

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062368.D
 Acq On : 6 Jul 2020 15:53
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070620

Quant Time: Jul 16 12:26:40 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	7.63	168	1143844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1928030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1806584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	897500	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	983918	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
35) Dibromofluoromethane	7.55	113	647353	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
50) Toluene-d8	10.06	98	2497917	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.38	95	954322	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	612307	47.305	ug/l	99
3) Chloromethane	2.03	50	863508	44.904	ug/l	97
4) Vinyl Chloride	2.16	62	721530	43.939	ug/l	98
5) Bromomethane	2.52	94	424605	49.863	ug/l	96
6) Chloroethane	2.66	64	426946	44.724	ug/l	97
7) Trichlorofluoromethane	2.98	101	1030940	45.486	ug/l	99
8) Diethyl Ether	3.37	74	414254	47.309	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	576081	45.490	ug/l	98
10) Methyl Iodide	3.91	142	707517	46.532	ug/l	100
11) Tert butyl alcohol	4.74	59	723174	252.460	ug/l	99
12) 1,1-Dichloroethene	3.70	96	552460	46.994	ug/l	100
13) Acrolein	3.57	56	281279	231.327	ug/l	95
14) Allyl chloride	4.27	41	1422685	49.659	ug/l	97
15) Acrylonitrile	4.93	53	1900004	252.547	ug/l	99
16) Acetone	3.78	43	2367742	248.216	ug/l	99
17) Carbon Disulfide	4.01	76	1667646	44.802	ug/l	99
18) Methyl Acetate	4.28	43	937836	49.312	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	2266775	50.383	ug/l	98
20) Methylene Chloride	4.50	84	704832	50.501	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	600303	46.238	ug/l	99
22) Diisopropyl ether	5.90	45	2862931	49.962	ug/l	98
23) Vinyl Acetate	5.84	43	11795000	256.819	ug/l	98
24) 1,1-Dichloroethane	5.80	63	1355918	47.749	ug/l	99
25) 2-Butanone	6.79	43	3118890	259.633	ug/l	99
26) 2,2-Dichloropropane	6.78	77	1111412	47.516	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	716454	48.176	ug/l	99
28) Bromochloromethane	7.15	49	798184	50.300	ug/l	100
29) Tetrahydrofuran	7.17	42	2005514	262.669	ug/l	99
30) Chloroform	7.33	83	1291315	46.728	ug/l	97
31) Cyclohexane	7.61	56	1225162	46.696	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	1101196	47.423	ug/l	99
36) 1,1-Dichloropropene	7.75	75	971236	47.941	ug/l	99
37) Ethyl Acetate	6.88	43	1243820	51.752	ug/l	100
38) Carbon Tetrachloride	7.73	117	956408	46.945	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	1062993	48.790	ug/l	99
40) Benzene	8.00	78	2757810	47.918	ug/l	99
41) Methacrylonitrile	7.12	41	521277	42.967	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	1202137	47.407	ug/l	99
43) Isopropyl Acetate	8.13	43	2097840	52.222	ug/l	100
44) Trichloroethene	8.80	130	646577	46.993	ug/l	99
45) 1,2-Dichloropropane	9.08	63	799981	47.420	ug/l	98
46) Dibromomethane	9.17	93	497841	47.680	ug/l	98
47) Bromodichloromethane	9.37	83	1064602	47.835	ug/l	97
48) Methyl methacrylate	9.17	41	1031499	50.310	ug/l	97
49) 1,4-Dioxane	9.17	88	270487	971.409	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	5886886	258.277	ug/l	100
52) Toluene	10.12	92	1709731	49.679	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	1205081	50.323	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	1268151	49.631	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	672583	48.768	ug/l	99
56) Ethyl methacrylate	10.40	69	1170608	52.699	ug/l	99
57) 1,3-Dichloropropane	10.68	76	1236476	48.278	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	2056210	257.366	ug/l	99
59) 2-Hexanone	10.72	43	4568787	280.613	ug/l	100
60) Dibromochloromethane	10.87	129	775552	49.381	ug/l	99
61) 1,2-Dibromoethane	10.98	107	697649	49.275	ug/l	98
64) Tetrachloroethene	10.60	164	543660	46.771	ug/l	99
65) Chlorobenzene	11.41	112	1778768	48.007	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	683259	49.041	ug/l	99
67) Ethyl Benzene	11.48	91	3325740	50.831	ug/l	100
68) m/p-Xylenes	11.60	106	2450936	101.916	ug/l	100
69) o-Xylene	11.92	106	1169076	49.423	ug/l	99
70) Styrene	11.94	104	2018076	51.631	ug/l	99
71) Bromoform	12.10	173	534571	48.868	ug/l #	100
73) Isopropylbenzene	12.22	105	3191265	47.572	ug/l	100
74) N-amyl acetate	12.04	43	1859331	52.117	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	1055293	45.448	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	1429936	65.962	ug/l #	100
77) Bromobenzene	12.50	156	746775	47.593	ug/l	96
78) n-propylbenzene	12.57	91	3771928	47.993	ug/l	99
79) 2-Chlorotoluene	12.65	91	2267896	47.050	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	2717803	48.676	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	371995	49.072	ug/l	98
82) 4-Chlorotoluene	12.75	91	2385755	48.391	ug/l	100
83) tert-Butylbenzene	12.97	119	2277177	48.125	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	2729297	49.447	ug/l	99
85) sec-Butylbenzene	13.15	105	3050573	50.329	ug/l	100
86) p-Isopropyltoluene	13.26	119	2726492	49.911	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	1339565	47.435	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1357594	46.519	ug/l	100
89) n-Butylbenzene	13.59	91	2428923	51.493	ug/l	99
90) Hexachloroethane	13.85	117	516505	44.217	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	1313875	48.581	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	215008	47.248	ug/l	98

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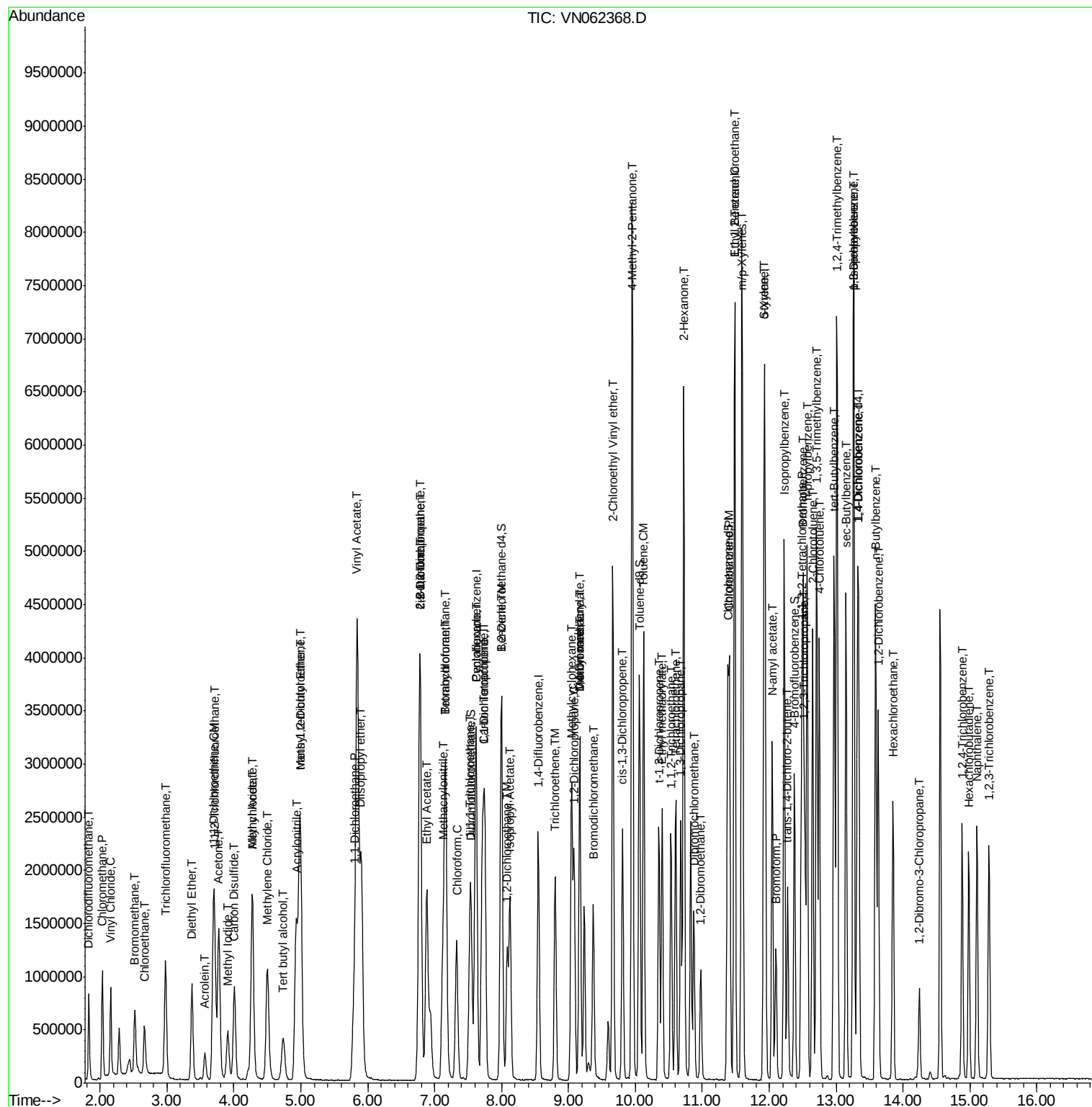
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	668150	46.665	ug/l	99
94) Hexachlorobutadiene	14.98	225	360261	50.362	ug/l	99
95) Naphthalene	15.10	128	1846920	48.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	661332	50.804	ug/l	99

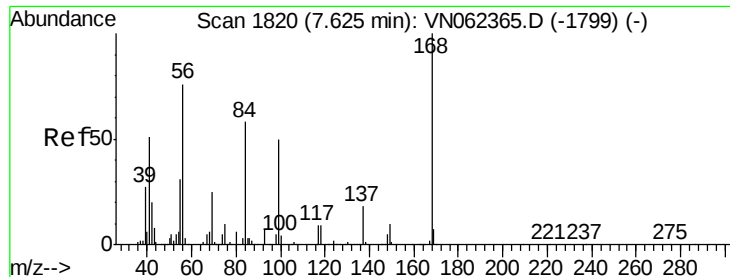
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

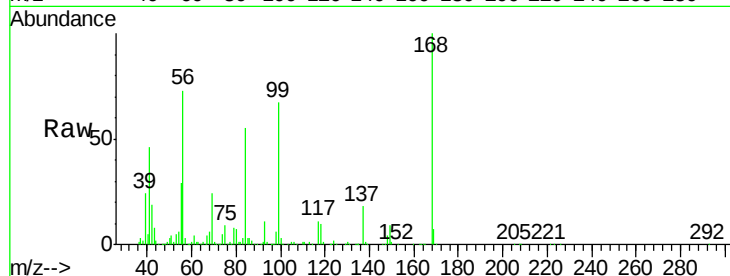
ICVVN070620

Tot Ion:168 Resp: 1143844

Ion Ratio Lower Upper

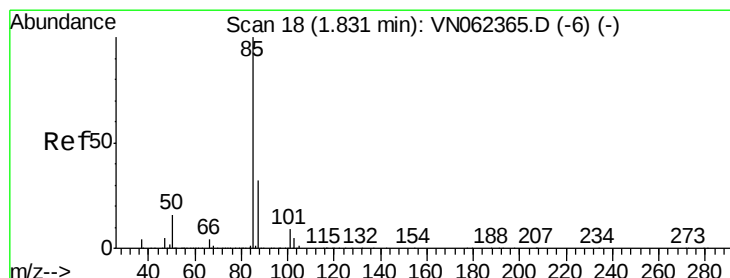
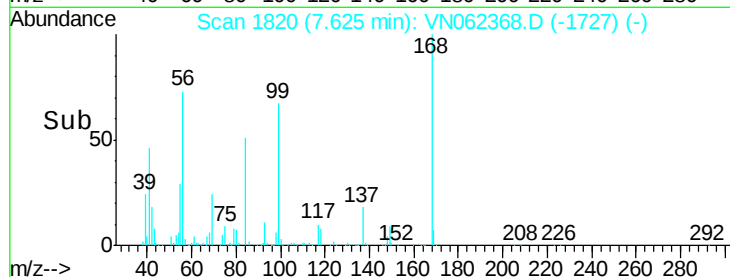
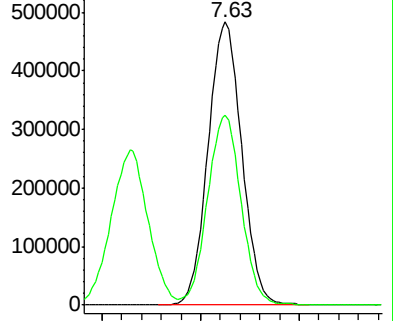
168 100

99 66.9 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.305 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062368.D

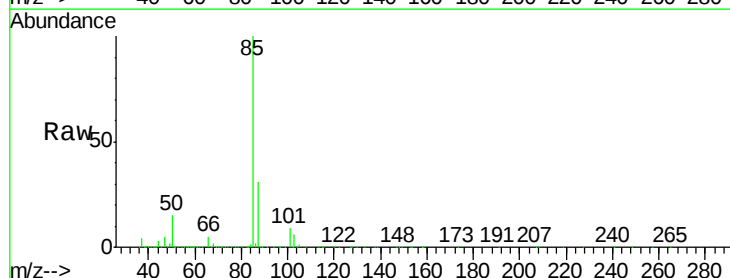
Acq: 6 Jul 2020 15:53

Tgt Ion: 85 Resp: 612307

Ion Ratio Lower Upper

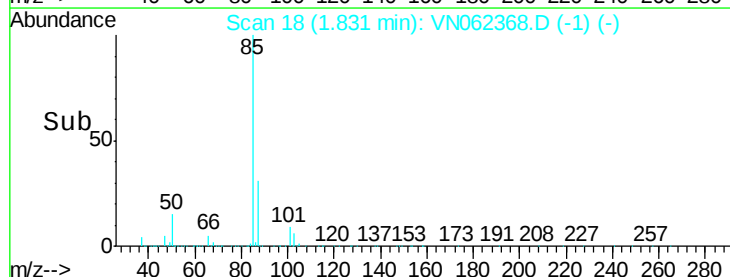
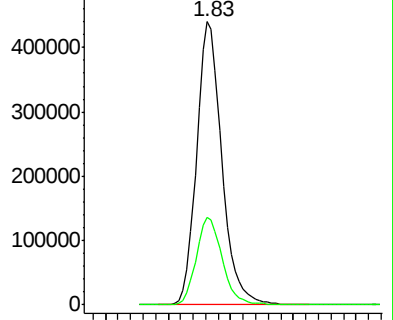
85 100

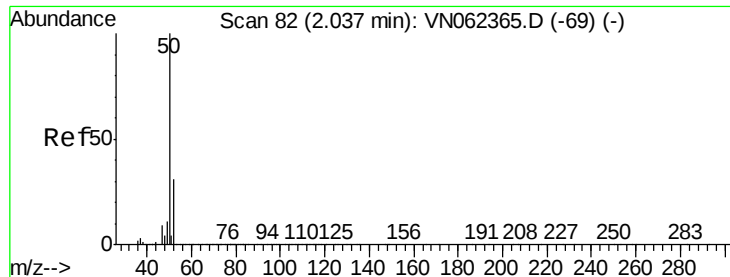
87 31.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 44.904 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

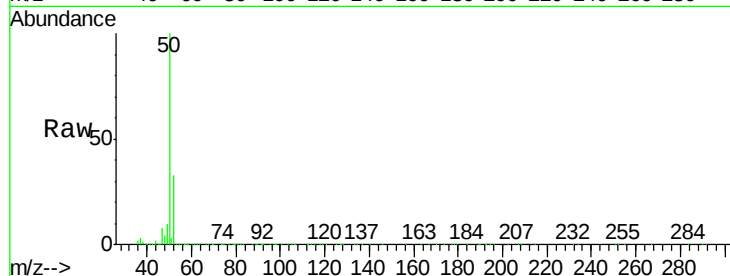
ICVVN070620

Tot Ion: 50 Resp: 863508

Ion Ratio Lower Upper

50 100

52 32.9 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

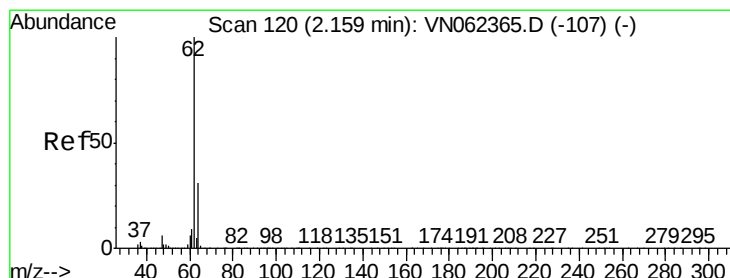
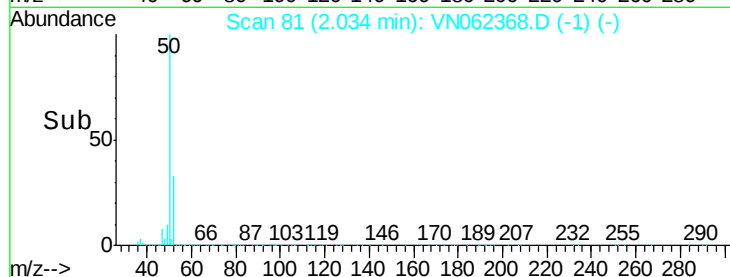
600000

400000

200000

0

Time--> 1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 43.939 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062368.D

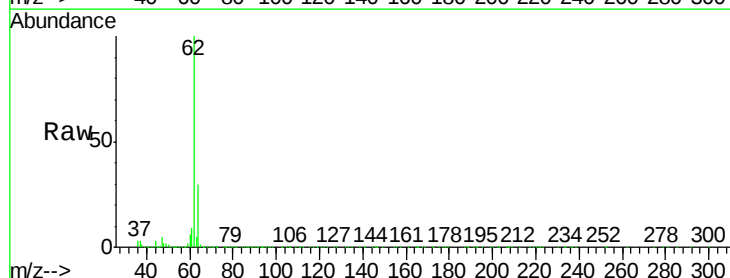
Acq: 6 Jul 2020 15:53

Tgt Ion: 62 Resp: 721530

Ion Ratio Lower Upper

62 100

64 30.1 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

500000

400000

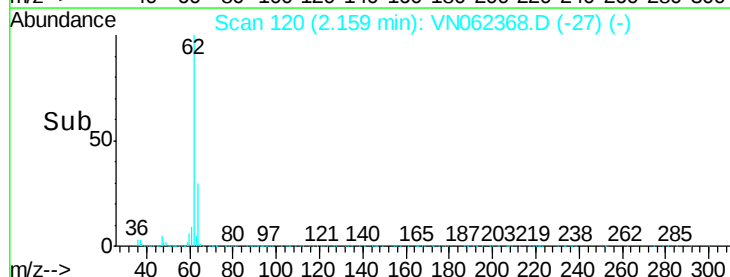
300000

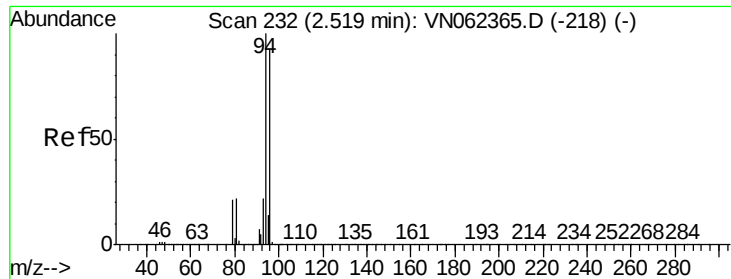
200000

100000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 49.863 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

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ClientSampleId :

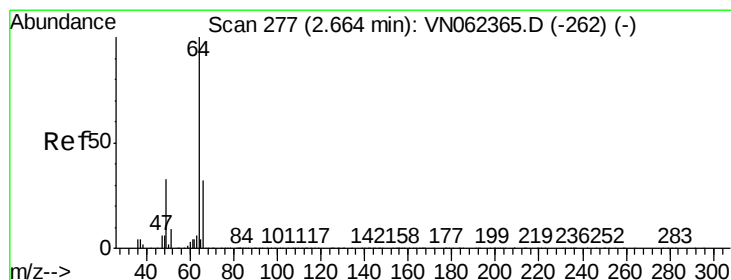
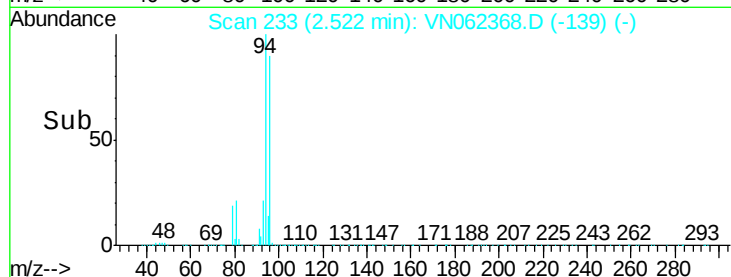
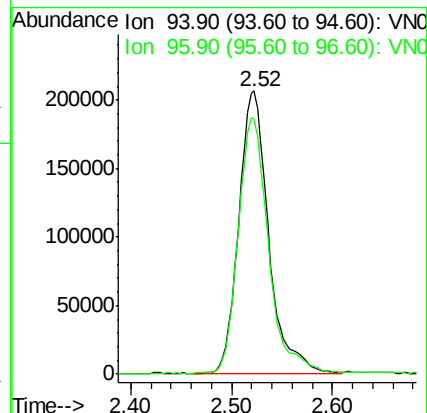
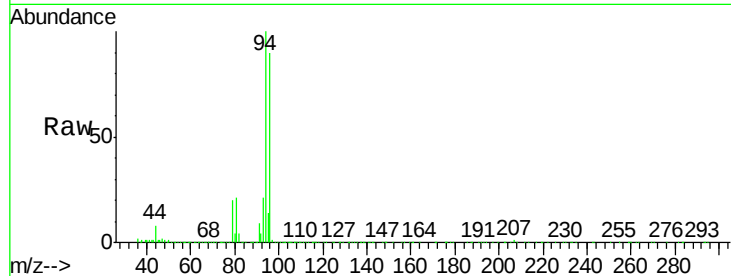
ICVVN070620

Tot Ion: 94 Resp: 424605

Ion Ratio Lower Upper

94 100

96 90.0 74.7 112.1



#6

Chloroethane

Concen: 44.724 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062368.D

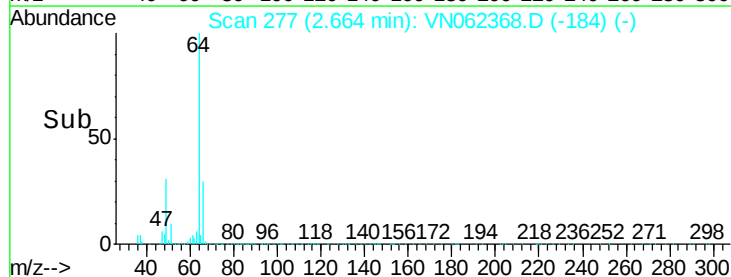
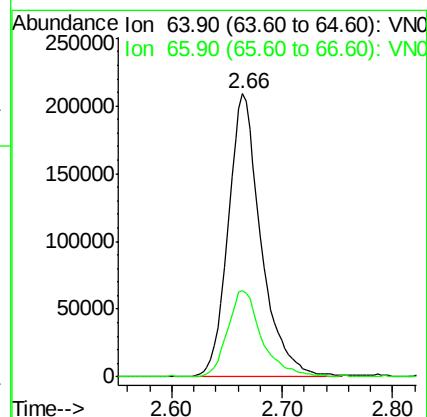
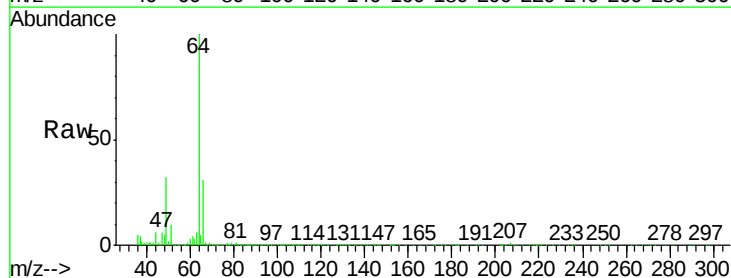
Acq: 6 Jul 2020 15:53

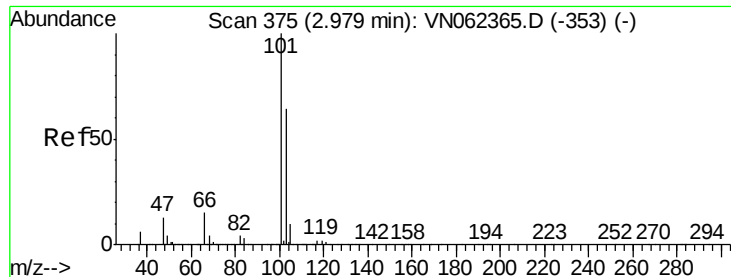
Tgt Ion: 64 Resp: 426946

Ion Ratio Lower Upper

64 100

66 30.5 25.7 38.5



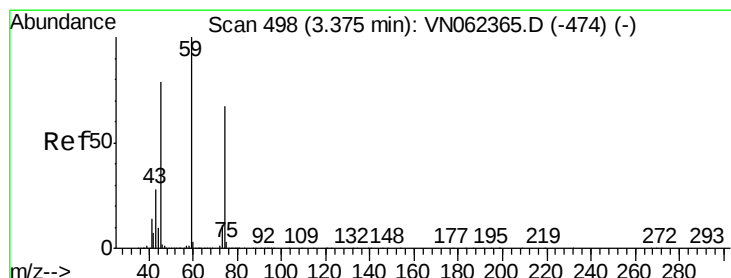
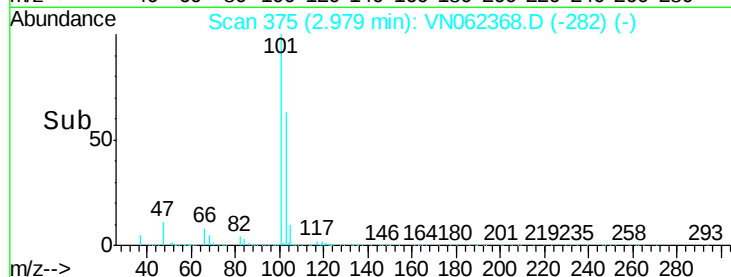
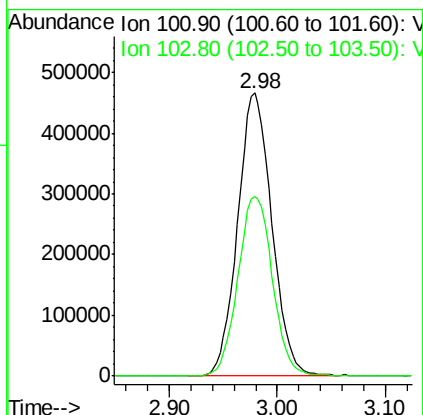
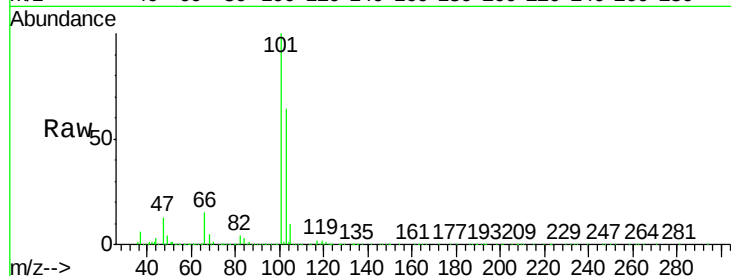


#7

Trichlorofluoromethane
 Concen: 45.486 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
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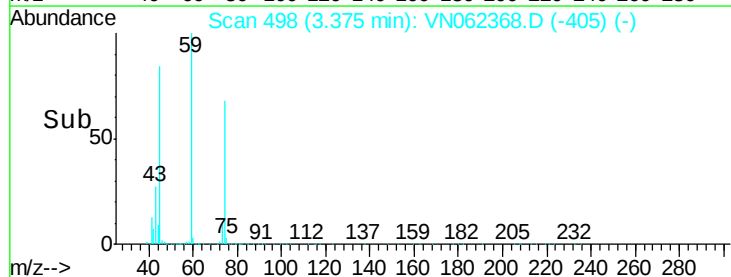
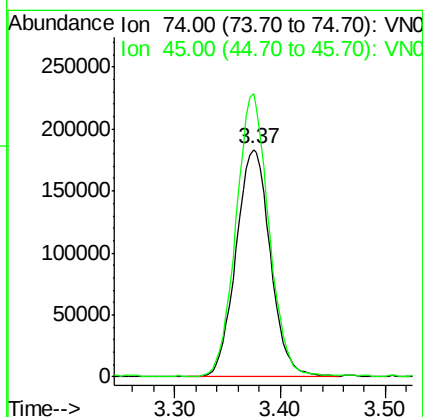
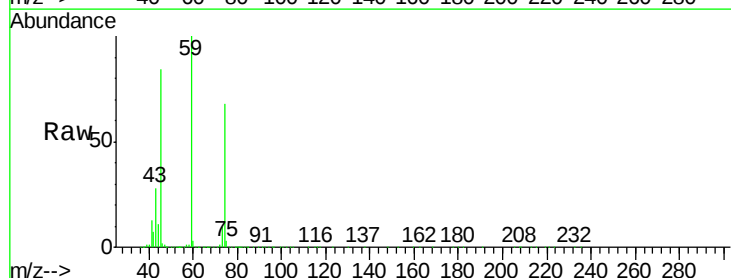
Tot Ion:101 Resp: 1030940
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.0 76.6

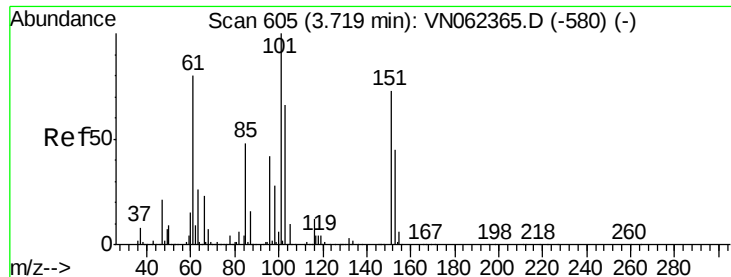


#8

Diethyl Ether
 Concen: 47.309 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN062368.D
 Acq: 6 Jul 2020 15:53

Tgt Ion: 74 Resp: 414254
 Ion Ratio Lower Upper
 74 100
 45 118.6 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.490 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

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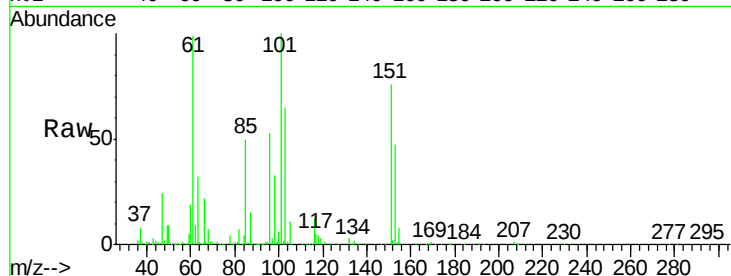
Tot Ion:101 Resp: 576081

Ion Ratio Lower Upper

101 100

85 49.4 38.6 57.8

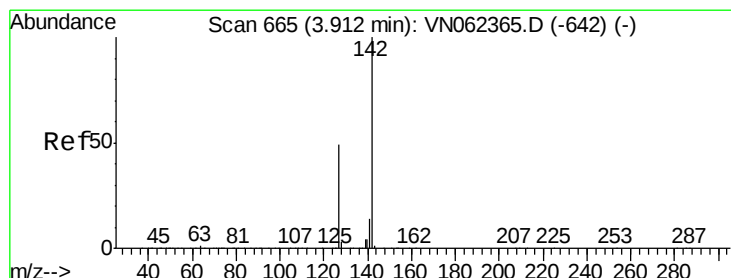
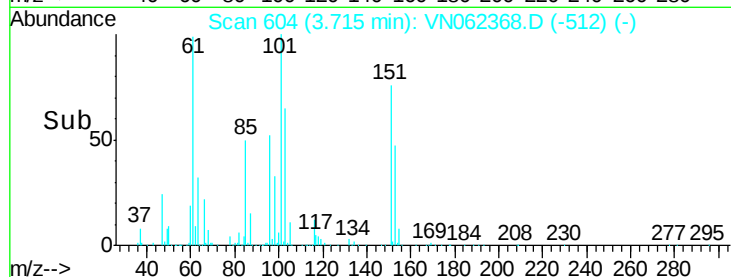
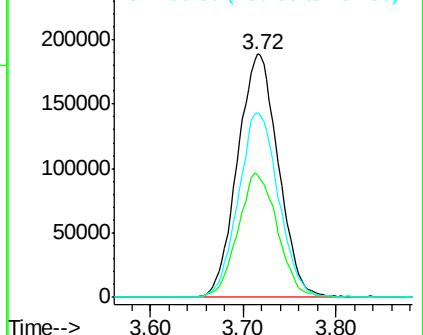
151 74.8 58.3 87.5



