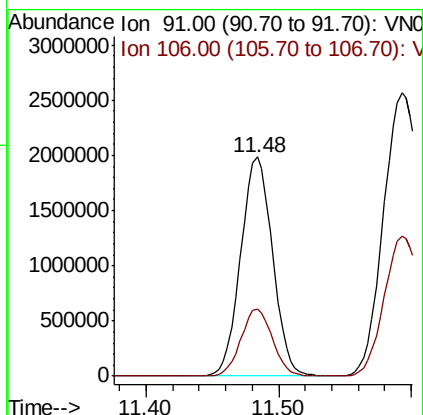
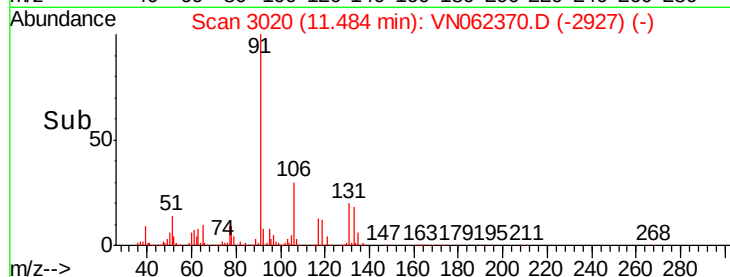
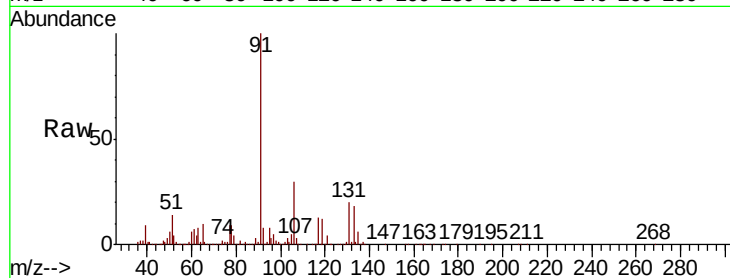
BFB

Tot Ion: 91 Resp: 3317356

Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.2



#68

m/p-Xylenes

Concen: 105.685 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062370.D

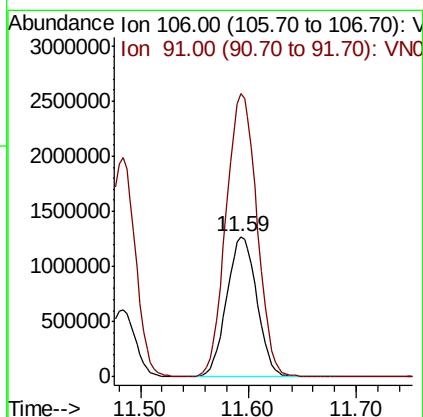
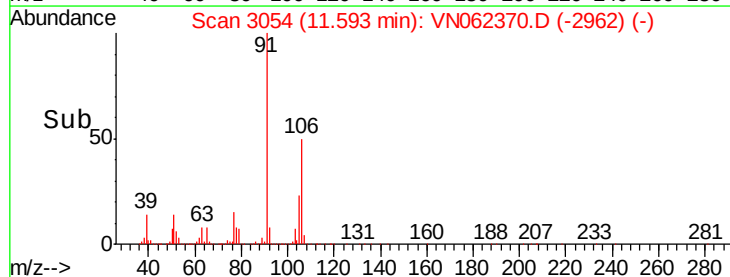
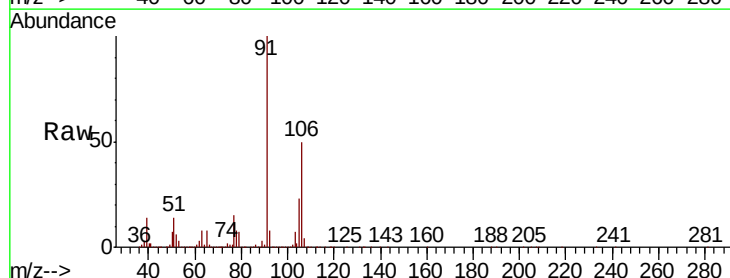
Acq: 6 Jul 2020 17:54

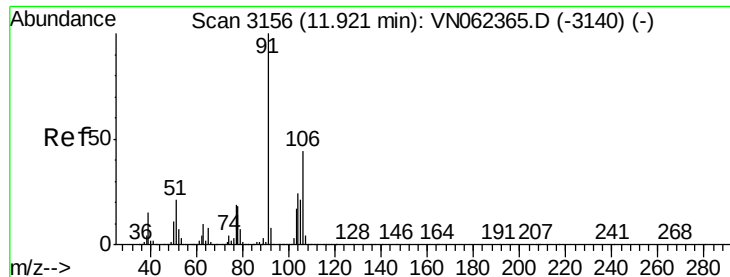
Tgt Ion: 106 Resp: 2473729

Ion Ratio Lower Upper

106 100

91 206.9 165.4 248.2

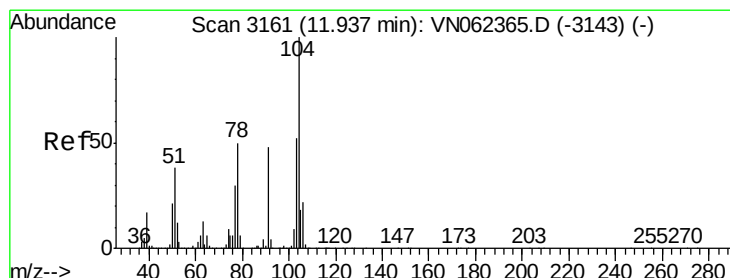
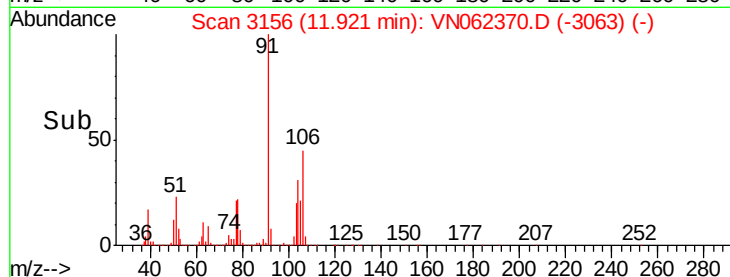
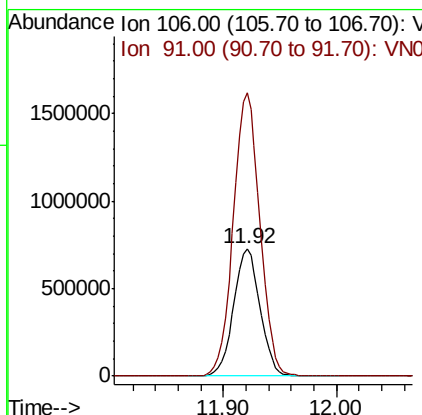
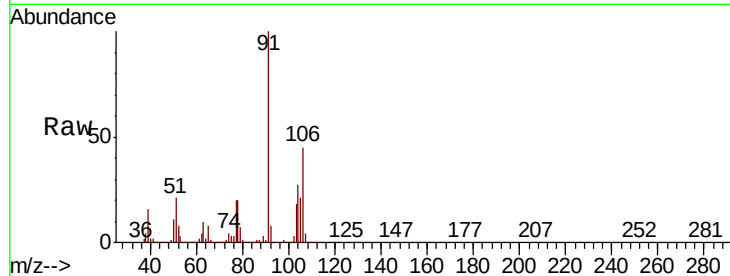




#69
o-Xylene
Concen: 51.177 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

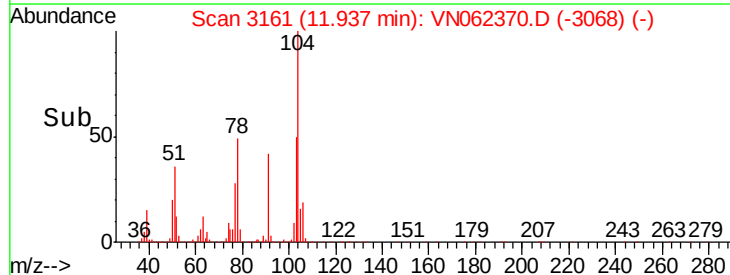
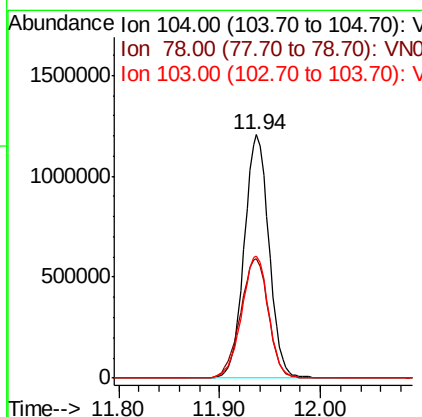
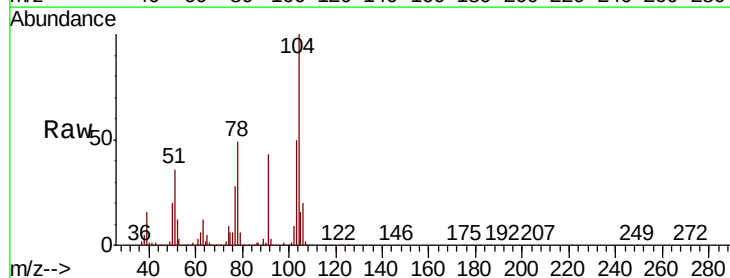
Instrument :
MSVOA_N
ClientSampleId :
BFB

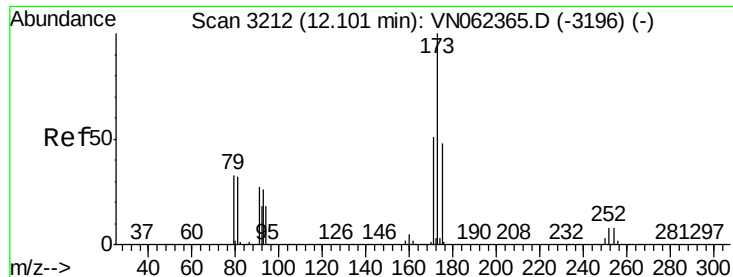
Tot Ion:106 Resp: 1178238
Ion Ratio Lower Upper
106 100
91 223.9 113.1 339.4



