

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060820\
 Data File : VN061688.D
 Acq On : 8 Jun 2020 12:03
 Operator : JC/MD
 Sample : VN0608WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS01

Quant Time: Jun 09 03:09:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	398759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	632969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	592972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	290083	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	224100	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	7.54	113	185114	57.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.30%	
50) Toluene-d8	10.06	98	775737	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.37	95	272963	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.83	85	83930	18.96	ug/l	98
3) Chloromethane	2.03	50	85809	17.64	ug/l	99
4) Vinyl Chloride	2.16	62	113622	17.05	ug/l	98
5) Bromomethane	2.54	94	74880	19.58	ug/l	99
6) Chloroethane	2.67	64	75806	17.67	ug/l	96
7) Trichlorofluoromethane	2.98	101	143910	16.74	ug/l	99
8) Diethyl Ether	3.37	74	46193	17.58	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	75298	19.74	ug/l	99
10) Methyl Iodide	3.91	142	100264	18.94	ug/l	99
11) Tert butyl alcohol	4.73	59	58869	93.16	ug/l	98
12) 1,1-Dichloroethene	3.70	96	72928	17.90	ug/l	93
13) Acrolein	3.56	56	14319	54.22	ug/l	99
14) Allyl chloride	4.27	41	87355	16.40	ug/l	96
15) Acrylonitrile	4.92	53	149437	84.72	ug/l	98
16) Acetone	3.77	43	125784	92.15	ug/l	98
17) Carbon Disulfide	4.01	76	171098	19.09	ug/l	100
18) Methyl Acetate	4.27	43	71901	16.72	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	238792	17.20	ug/l	99
20) Methylene Chloride	4.50	84	83870	18.32	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	82033	17.85	ug/l	93
22) Diisopropyl ether	5.90	45	208512	17.76	ug/l	97
23) Vinyl Acetate	5.84	43	755595	80.75	ug/l	98
24) 1,1-Dichloroethane	5.80	63	132534	17.80	ug/l	100
25) 2-Butanone	6.78	43	180731	80.27	ug/l	99
26) 2,2-Dichloropropane	6.77	77	124713	18.30	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	95980	18.45	ug/l	98
28) Bromochloromethane	7.15	49	58616	20.14	ug/l	97
29) Tetrahydrofuran	7.16	42	116364	78.37	ug/l	97
30) Chloroform	7.33	83	153740	18.67	ug/l	99
31) Cyclohexane	7.61	56	114197	17.06	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	135441	18.05	ug/l	99
36) 1,1-Dichloropropene	7.75	75	105359	18.80	ug/l	97
37) Ethyl Acetate	6.88	43	74327	16.47	ug/l	95
38) Carbon Tetrachloride	7.73	117	110007	20.35	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.04	83	123229	17.84	ug/l	96
40) Benzene	8.00	78	333157	19.27	ug/l	100
41) Methacrylonitrile	7.12	41	32949	15.93	ug/l #	89
42) 1,2-Dichloroethane	8.08	62	107539	18.58	ug/l	99
43) Isopropyl Acetate	8.12	43	135190	16.65	ug/l	98
44) Trichloroethene	8.80	130	102033	19.20	ug/l	96
45) 1,2-Dichloropropane	9.08	63	80335	19.57	ug/l	97
46) Dibromomethane	9.17	93	58629	18.62	ug/l	95
47) Bromodichloromethane	9.36	83	120180	19.27	ug/l	99
48) Methyl methacrylate	9.17	41	56974	15.60	ug/l	95
49) 1,4-Dioxane	9.16	88	27095	478.76	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	387303	84.64	ug/l	98
52) Toluene	10.12	92	218549	19.37	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	125409	18.66	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	135832	18.80	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	87108	19.38	ug/l	98
56) Ethyl methacrylate	10.40	69	111346	17.73	ug/l	98
57) 1,3-Dichloropropane	10.68	76	137184	19.08	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	230689	85.96	ug/l	98
59) 2-Hexanone	10.72	43	272718	82.99	ug/l	100
60) Dibromochloromethane	10.87	129	98388	19.25	ug/l	99
61) 1,2-Dibromoethane	10.98	107	90731	19.35	ug/l	97
64) Tetrachloroethene	10.60	164	110261	19.75	ug/l	97
65) Chlorobenzene	11.40	112	241761	19.61	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	91028	19.83	ug/l	99
67) Ethyl Benzene	11.48	91	411807	19.33	ug/l	99
68) m/p-Xylenes	11.59	106	325560	38.54	ug/l	100
69) o-Xylene	11.92	106	154790	19.29	ug/l	99
70) Styrene	11.94	104	252490	19.00	ug/l	98
71) Bromoform	12.10	173	67481	19.08	ug/l #	100
73) Isopropylbenzene	12.22	105	411862	19.45	ug/l	99
74) N-amyl acetate	12.04	43	110082	16.51	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	108377	18.27	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	134751	25.55	ug/l #	100
77) Bromobenzene	12.50	156	106147	19.64	ug/l	95
78) n-propylbenzene	12.56	91	450153	19.05	ug/l	100
79) 2-Chlorotoluene	12.65	91	267764	19.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	341695	19.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	34550	16.75	ug/l	100
82) 4-Chlorotoluene	12.75	91	276676	18.66	ug/l	99
83) tert-Butylbenzene	12.97	119	294294	18.82	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	339506	19.31	ug/l	98
85) sec-Butylbenzene	13.15	105	376462	18.69	ug/l	99
86) p-Isopropyltoluene	13.26	119	353647	19.06	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	189230	19.77	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	188143	19.30	ug/l	98
89) n-Butylbenzene	13.59	91	279519	17.99	ug/l	98
90) Hexachloroethane	13.85	117	49865	24.30	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	180248	19.71	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18470	15.26	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