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: 46.532 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

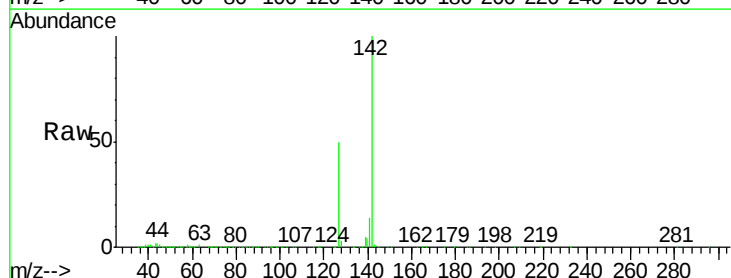
Tgt Ion:142 Resp: 707517

Ion Ratio Lower Upper

142 100

127 51.1 41.0 61.6

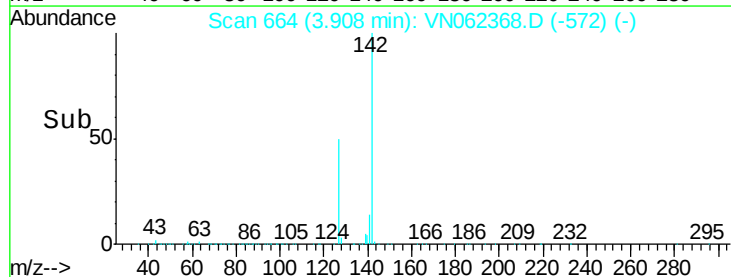
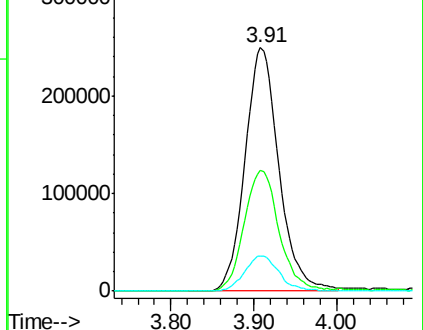
141 14.7 11.8 17.8

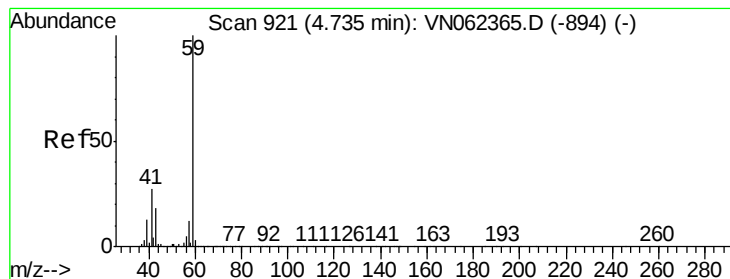


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



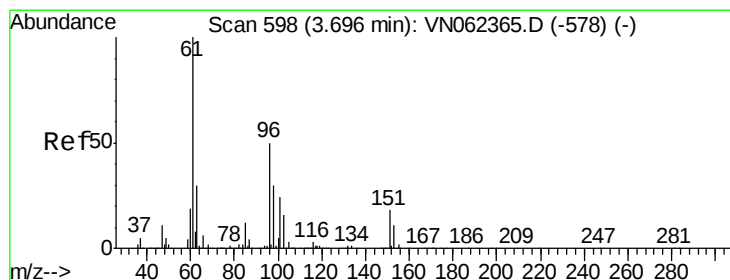
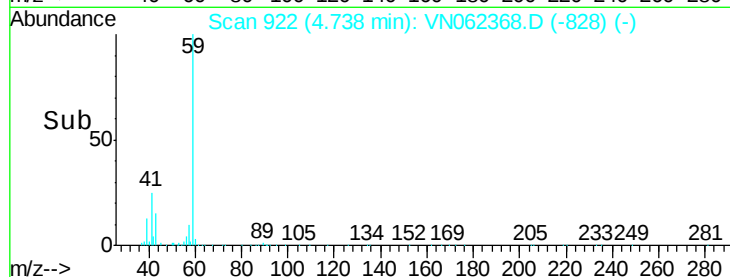
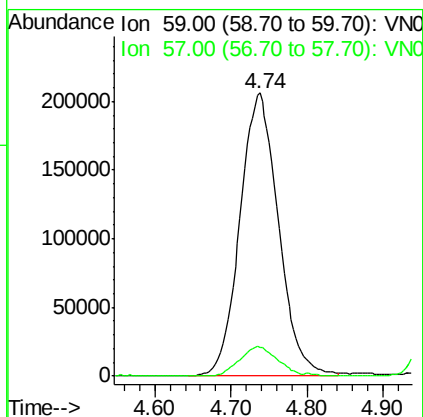
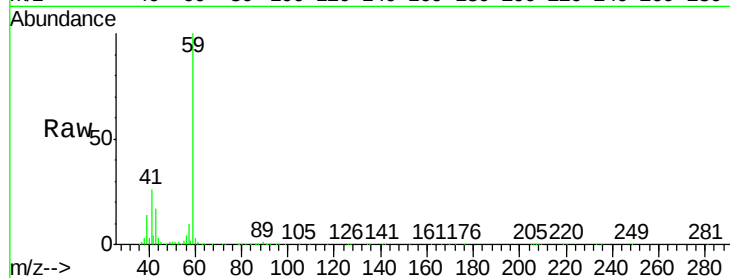


#11

Tert butyl alcohol
Concen: 252.460 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070620

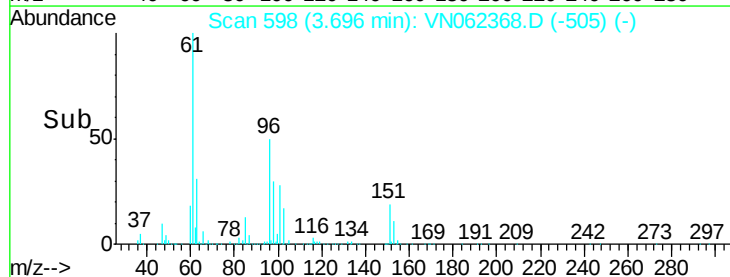
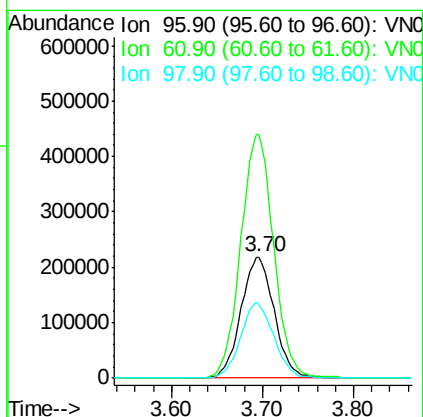
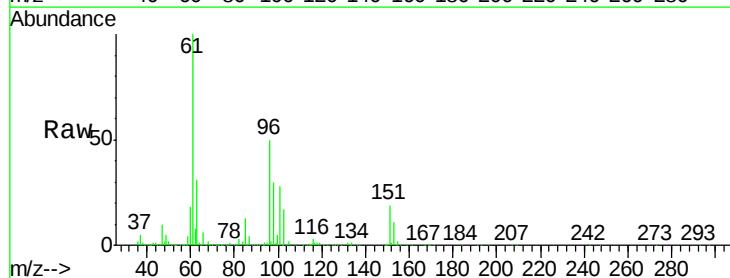
Tot Ion: 59 Resp: 723174
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

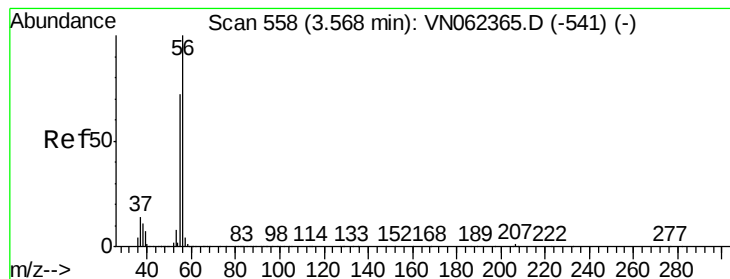


#12

1,1-Dichloroethene
Concen: 46.994 ug/l
RT: 3.70 min Scan# 598
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

Tgt Ion: 96 Resp: 552460
Ion Ratio Lower Upper
96 100
61 201.1 161.4 242.0
98 60.8 48.8 73.2





#13

Acrolein

Concen: 231.327 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

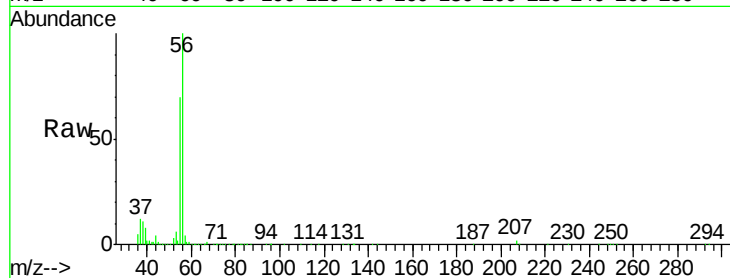
ICVVN070620

Tot Ion: 56 Resp: 281279

Ion Ratio Lower Upper

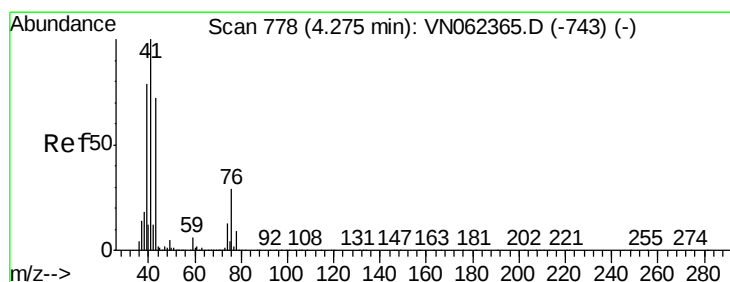
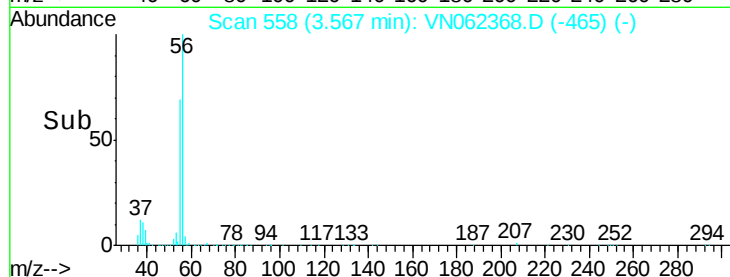
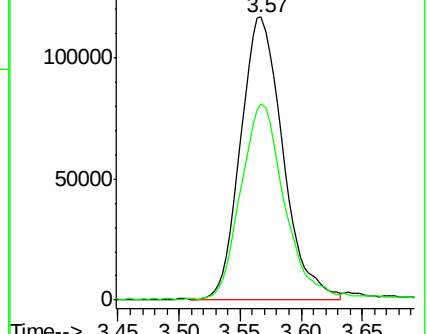
56 100

55 70.5 59.6 89.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.659 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

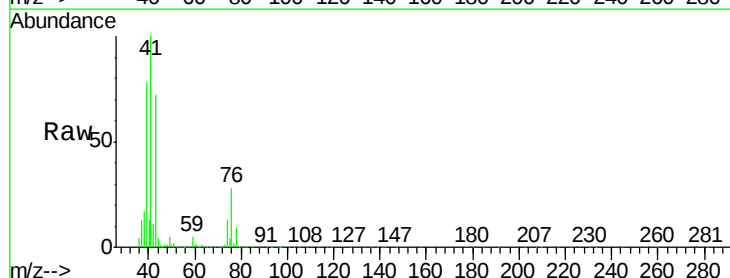
Tgt Ion: 41 Resp: 1422685

Ion Ratio Lower Upper

41 100

39 72.0 59.8 89.6

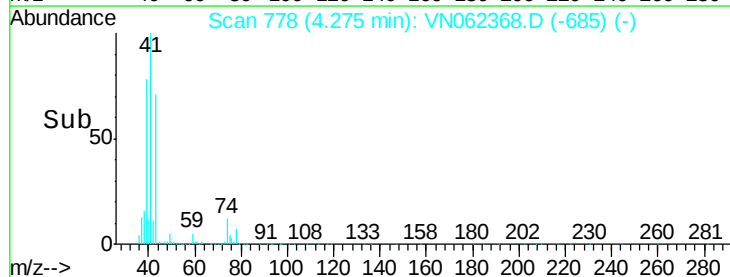
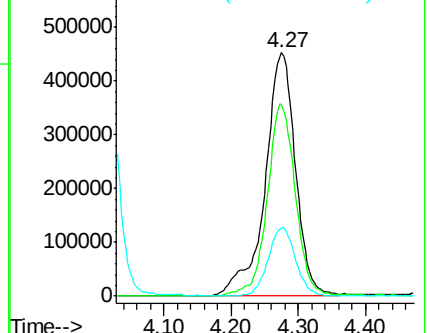
76 25.0 20.7 31.1

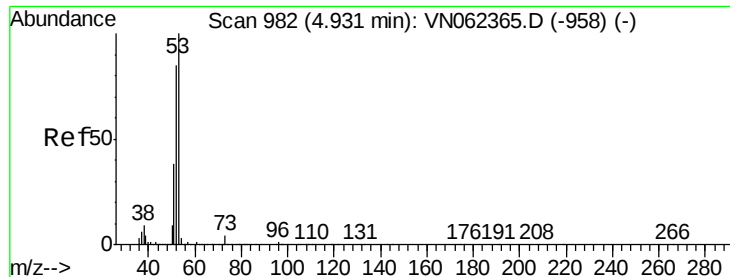


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 252.547 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

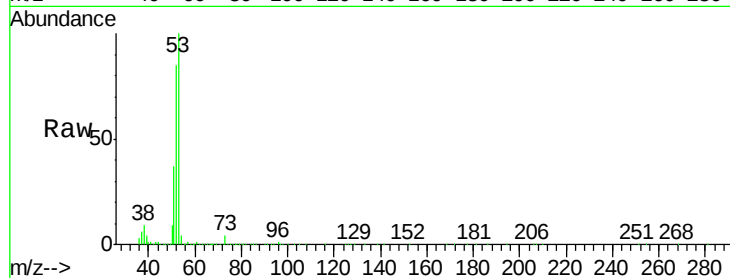
MSVOA_N

ClientSampleId :

ICVVN070620

Tot Ion: 53 Resp: 1900004

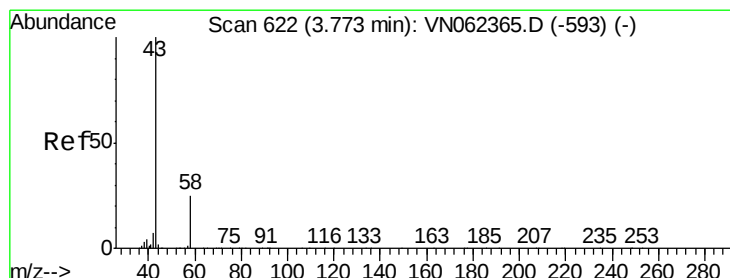
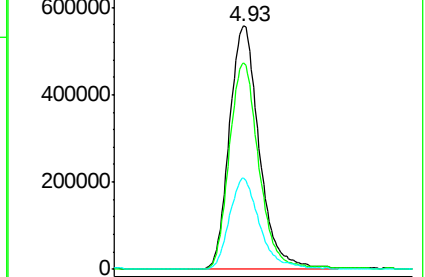
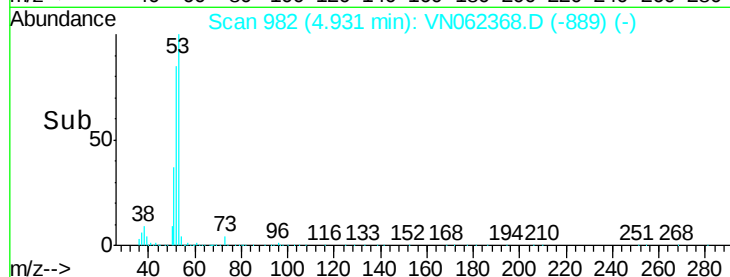
Ion	Ratio	Lower	Upper
53	100		
52	83.8	67.6	101.4
51	38.0	30.6	45.8



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 248.216 ug/l

RT: 3.78 min Scan# 623

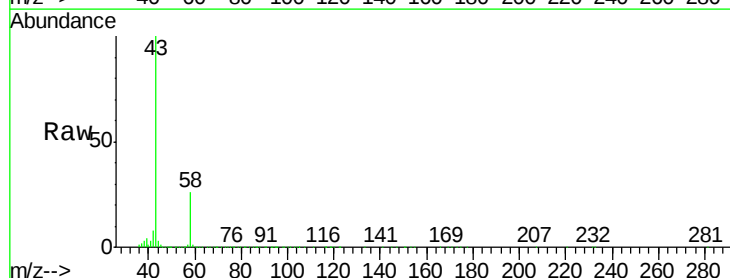
Delta R.T. 0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

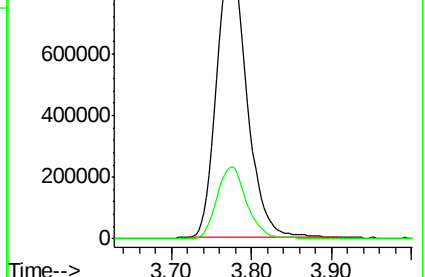
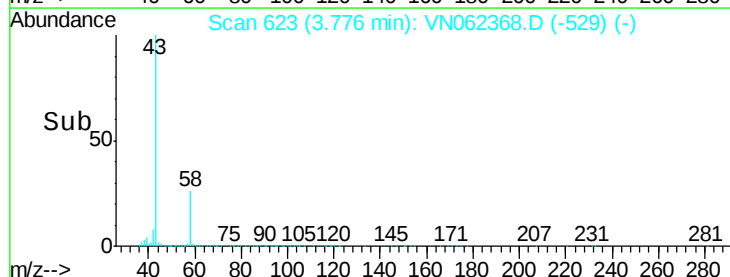
Tgt Ion: 43 Resp: 2367742

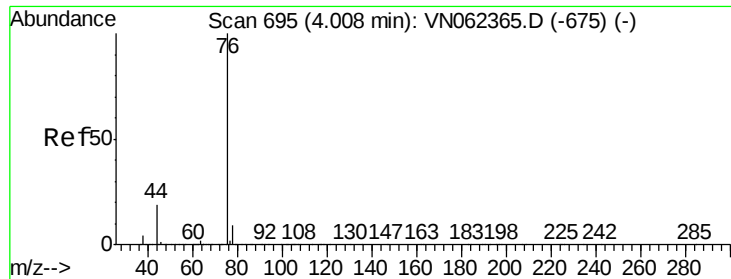
Ion	Ratio	Lower	Upper
43	100		
58	25.5	19.8	29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

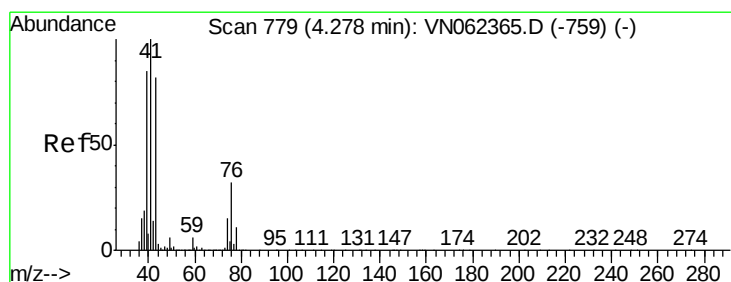
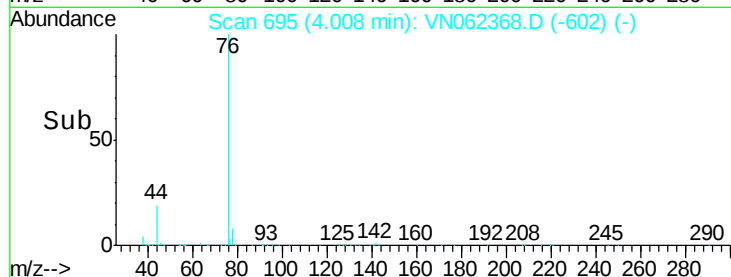
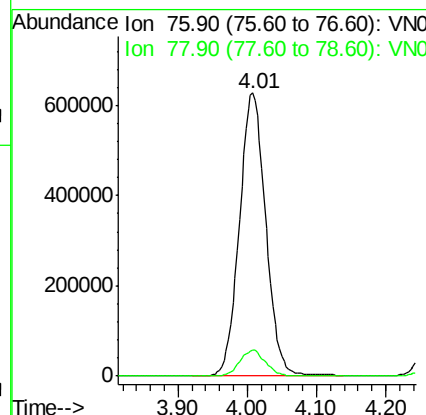
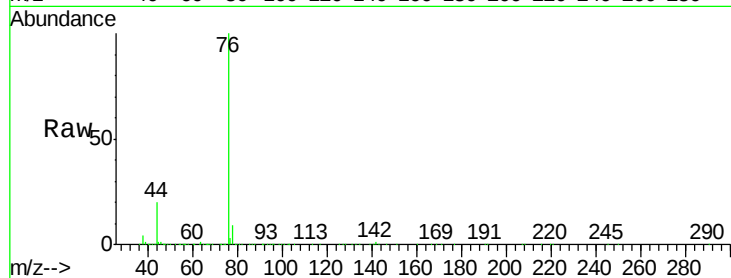




#17
Carbon Disulfide
Concen: 44.802 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

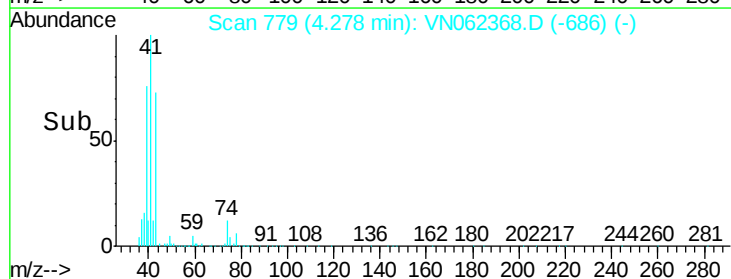
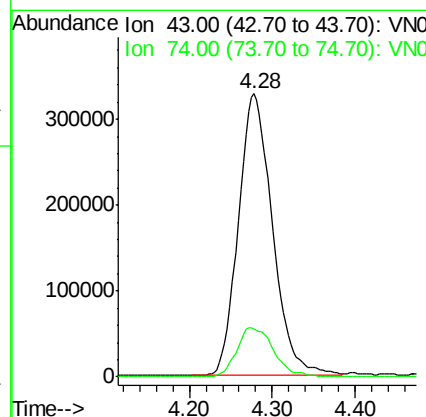
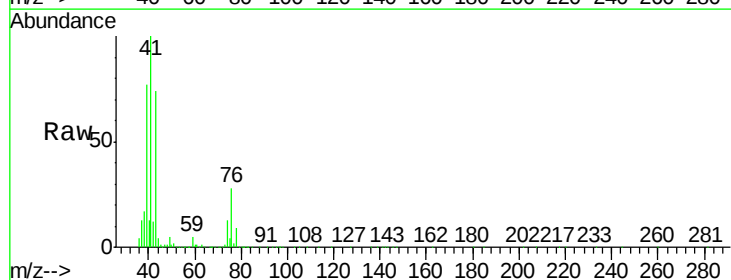
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070620

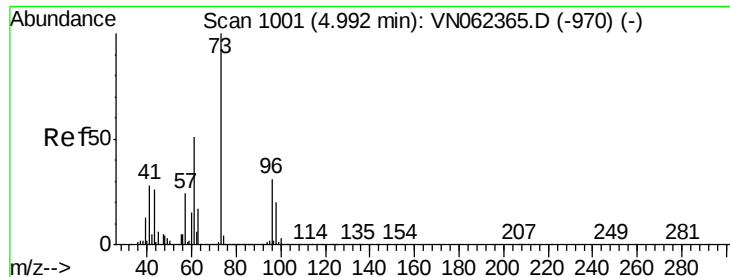
Tot Ion: 76 Resp: 1667646
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 49.312 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

Tgt Ion: 43 Resp: 937836
Ion Ratio Lower Upper
43 100
74 18.9 14.2 21.4



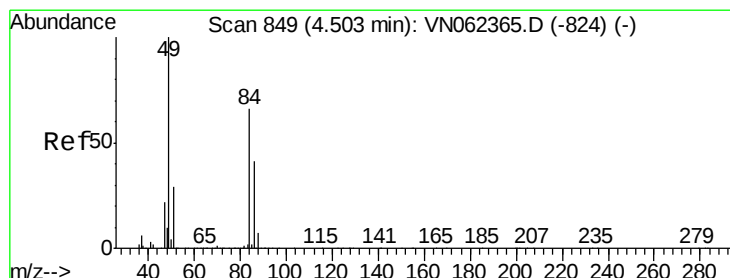
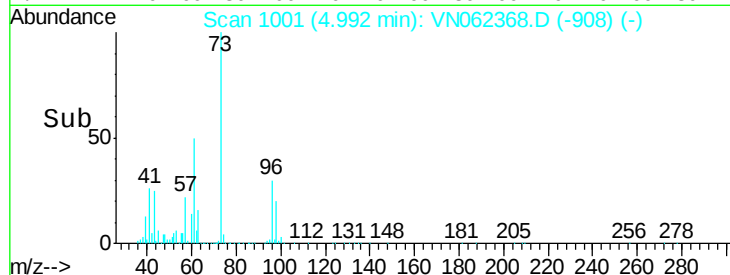
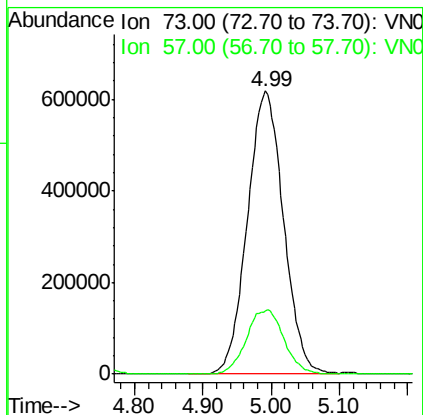
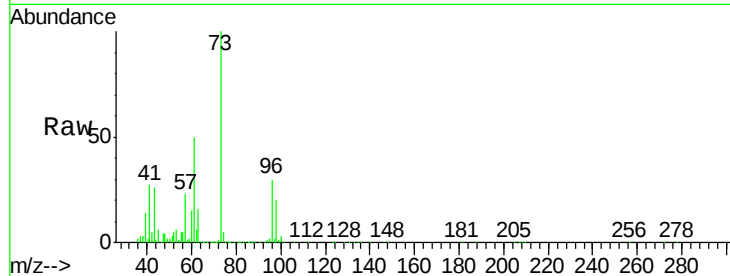


#19

Methyl tert-butyl Ether
 Concen: 50.383 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN062368.D
 Acq: 6 Jul 2020 15:53

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070620

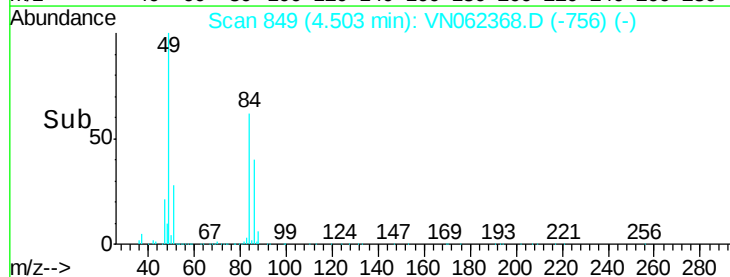
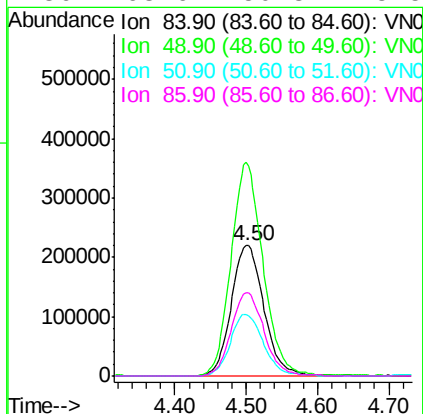
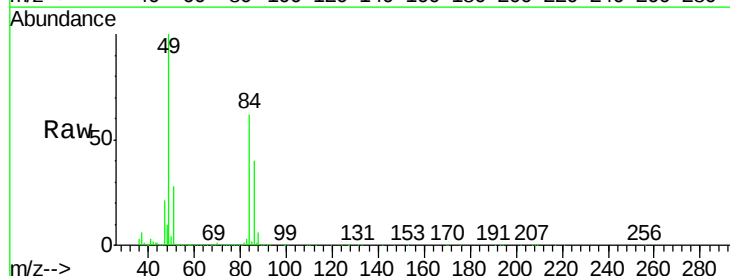
Tot Ion: 73 Resp: 2266775
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.9 28.3

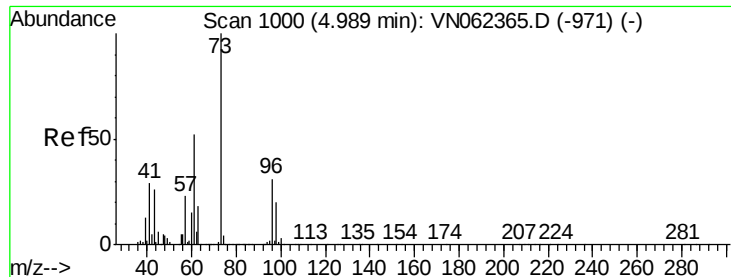


#20

Methylene Chloride
 Concen: 50.501 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN062368.D
 Acq: 6 Jul 2020 15:53

Tgt Ion: 84 Resp: 704832
 Ion Ratio Lower Upper
 84 100
 49 160.7 121.8 182.6
 51 45.6 35.0 52.4
 86 63.6 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 46.238 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

ICV070620

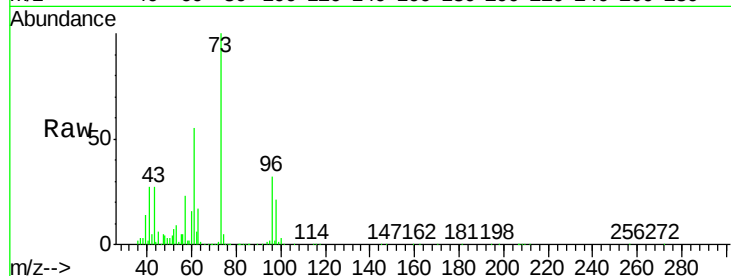
Tot Ion: 96 Resp: 600303

Ion Ratio Lower Upper

96 100

61 170.0 134.7 202.1

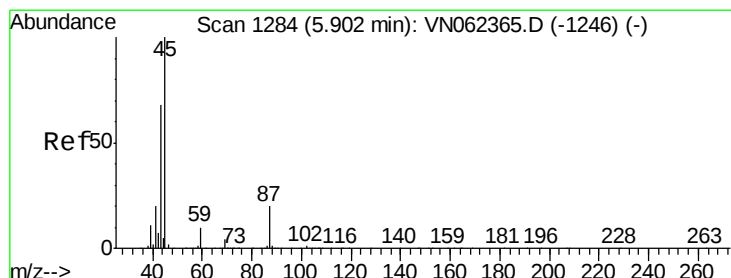
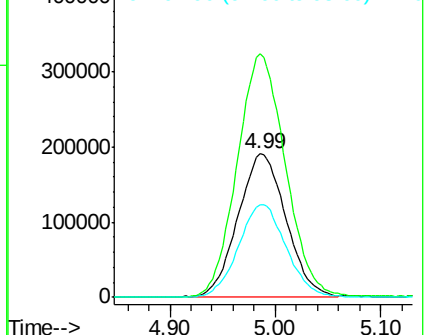
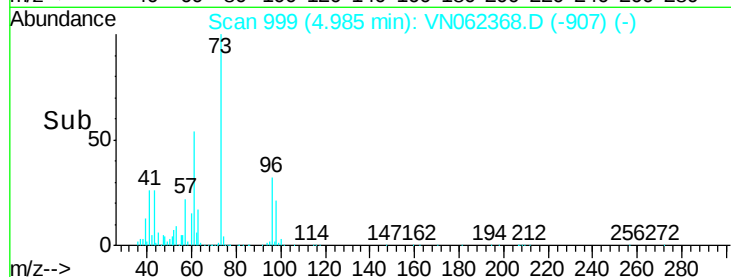
98 64.4 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 49.962 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Tgt Ion: 45 Resp: 2862931