#70
Styrene
Concen: 53.526 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion:104 Resp: 2036325
Ion Ratio Lower Upper
104 100
78 55.7 44.8 67.2
103 54.4 45.0 67.4





#71

Bromoform

Concen: 49.738 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

BFB

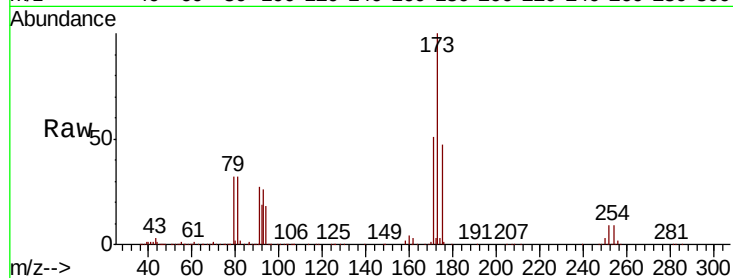
Tot Ion:173 Resp: 529567

Ion Ratio Lower Upper

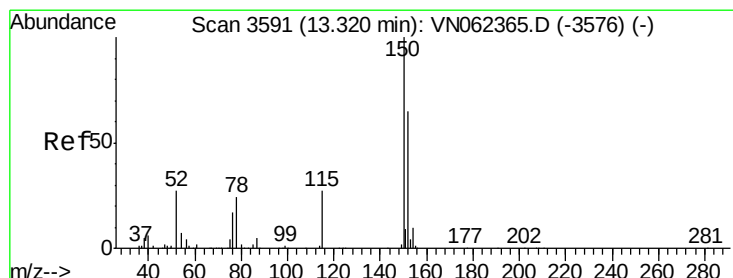
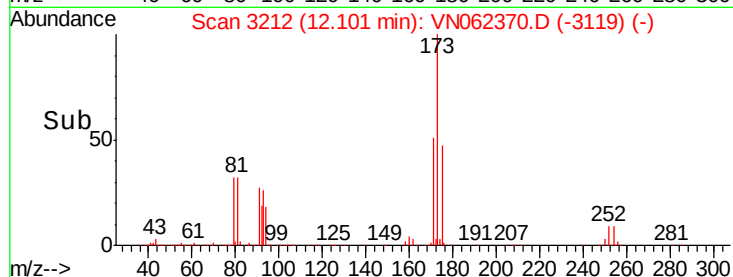
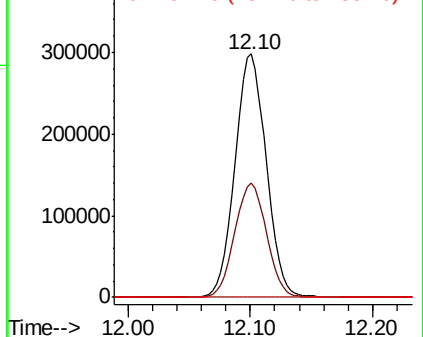
173 100

175 47.7 24.1 72.2

254 0.1 0.2 0.2#



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: VN062370.D

Acq: 6 Jul 2020 17:54

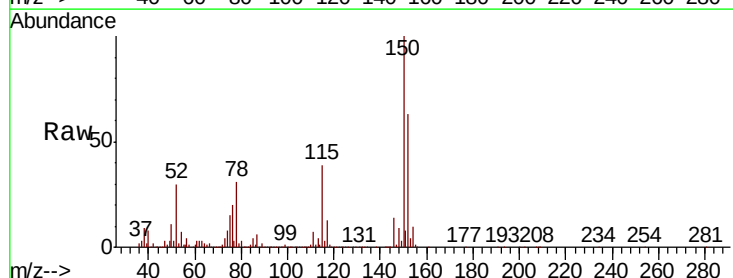
Tgt Ion:152 Resp: 861425

Ion Ratio Lower Upper

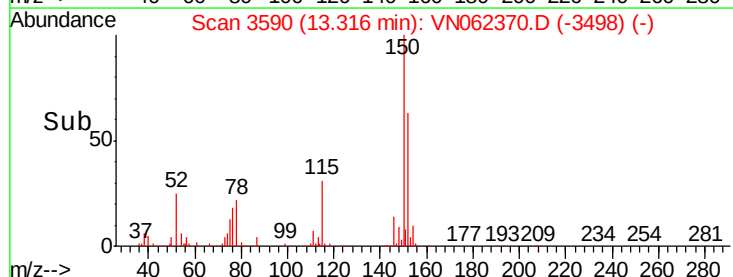
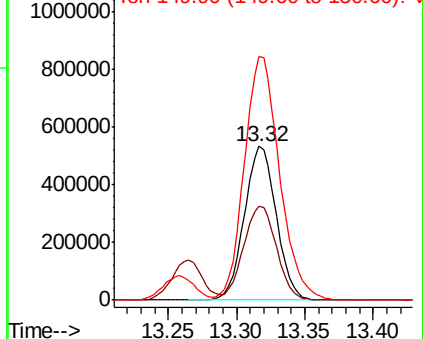
152 100

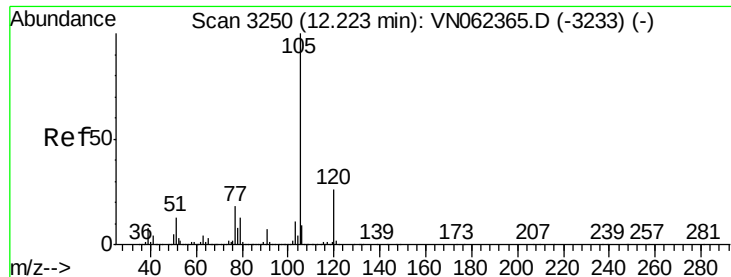
115 63.3 30.5 91.5

150 175.3 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.934 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

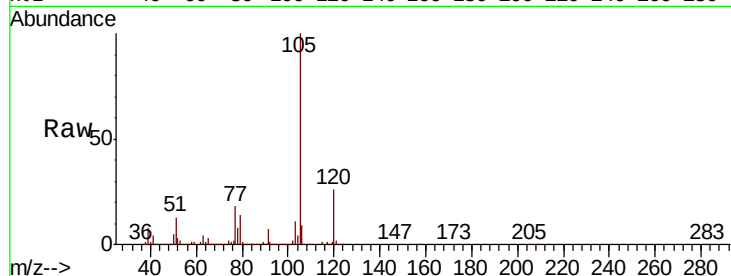
BFB

Tot Ion:105 Resp: 3195932

Ion Ratio Lower Upper

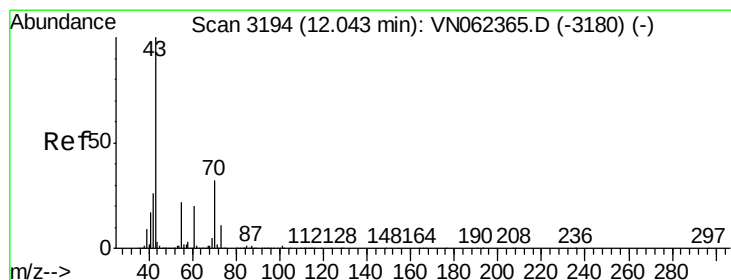
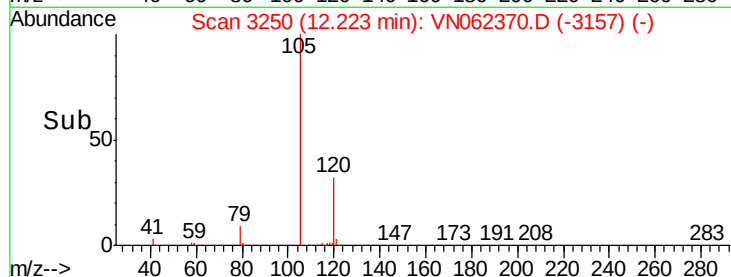
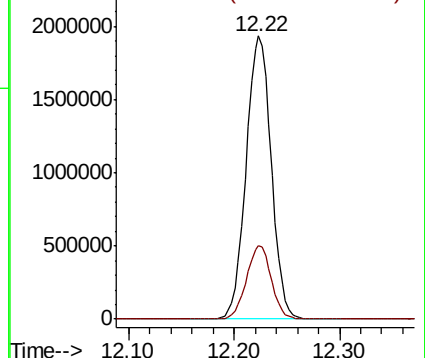
105 100

120 25.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.129 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Tgt Ion: 43 Resp: 1784992

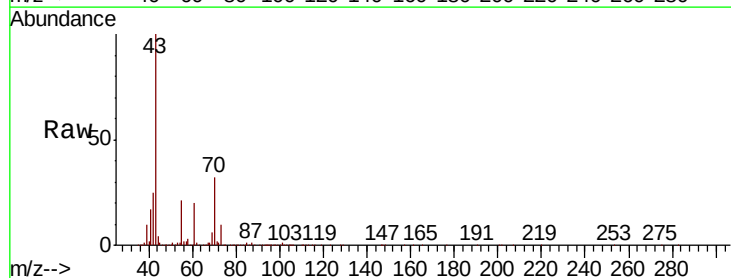
Ion Ratio Lower Upper

43 100

70 32.2 25.9 38.9

55 21.5 17.4 26.0

61 19.6 15.6 23.4

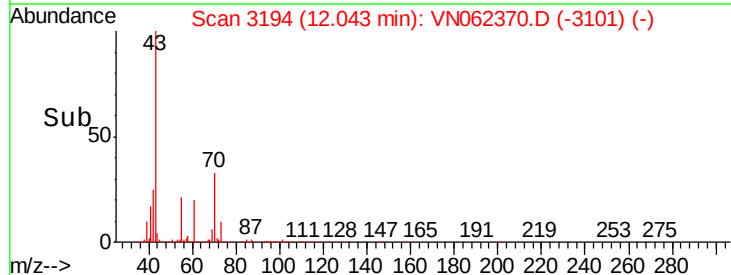
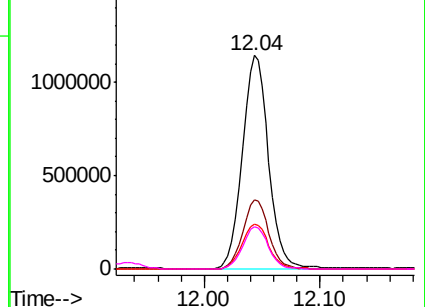