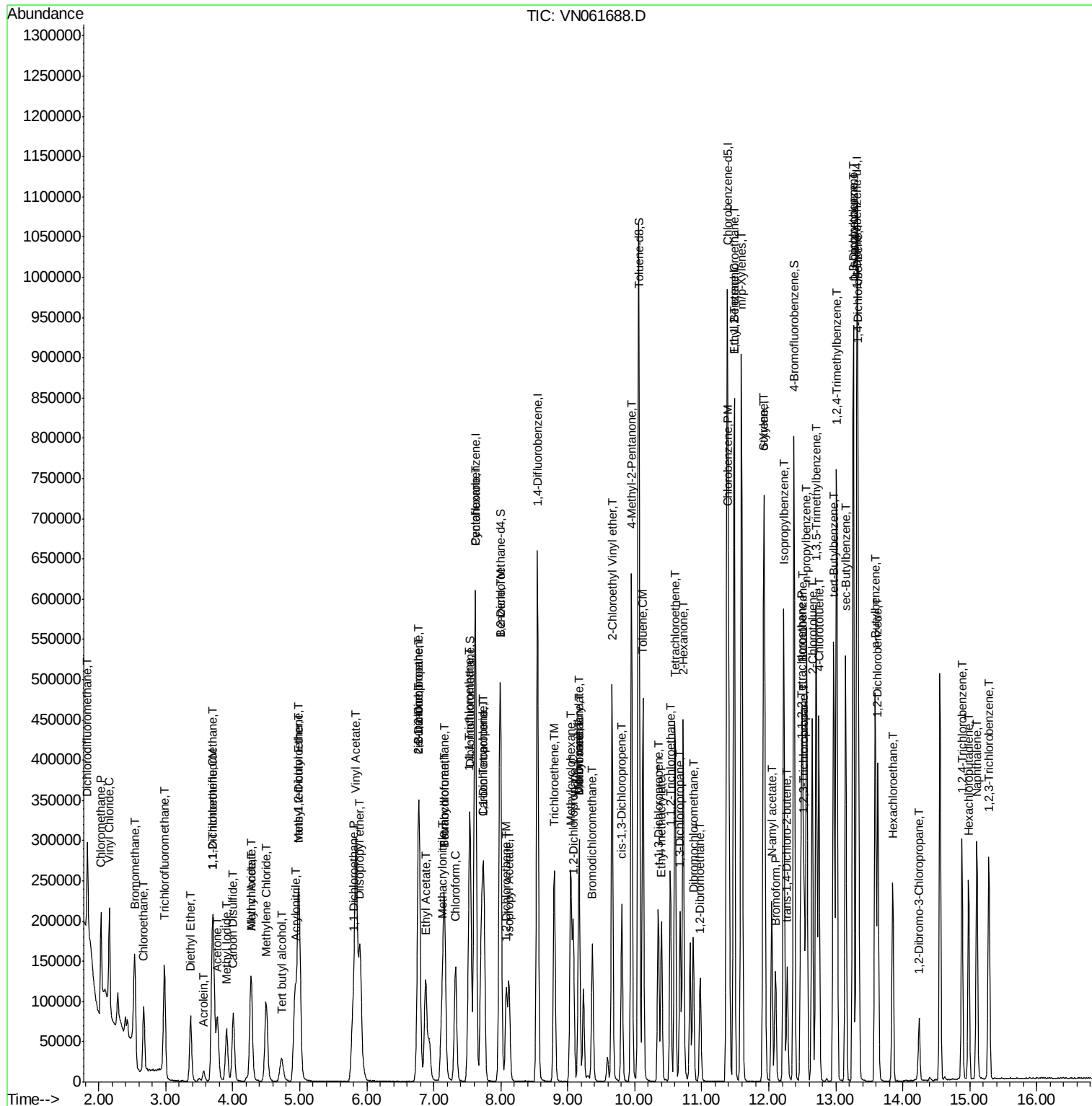
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	99049	18.52	ug/l	99
94) Hexachlorobutadiene	14.99	225	45496	19.94	ug/l	99
95) Naphthalene	15.10	128	268717	16.51	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	95760	18.21	ug/l	98

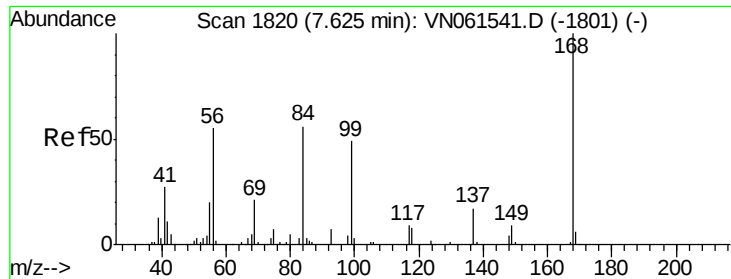
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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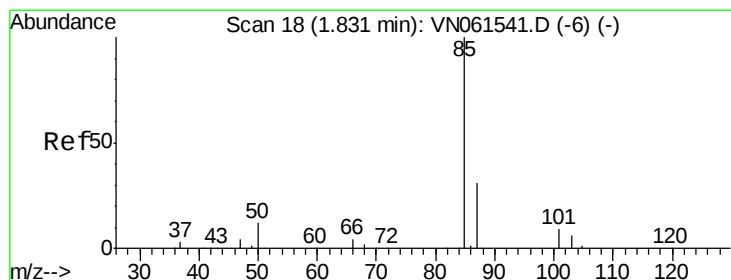
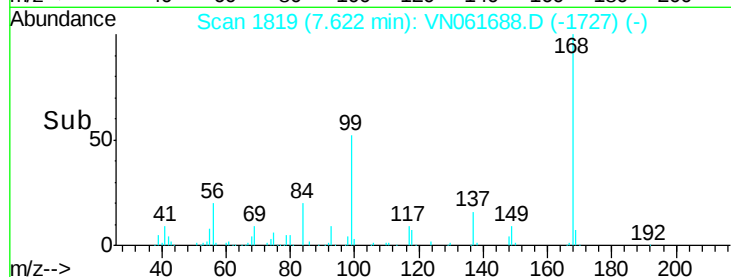
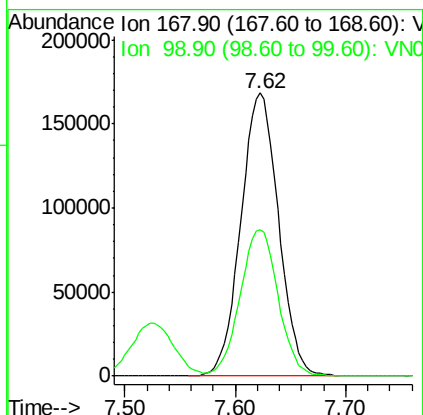
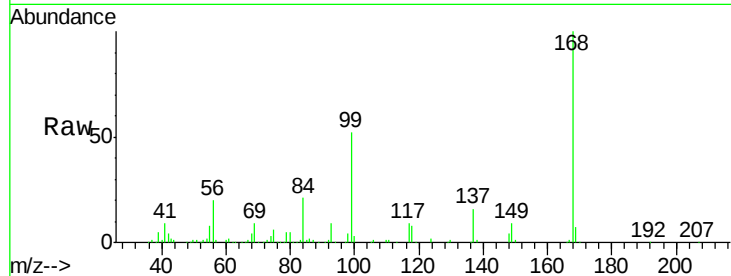