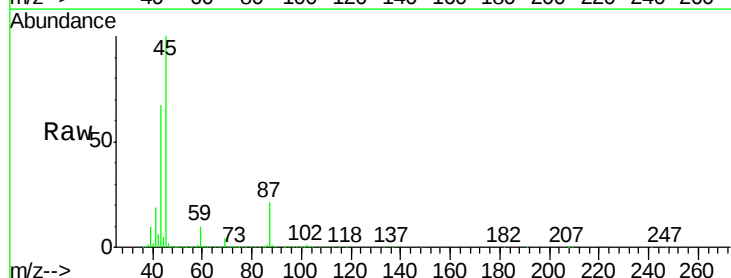
Ion Ratio Lower Upper

45 100

43 65.6 54.6 81.8

87 20.7 16.6 24.8

59 9.8 7.7 11.5

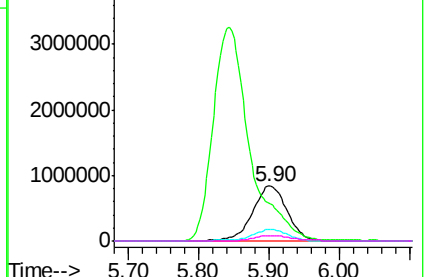
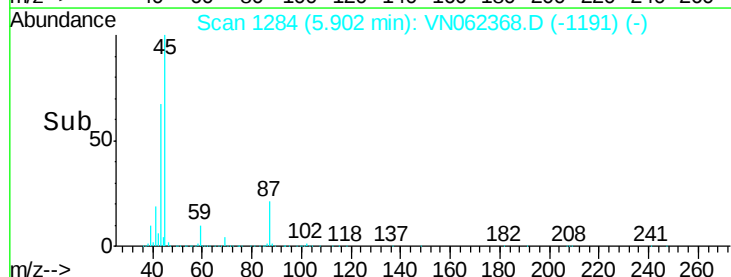


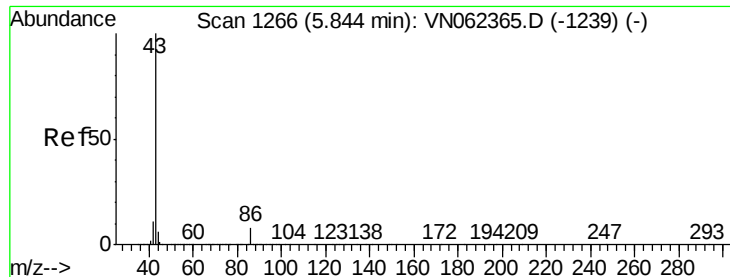
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 256.819 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

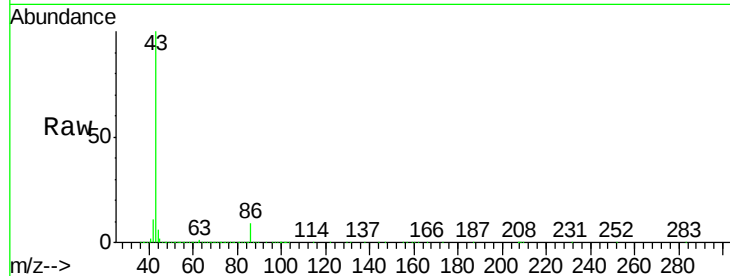
ICVVN070620

Tot Ion: 43 Resp: 11795000

Ion Ratio Lower Upper

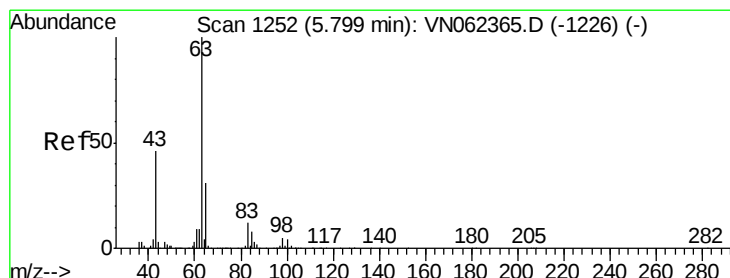
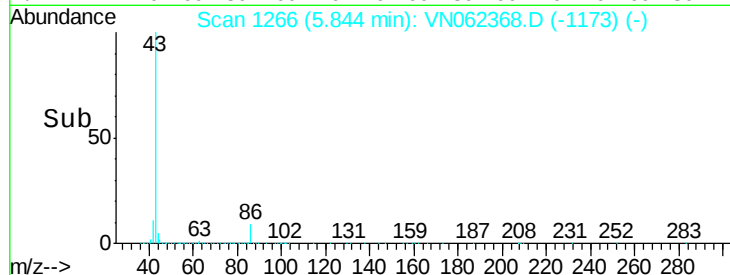
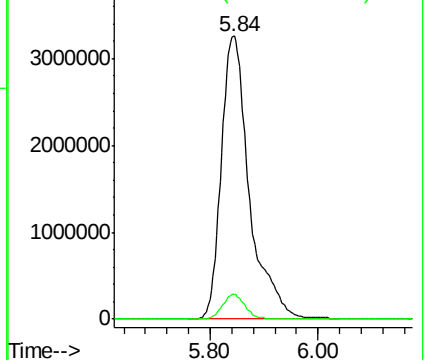
43 100

86 8.8 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.749 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

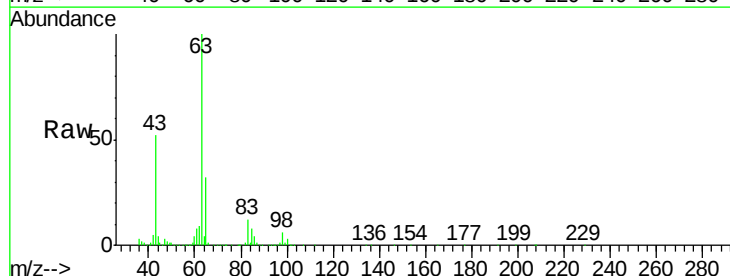
Tgt Ion: 63 Resp: 1355918

Ion Ratio Lower Upper

63 100

98 5.7 2.6 7.8

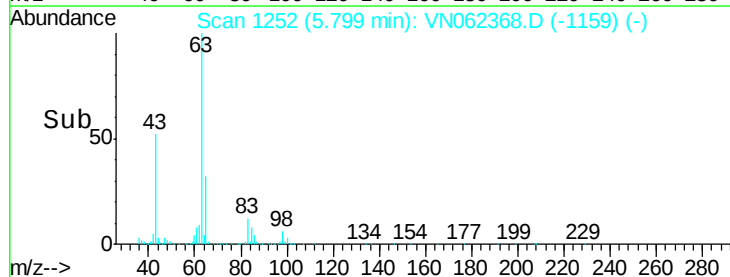
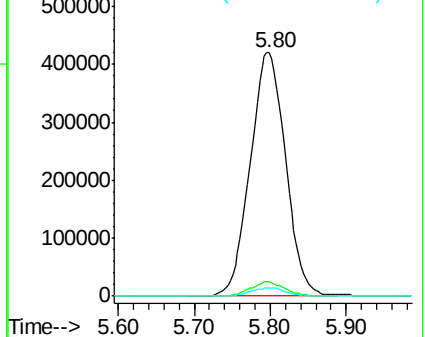
100 3.4 1.8 5.3

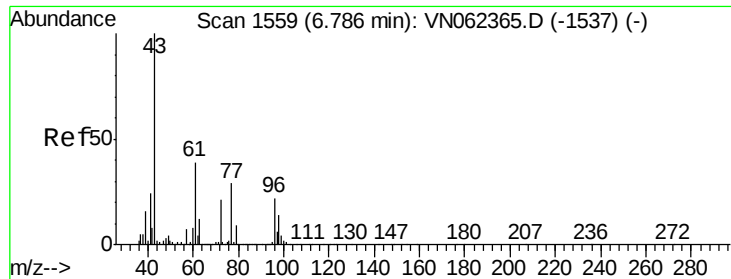


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

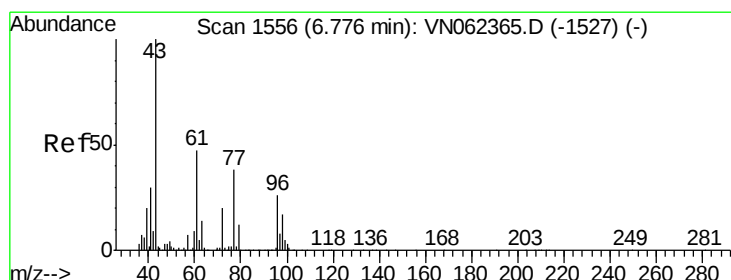
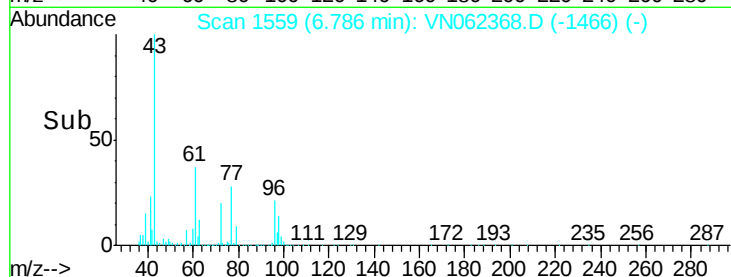
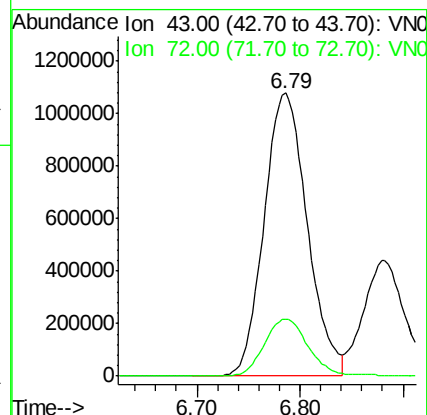
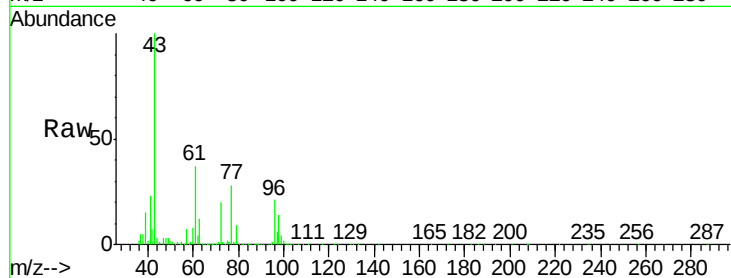




#25
2-Butanone
Concen: 259.633 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

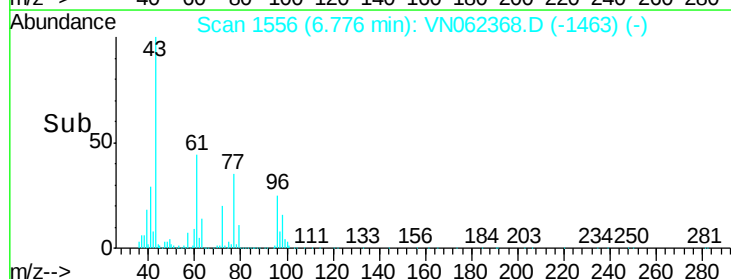
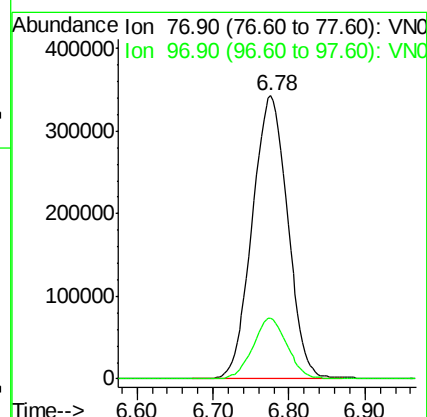
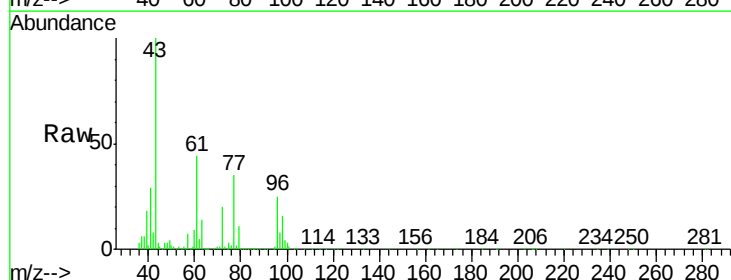
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070620

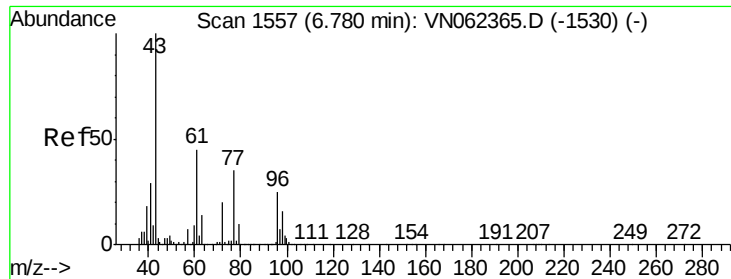
Tot Ion: 43 Resp: 3118890
Ion Ratio Lower Upper
43 100
72 20.2 16.4 24.6



#26
2,2-Dichloropropane
Concen: 47.516 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

Tgt Ion: 77 Resp: 1111412
Ion Ratio Lower Upper
77 100
97 20.8 10.1 30.1





#27

cis-1,2-Dichloroethene

Concen: 48.176 ug/l

RT: 6.78 min Scan# 1557

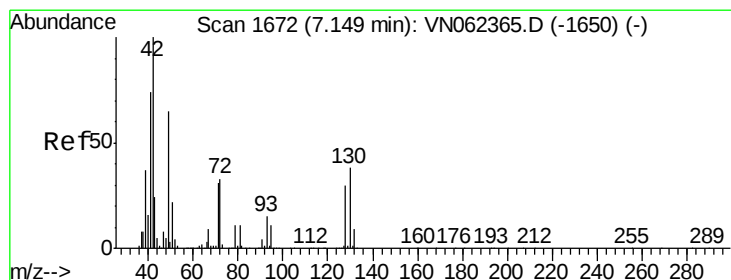
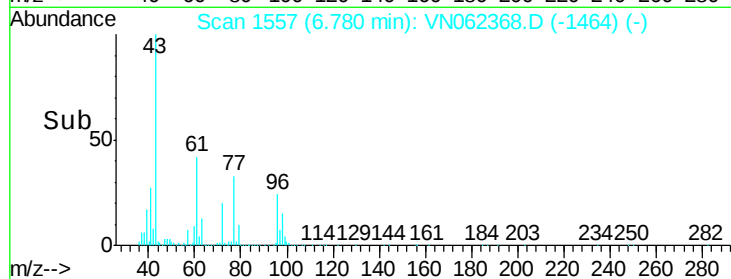
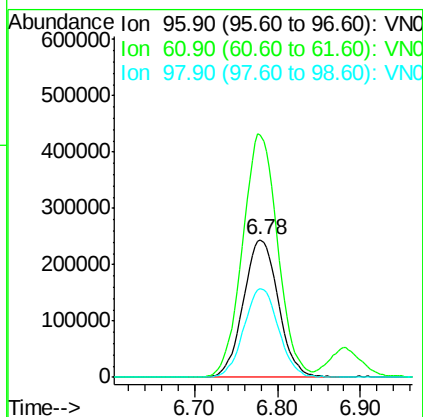
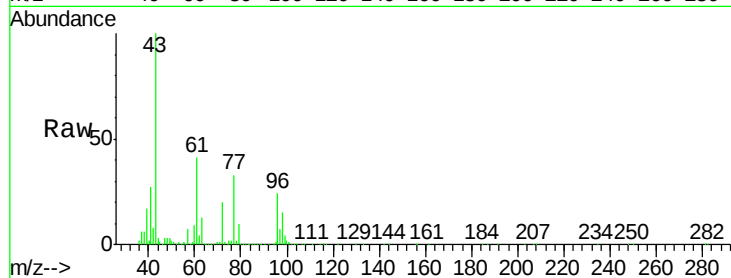
Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070620

Tot Ion	96	Resp	716454
Ion	Ratio	Lower	Upper
96	100		
61	177.5	0.0	358.8
98	64.2	0.0	130.6



#28

Bromochloromethane

Concen: 50.300 ug/l

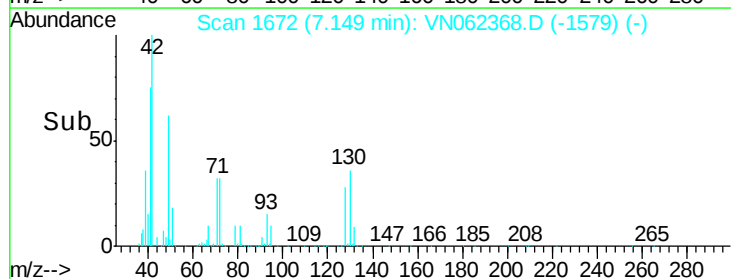
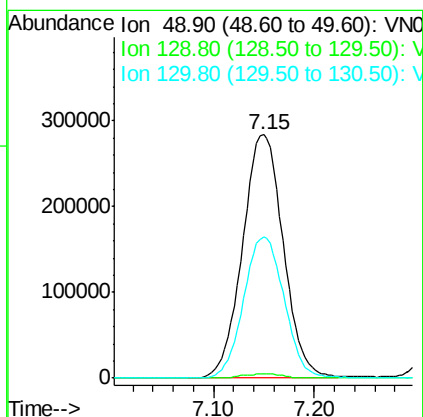
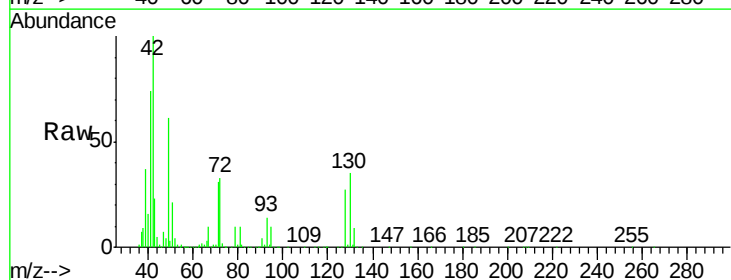
RT: 7.15 min Scan# 1672

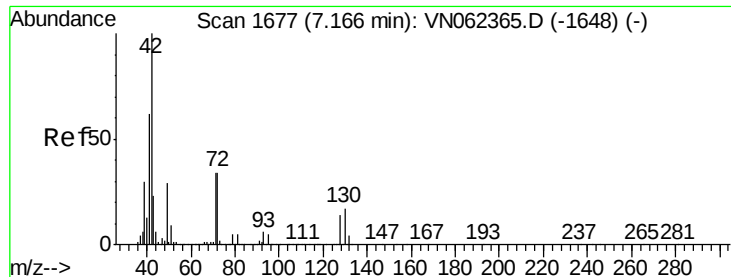
Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Tgt Ion	49	Resp	798184
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	57.6	45.8	68.8





#29

Tetrahydrofuran

Concen: 262.669 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070620

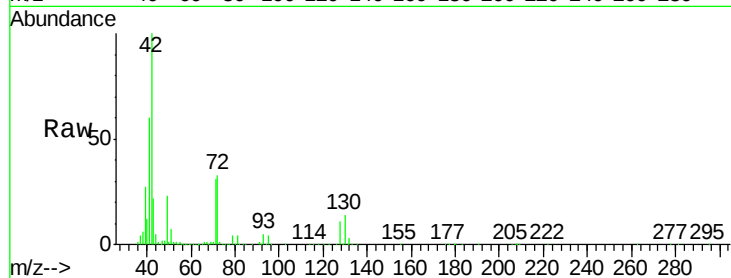
Tot Ion: 42 Resp: 2005514

Ion Ratio Lower Upper

42 100

72 33.2 26.8 40.2

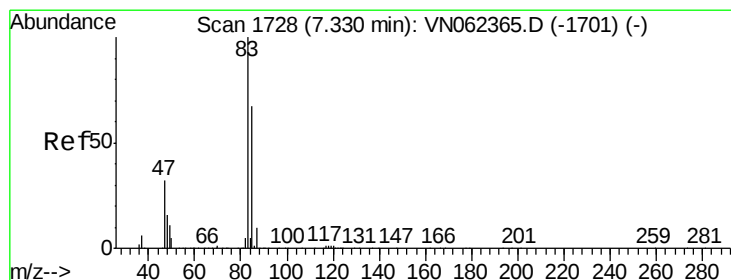
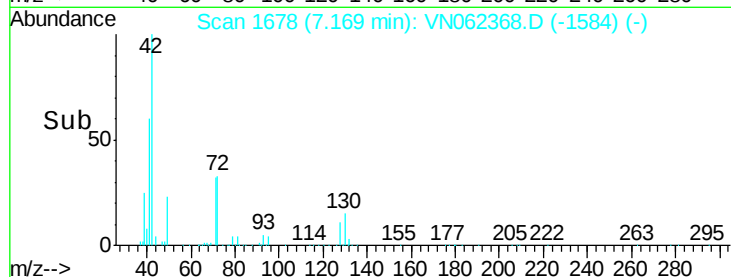
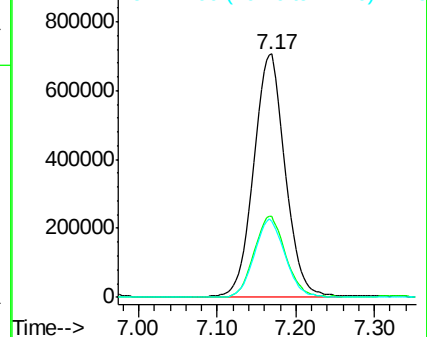
71 31.4 26.0 39.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 46.728 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN062368.D

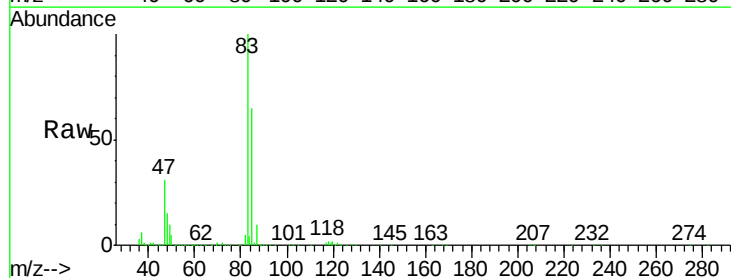
Acq: 6 Jul 2020 15:53

Tgt Ion: 83 Resp: 1291315

Ion Ratio Lower Upper

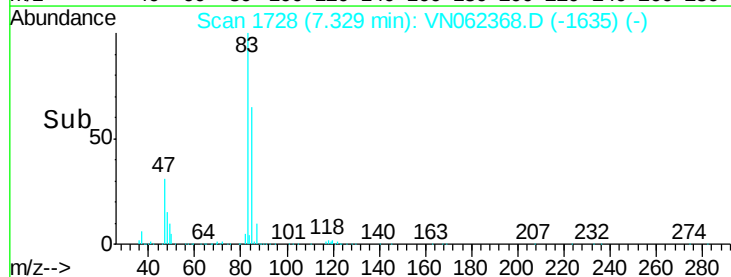
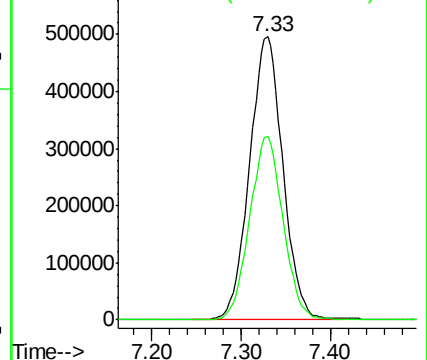
83 100

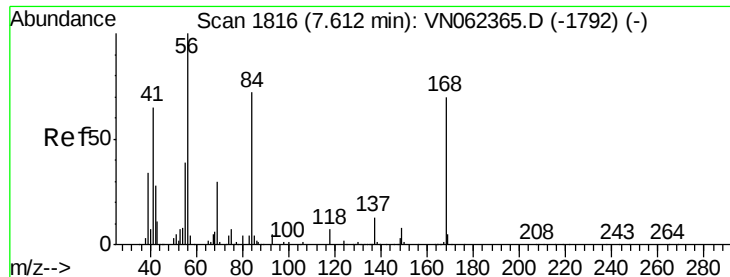
85 64.7 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

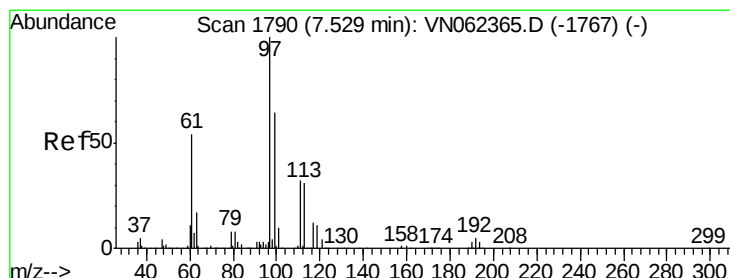
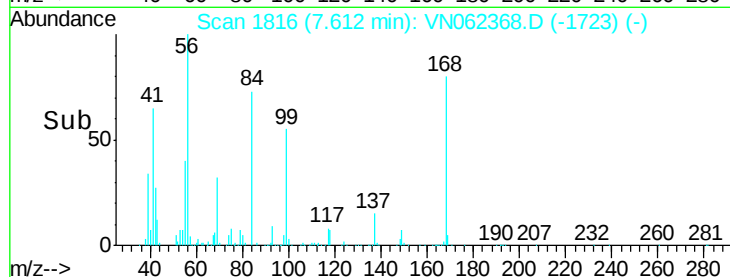
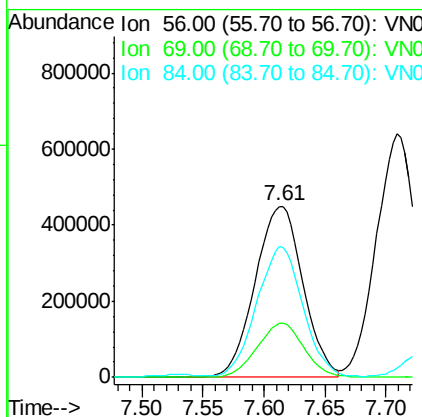
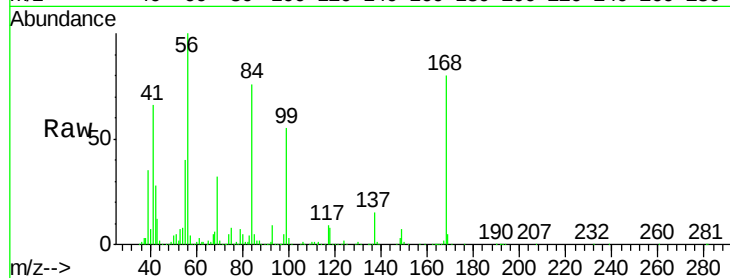




#31
Cyclohexane
Concen: 46.696 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

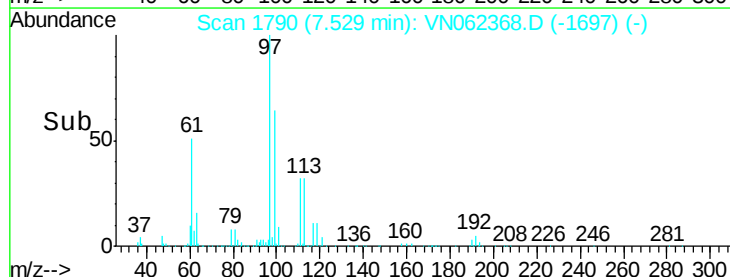
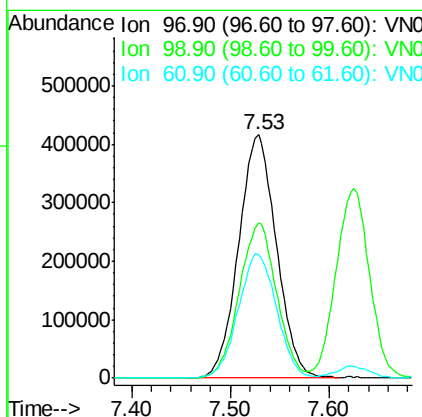
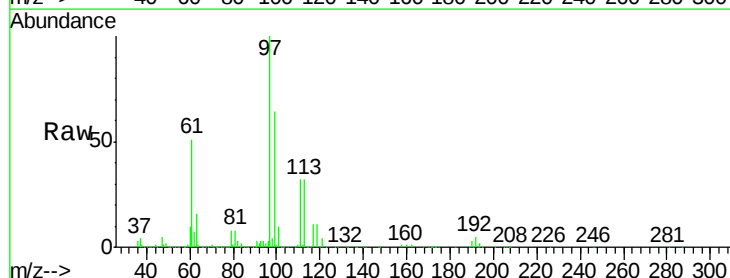
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070620

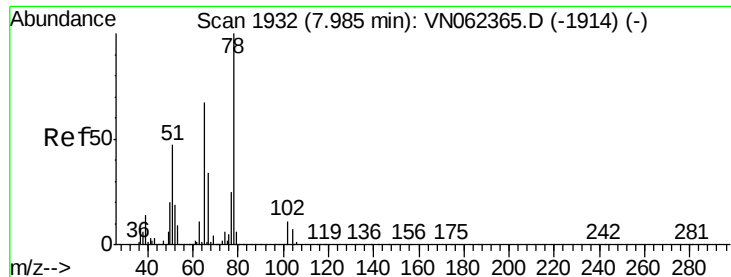
Tot Ion: 56 Resp: 1225162
Ion Ratio Lower Upper
56 100
69 31.5 23.7 35.5
84 74.9 57.2 85.8



#32
1,1,1-Trichloroethane
Concen: 47.423 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

Tgt Ion: 97 Resp: 1101196
Ion Ratio Lower Upper
97 100
99 63.5 51.1 76.7
61 51.9 42.5 63.7

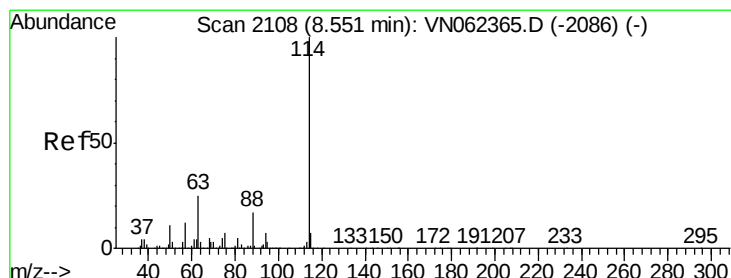
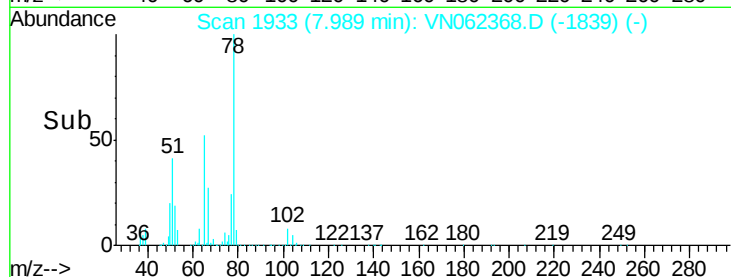
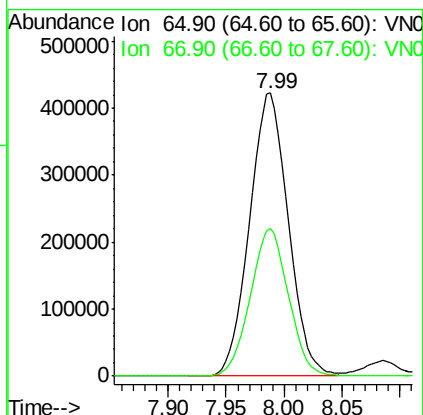
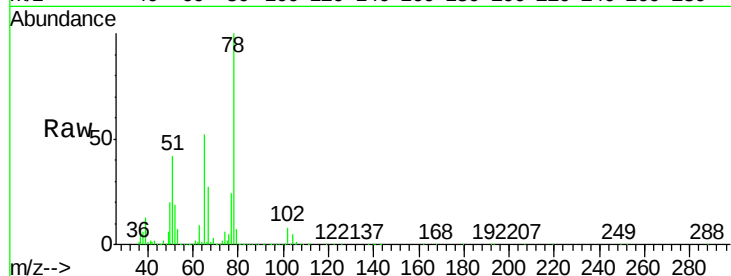




#33
 1,2-Dichloroethane-d4
 Concen: 47.553 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062368.D
 Acq: 6 Jul 2020 15:53

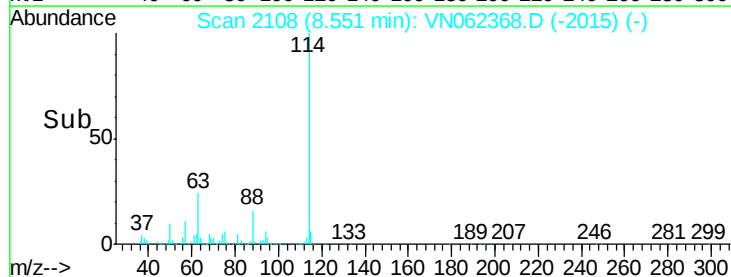
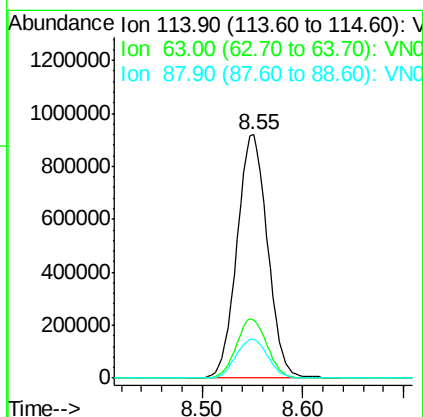
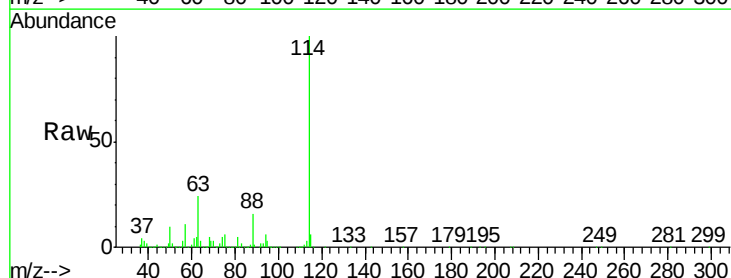
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070620