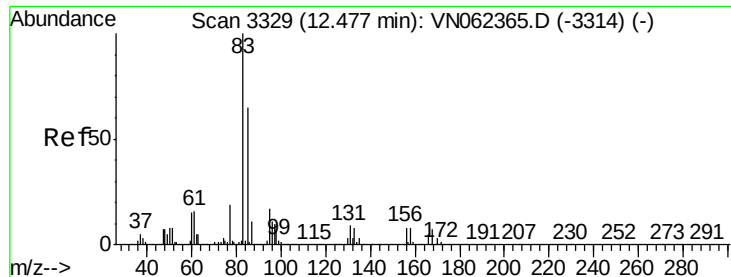
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.132 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampled :

BFB

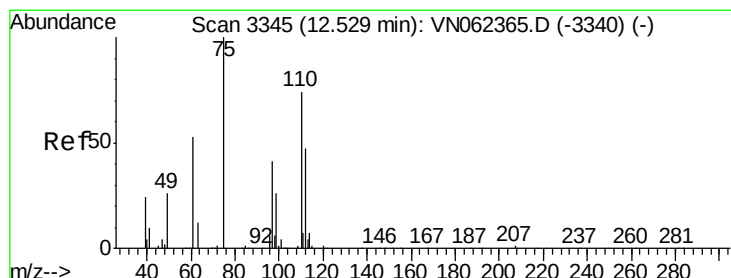
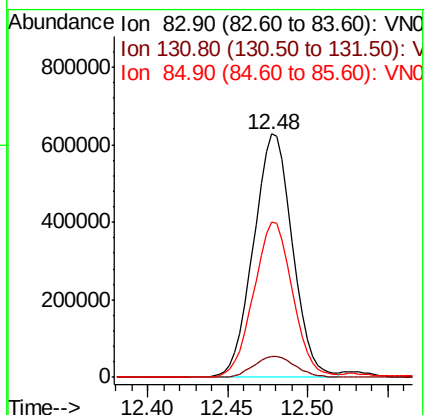
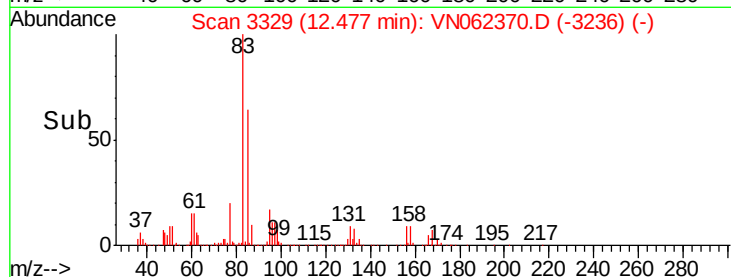
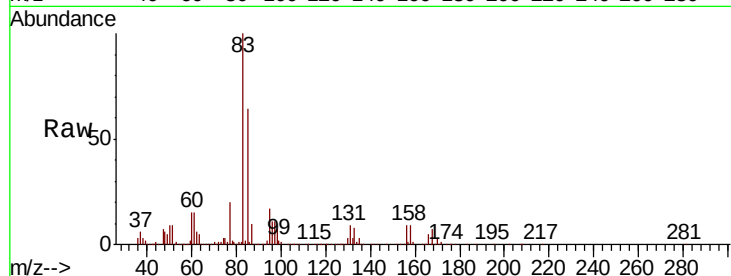
Tot Ion: 83 Resp: 1050405

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.8	14.3
85	63.7	32.3	96.9

83 100

131 9.4 4.8 14.3

85 63.7 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 67.778 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062370.D

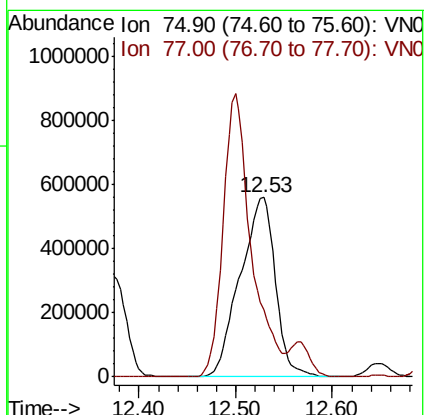
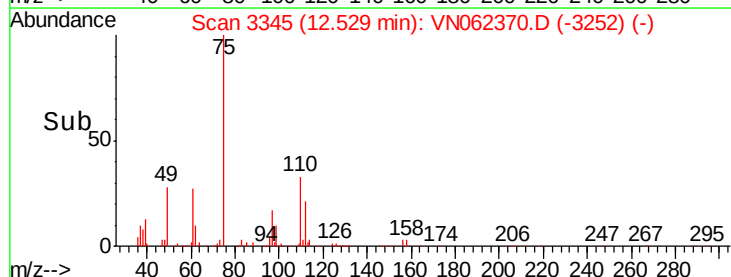
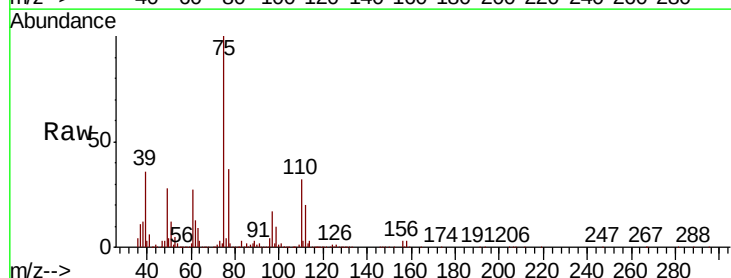
Acq: 6 Jul 2020 17:54

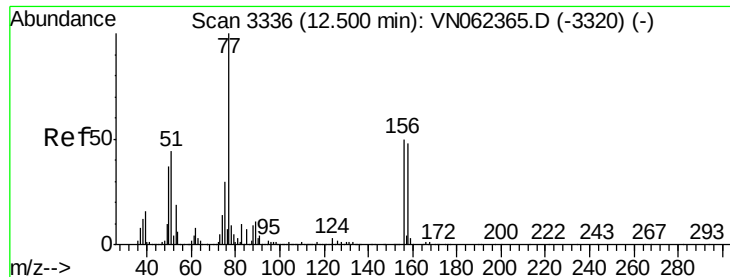
Tgt Ion: 75 Resp: 1410250

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.917 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampled :

BFB

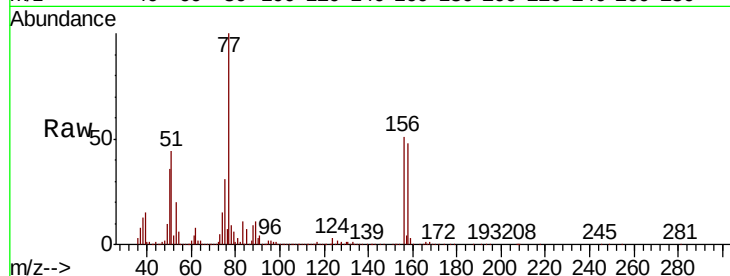
Tot Ion:156 Resp: 751754

Ion Ratio Lower Upper

156 100

77 238.3 123.3 369.8

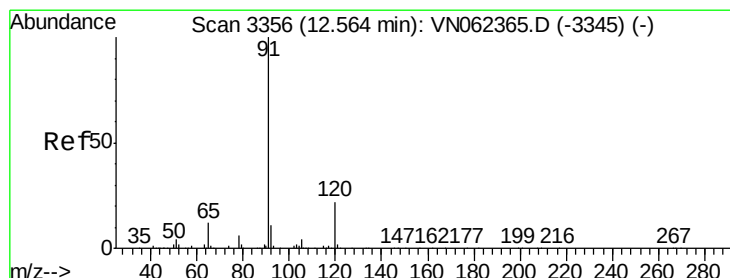
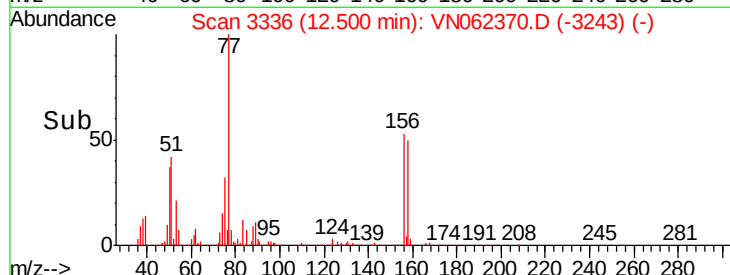
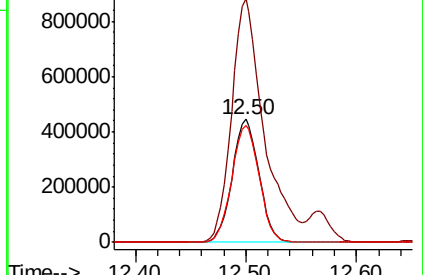
158 96.9 49.6 148.8



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: 50.567 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062370.D