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

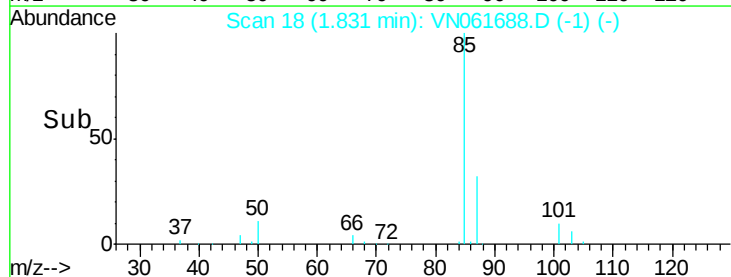
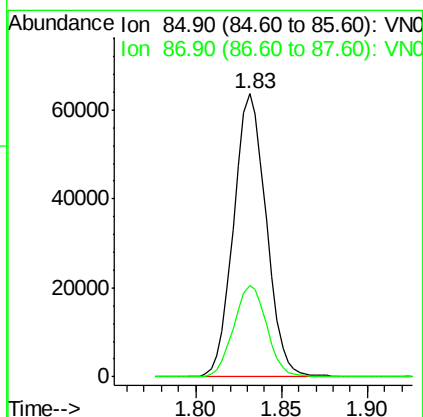
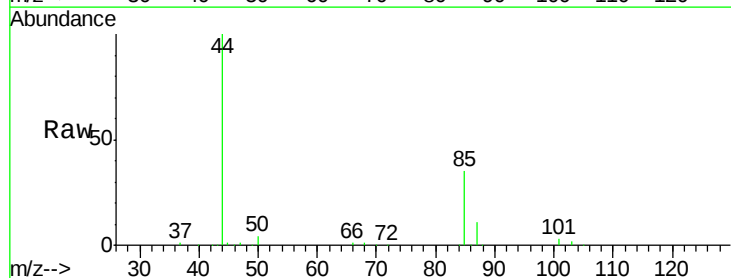
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01

Tgt Ion: 168 Resp: 398759
Ion Ratio Lower Upper
168 100
99 51.5 45.0 67.4



#2
Dichlorodifluoromethane
Concen: 18.96 ug/l
RT: 1.83 min Scan# 18
Delta R.T. 0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Tgt Ion: 85 Resp: 83930
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8





#3

Chloromethane

Concen: 17.64 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

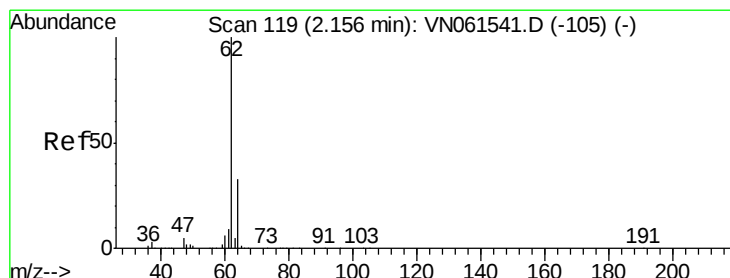
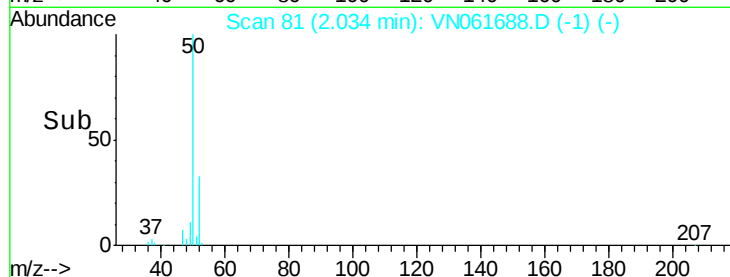
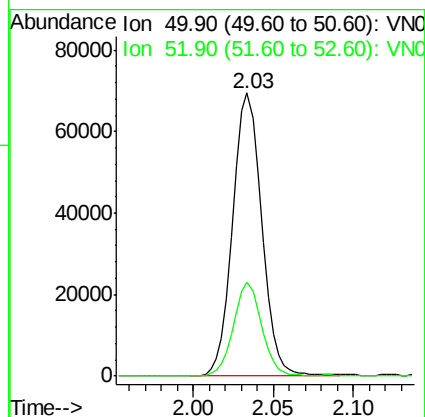
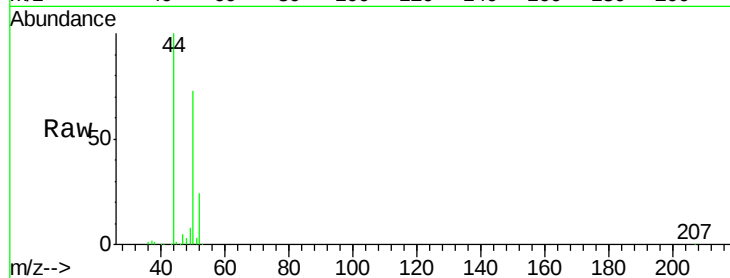
VN0608WBS01

Tgt Ion: 50 Resp: 85809

Ion Ratio Lower Upper

50 100

52 33.0 26.7 40.1



#4

Vinyl Chloride

Concen: 17.05 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061688.D

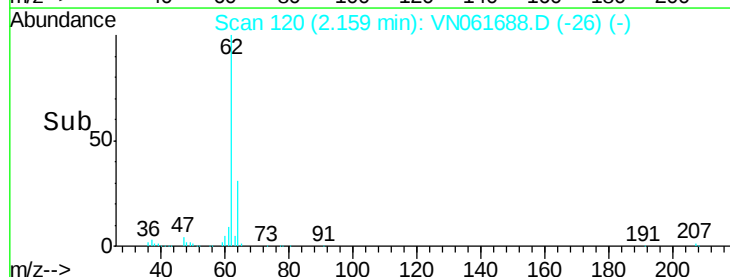
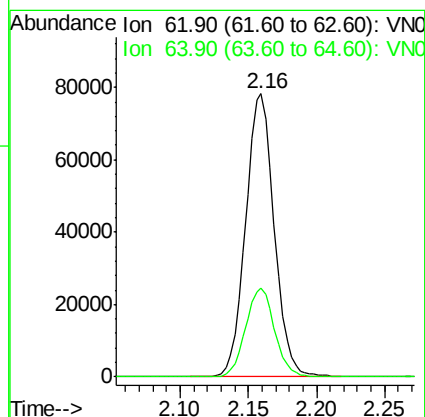
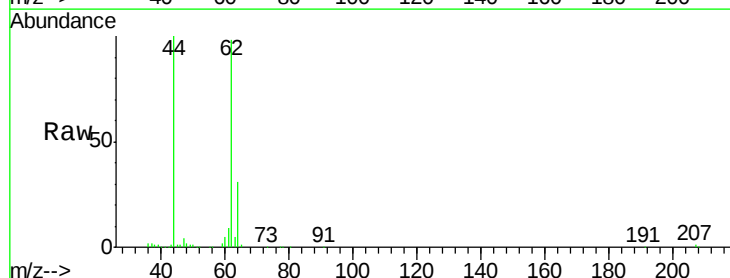
Acq: 8 Jun 2020 12:03