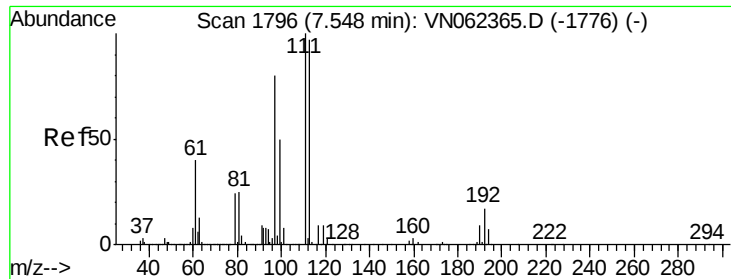
Tot Ion: 65 Resp: 983918
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062368.D
 Acq: 6 Jul 2020 15:53

Tgt Ion: 114 Resp: 1928030
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.0
 88 15.9 0.0 34.0

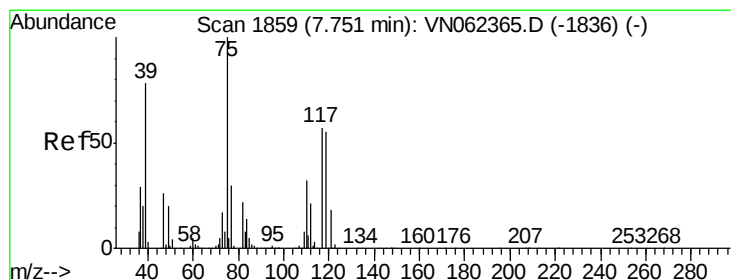
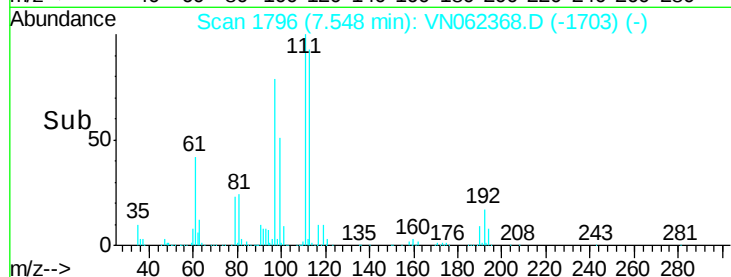
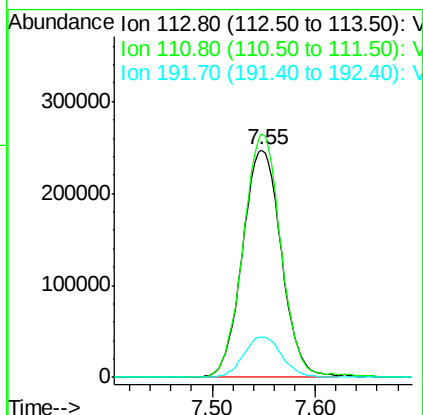
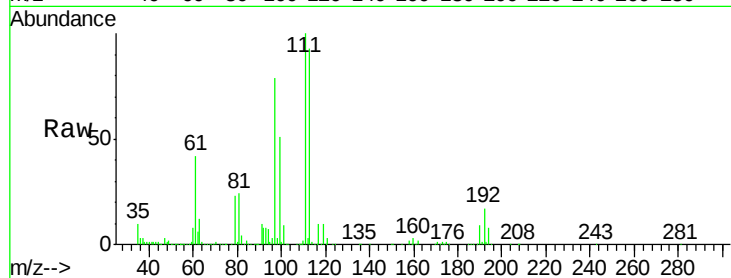




#35
 Dibromofluoromethane
 Concen: 49.217 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062368.D
 Acq: 6 Jul 2020 15:53

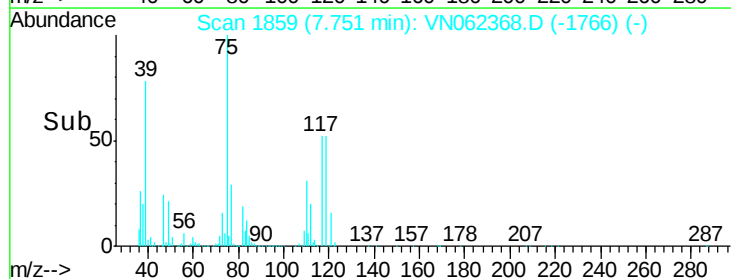
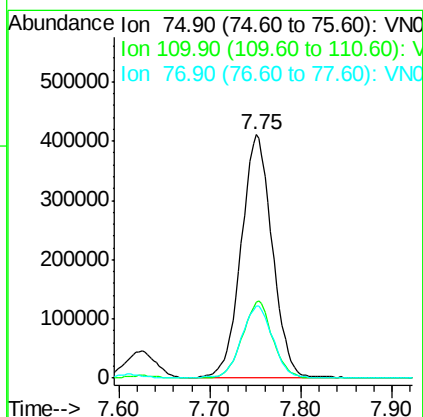
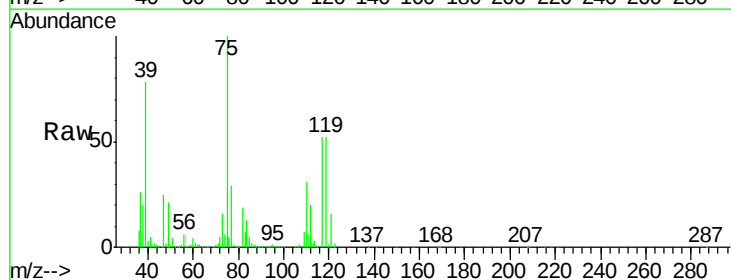
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070620

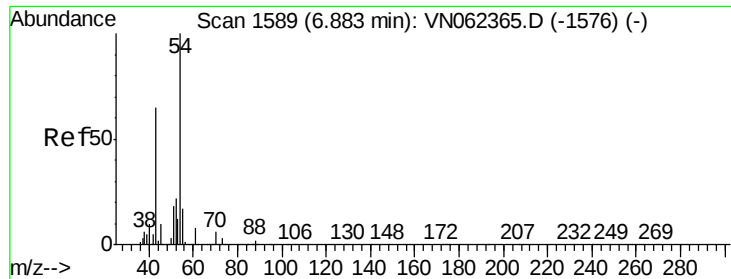
Tot Ion:113 Resp: 647353
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.2 124.8
 192 17.5 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 47.941 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062368.D
 Acq: 6 Jul 2020 15:53

Tgt Ion: 75 Resp: 971236
 Ion Ratio Lower Upper
 75 100
 110 30.8 15.7 47.1
 77 30.0 24.3 36.5

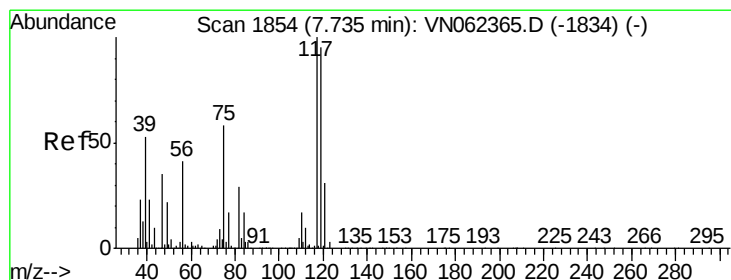
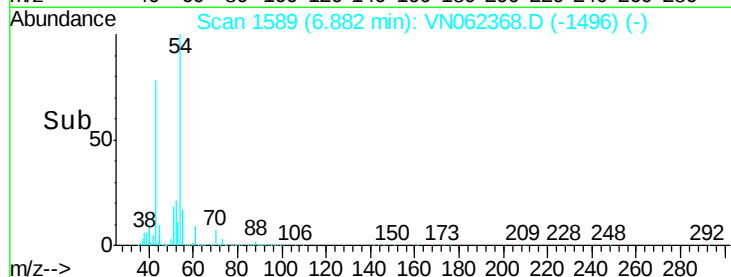
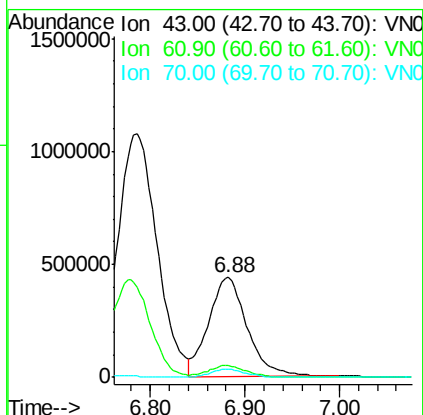
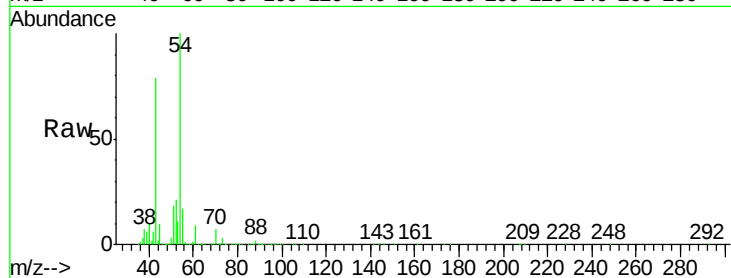




#37
Ethyl Acetate
Concen: 51.752 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

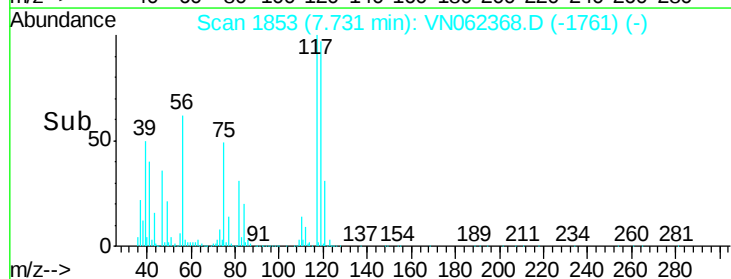
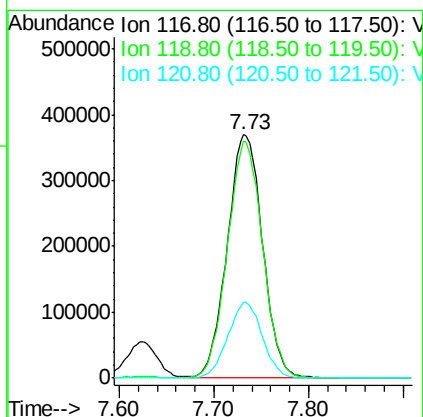
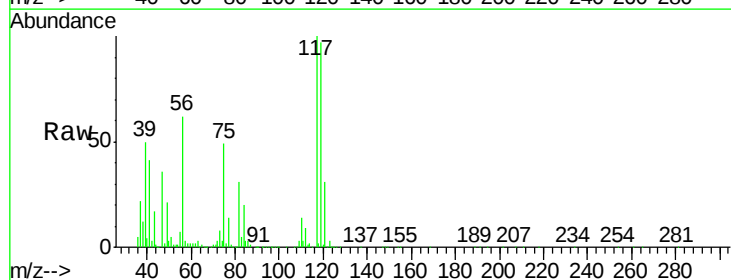
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070620

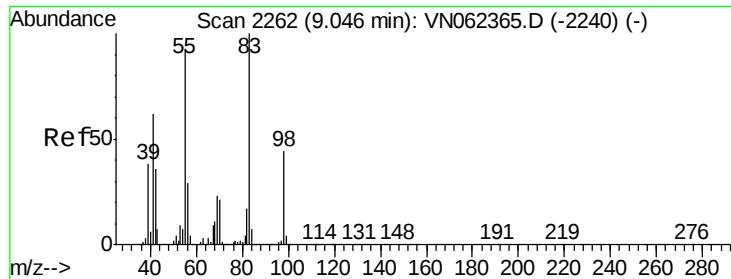
Tot Ion: 43 Resp: 1243820
Ion Ratio Lower Upper
43 100
61 11.2 8.8 13.2
70 7.6 6.2 9.4



#38
Carbon Tetrachloride
Concen: 46.945 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

Tgt Ion: 117 Resp: 956408
Ion Ratio Lower Upper
117 100
119 97.4 75.9 113.9
121 31.0 24.6 36.8

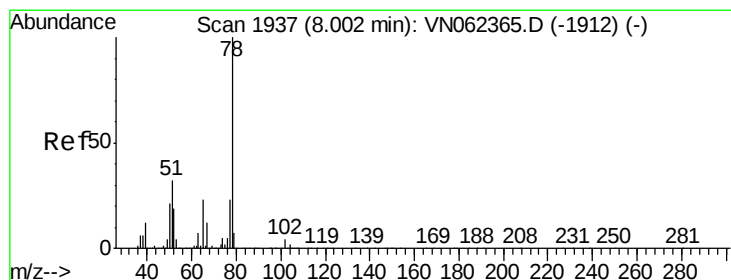
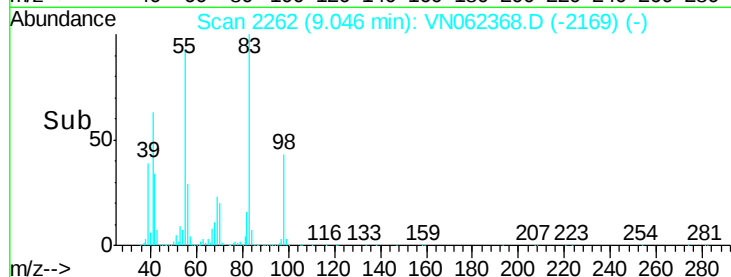
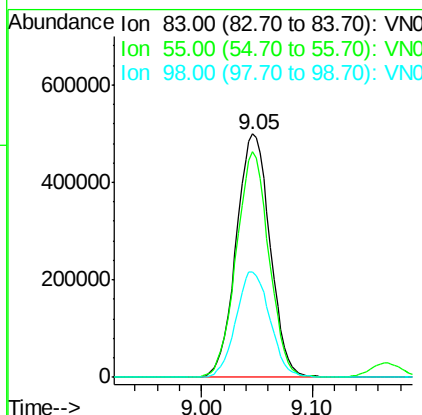
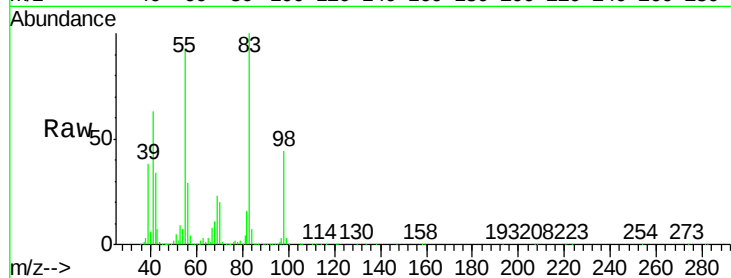




#39
Methvlcvclohexane
Concen: 48.790 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

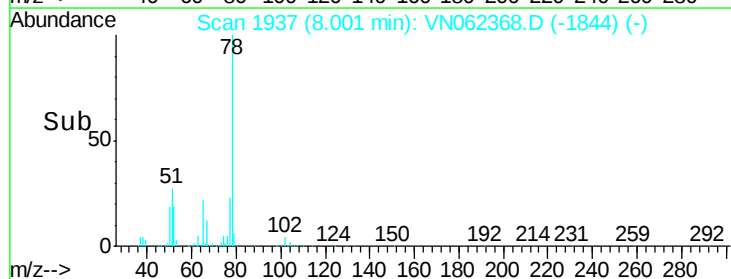
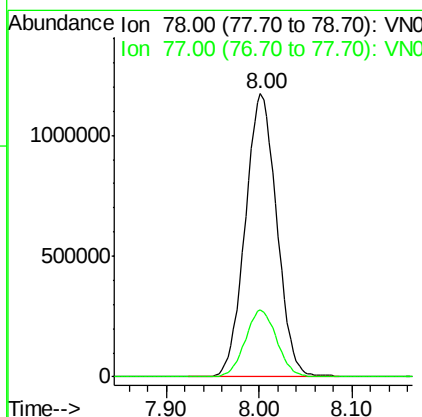
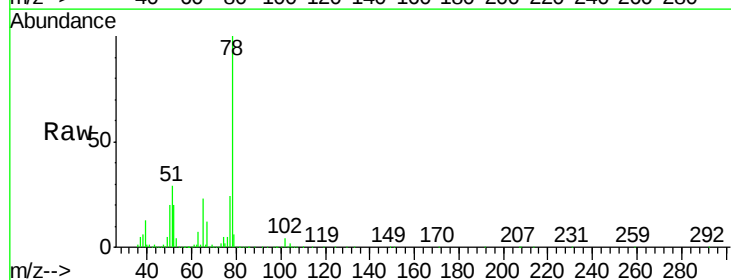
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070620

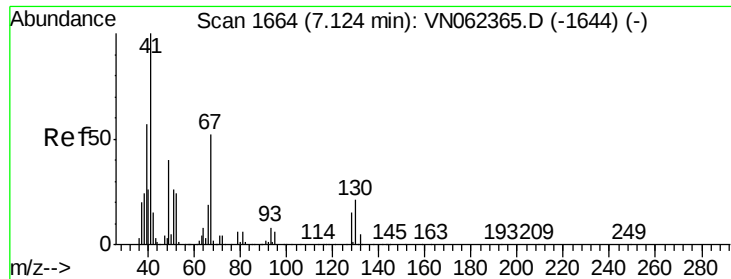
Tot Ion: 83 Resp: 1062993
Ion Ratio Lower Upper
83 100
55 92.4 74.1 111.1
98 43.5 35.6 53.4



#40
Benzene
Concen: 47.918 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

Tgt Ion: 78 Resp: 2757810
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0

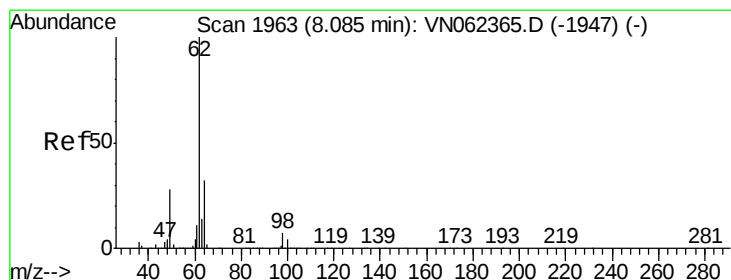
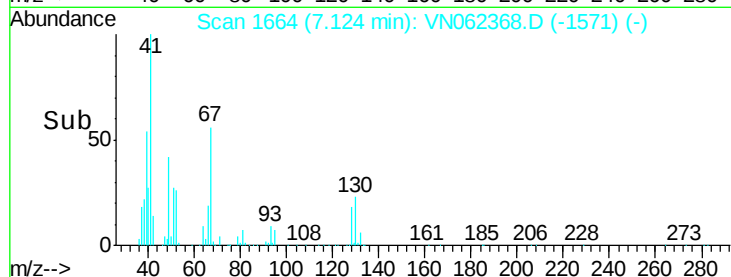
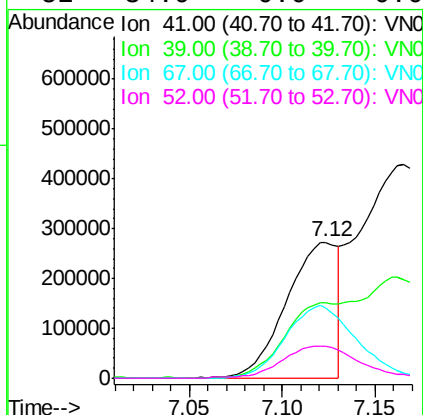
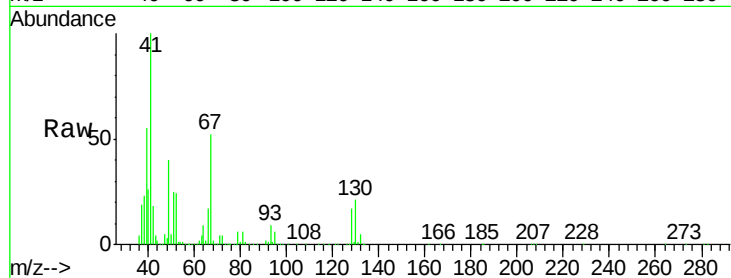




#41
Methacrylonitrile
Concen: 42.967 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

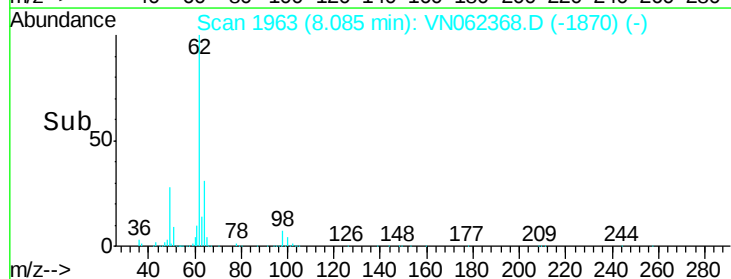
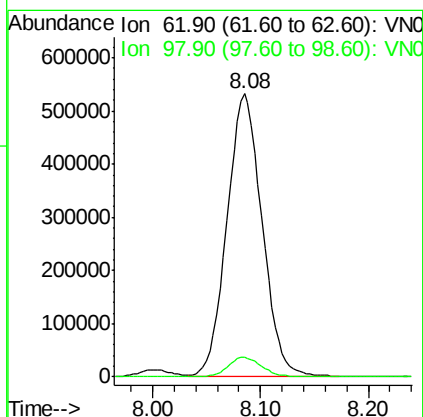
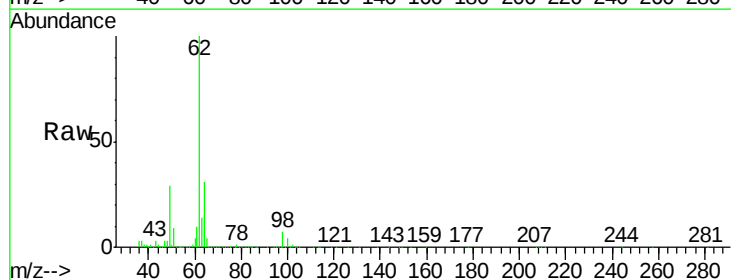
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070620

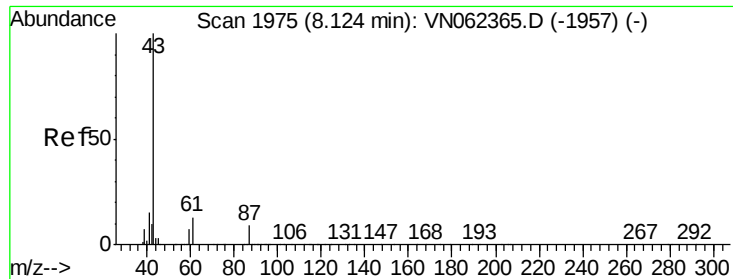
Tot Ion:	41	Resp:	521277
Ion	Ratio	Lower	Upper
41	100		
39	51.3	0.0	0.0#
67	75.0	0.0	0.0#
52	34.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 47.407 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

Tgt Ion:	62	Resp:	1202137
Ion	Ratio	Lower	Upper
62	100		
98	6.9	0.0	13.4





#43

Isopropyl Acetate

Concen: 52.222 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070620

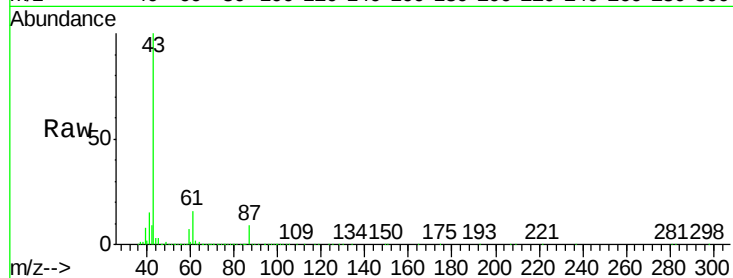
Tot Ion: 43 Resp: 2097840

Ion Ratio Lower Upper

43 100

61 16.4 13.1 19.7

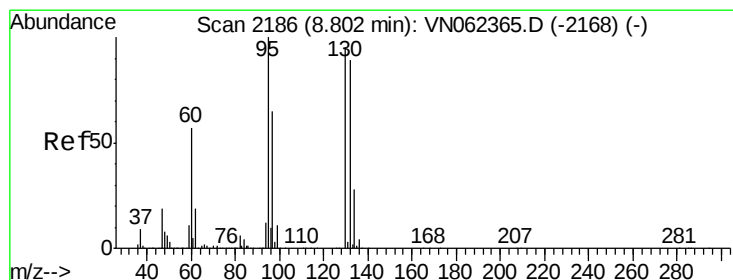
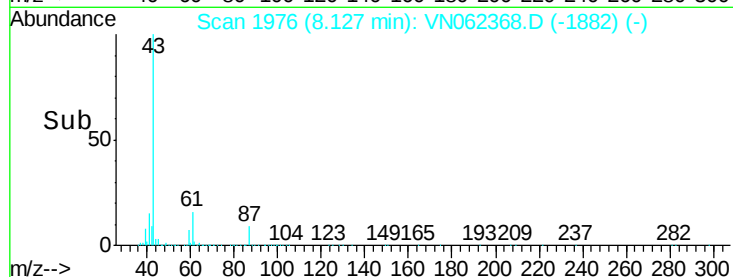
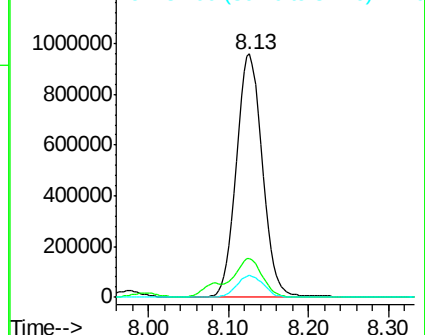
87 9.4 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VN062365.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062365.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062365.D (-1957) (-)



#44

Trichloroethene

Concen: 46.993 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062368.D

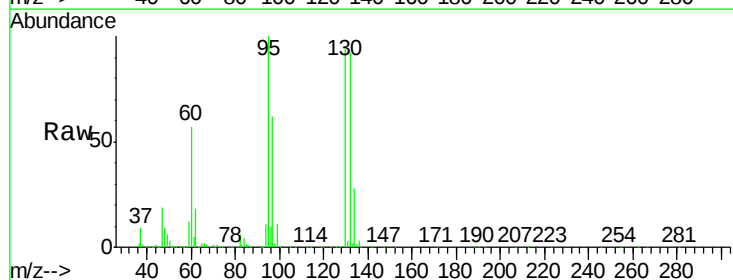
Acq: 6 Jul 2020 15:53

Tgt Ion: 130 Resp: 646577

Ion Ratio Lower Upper

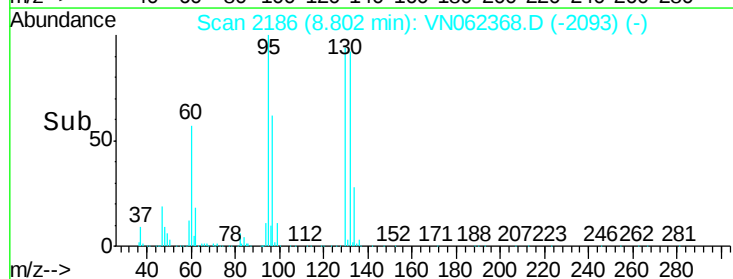
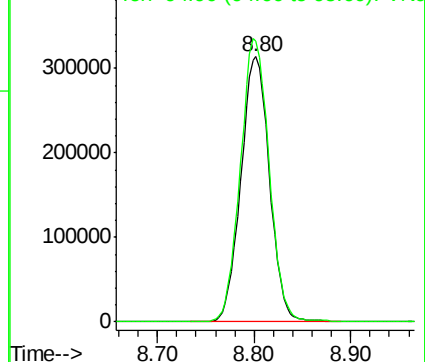
130 100

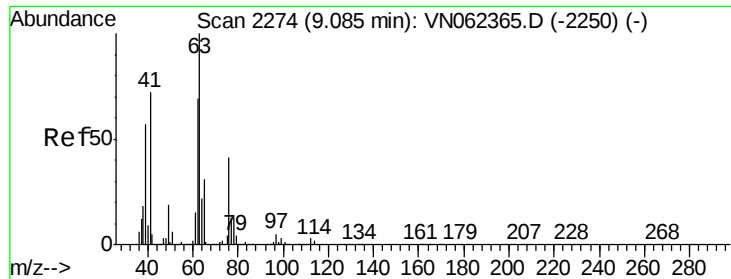
95 105.8 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): VN062365.D (-2168) (-)

Ion 94.90 (94.60 to 95.60): VN062365.D (-2168) (-)





#45

1,2-Dichloropropane

Concen: 47.420 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

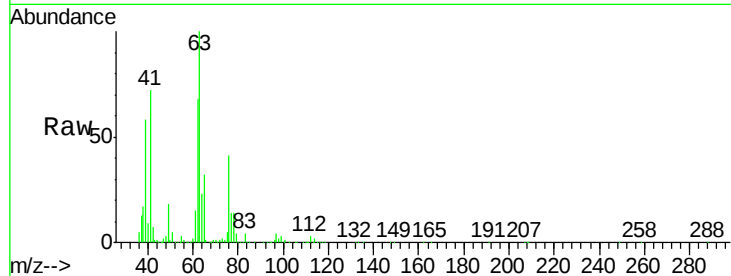
ICVVN070620

Tot Ion: 63 Resp: 799981

Ion Ratio Lower Upper

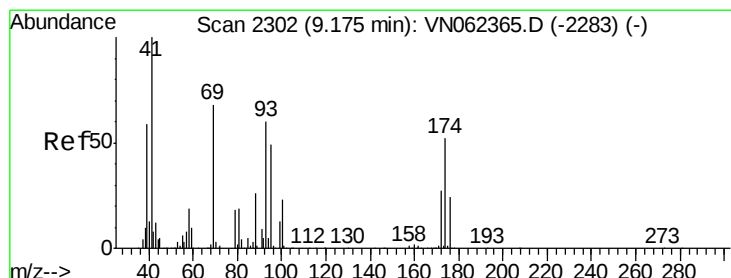
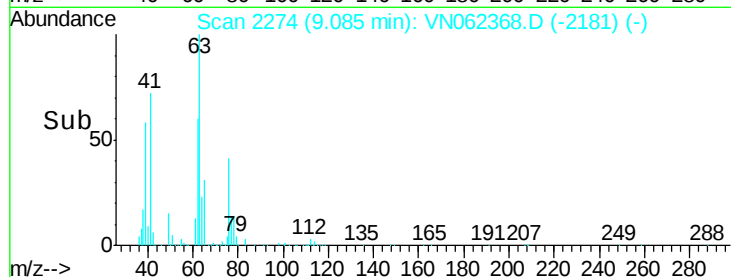
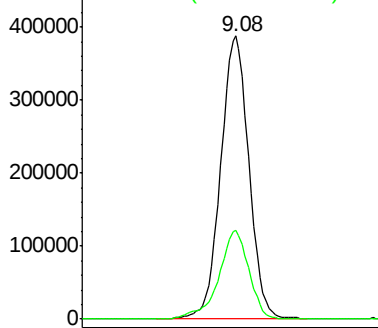
63 100

65 31.5 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 47.680 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

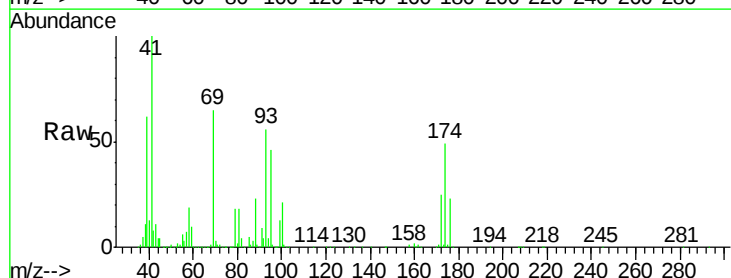
Tgt Ion: 93 Resp: 497841

Ion Ratio Lower Upper

93 100

95 82.9 64.8 97.2

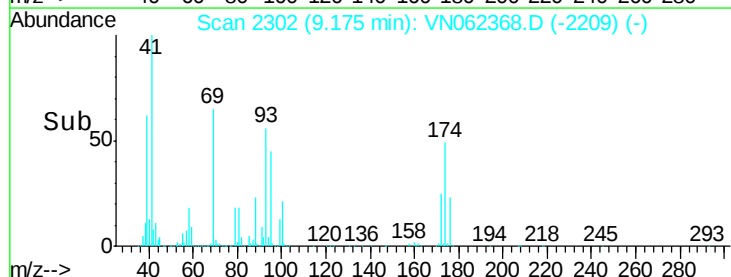
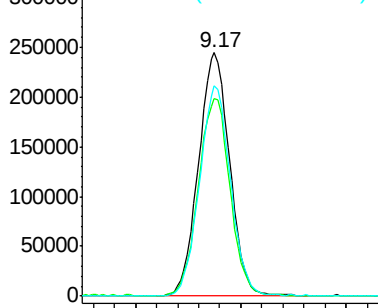
174 85.9 67.6 101.4