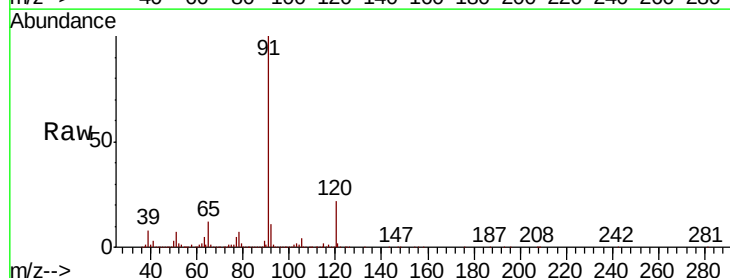
Acq: 6 Jul 2020 17:54

Tgt Ion: 91 Resp: 3785929

Ion Ratio Lower Upper

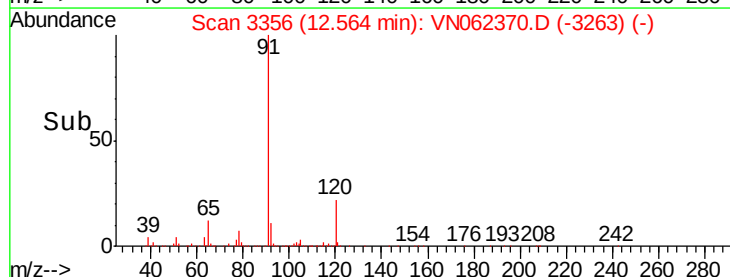
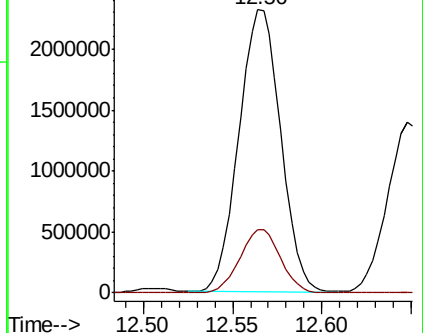
91 100

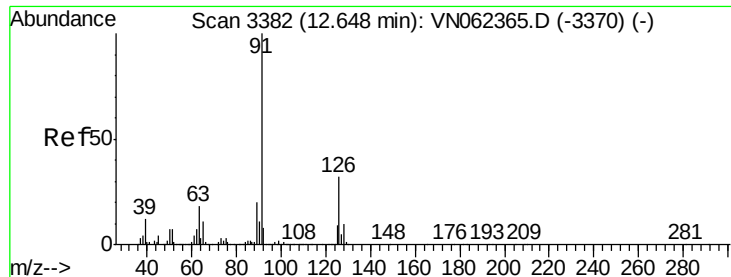
120 21.9 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

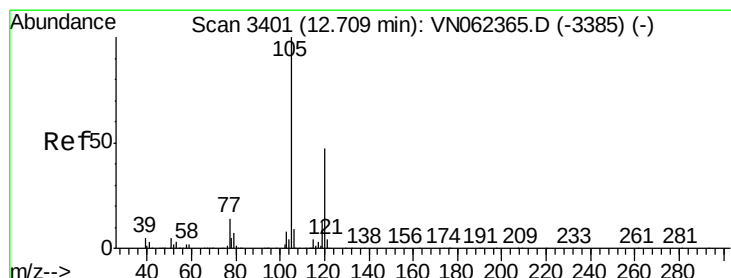
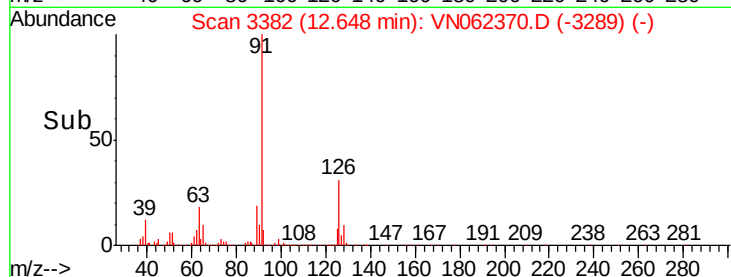
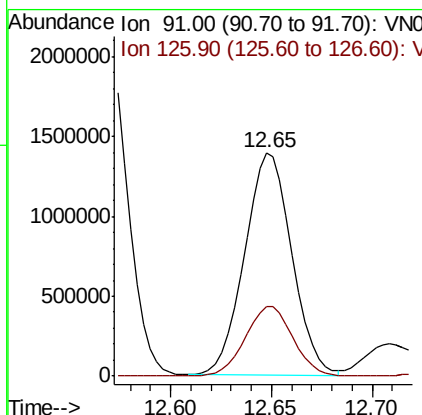
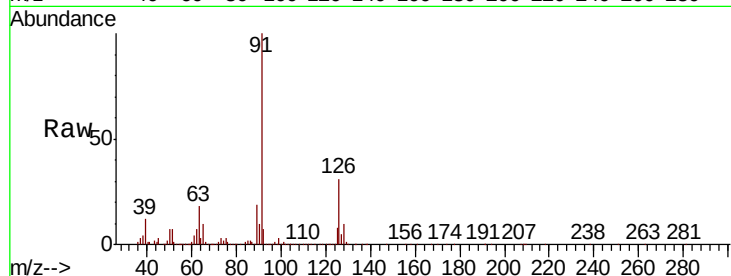




#79
 2-Chlorotoluene
 Concen: 49.321 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

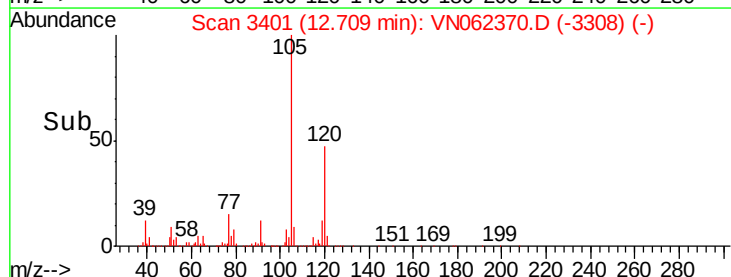
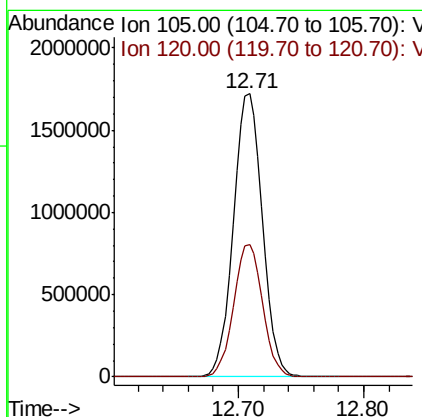
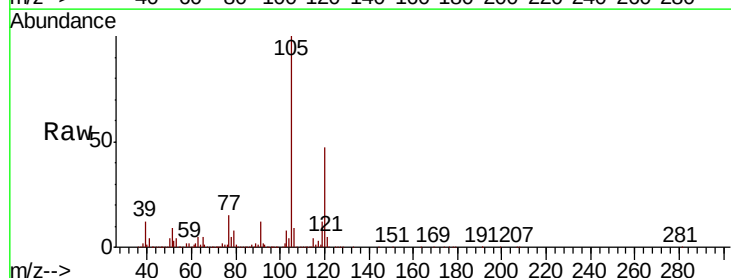
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

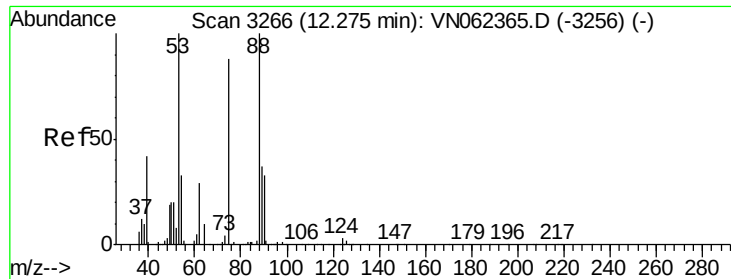
Tot Ion: 91 Resp: 2281817
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.8 47.4



#80
 1,3,5-Trimethylbenzene
 Concen: 51.300 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion: 105 Resp: 2749202
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.327 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampled :

BFB

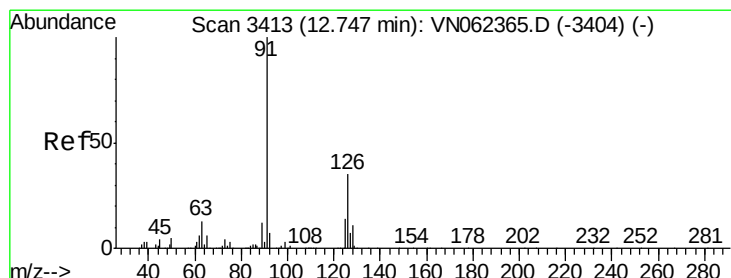
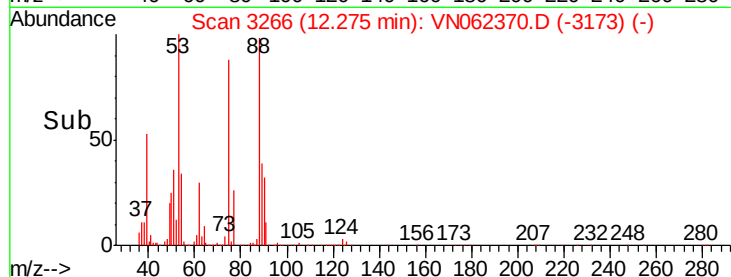
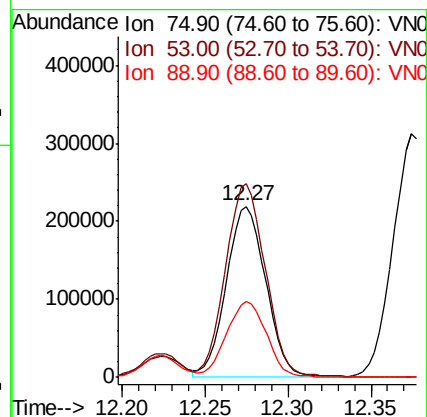
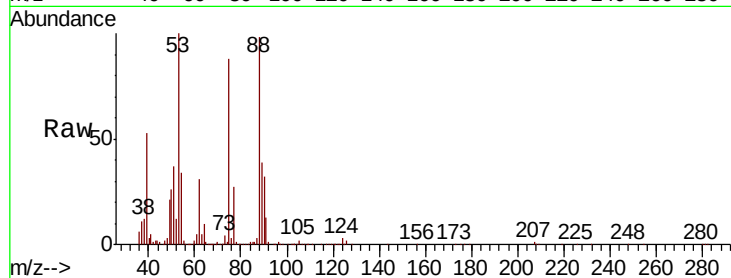
Tot Ion: 75 Resp: 358893