Tgt Ion: 62 Resp: 113622

Ion Ratio Lower Upper

62 100

64 31.4 26.2 39.2





#5

Bromomethane

Concen: 19.58 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

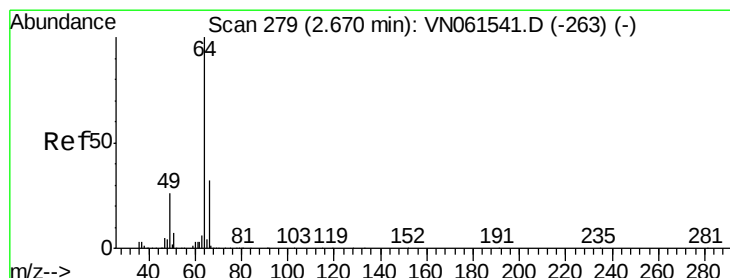
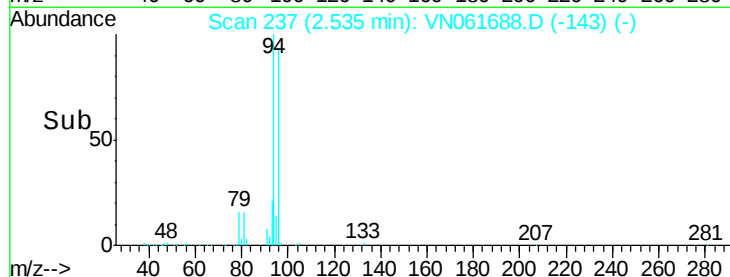
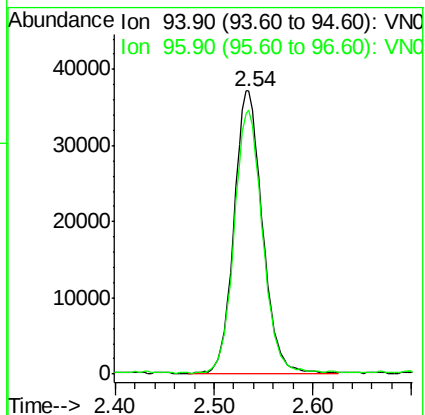
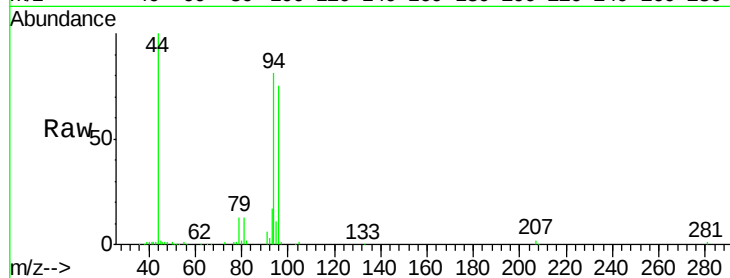
VN0608WBS01

Tgt Ion: 94 Resp: 74880

Ion Ratio Lower Upper

94 100

96 92.7 74.8 112.2



#6

Chloroethane

Concen: 17.67 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061688.D

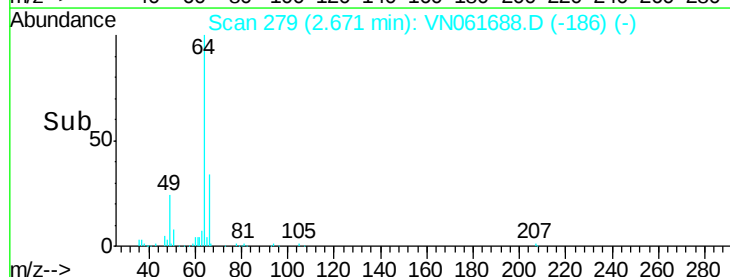
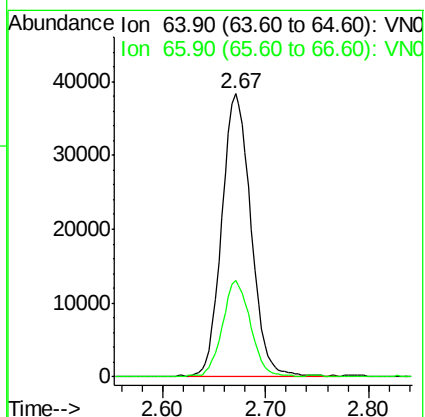
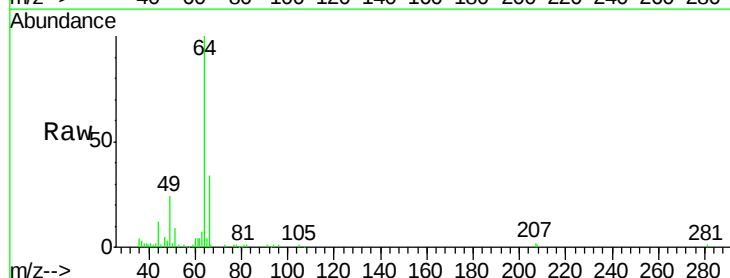
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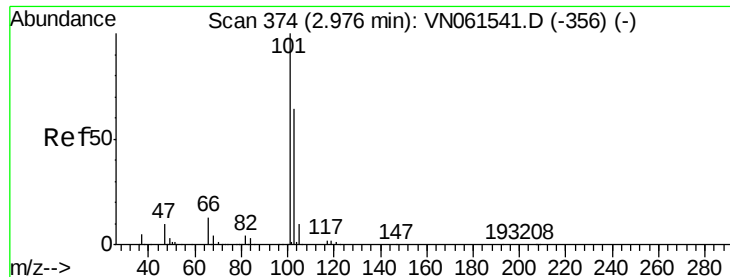
Tgt Ion: 64 Resp: 75806

Ion Ratio Lower Upper

64 100

66 34.2 25.6 38.4





#7

Trichlorofluoromethane

Concen: 16.74 ug/l

RT: 2.98 min Scan# 375

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

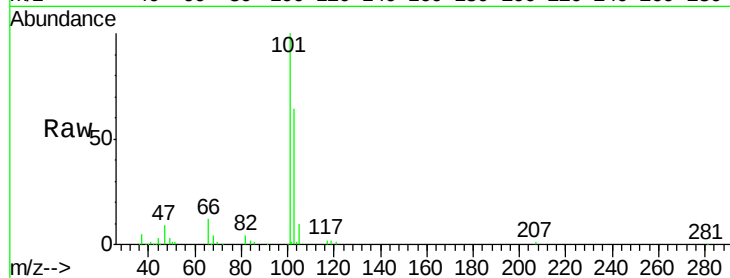
VN0608WBS01

Tgt Ion:101 Resp: 143910

Ion Ratio Lower Upper

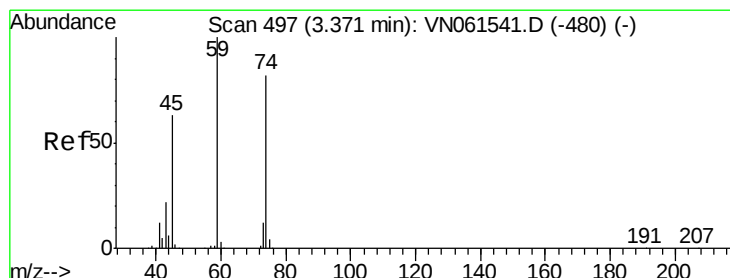
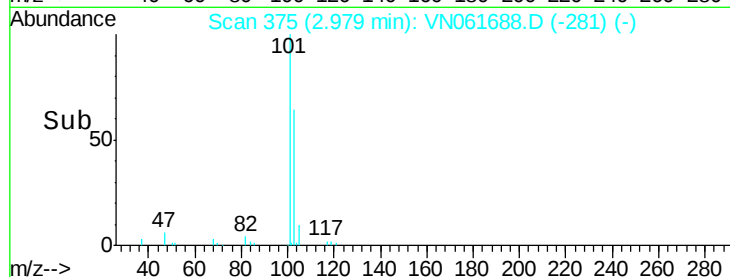
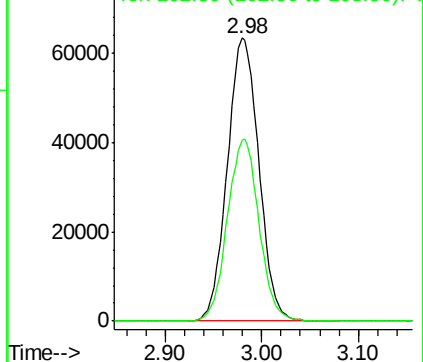
101 100