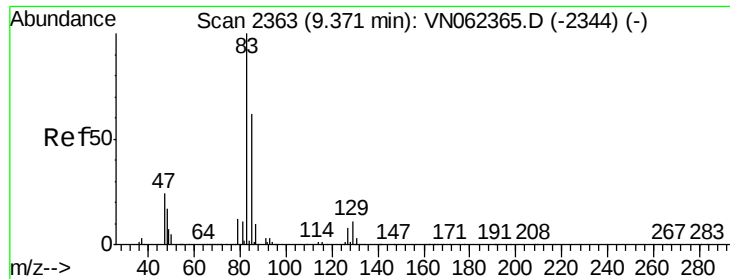


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.835 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070620

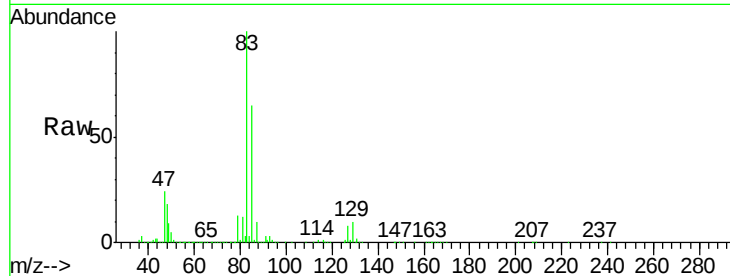
Tot Ion: 83 Resp: 1064602

Ion Ratio Lower Upper

83 100

85 65.1 49.8 74.6

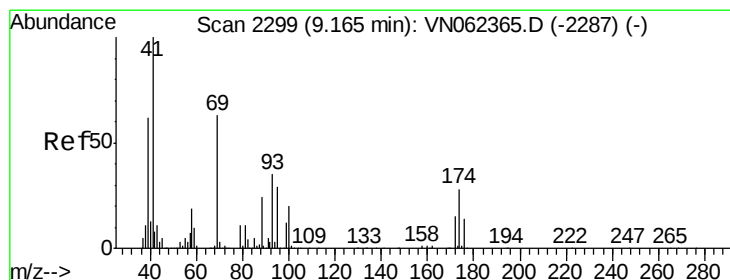
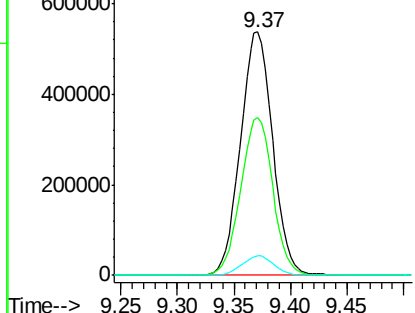
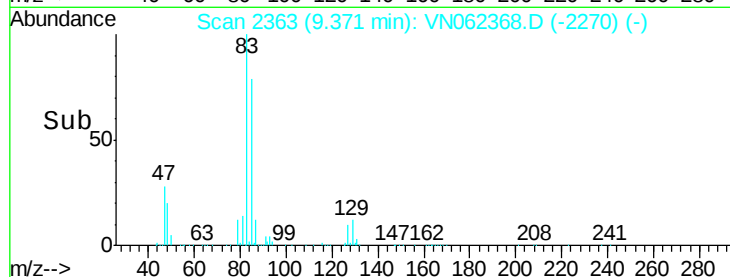
127 8.1 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.310 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

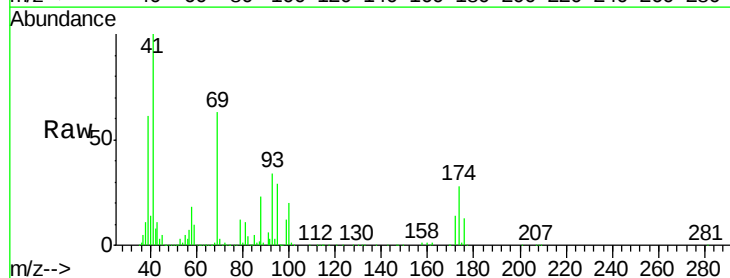
Tgt Ion: 41 Resp: 1031499

Ion Ratio Lower Upper

41 100

69 65.1 51.5 77.3

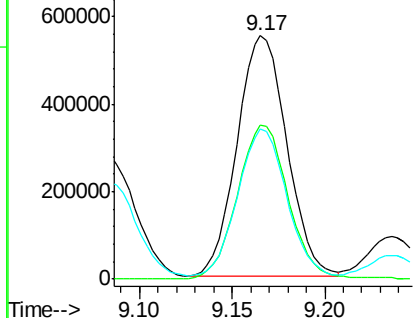
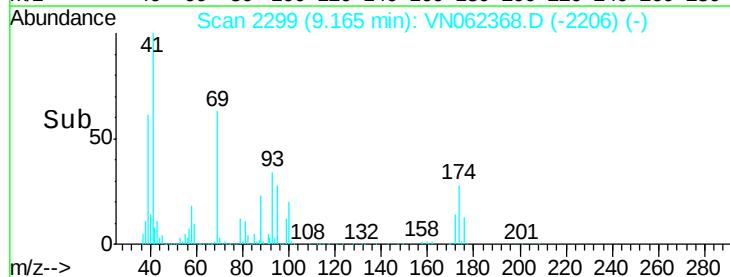
39 59.7 51.2 76.8

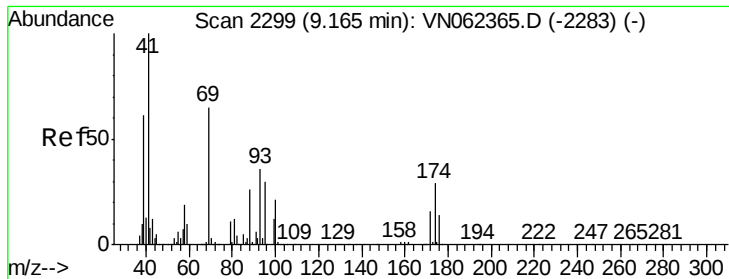


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

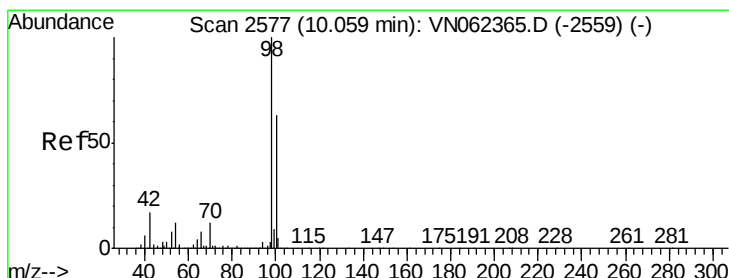
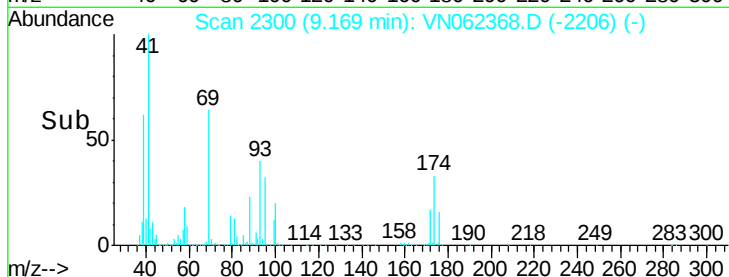
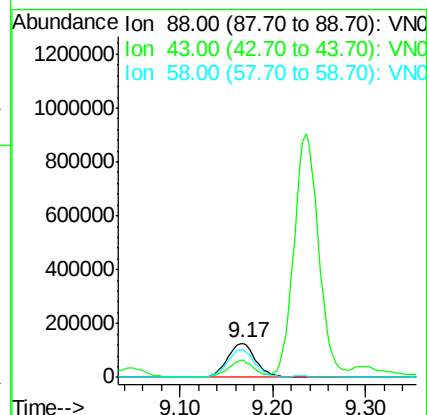
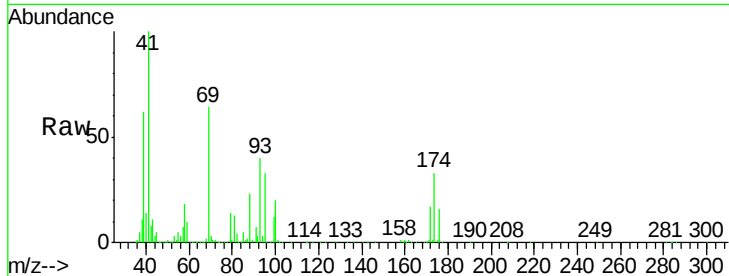




#49
1,4-Dioxane
Concen: 971.409 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

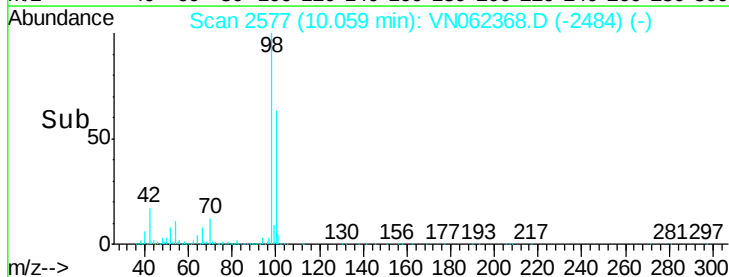
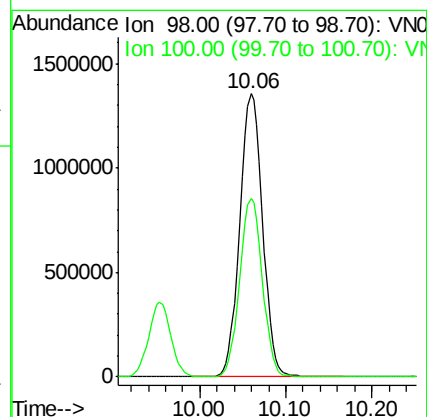
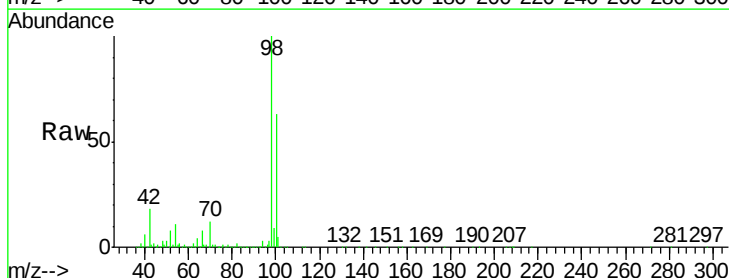
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070620

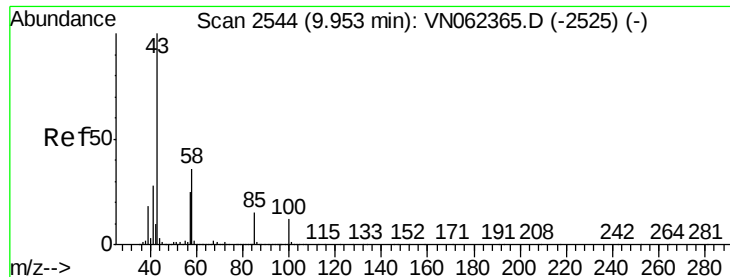
Tot Ion: 88 Resp: 270487
Ion Ratio Lower Upper
88 100
43 44.7 34.0 51.0
58 77.2 63.0 94.4



#50
Toluene-d8
Concen: 50.804 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

Tgt Ion: 98 Resp: 2497917
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2

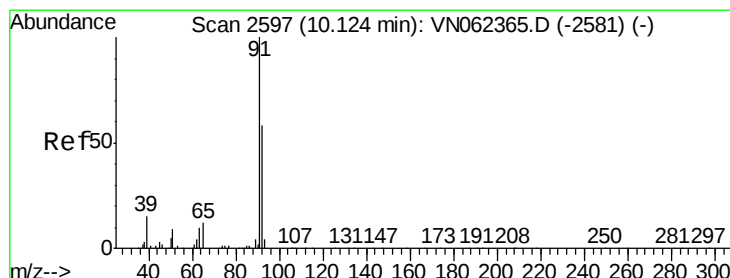
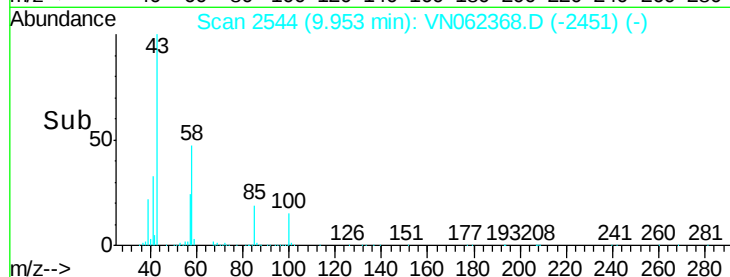
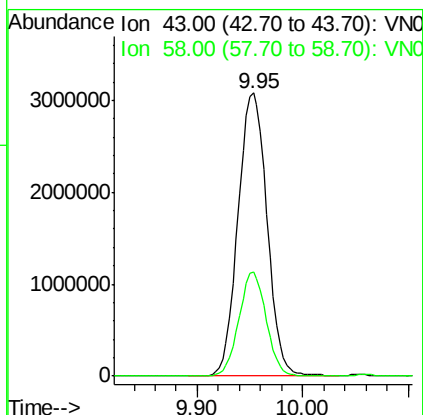
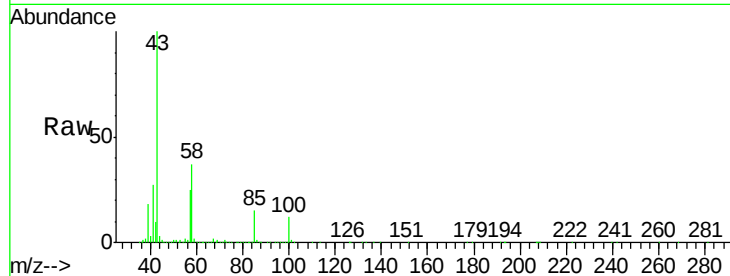




#51
 4-Methyl-2-Pentanone
 Concen: 258.277 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062368.D
 Acq: 6 Jul 2020 15:53

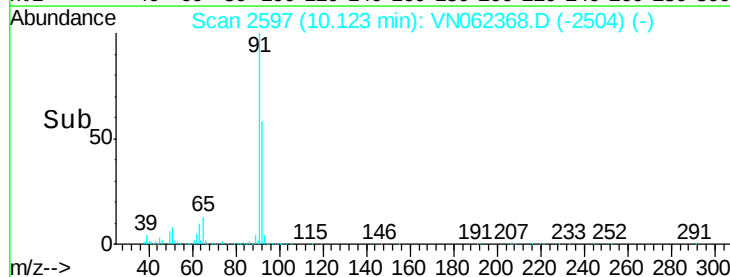
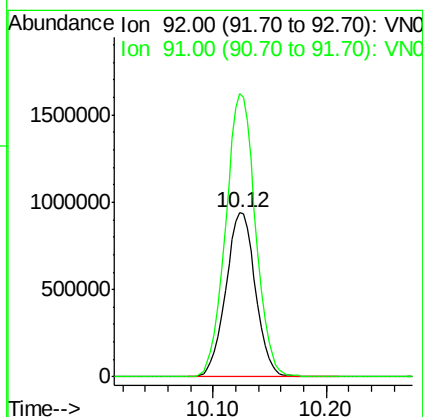
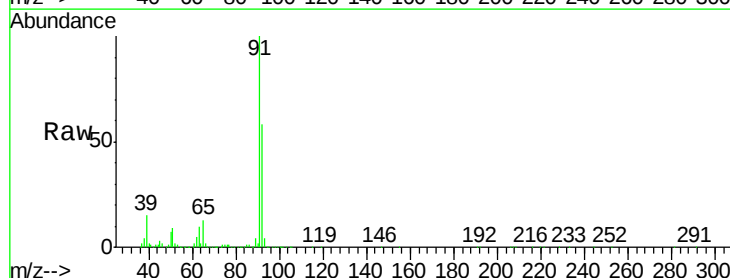
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070620

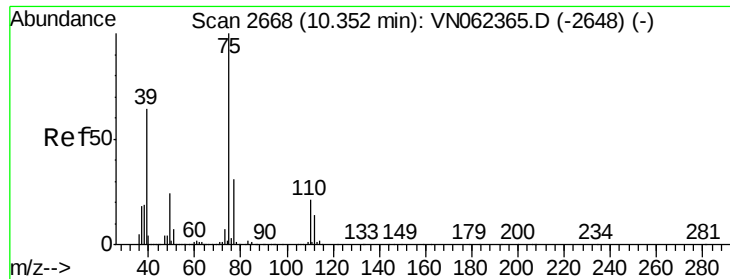
Tot Ion: 43 Resp: 5886886
 Ion Ratio Lower Upper
 43 100
 58 34.6 27.6 41.4



#52
 Toluene
 Concen: 49.679 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062368.D
 Acq: 6 Jul 2020 15:53

Tgt Ion: 92 Resp: 1709731
 Ion Ratio Lower Upper
 92 100
 91 174.0 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 50.323 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

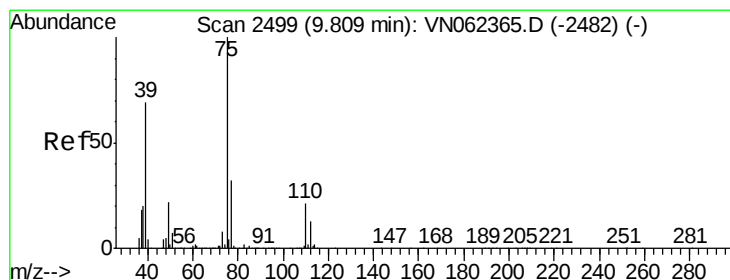
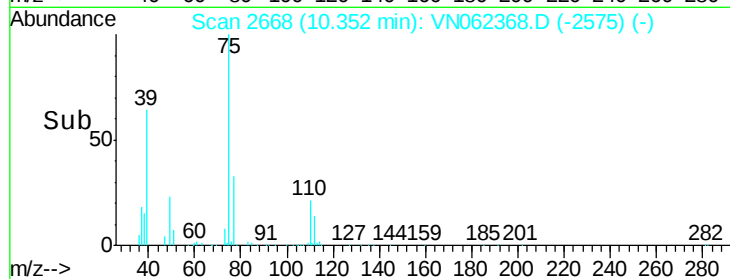
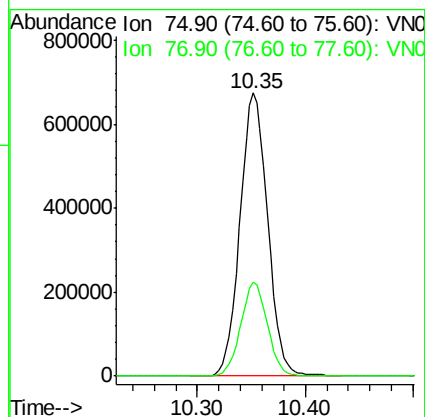
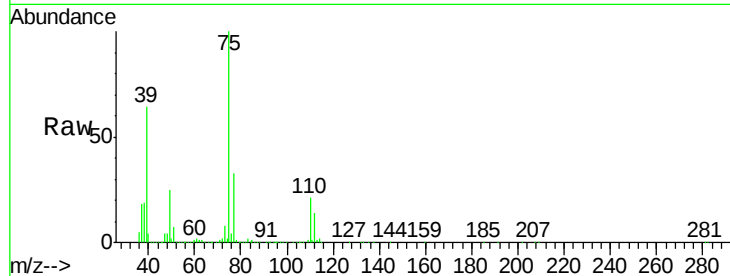
ICVVN070620

Tot Ion: 75 Resp: 1205081

Ion Ratio Lower Upper

75 100

77 33.1 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 49.631 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

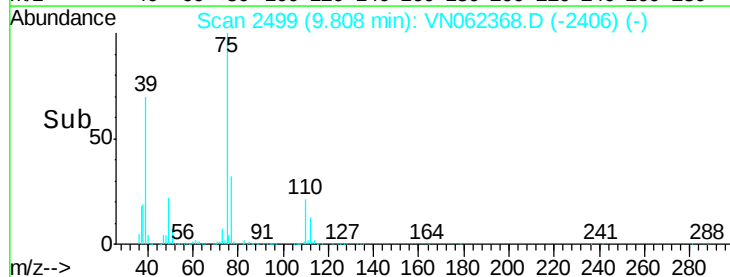
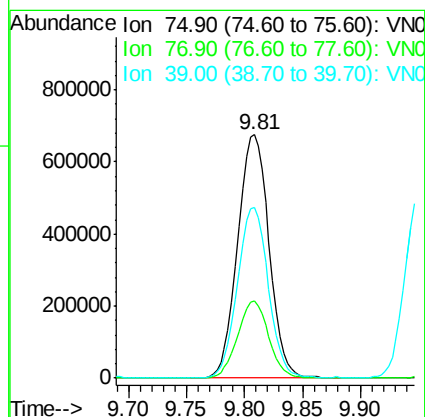
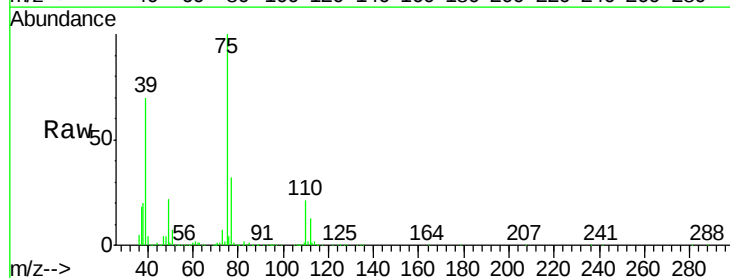
Tgt Ion: 75 Resp: 1268151

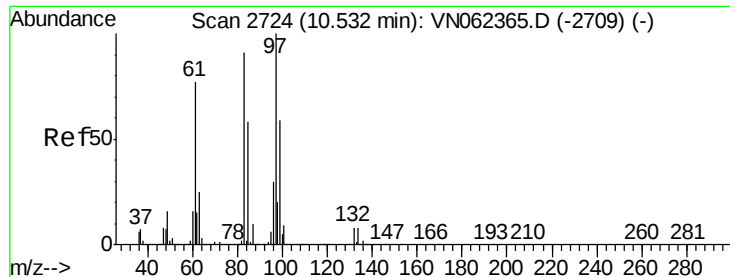
Ion Ratio Lower Upper

75 100

77 31.5 26.0 39.0

39 69.7 55.3 82.9





#55

1,1,2-Trichloroethane

Concen: 48.768 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070620

Tot Ion: 97 Resp: 672583

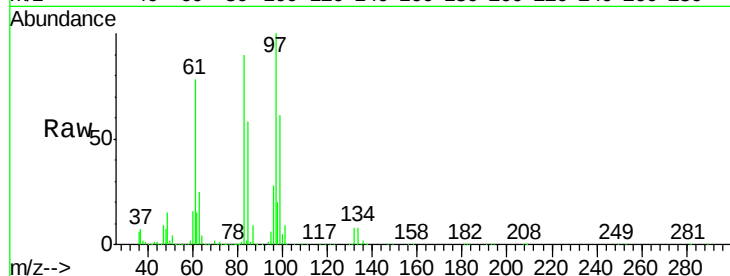
Ion Ratio Lower Upper

97 100

83 89.4 72.4 108.6

85 57.9 46.3 69.5

99 60.8 47.0 70.6

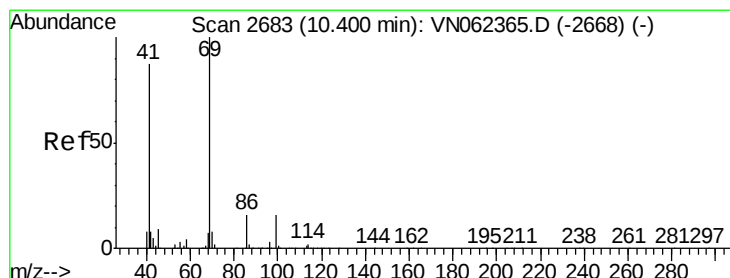
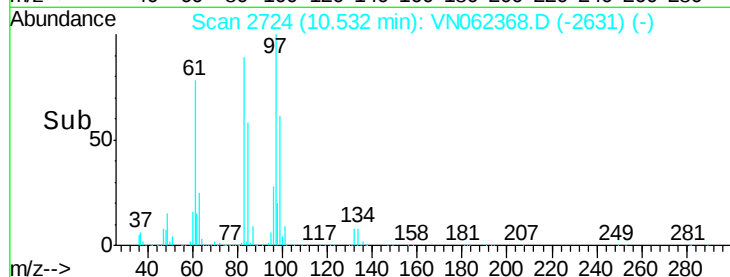
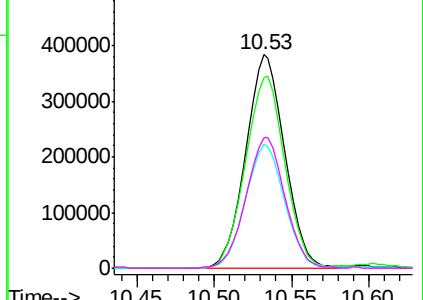


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 52.699 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

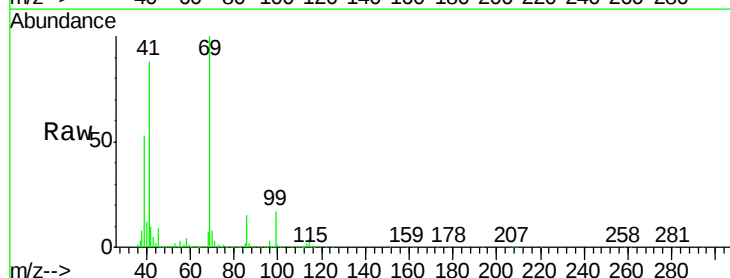
Tgt Ion: 69 Resp: 1170608

Ion Ratio Lower Upper

69 100

41 87.1 69.4 104.0

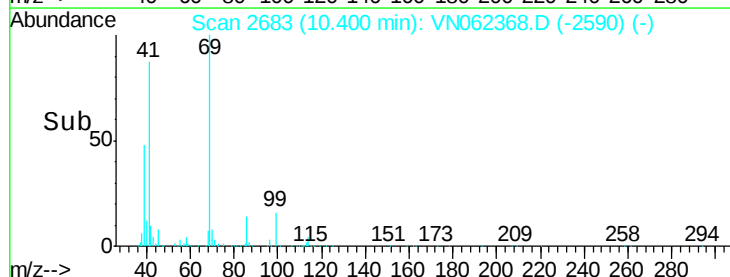
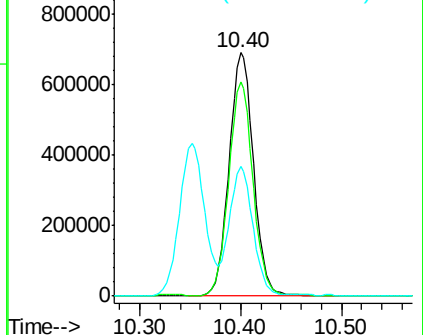
39 51.2 42.4 63.6

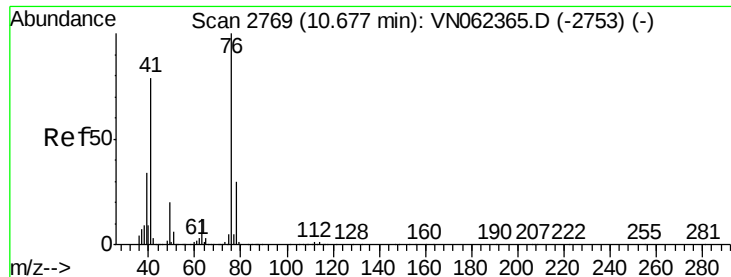


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 48.278 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

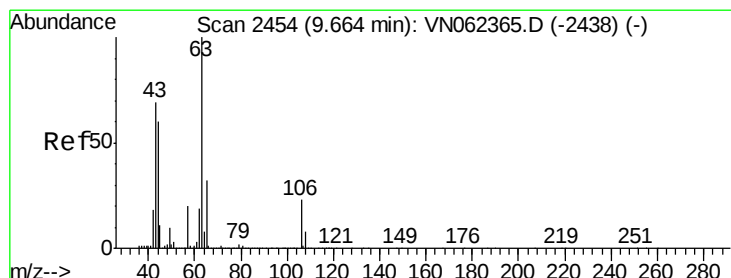
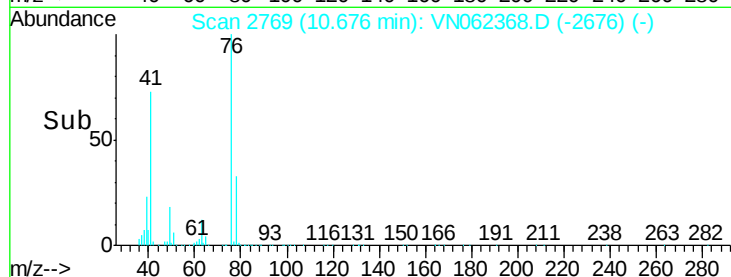
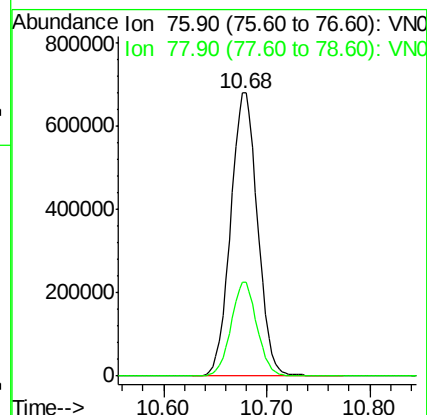
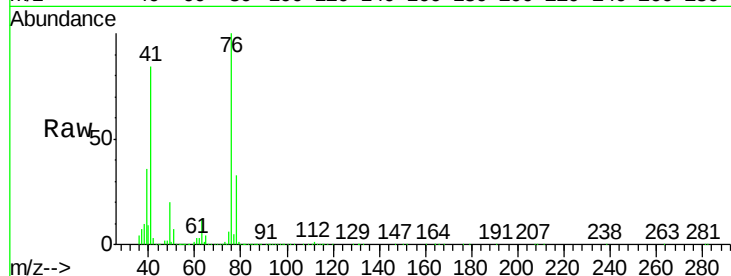
ICVVN070620

Tot Ion: 76 Resp: 1236476

Ion Ratio Lower Upper

76 100

78 32.0 25.0 37.4



#58

2-Chloroethyl Vinyl ether

Concen: 257.366 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062368.D

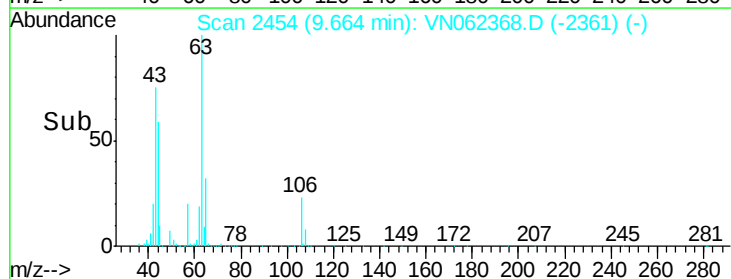
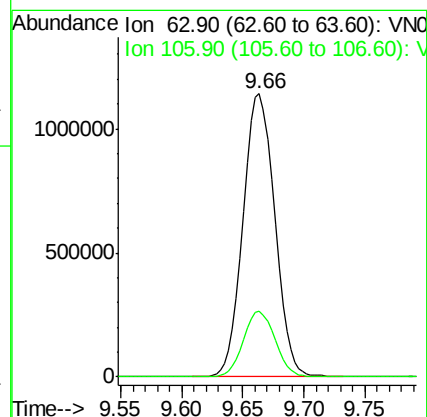
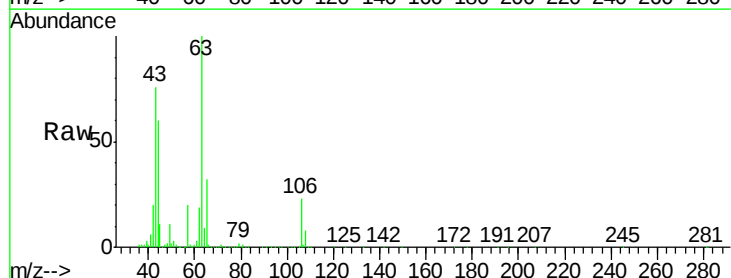
Acq: 6 Jul 2020 15:53