Ion Ratio Lower Upper

75 100

53 115.5 92.3 138.5

89 45.3 37.0 55.4



#82

4-Chlorotoluene

Concen: 50.685 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062370.D

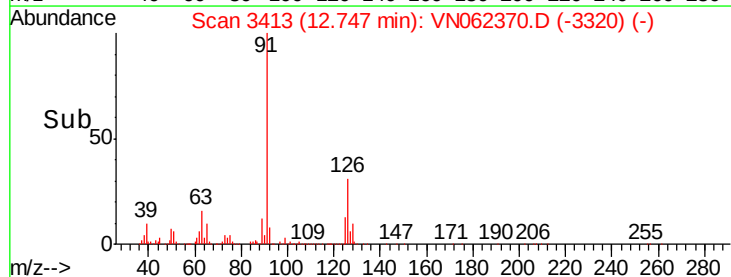
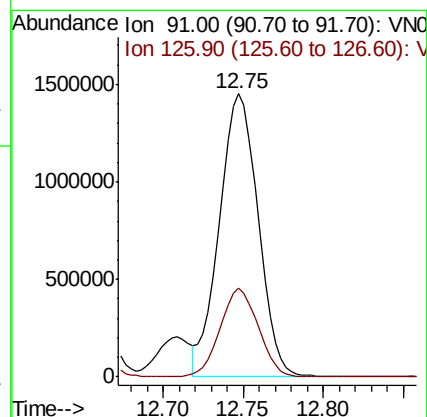
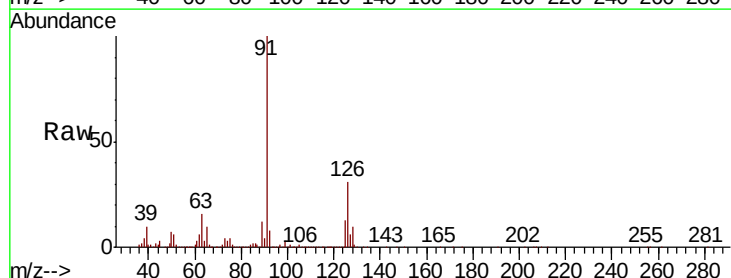
Acq: 6 Jul 2020 17:54

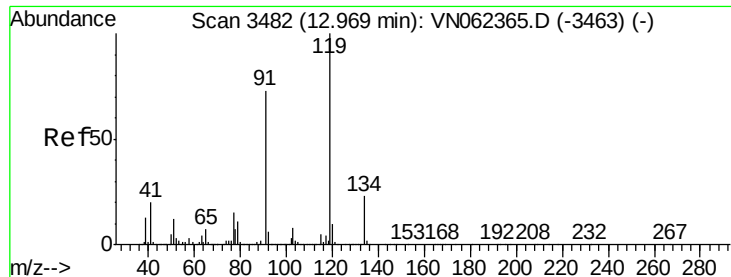
Tgt Ion: 91 Resp: 2398431

Ion Ratio Lower Upper

91 100

126 30.8 15.6 46.7

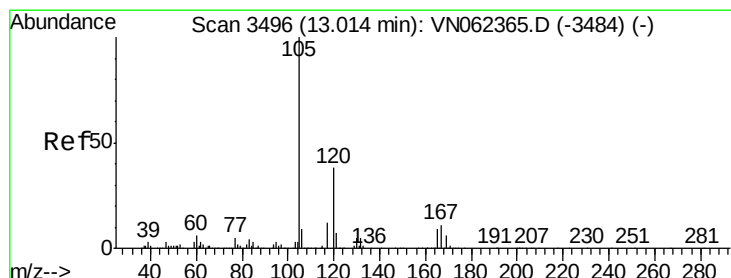
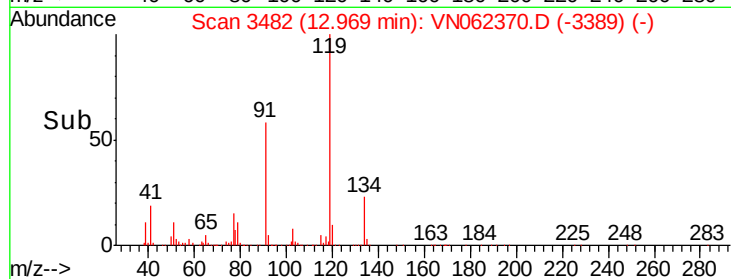
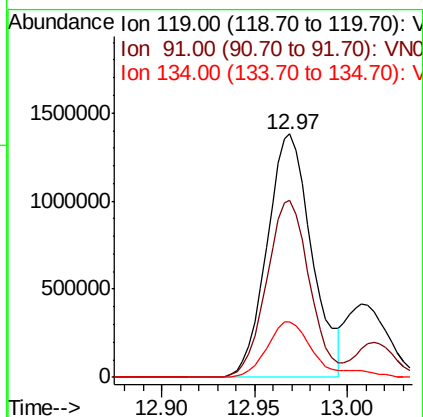
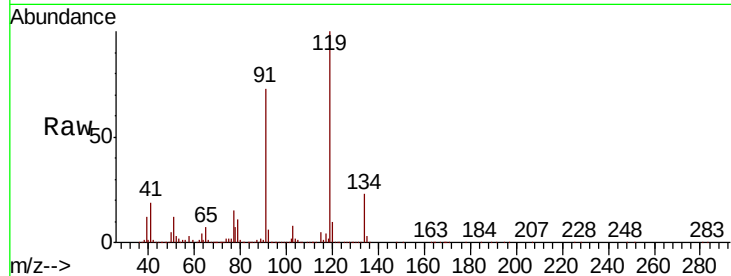




#83
 tert-Butylbenzene
 Concen: 51.147 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

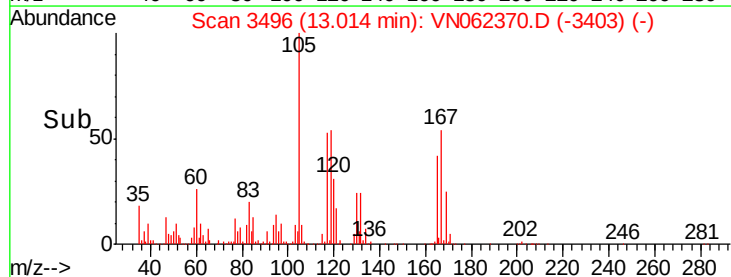
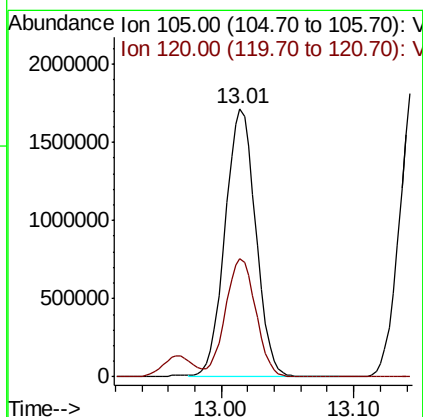
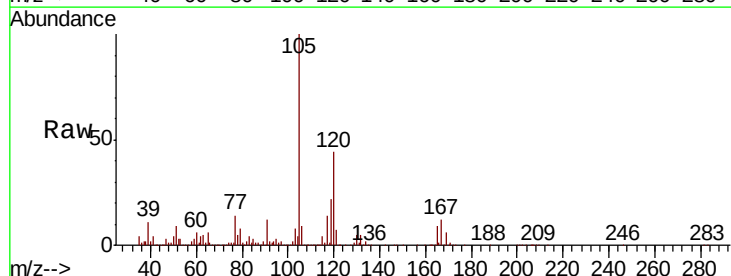
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

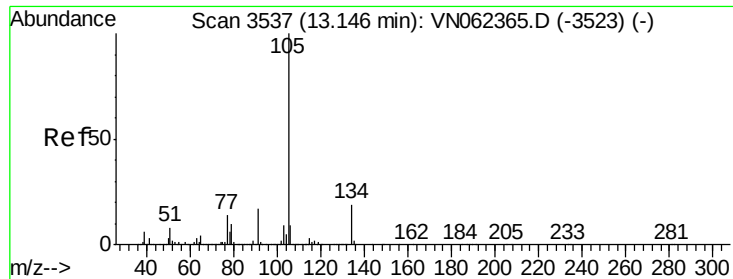
Tot Ion:119 Resp: 2322880
 Ion Ratio Lower Upper
 119 100
 91 70.3 36.4 109.1
 134 22.5 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.834 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion:105 Resp: 2746039
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 52.919 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