103 63.7 51.4 77.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 17.58 ug/l

RT: 3.37 min Scan# 497

Delta R.T. 0.00 min

Lab File: VN061688.D

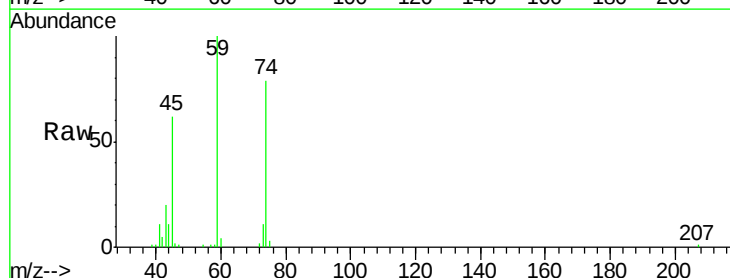
Acq: 8 Jun 2020 12:03

Tgt Ion: 74 Resp: 46193

Ion Ratio Lower Upper

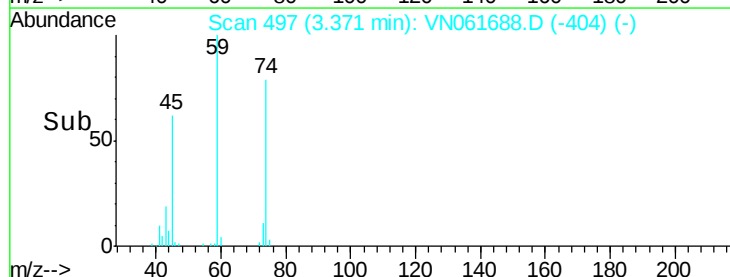
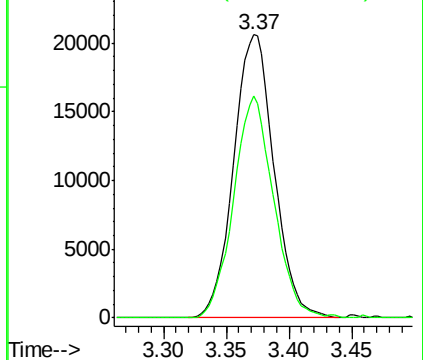
74 100

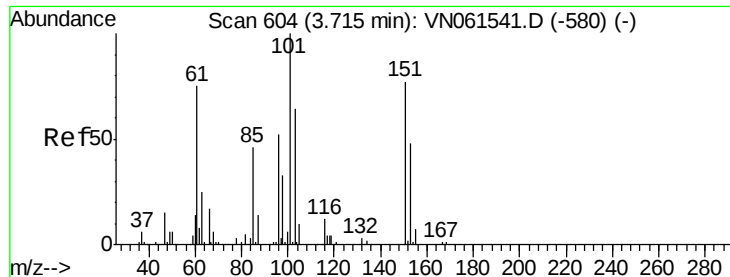
45 77.4 39.9 119.7



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.74 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

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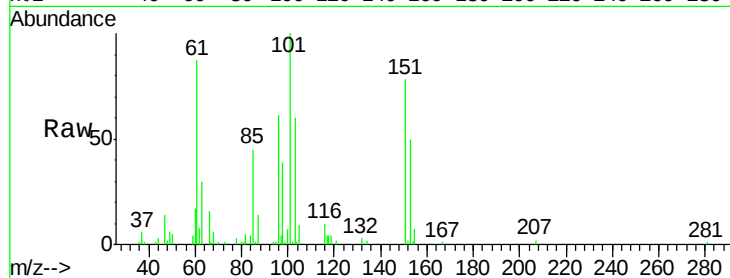
Tgt Ion:101 Resp: 75298

Ion Ratio Lower Upper

101 100

85 44.1 35.2 52.8

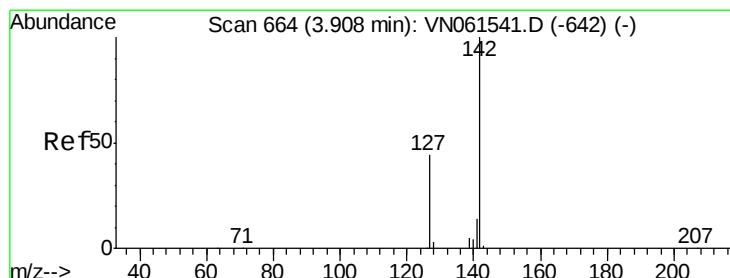
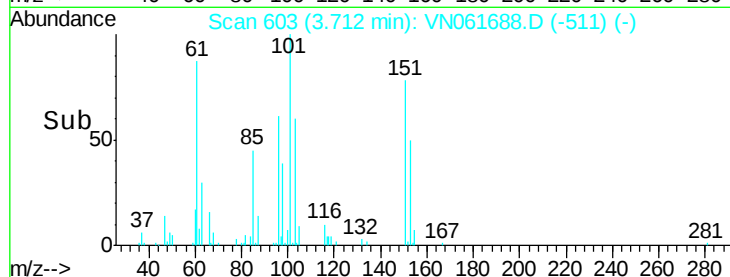
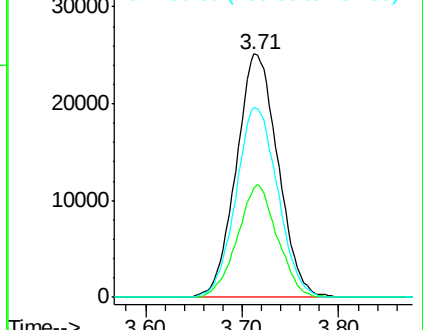
151 78.0 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.94 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