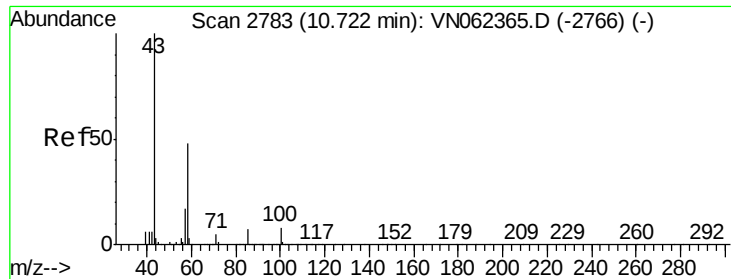
Tgt Ion: 63 Resp: 2056210

Ion Ratio Lower Upper

63 100

106 23.0 18.0 27.0

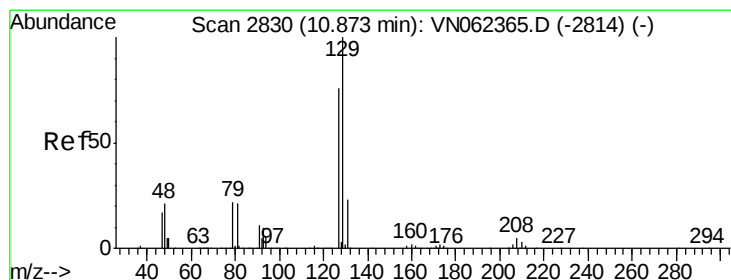
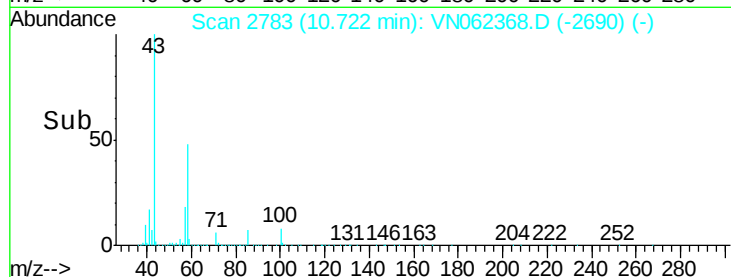
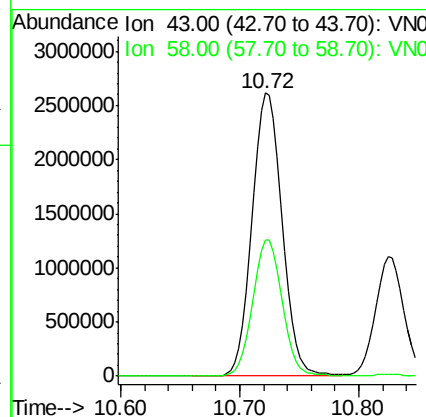
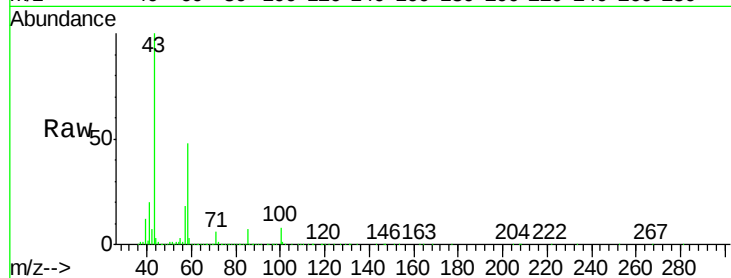




#59
2-Hexanone
Concen: 280.613 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

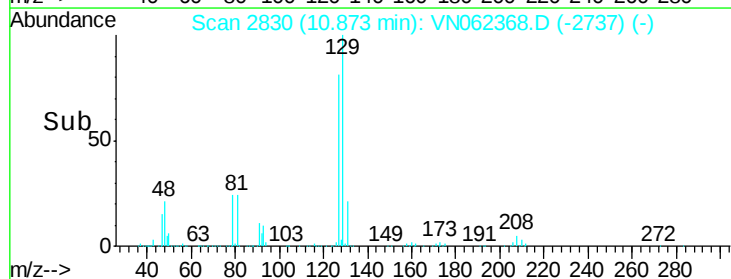
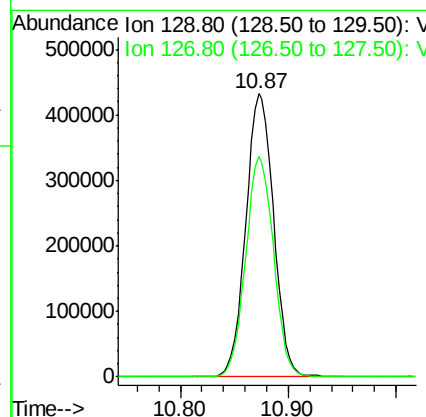
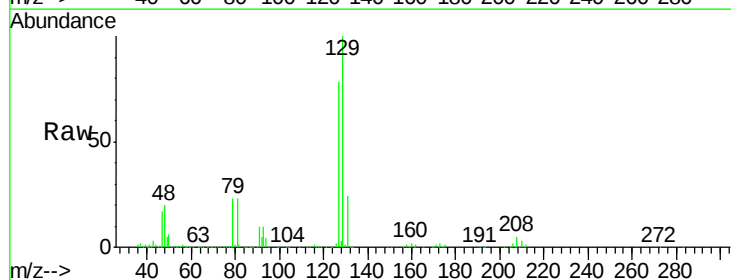
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070620

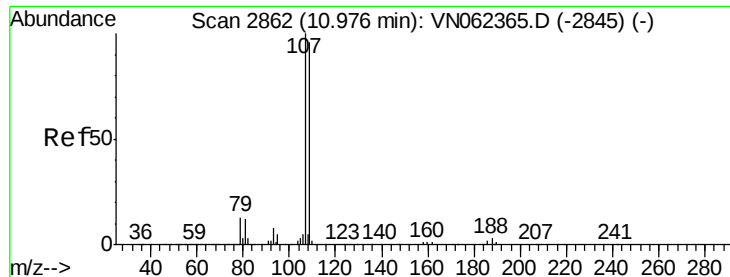
Tot Ion: 43 Resp: 4568787
Ion Ratio Lower Upper
43 100
58 47.4 23.5 70.6



#60
Dibromochloromethane
Concen: 49.381 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

Tgt Ion: 129 Resp: 775552
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 49.275 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

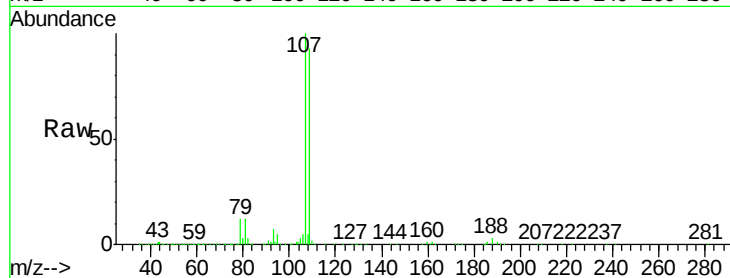
ICVVN070620

Tot Ion:107 Resp: 697649

Ion Ratio Lower Upper

107 100

109 93.7 76.4 114.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

400000

300000

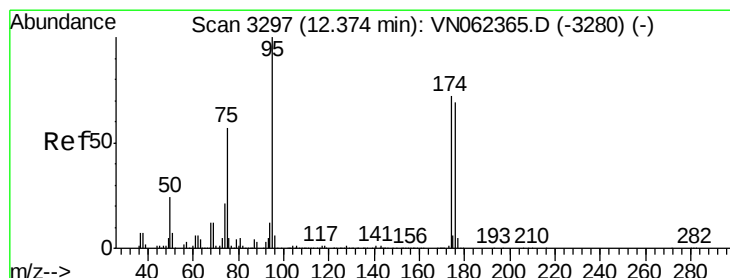
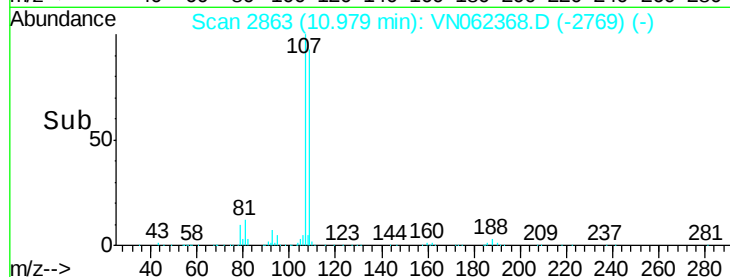
200000

100000

0

Time-->

10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 50.679 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

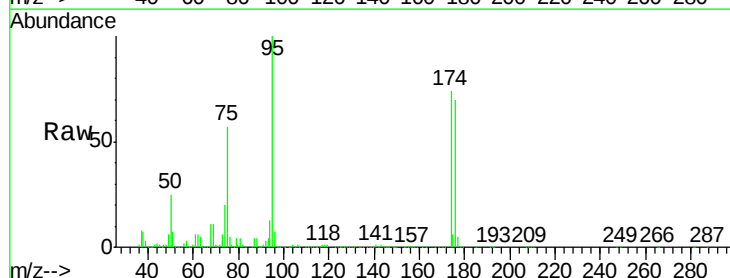
Tgt Ion: 95 Resp: 954322

Ion Ratio Lower Upper

95 100

174 72.2 0.0 145.8

176 69.8 0.0 140.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

600000

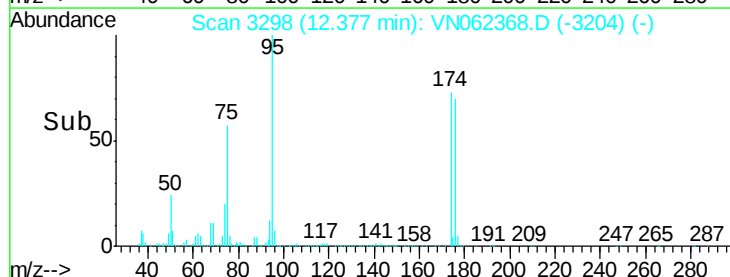
400000

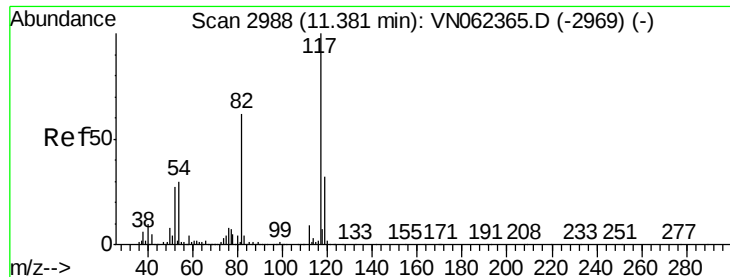
200000

0

Time-->

12.30 12.35 12.40 12.45

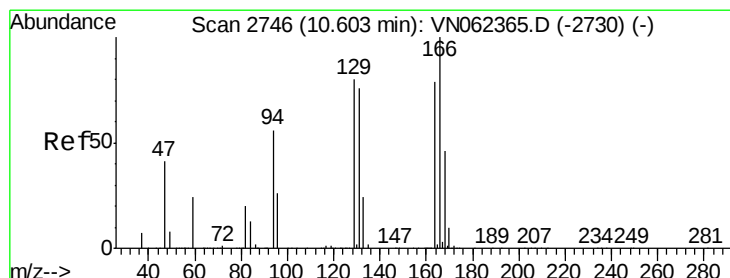
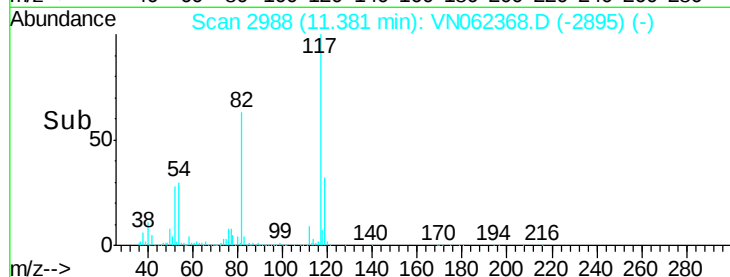
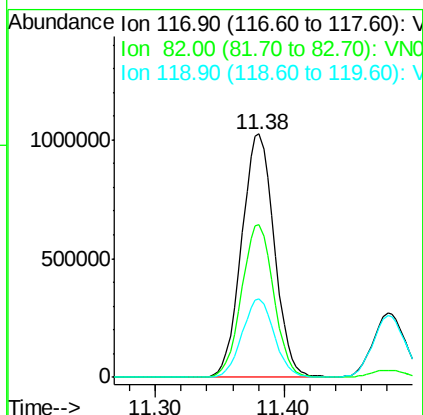
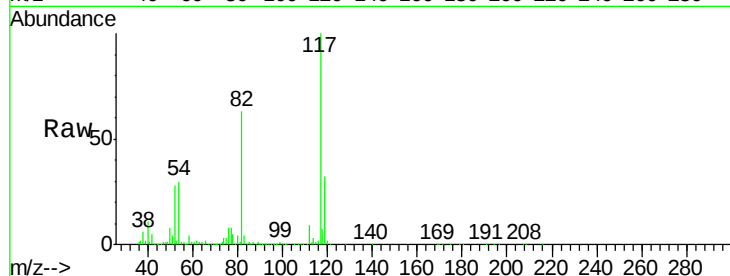




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

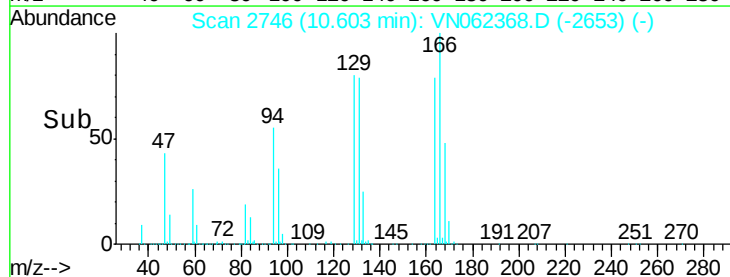
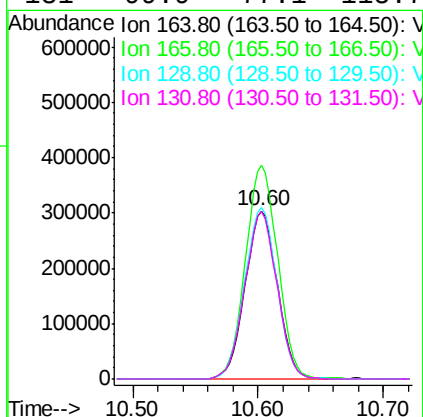
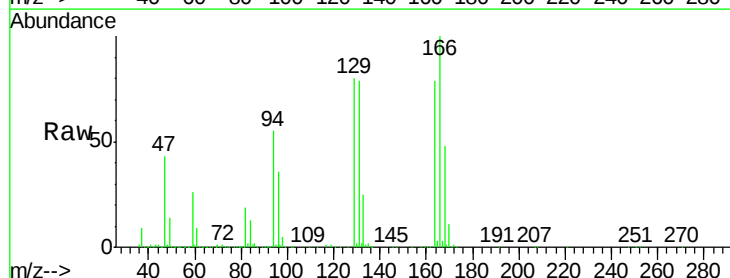
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070620

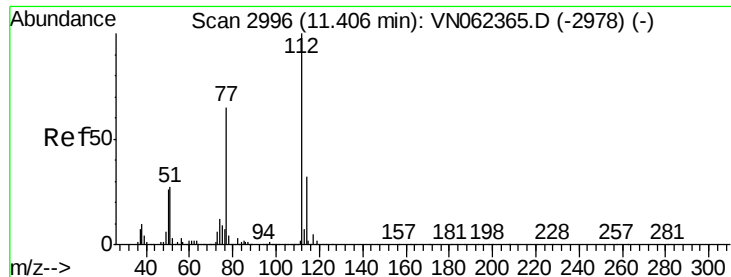
Tot Ion:117 Resp: 1806584
Ion Ratio Lower Upper
117 100
82 62.6 49.4 74.2
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 46.771 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

Tgt Ion:164 Resp: 543660
Ion Ratio Lower Upper
164 100
166 127.2 101.6 152.4
129 102.3 81.4 122.2
131 99.9 77.1 115.7





#65

Chlorobenzene

Concen: 48.007 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampled :

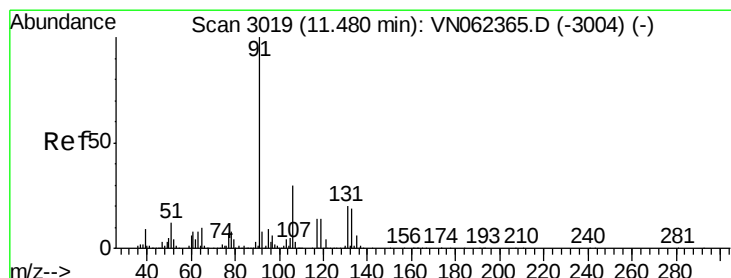
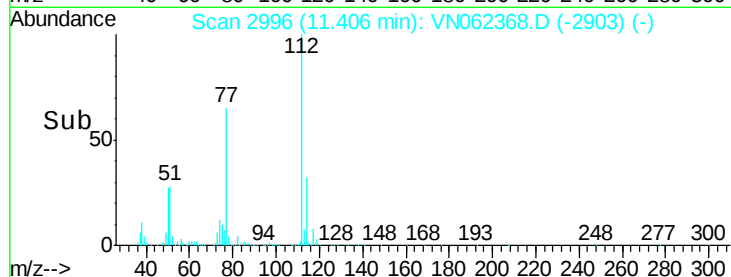
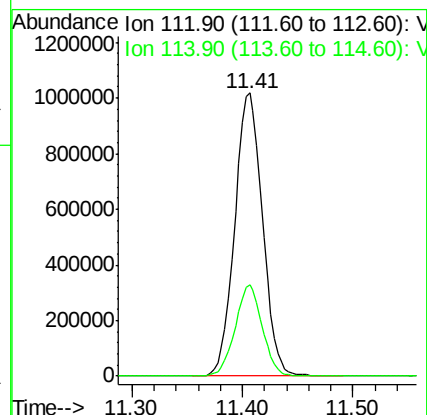
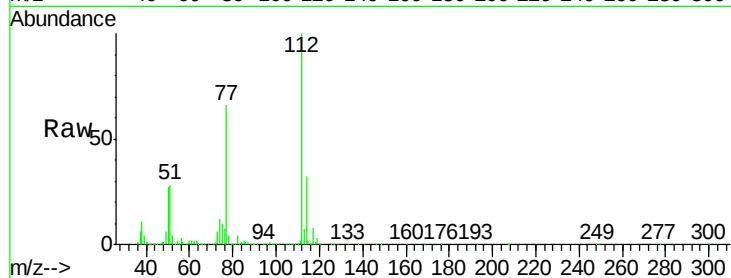
ICVVN070620

Tot Ion:112 Resp: 1778768

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 49.041 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

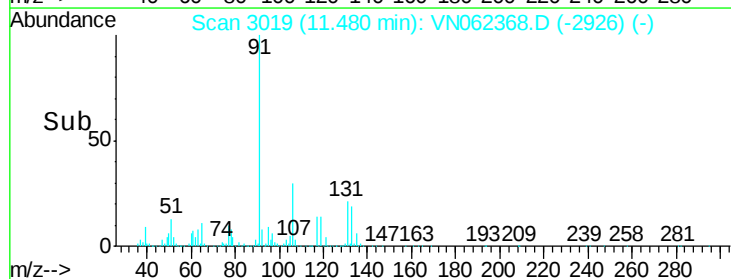
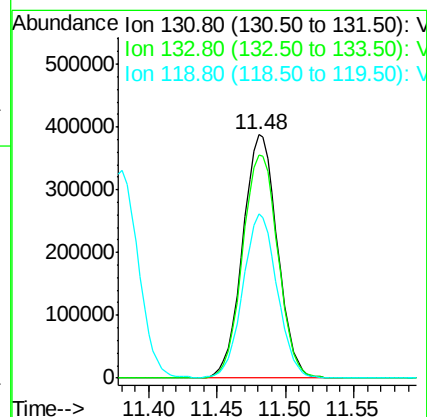
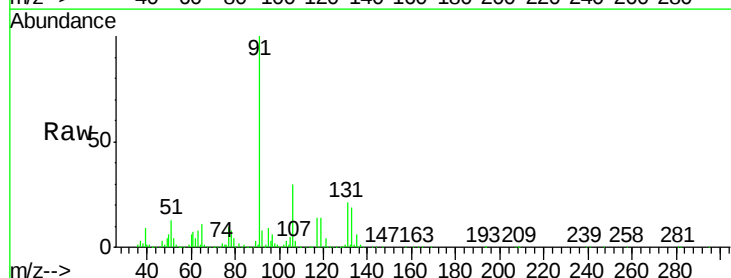
Tgt Ion:131 Resp: 683259

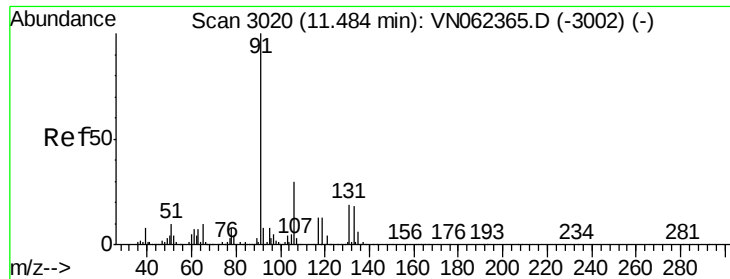
Ion Ratio Lower Upper

131 100

133 93.7 47.3 141.9

119 66.5 33.3 99.9

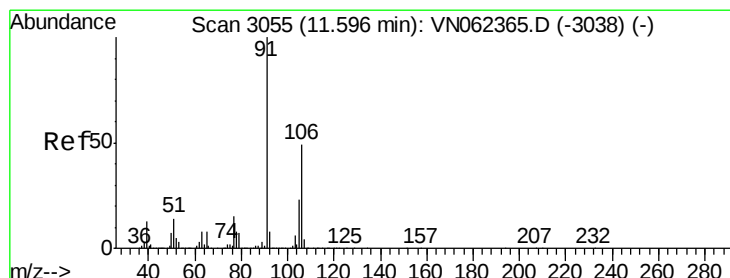
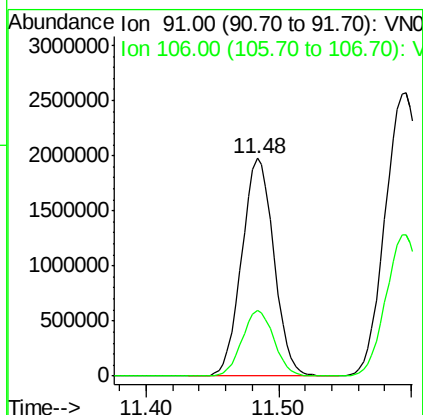
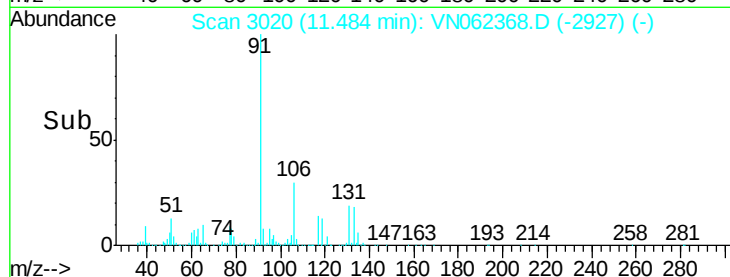
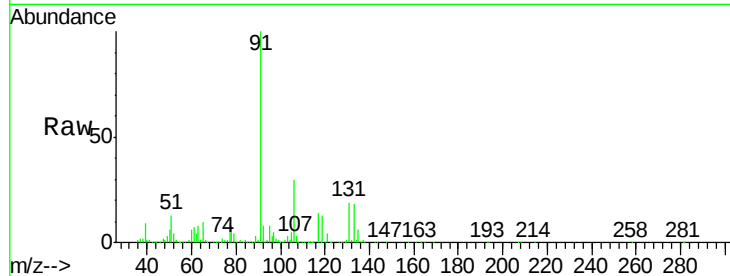




#67
Ethyl Benzene
Concen: 50.831 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

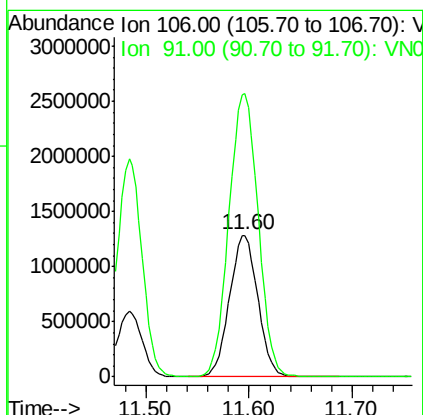
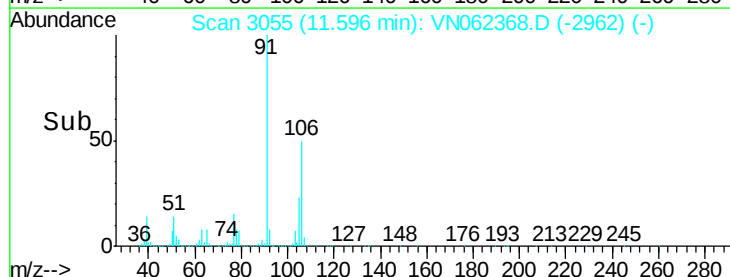
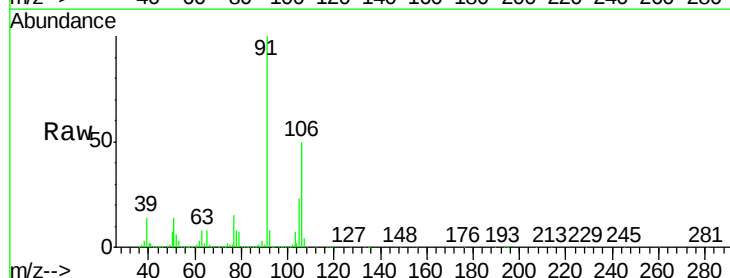
Instrument :
MSVOA_N
ClientSampled :
ICVVN070620

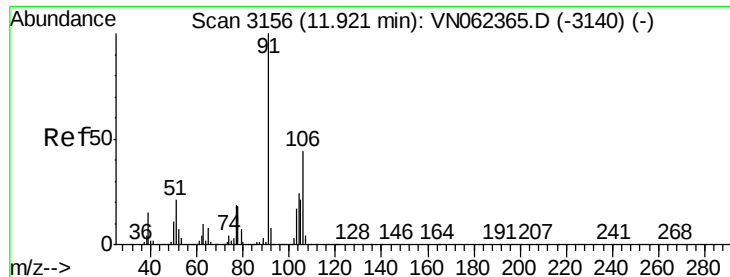
Tot Ion: 91 Resp: 3325740
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.2



#68
m/p-Xylenes
Concen: 101.916 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

Tgt Ion: 106 Resp: 2450936
Ion Ratio Lower Upper
106 100
91 207.2 165.4 248.2

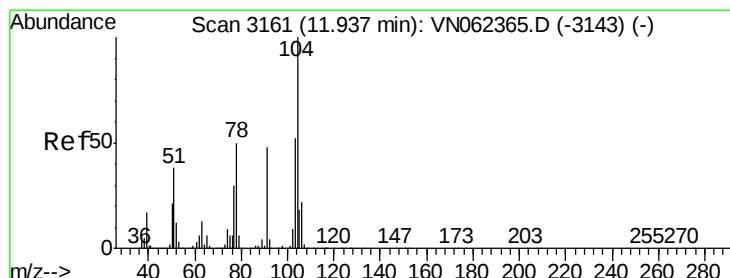
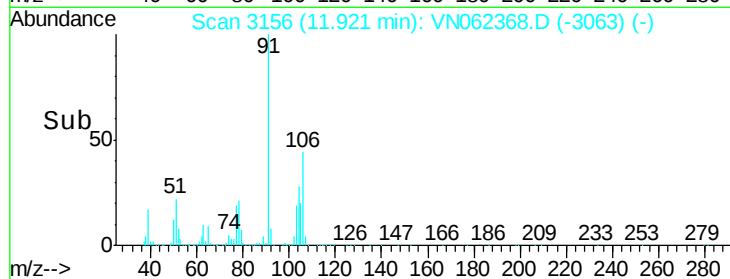
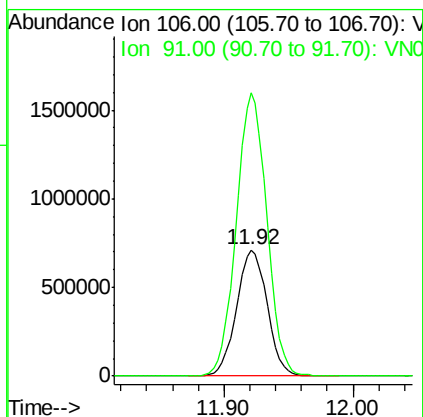
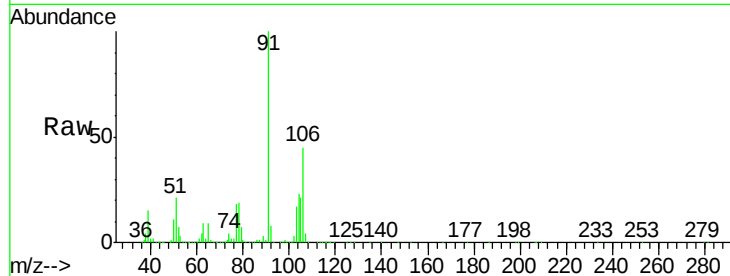




#69
o-Xylene
Concen: 49.423 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

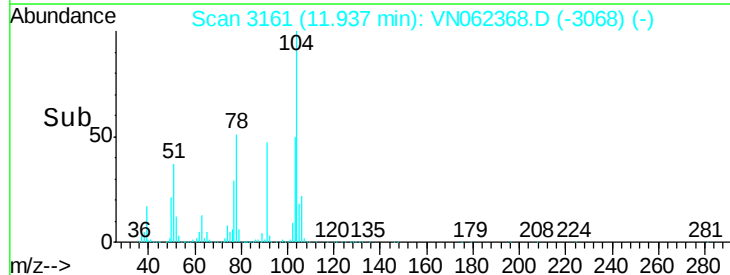
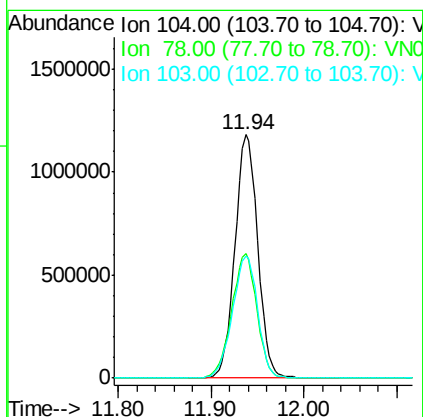
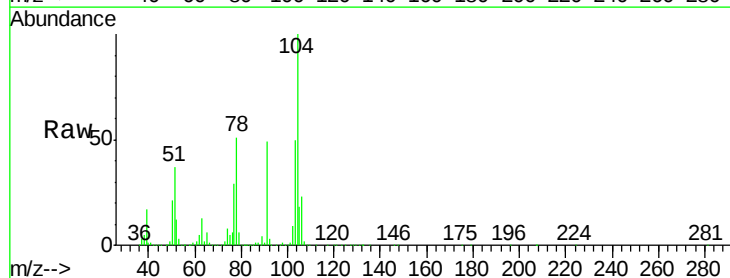
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070620

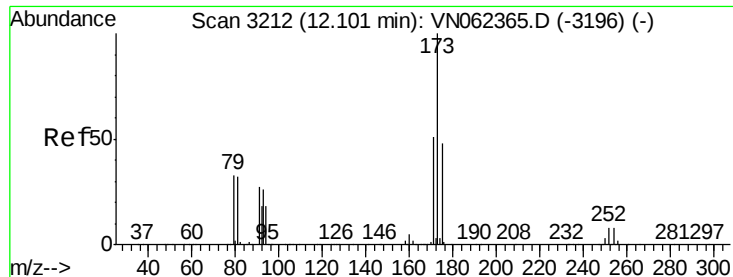
Tot Ion:106 Resp: 1169076
Ion Ratio Lower Upper
106 100
91 224.9 113.1 339.4



#70
Styrene
Concen: 51.631 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

Tgt Ion:104 Resp: 2018076
Ion Ratio Lower Upper
104 100
78 56.1 44.8 67.2
103 55.5 45.0 67.4





#71

Bromoform

Concen: 48.868 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070620

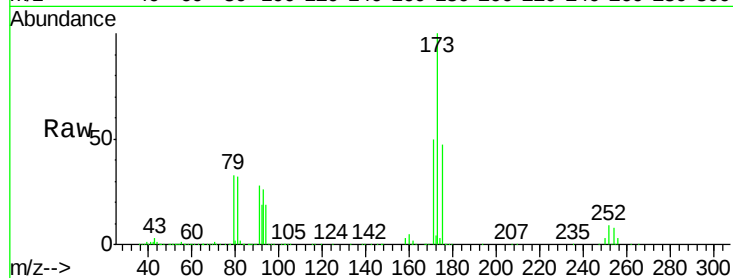
Tot Ion:173 Resp: 534571

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.2

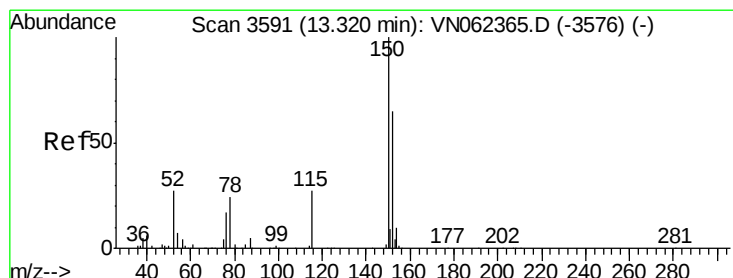
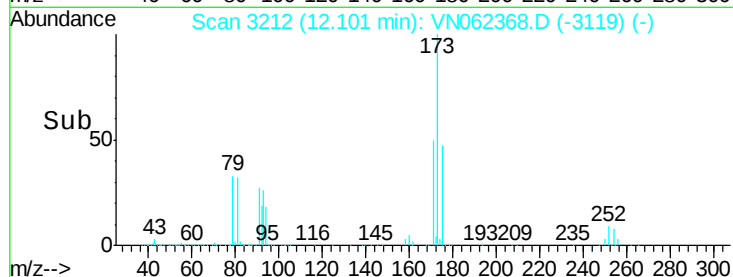
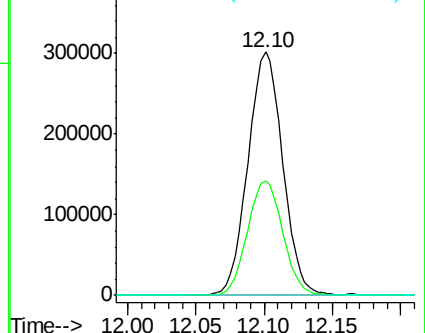
254 0.1 0.2 0.2#