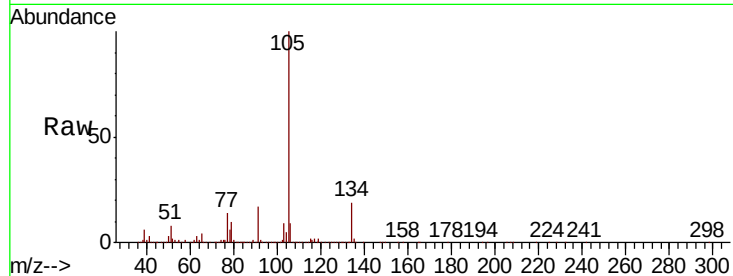
BFB

Tot Ion:105 Resp: 3078583

Ion Ratio Lower Upper

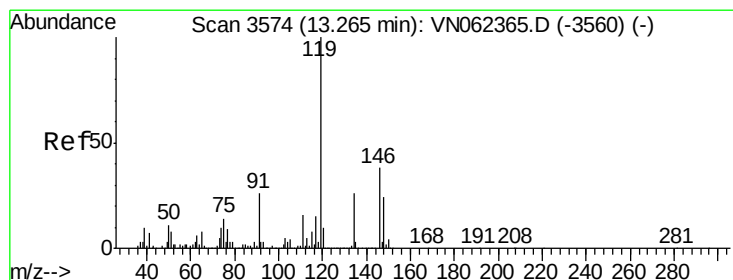
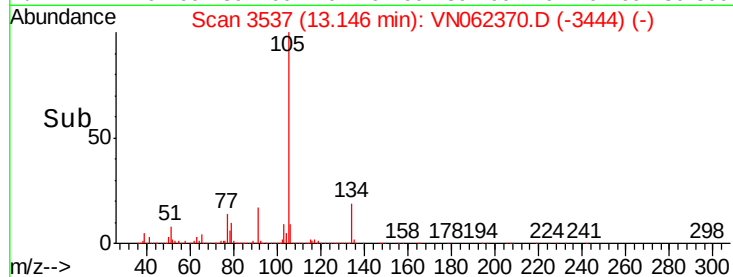
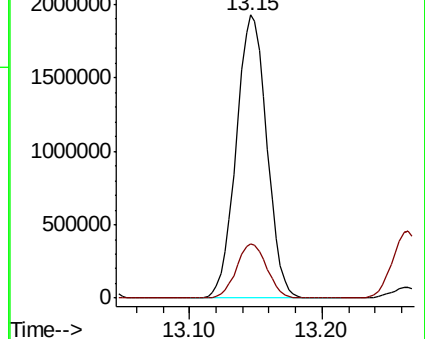
105 100

134 19.1 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.034 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

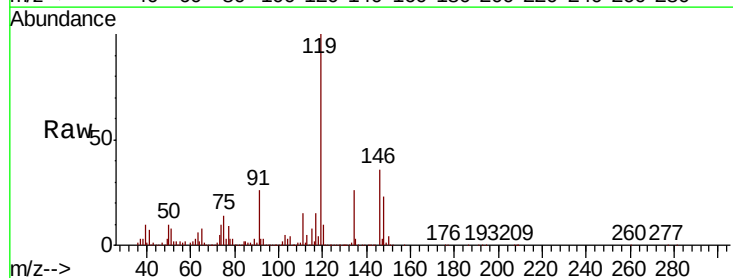
Tgt Ion:119 Resp: 2780629

Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.1

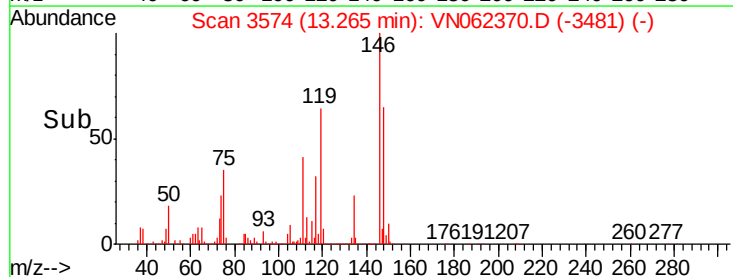
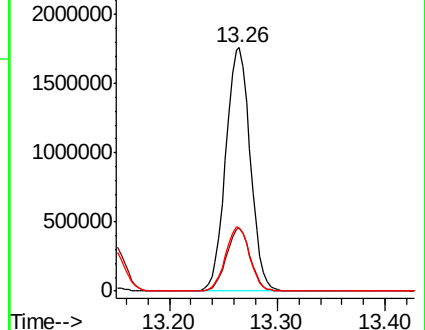
91 25.7 13.1 39.3

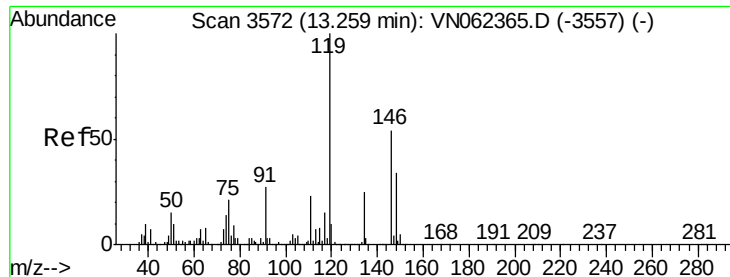


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

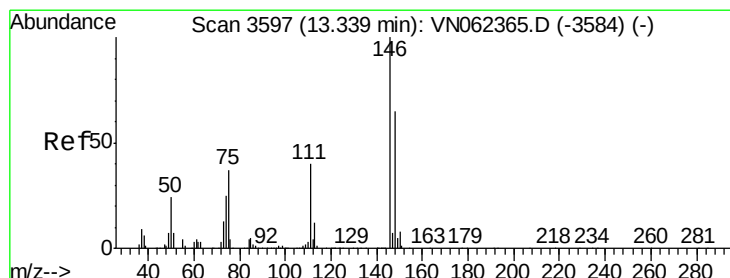
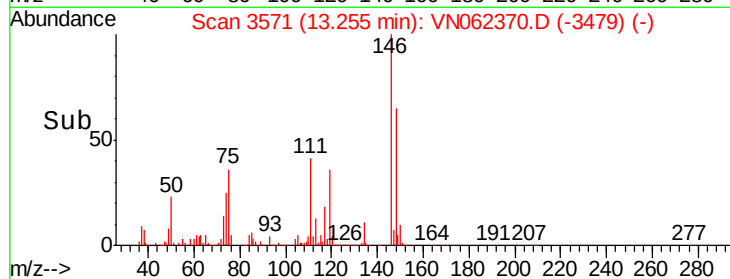
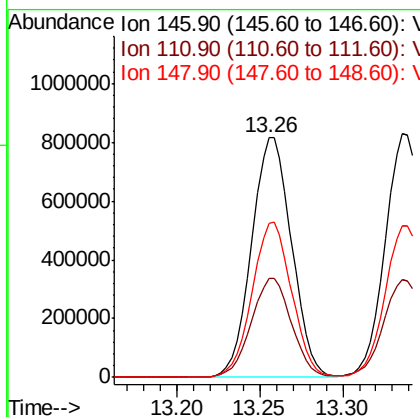
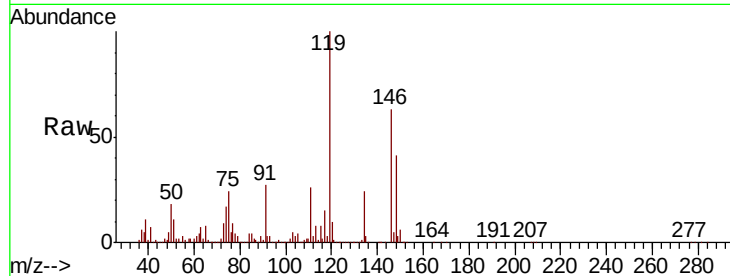




#87
 1,3-Dichlorobenzene
 Concen: 50.428 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

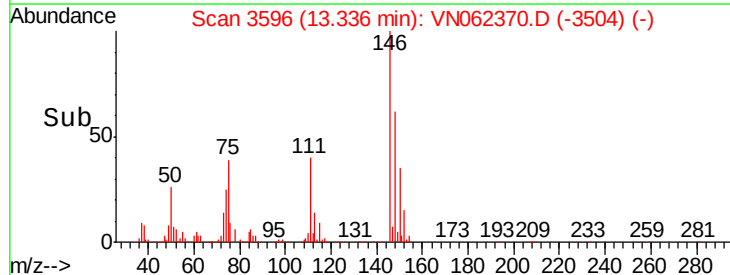
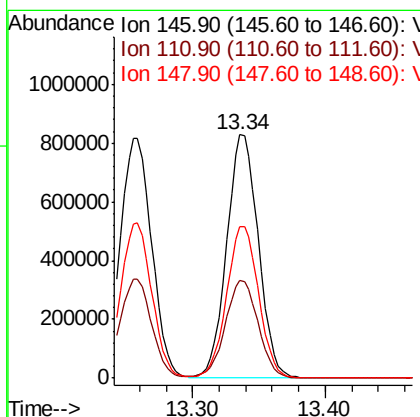
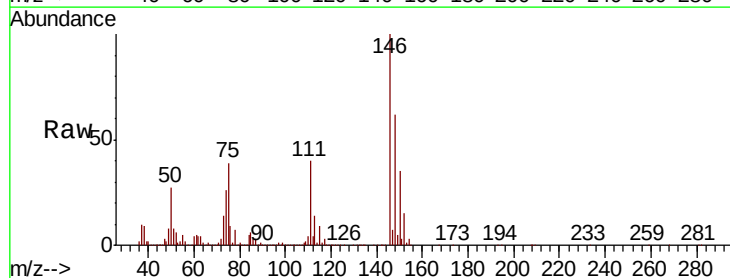
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

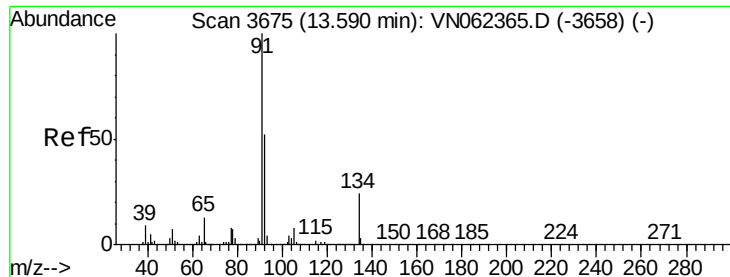
Tot Ion:146 Resp: 1366865
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.3 63.9
 148 63.8 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 48.897 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion:146 Resp: 1369651
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.6 61.8
 148 63.1 31.8 95.4