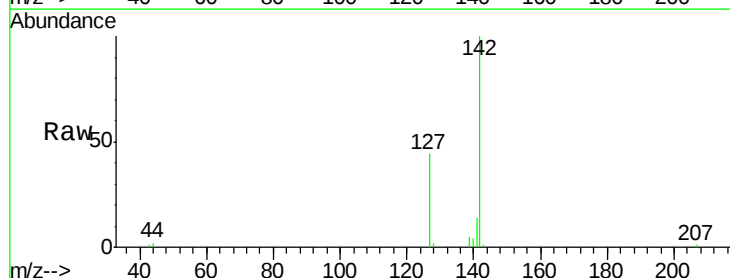
Tgt Ion:142 Resp: 100264

Ion Ratio Lower Upper

142 100

127 43.2 35.5 53.3

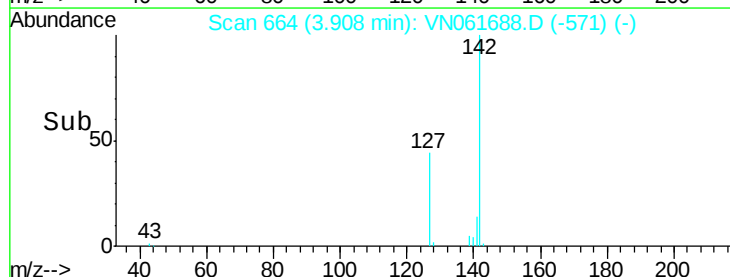
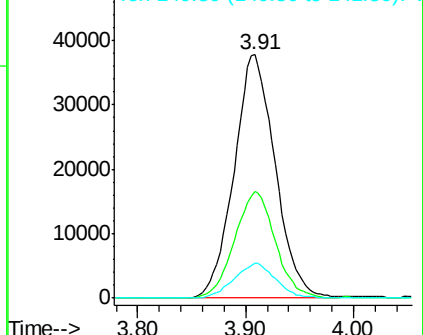
141 14.3 11.5 17.3

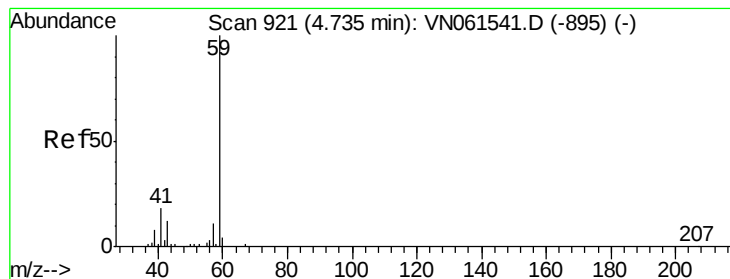


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 93.16 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.01 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

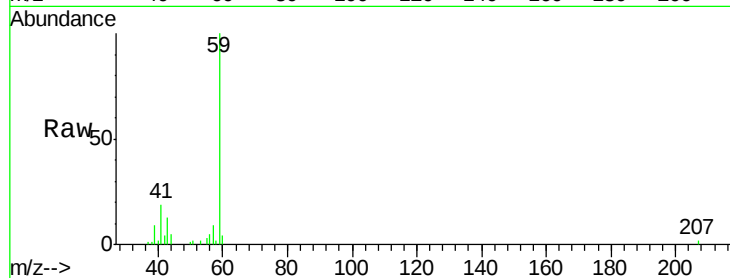
VN0608WBS01

Tgt Ion: 59 Resp: 58869

Ion Ratio Lower Upper

59 100

57 9.6 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.73

15000

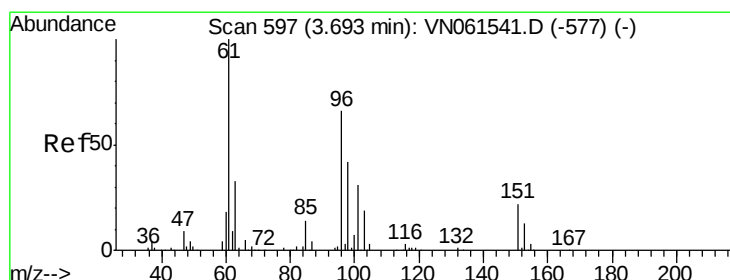
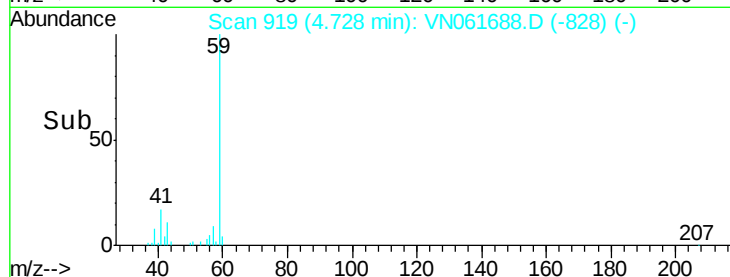
10000

5000

0

Time-->

4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 17.90 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