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# 3591

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

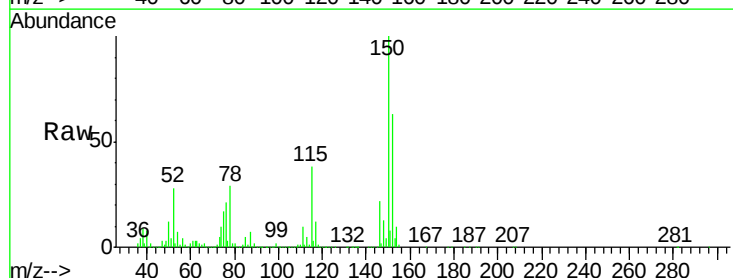
Tgt Ion:152 Resp: 897500

Ion Ratio Lower Upper

152 100

115 61.1 30.5 91.5

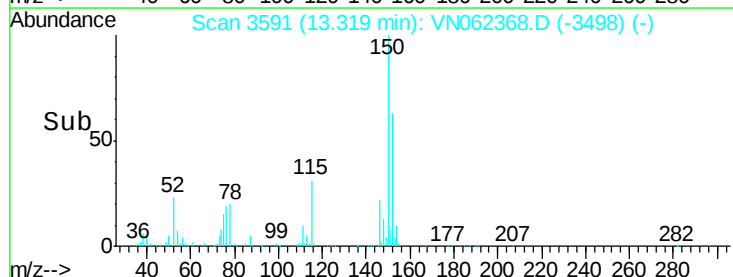
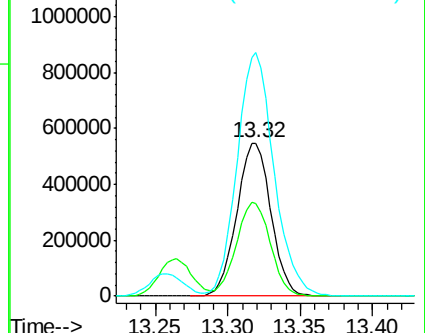
150 171.9 0.0 346.8

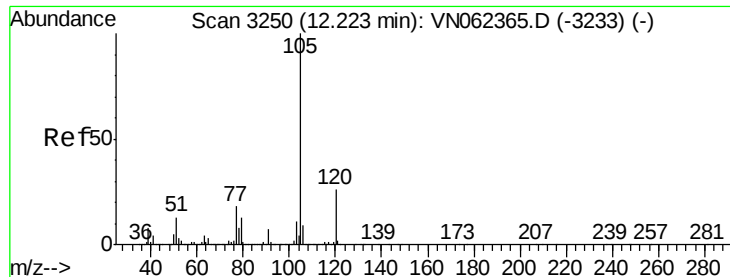


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.572 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

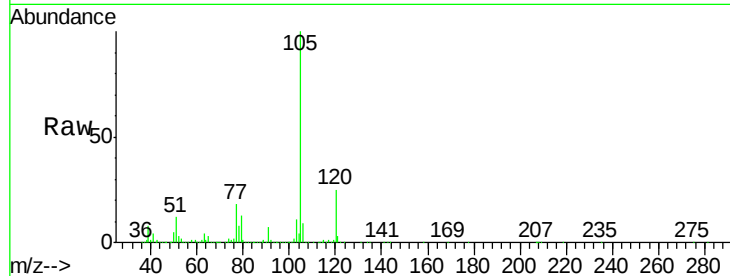
ICVVN070620

Tot Ion:105 Resp: 3191265

Ion Ratio Lower Upper

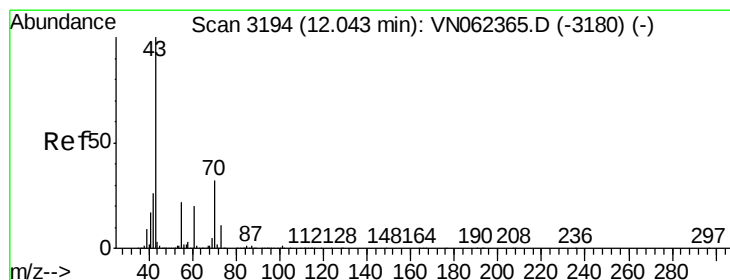
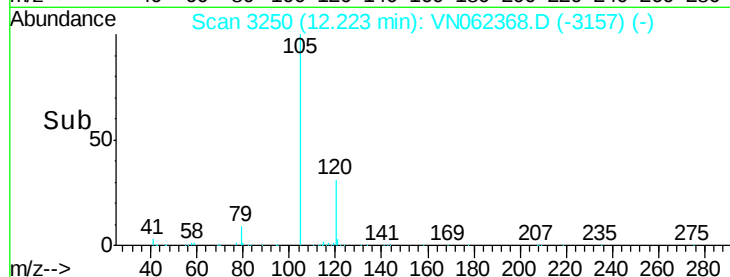
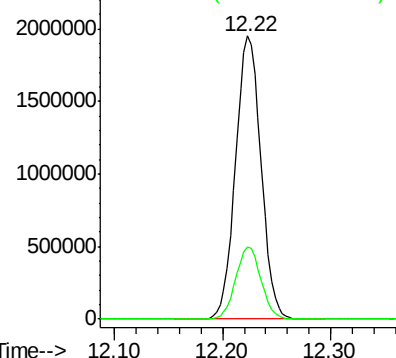
105 100

120 25.3 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: 52.117 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Tgt Ion: 43 Resp: 1859331

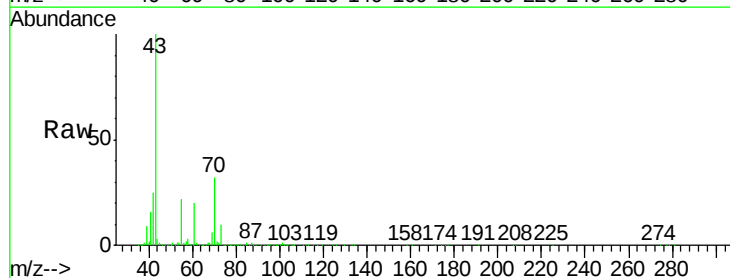
Ion Ratio Lower Upper

43 100

70 32.3 25.9 38.9

55 21.7 17.4 26.0

61 19.5 15.6 23.4

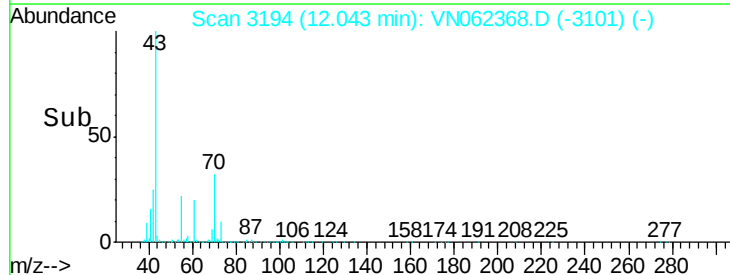
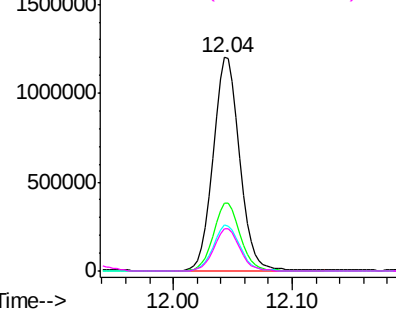


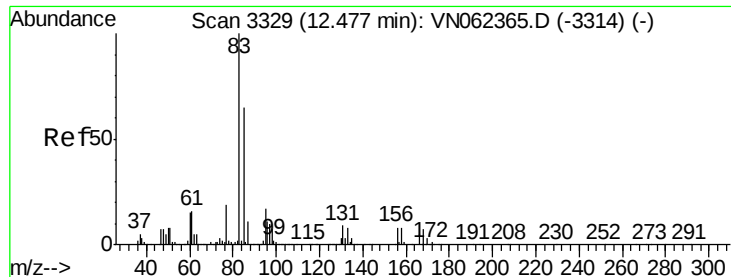
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 45.448 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070620

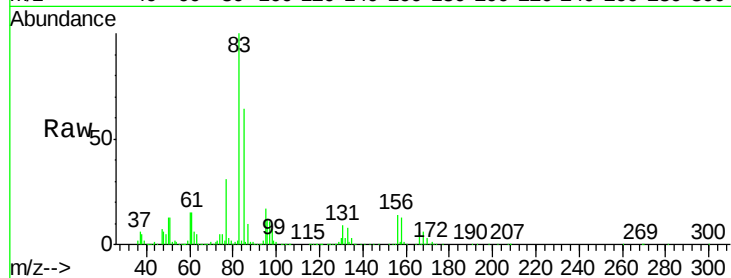
Tot Ion: 83 Resp: 1055293

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.8	14.3
85	64.9	32.3	96.9

83 100

131 9.2 4.8 14.3

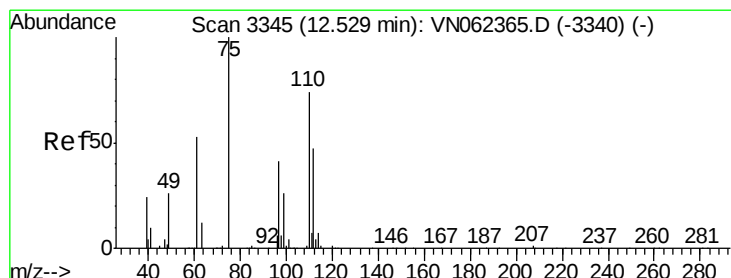
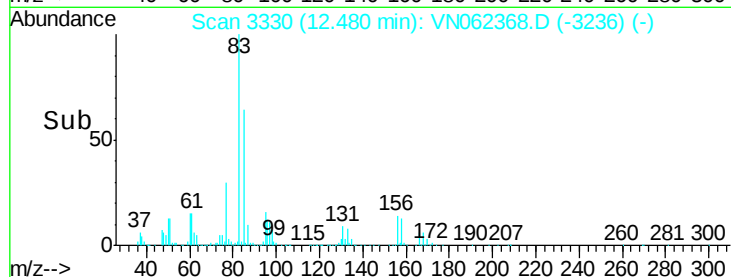
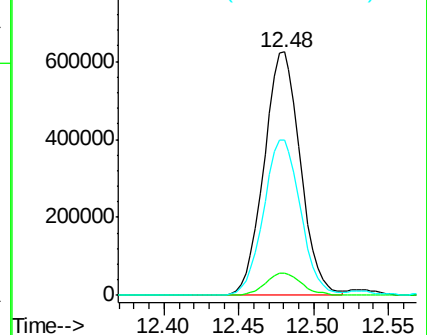
85 64.9 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 65.962 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062368.D

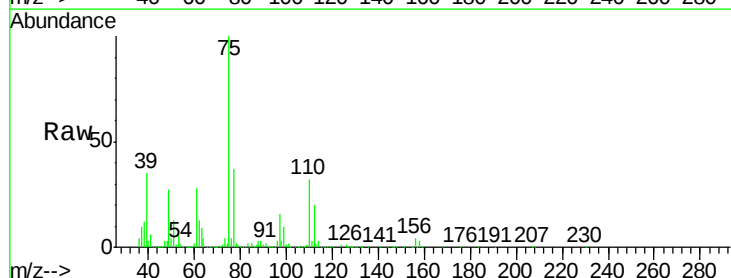
Acq: 6 Jul 2020 15:53

Tgt Ion: 75 Resp: 1429936

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

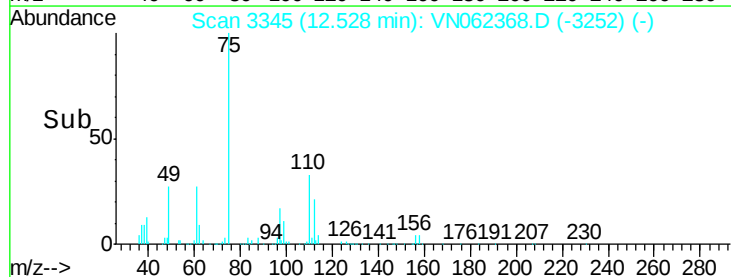
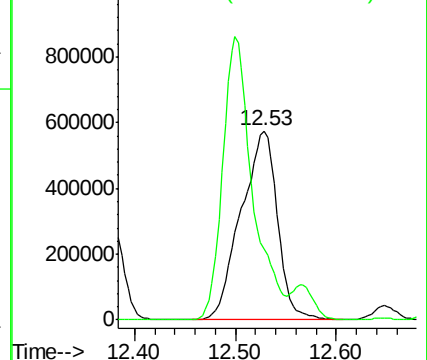
75 100

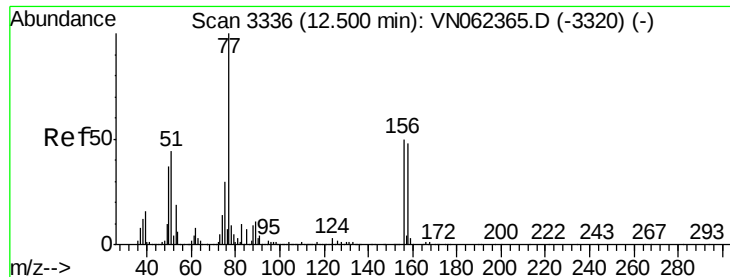
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 47.593 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070620

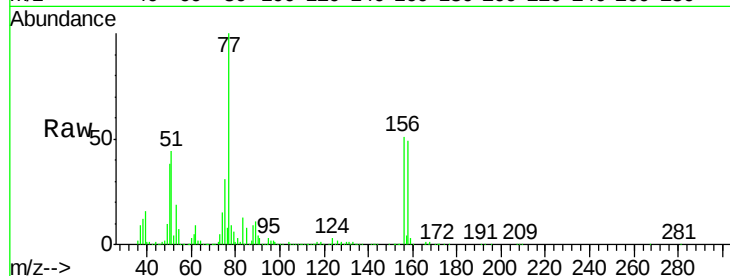
Tot Ion:156 Resp: 746775

Ion Ratio Lower Upper

156 100

77 239.6 123.3 369.8

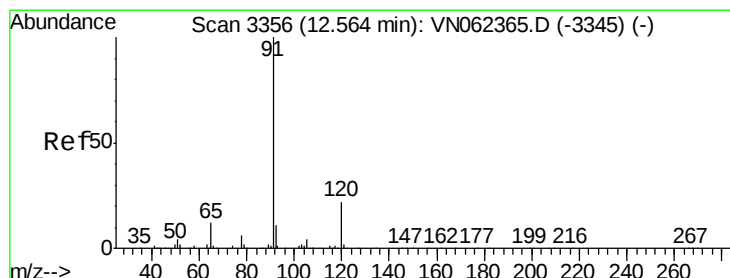
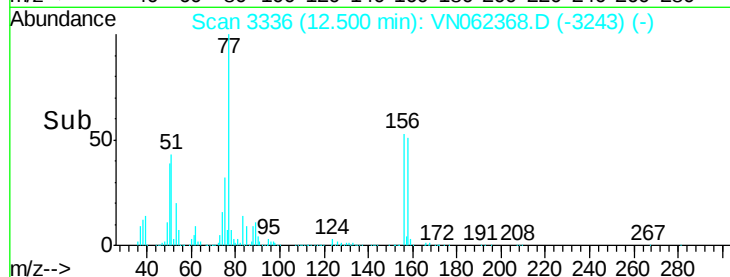
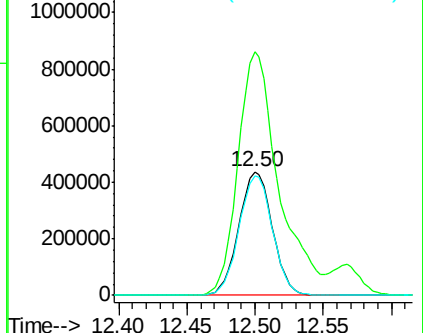
158 96.8 49.6 148.8



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: 47.993 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062368.D

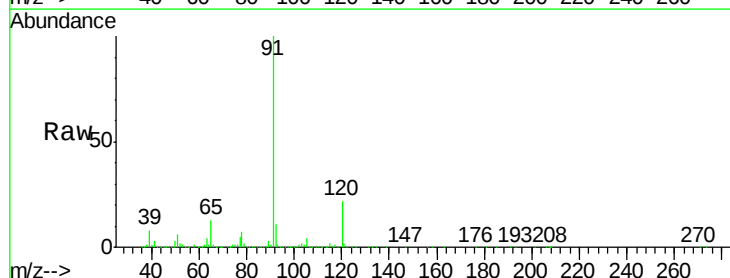
Acq: 6 Jul 2020 15:53

Tgt Ion: 91 Resp: 3771928

Ion Ratio Lower Upper

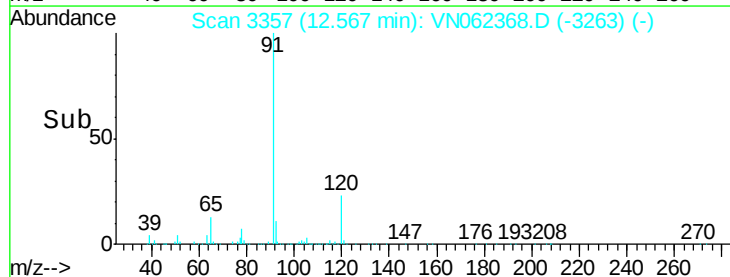
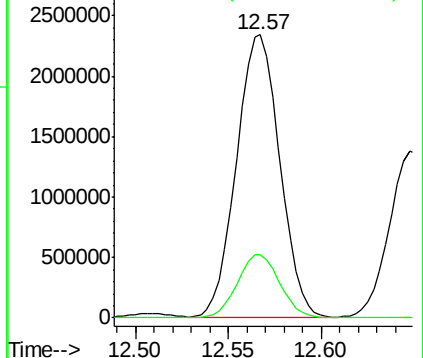
91 100

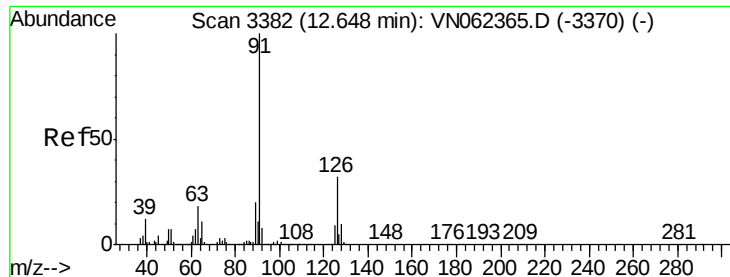
120 22.1 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

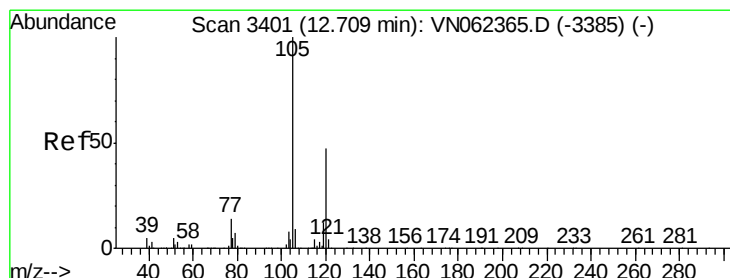
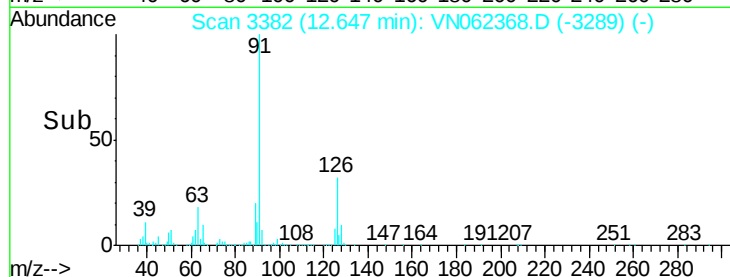
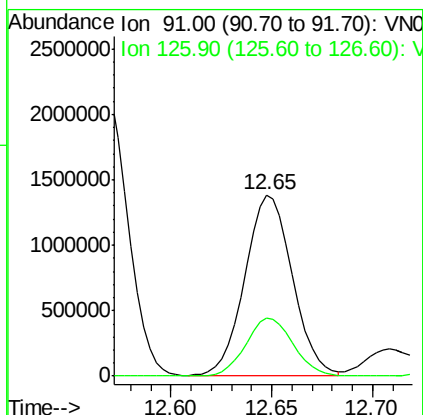
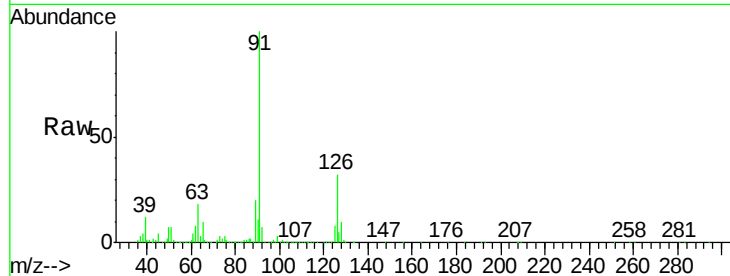




#79
 2-Chlorotoluene
 Concen: 47.050 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062368.D
 Acq: 6 Jul 2020 15:53

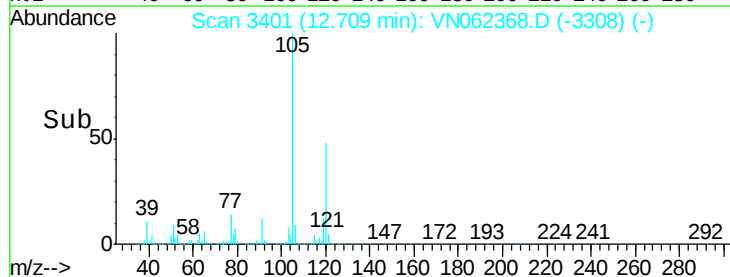
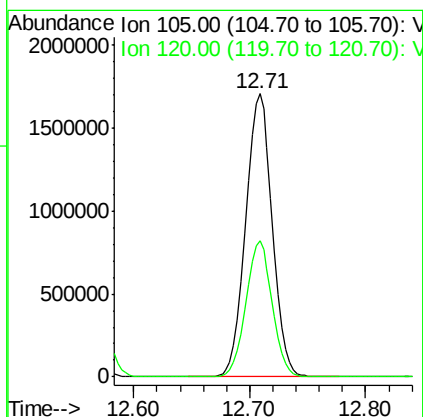
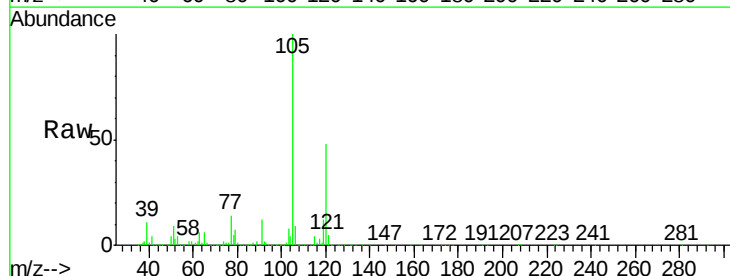
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070620

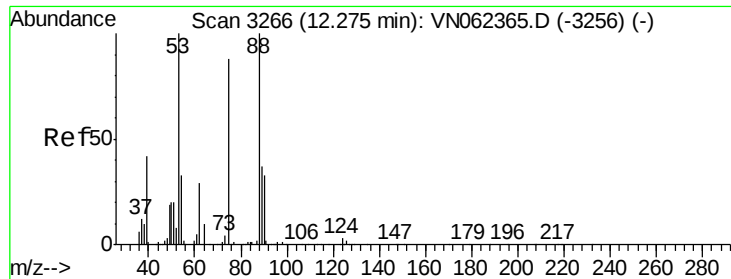
Tot Ion: 91 Resp: 2267896
 Ion Ratio Lower Upper
 91 100
 126 32.3 15.8 47.4



#80
 1,3,5-Trimethylbenzene
 Concen: 48.676 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062368.D
 Acq: 6 Jul 2020 15:53

Tgt Ion: 105 Resp: 2717803
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.072 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070620

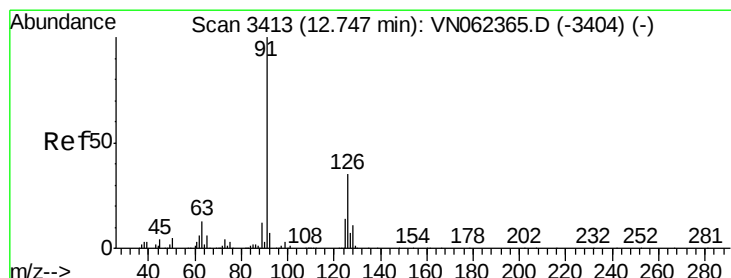
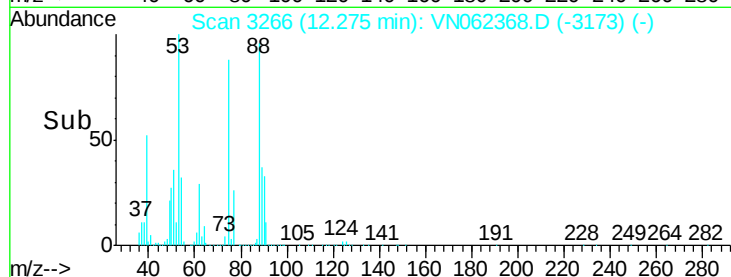
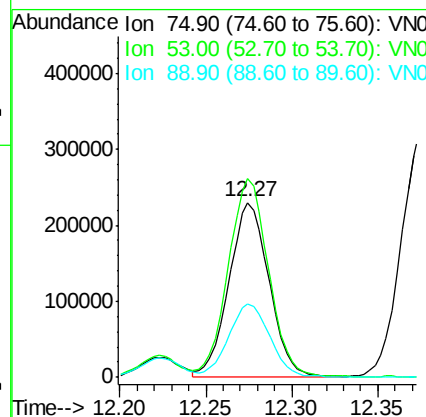
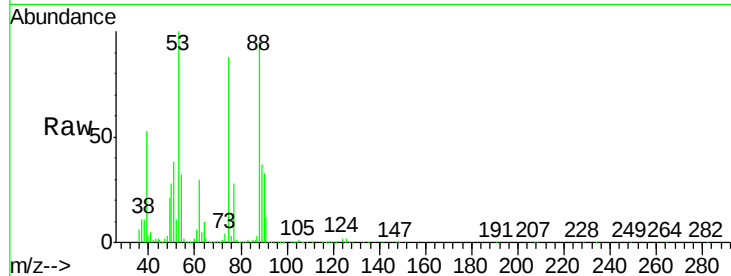
Tot Ion: 75 Resp: 371995

Ion Ratio Lower Upper

75 100

53 113.8 92.3 138.5

89 42.9 37.0 55.4



#82

4-Chlorotoluene

Concen: 48.391 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062368.D

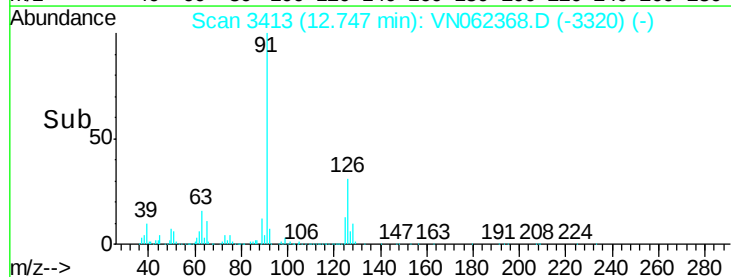
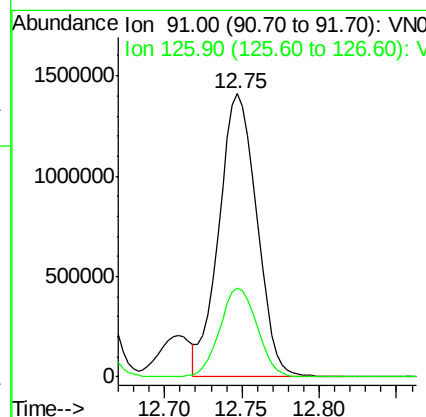
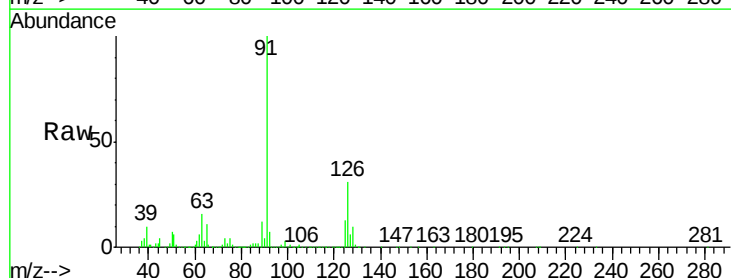
Acq: 6 Jul 2020 15:53

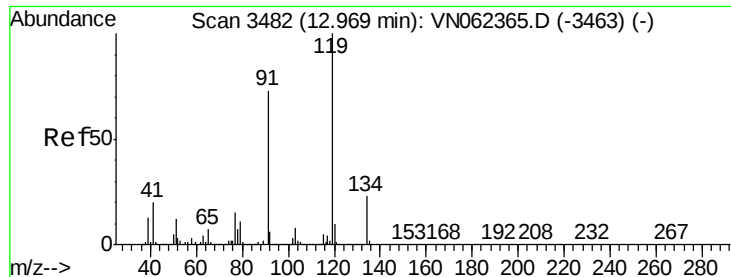
Tgt Ion: 91 Resp: 2385755

Ion Ratio Lower Upper

91 100

126 30.8 15.6 46.7





#83

tert-Butylbenzene

Concen: 48.125 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampled :

ICVVN070620

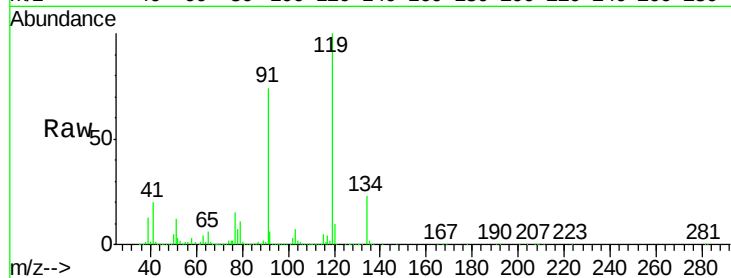
Tot Ion:119 Resp: 2277177

Ion Ratio Lower Upper

119 100

91 71.3 36.4 109.1

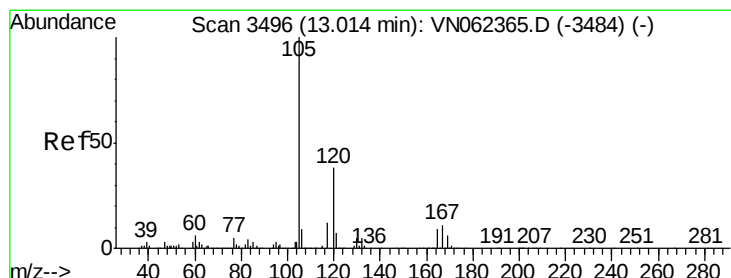
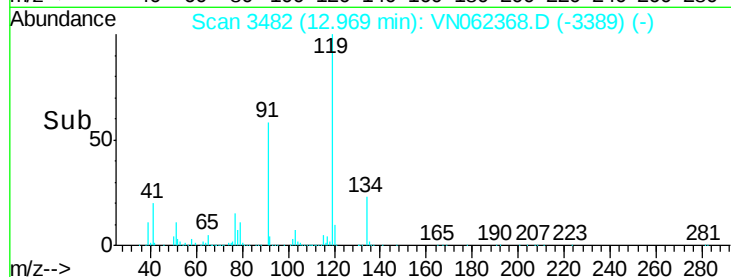
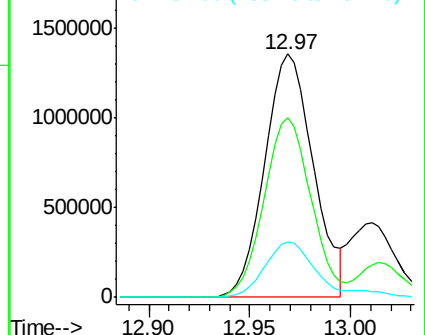
134 22.9 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.447 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. -0.00 min