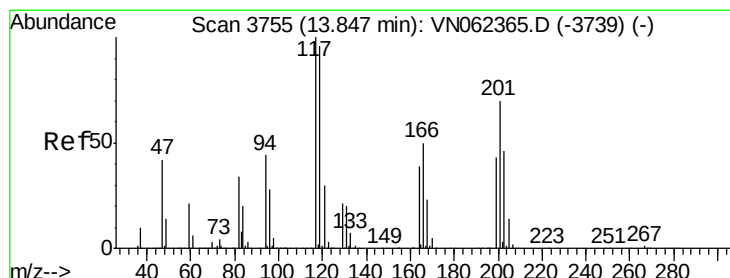
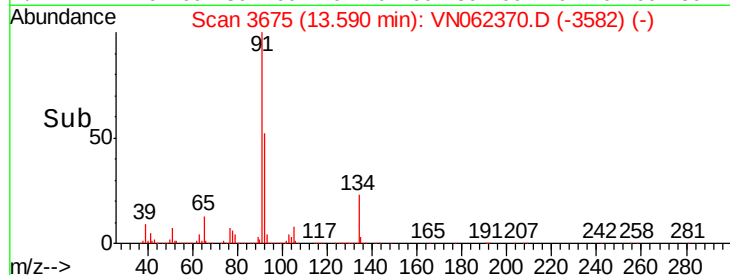
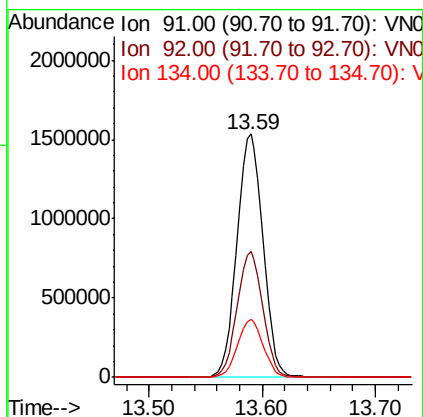
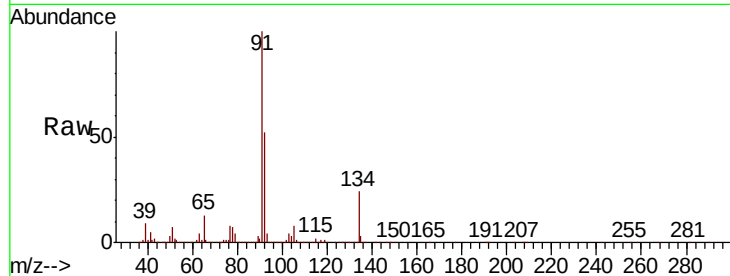




#89
n-Butylbenzene
Concen: 54.483 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

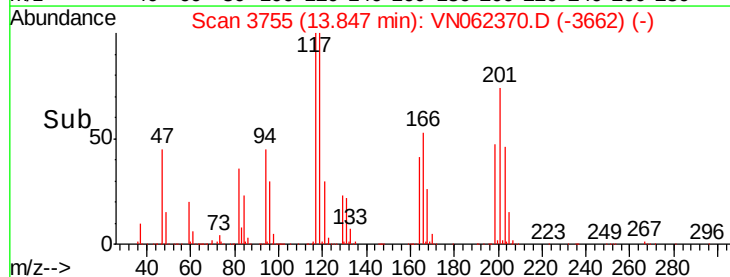
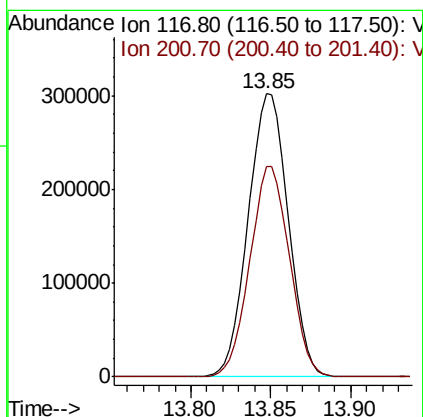
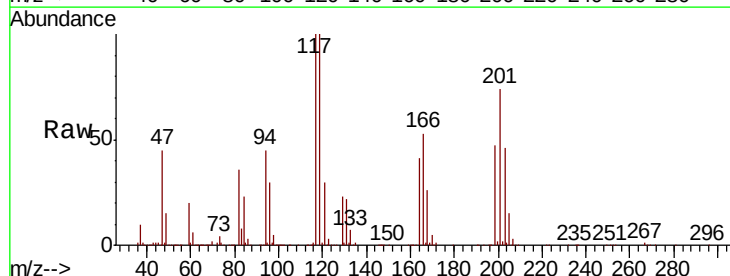
Instrument :
MSVOA_N
ClientSampleId :
BFB

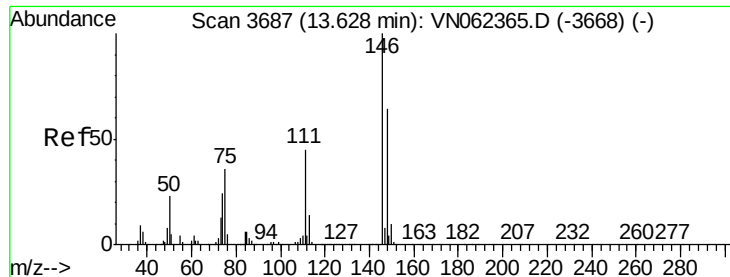
Tot Ion: 91 Resp: 2466702
Ion Ratio Lower Upper
91 100
92 51.1 25.7 77.1
134 23.4 11.7 35.1



#90
Hexachloroethane
Concen: 46.219 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 117 Resp: 518191
Ion Ratio Lower Upper
117 100
201 73.7 35.4 106.2

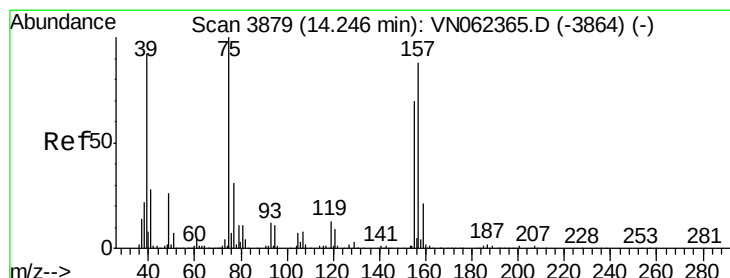
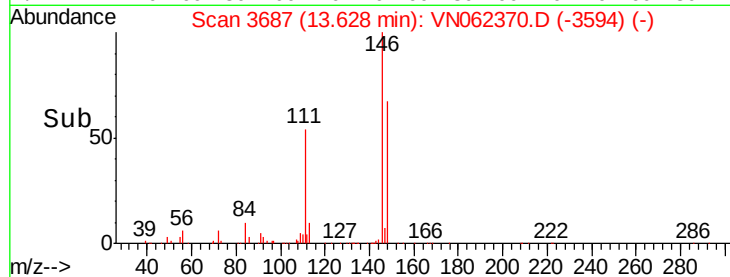
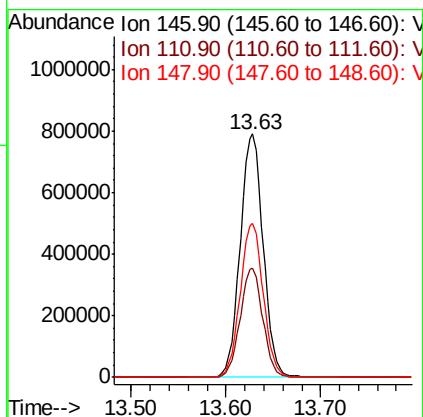
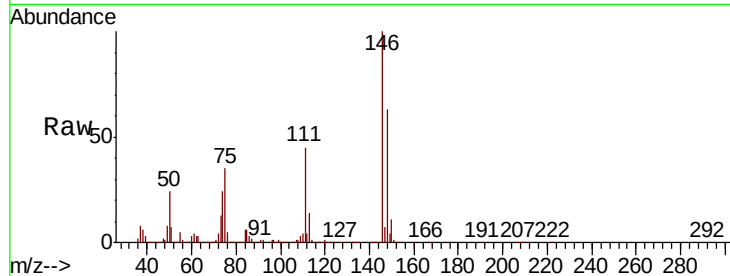




#91
 1,2-Dichlorobenzene
 Concen: 51.320 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

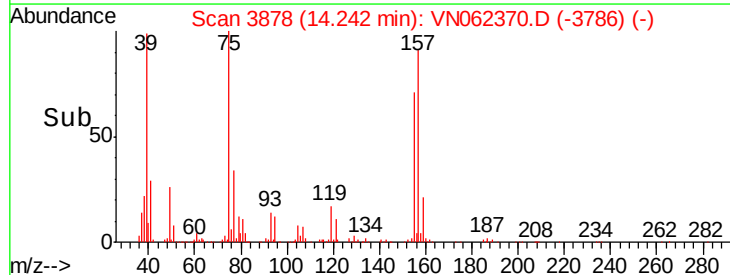
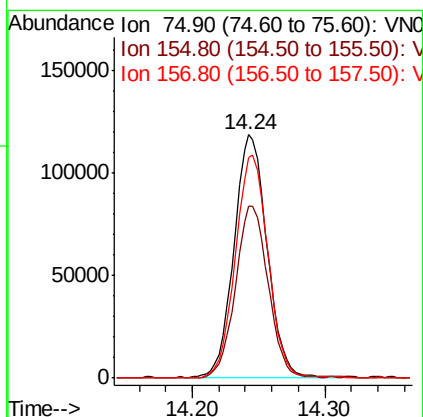
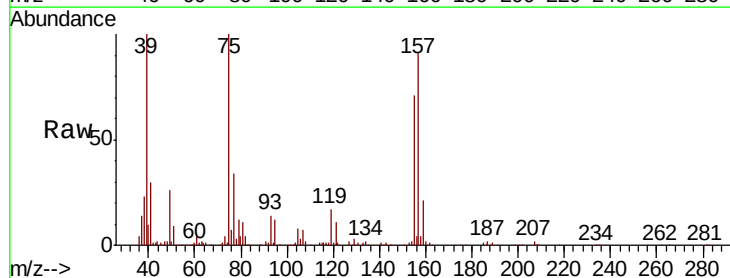
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