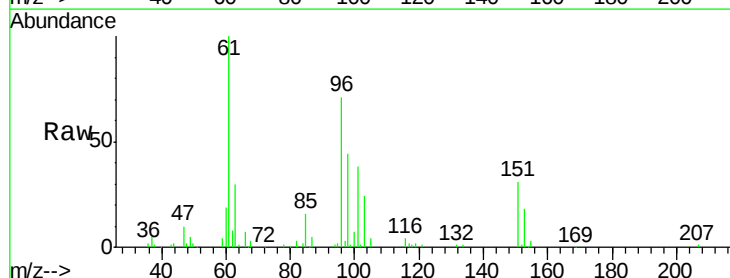
Tgt Ion: 96 Resp: 72928

Ion Ratio Lower Upper

96 100

61 140.0 120.5 180.7

98 61.5 50.8 76.2



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

50000

40000

30000

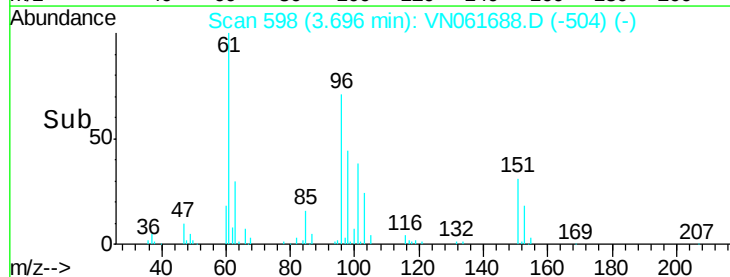
20000

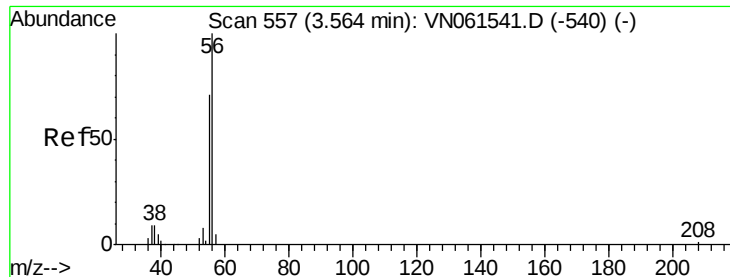
10000

0

Time-->

3.60 3.70 3.80





#13

Acrolein

Concen: 54.22 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

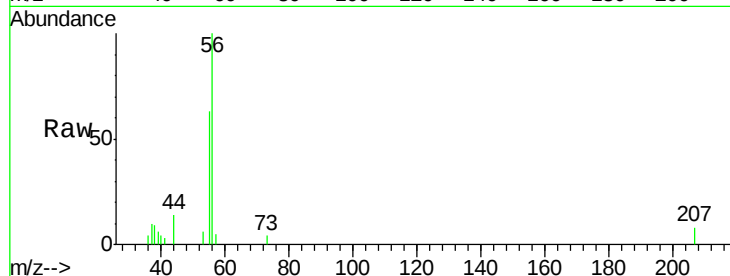
VN0608WBS01

Tgt Ion: 56 Resp: 14319

Ion Ratio Lower Upper

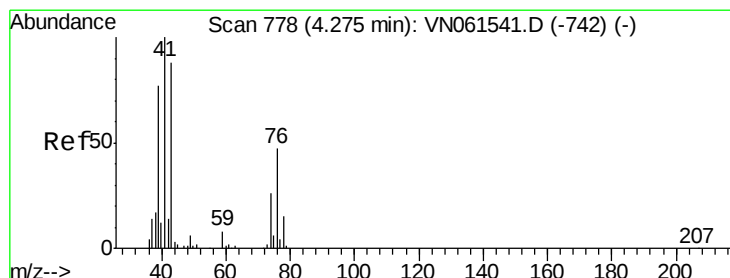
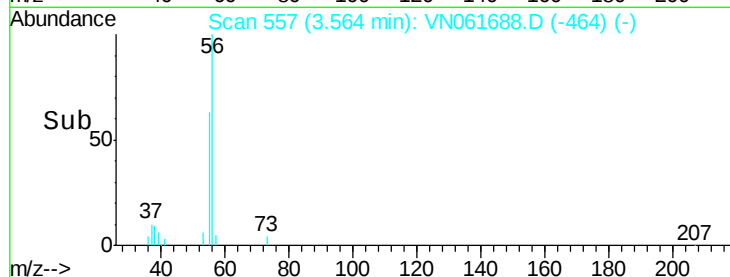
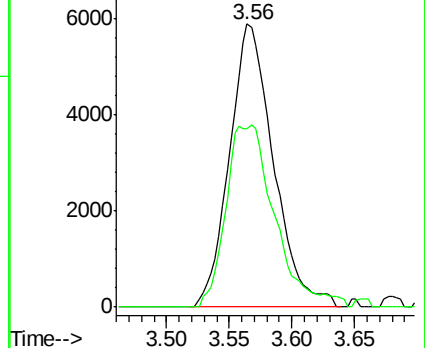
56 100

55 71.3 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.40 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

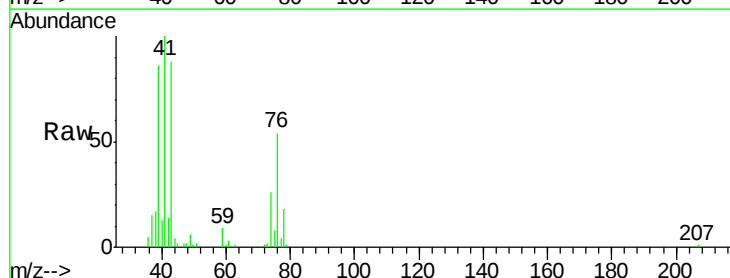
Tgt Ion: 41 Resp: 87355

Ion Ratio Lower Upper

41 100

39 75.2 58.6 88.0

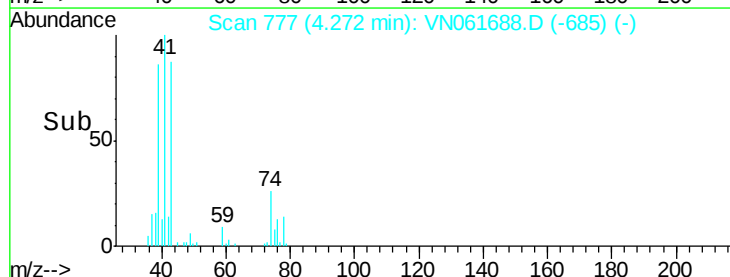
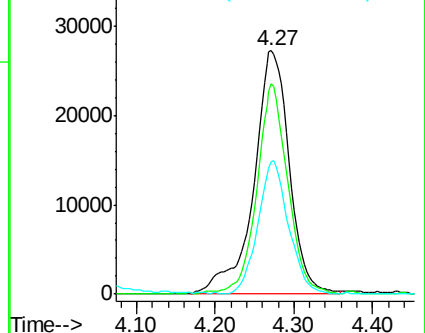
76 47.1 34.2 51.4



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: 84.72 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01

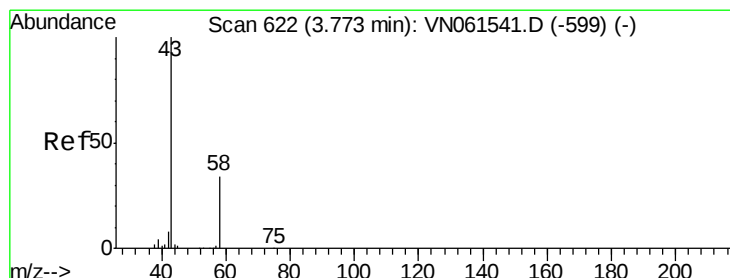
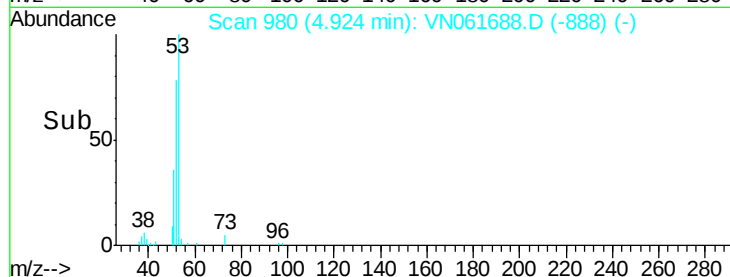
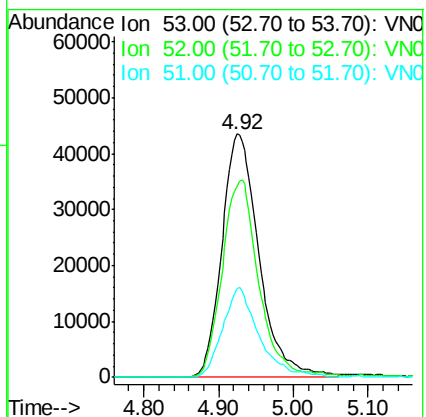
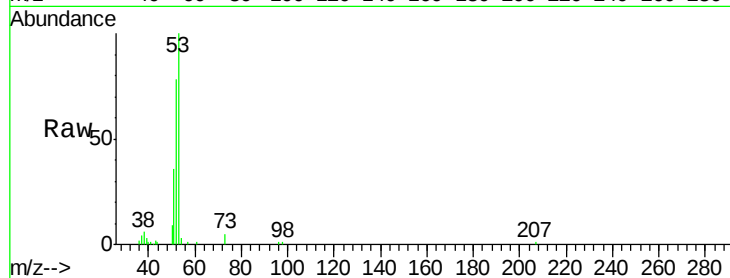
Tgt Ion: 53 Resp: 149437