Lab File: VN062368.D

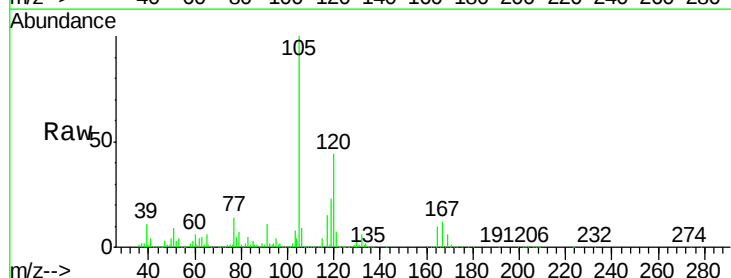
Acq: 6 Jul 2020 15:53

Tgt Ion:105 Resp: 2729297

Ion Ratio Lower Upper

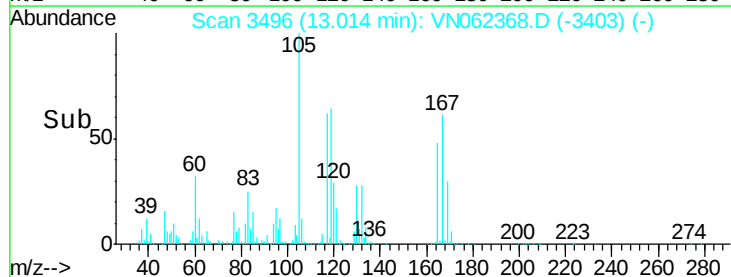
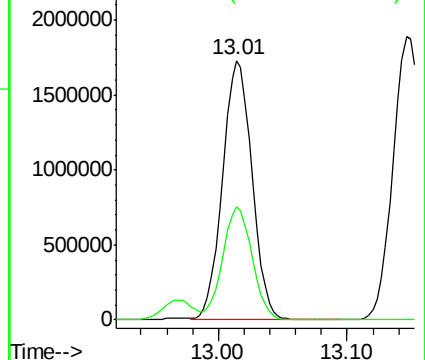
105 100

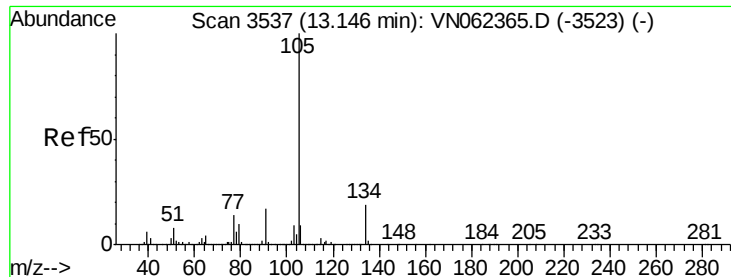
120 43.9 22.1 66.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.329 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

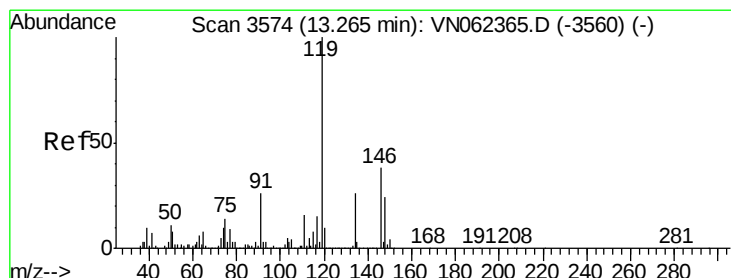
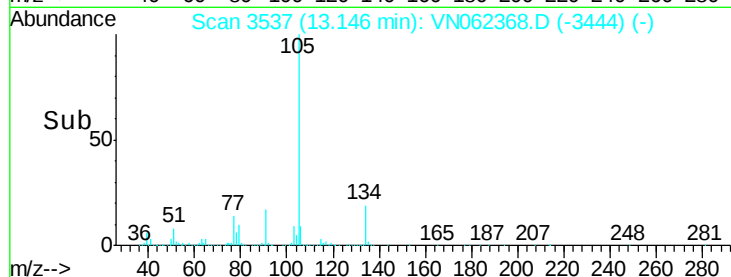
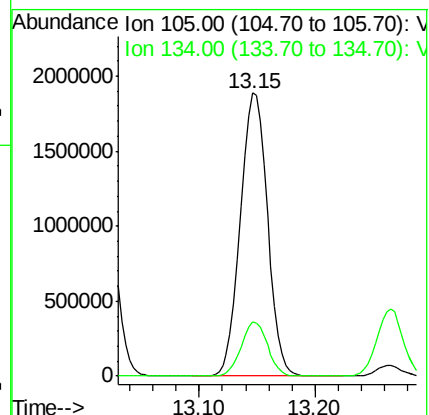
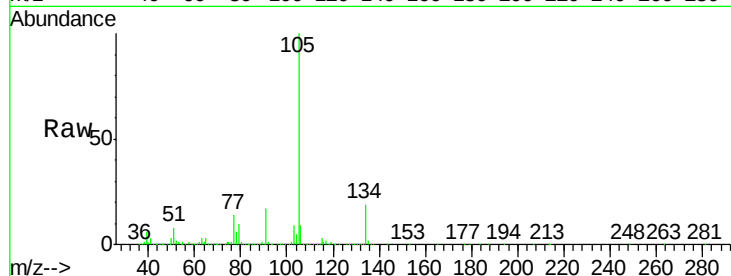
ICVVN070620

Tot Ion:105 Resp: 3050573

Ion Ratio Lower Upper

105 100

134 18.7 9.4 28.2



#86

p-Isopropyltoluene

Concen: 49.911 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

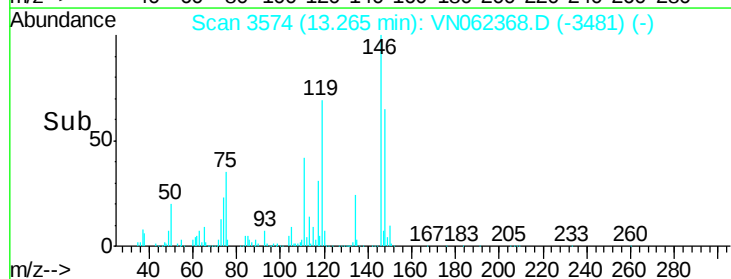
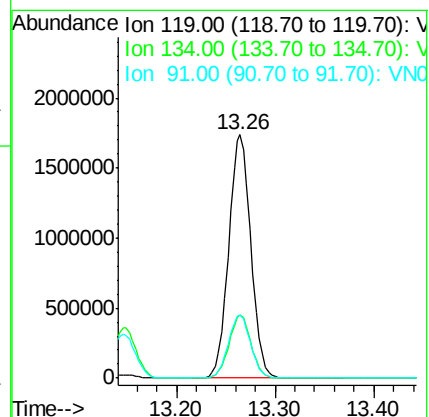
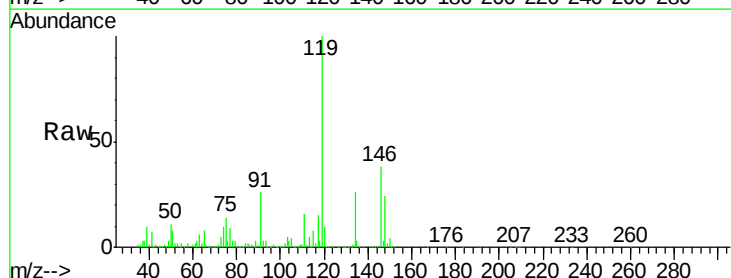
Tgt Ion:119 Resp: 2726492

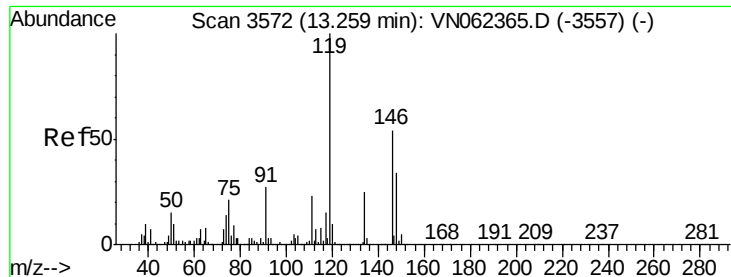
Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.1

91 26.1 13.1 39.3

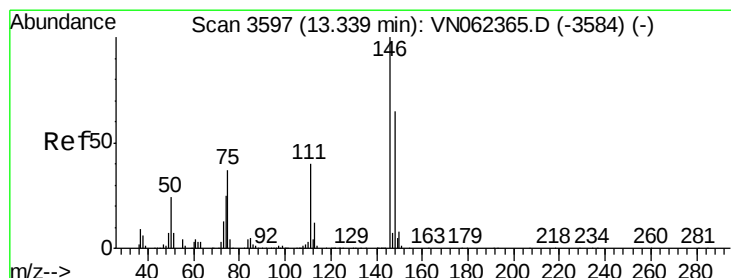
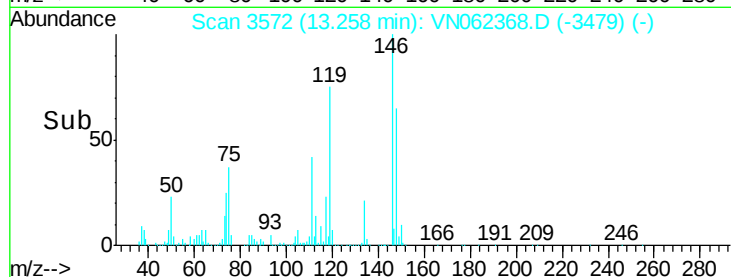
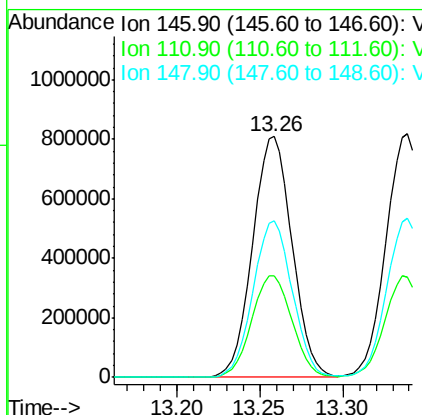
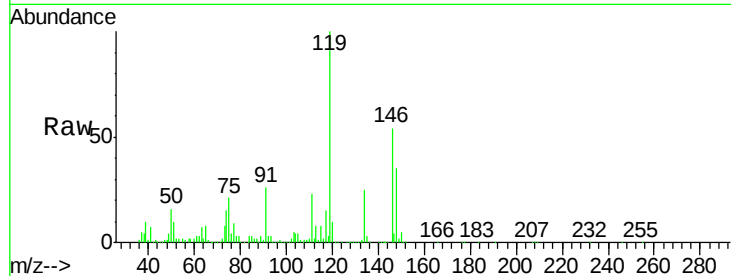




#87
 1,3-Dichlorobenzene
 Concen: 47.435 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062368.D
 Acq: 6 Jul 2020 15:53

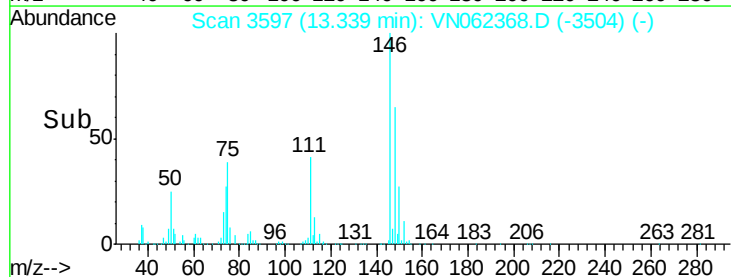
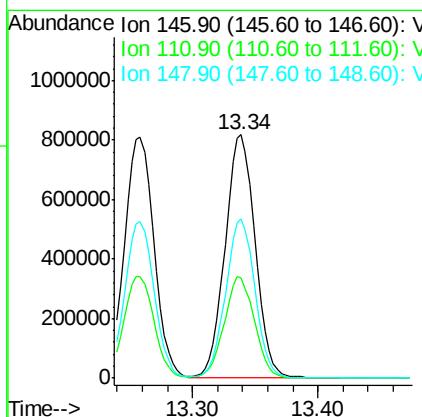
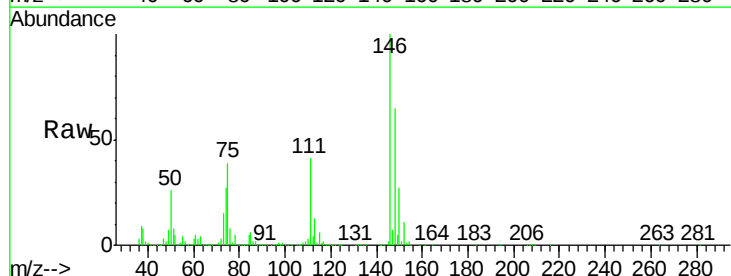
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN070620

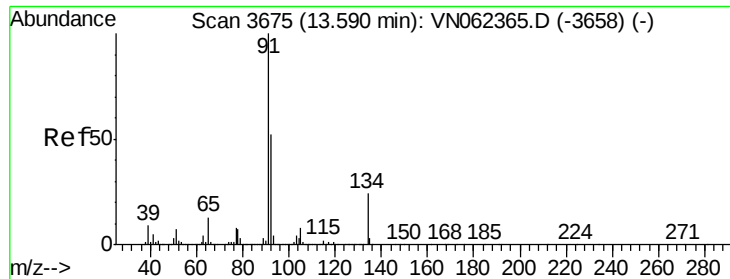
Tot Ion:146 Resp: 1339565
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.3 63.9
 148 64.5 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 46.519 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062368.D
 Acq: 6 Jul 2020 15:53

Tgt Ion:146 Resp: 1357594
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.6 61.8
 148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 51.493 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070620

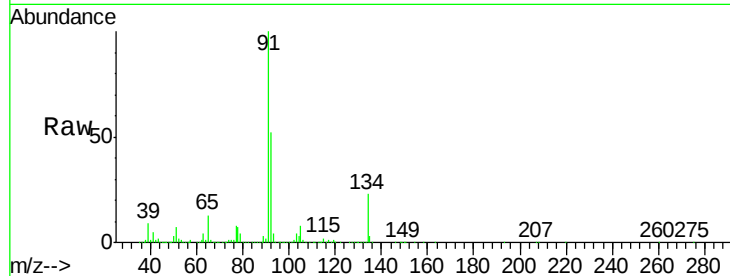
Tot Ion: 91 Resp: 2428923

Ion Ratio Lower Upper

91 100

92 50.6 25.7 77.1

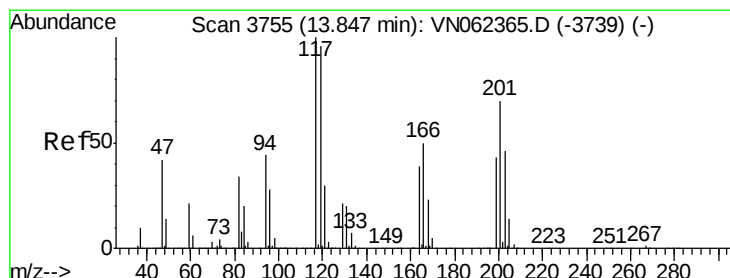
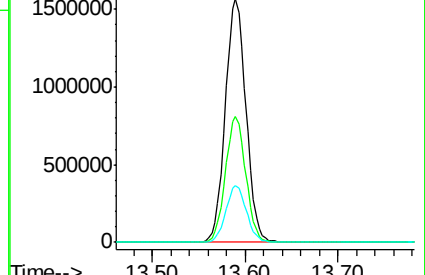
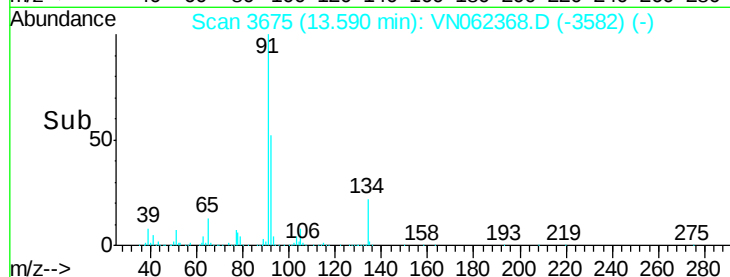
134 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN062365.D (-3658) (-)

Ion 92.00 (91.70 to 92.70): VN062365.D (-3658) (-)

Ion 134.00 (133.70 to 134.70): VN062365.D (-3658) (-)



#90

Hexachloroethane

Concen: 44.217 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062368.D

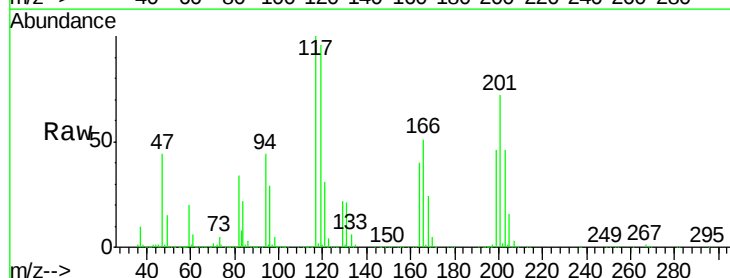
Acq: 6 Jul 2020 15:53

Tgt Ion: 117 Resp: 516505

Ion Ratio Lower Upper

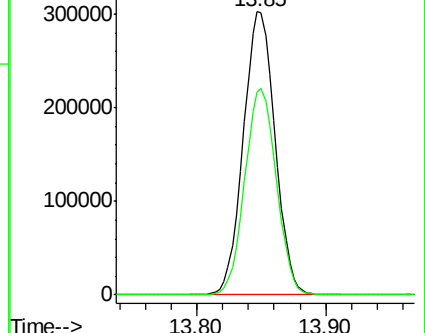
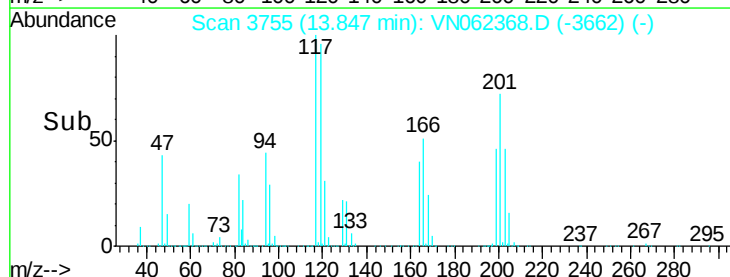
117 100

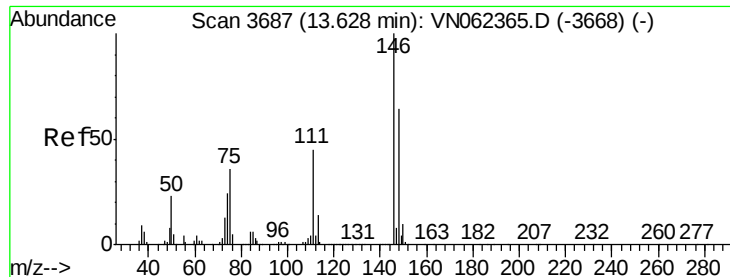
201 72.8 35.4 106.2



Abundance Ion 116.80 (116.50 to 117.50): VN062365.D (-3739) (-)

Ion 200.70 (200.40 to 201.40): VN062365.D (-3739) (-)

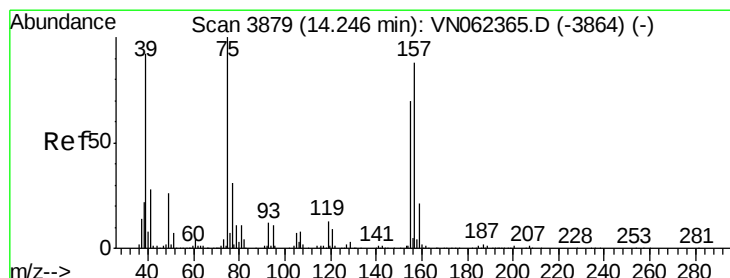
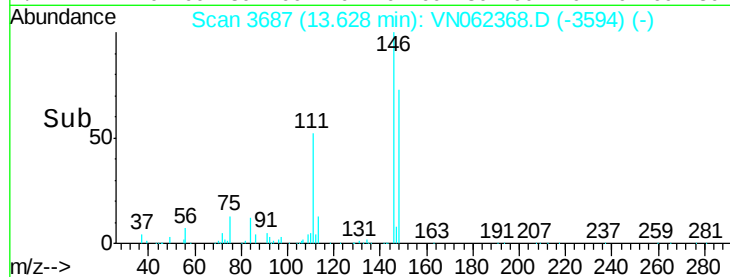
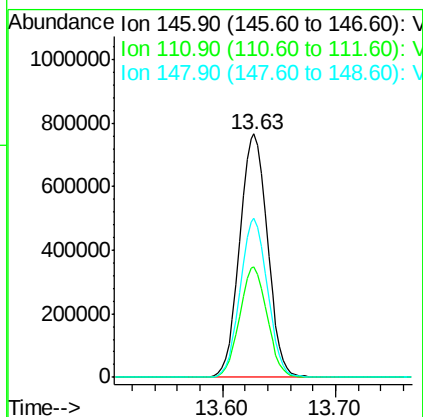
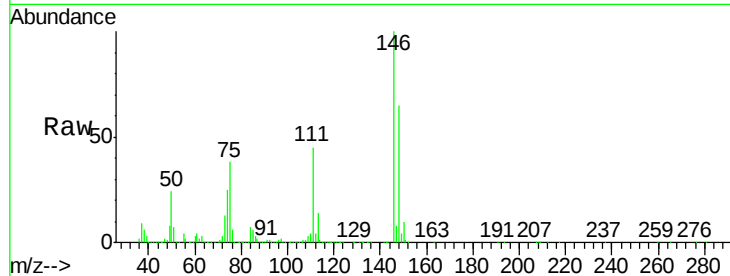




#91
1,2-Dichlorobenzene
Concen: 48.581 ug/l
RT: 13.63 min Scan# 3687
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

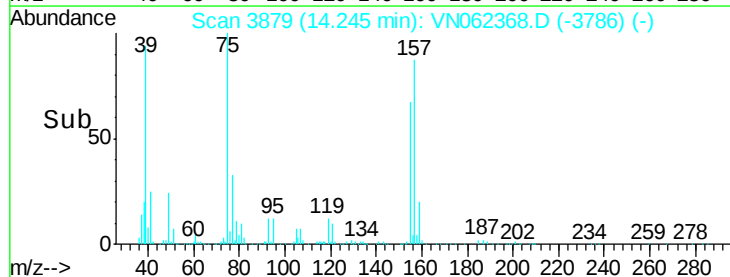
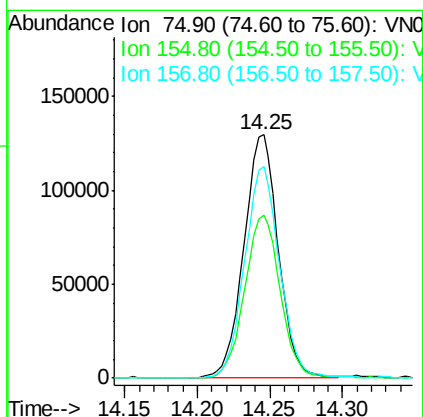
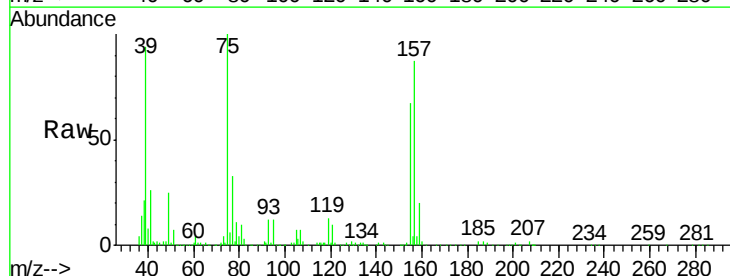
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070620

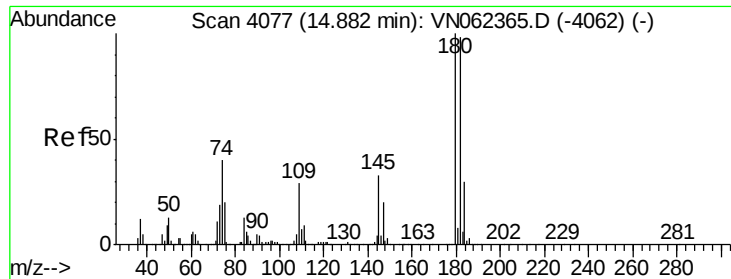
Tot Ion:146 Resp: 1313875
Ion Ratio Lower Upper
146 100
111 44.8 22.3 66.9
148 64.3 32.4 97.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.248 ug/l
RT: 14.25 min Scan# 3879
Delta R.T. -0.00 min
Lab File: VN062368.D
Acq: 6 Jul 2020 15:53

Tgt Ion: 75 Resp: 215008
Ion Ratio Lower Upper
75 100
155 69.0 34.1 102.2
157 88.3 43.3 129.8

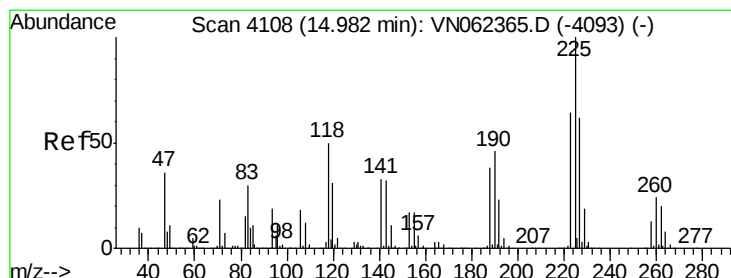
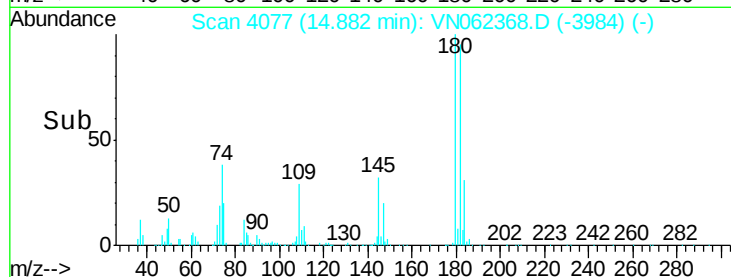
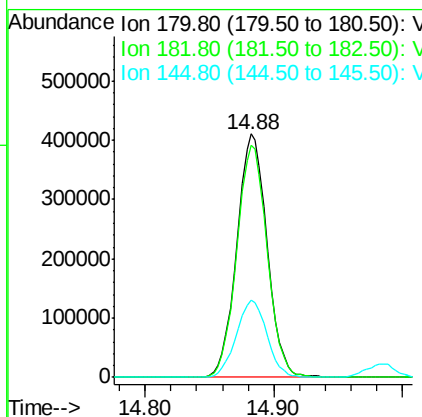
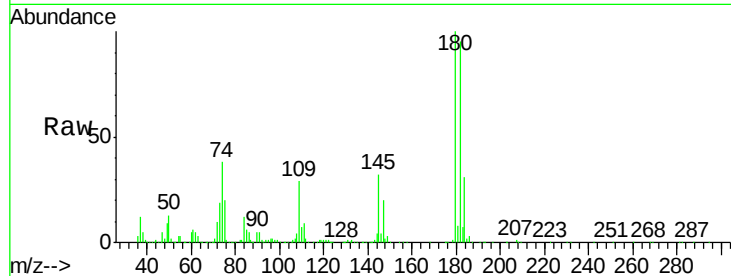




#93
 1,2,4-Trichlorobenzene
 Concen: 46.665 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062368.D
 Acq: 6 Jul 2020 15:53

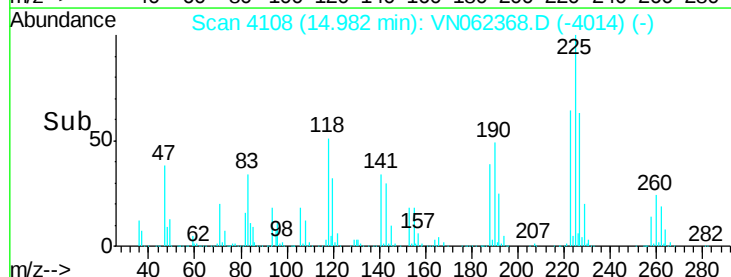
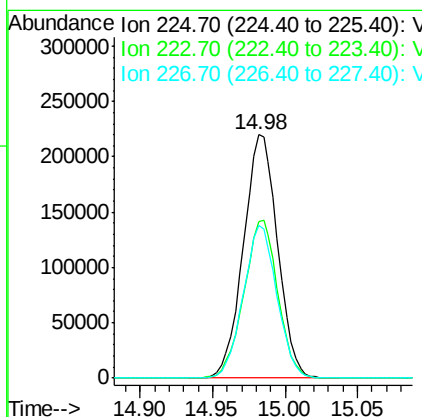
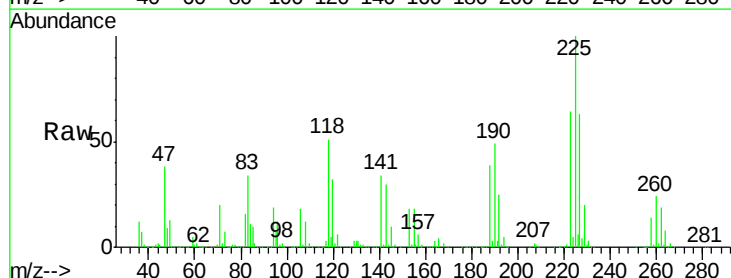
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN070620

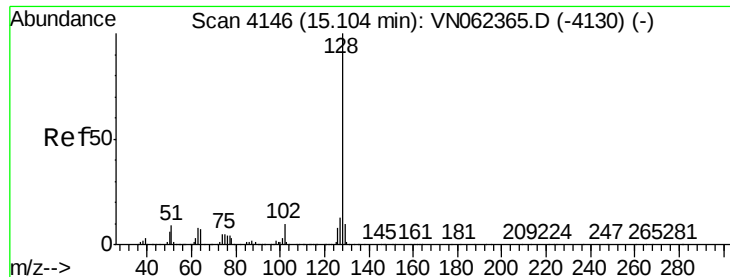
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.8
145	32.3	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 50.362 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062368.D
 Acq: 6 Jul 2020 15:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.7	95.1
227	61.7	30.3	90.8





#95

Naphthalene

Concen: 48.366 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Instrument :

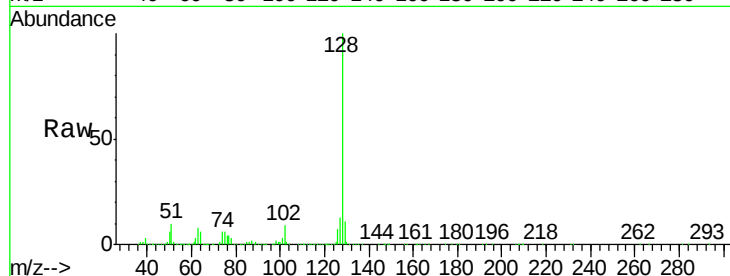
MSVOA_N

ClientSampleId :

ICVVN070620

Tot Ion:128 Resp: 1846920

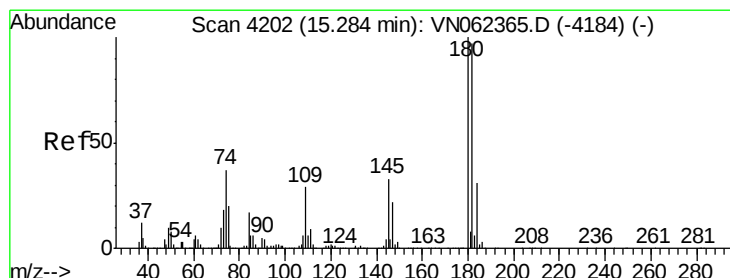
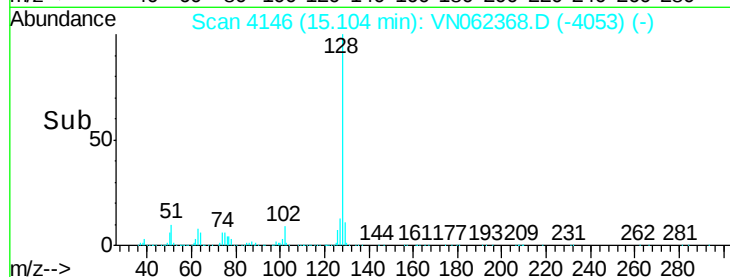
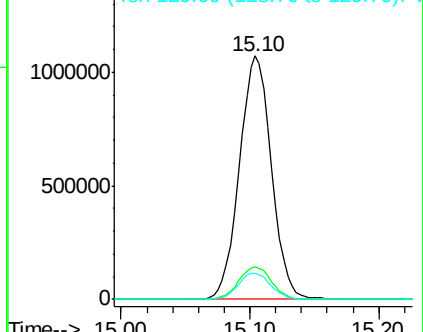
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	11.0	8.6	12.8



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: 50.804 ug/l

RT: 15.28 min Scan# 4202

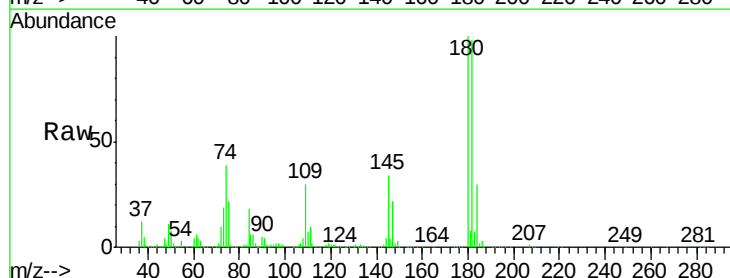
Delta R.T. -0.00 min

Lab File: VN062368.D

Acq: 6 Jul 2020 15:53

Tgt Ion:180 Resp: 661332

Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.9	143.7
145	33.4	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