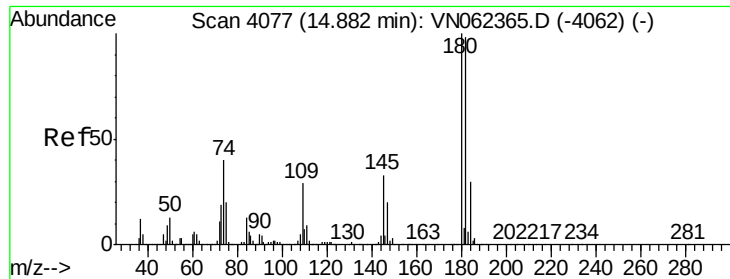
Tot Ion:146 Resp: 1332155
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.3 66.9
 148 63.2 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.448 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion: 75 Resp: 202868
 Ion Ratio Lower Upper
 75 100
 155 70.6 34.1 102.2
 157 91.5 43.3 129.8

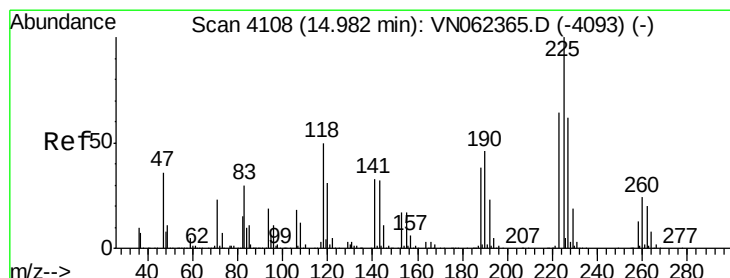
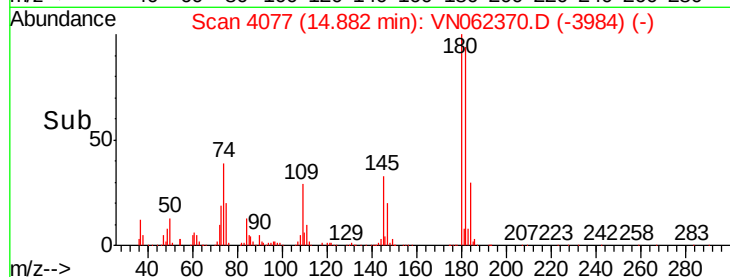
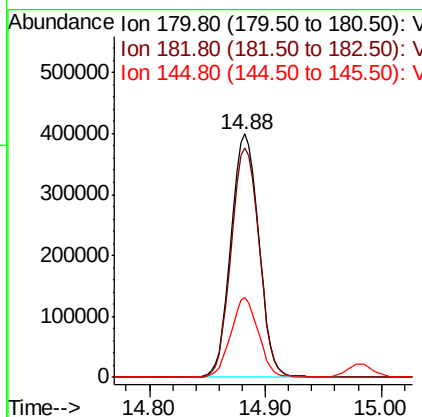
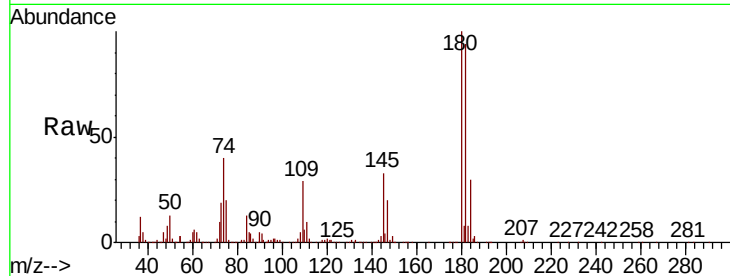




#93
 1,2,4-Trichlorobenzene
 Concen: 48.135 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

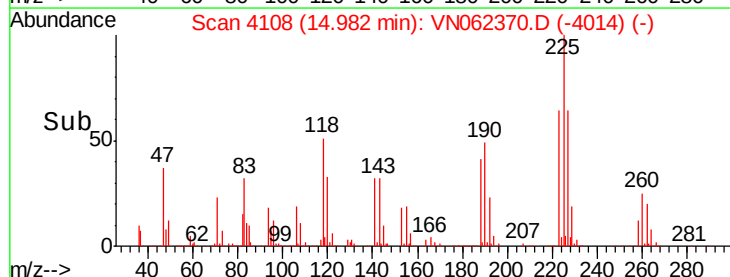
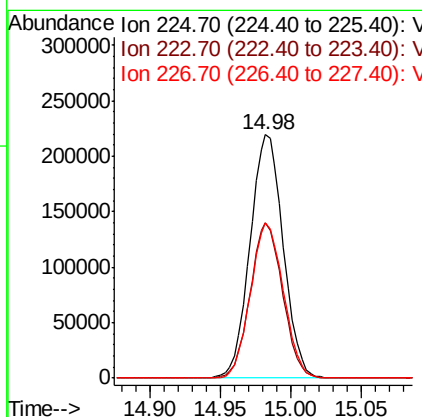
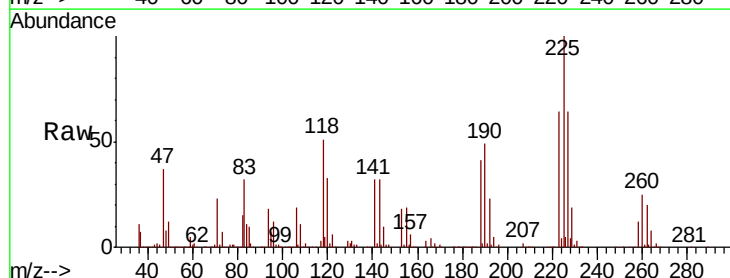
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

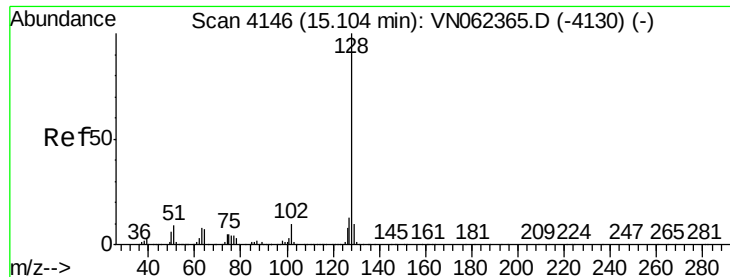
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.8
145	32.5	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 52.597 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.7	95.1
227	63.2	30.3	90.8





#95

Naphthalene

Concen: 47.781 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampled :

BFB

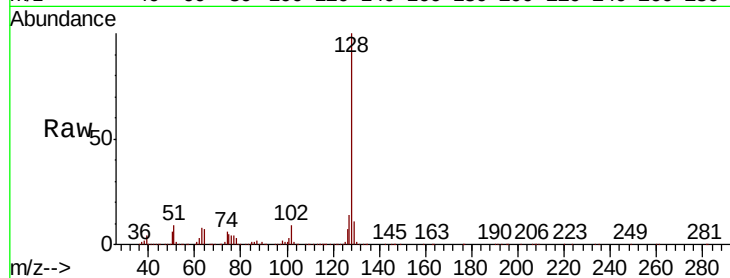
Tot Ion:128 Resp: 1750266

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	10.9	8.6	12.8

128 100

127 13.5 10.8 16.2

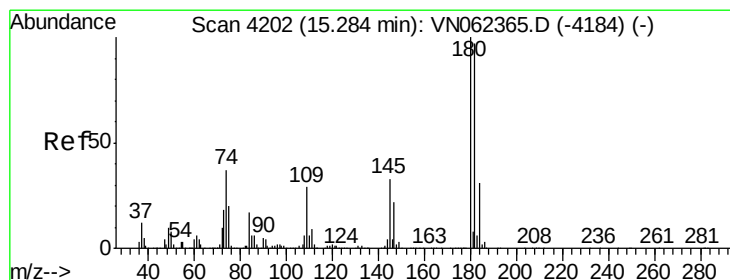
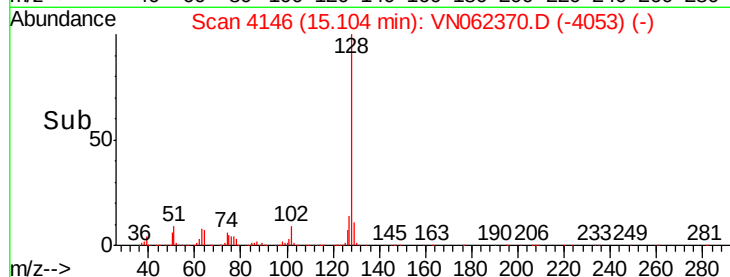
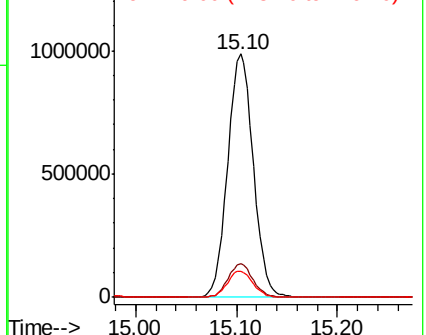
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.374 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

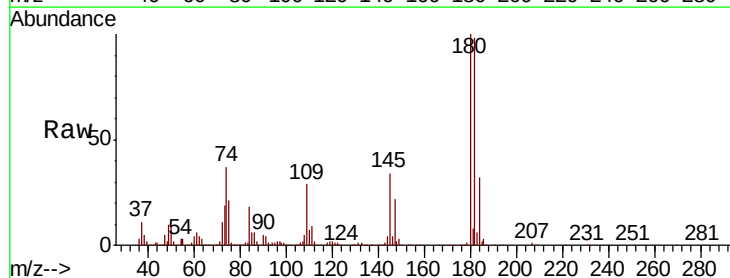
Tgt Ion:180 Resp: 654367

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.9	143.7
145	33.2	16.4	49.2

180 100

182 95.1 47.9 143.7

145 33.2 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