Ion Ratio Lower Upper

53 100

52 80.1 65.4 98.2

51 35.1 29.0 43.6



#16

Acetone

Concen: 92.15 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061688.D

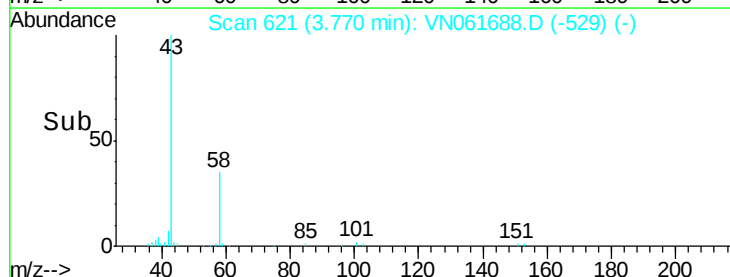
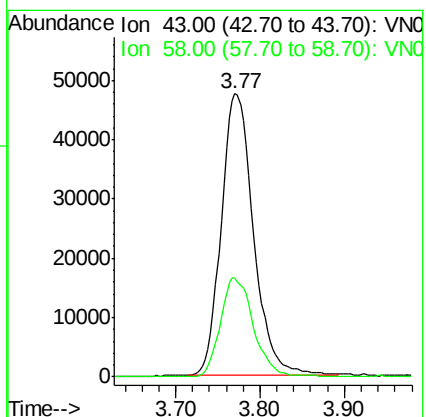
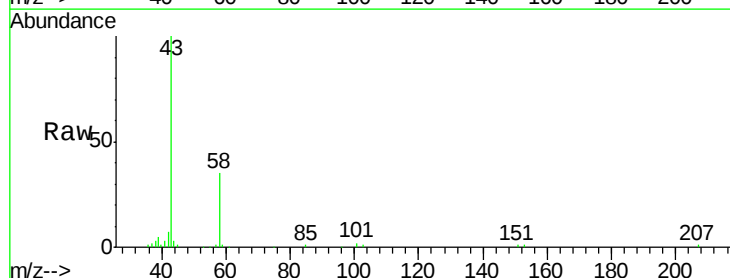
Acq: 8 Jun 2020 12:03

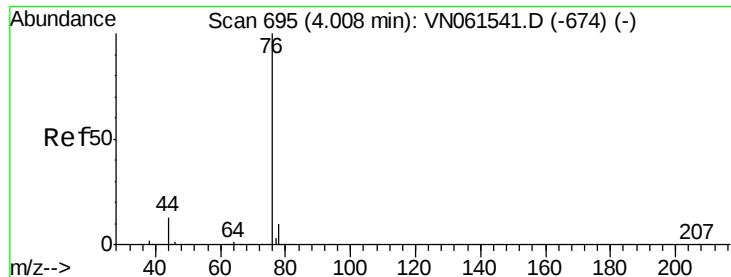
Tgt Ion: 43 Resp: 125784

Ion Ratio Lower Upper

43 100

58 35.2 27.2 40.8

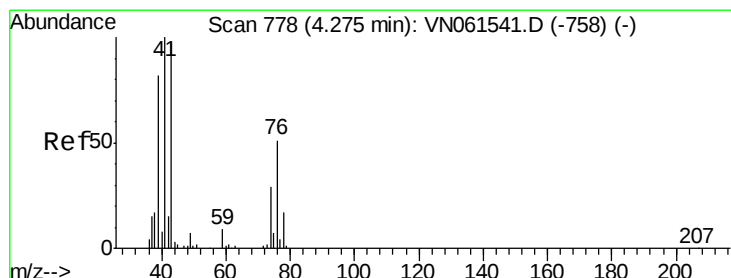
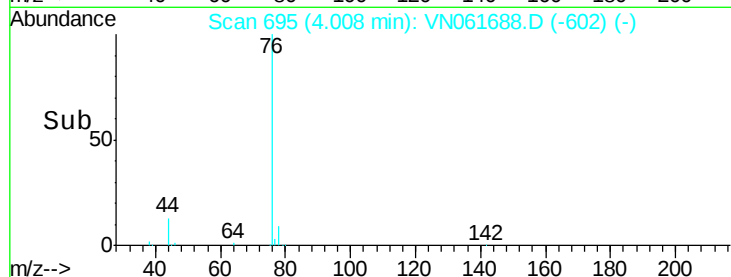
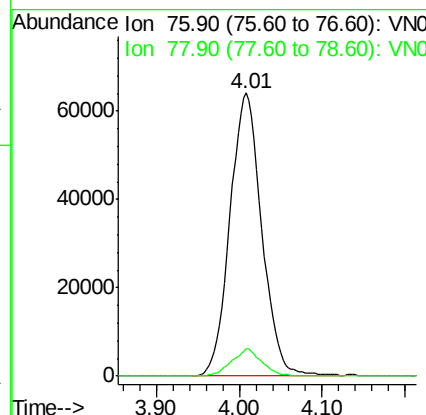
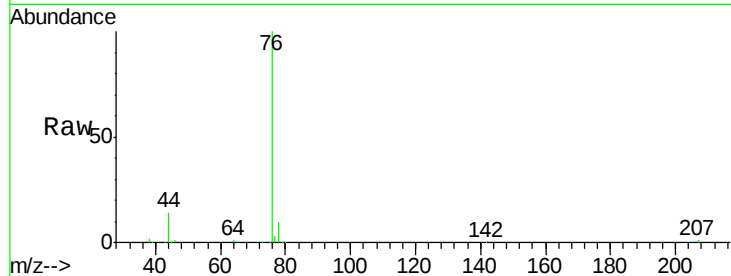




#17
Carbon Disulfide
Concen: 19.09 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

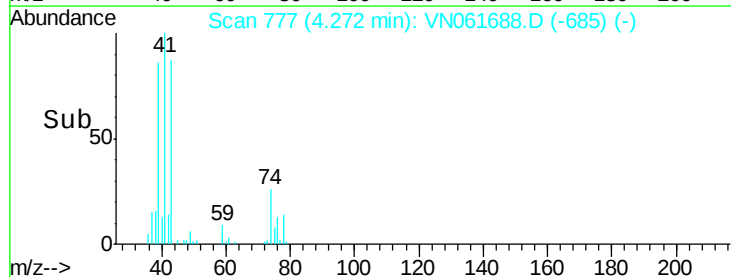
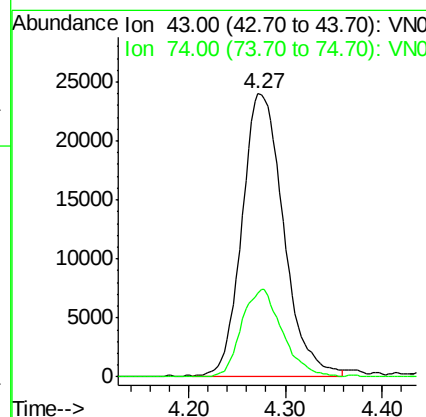
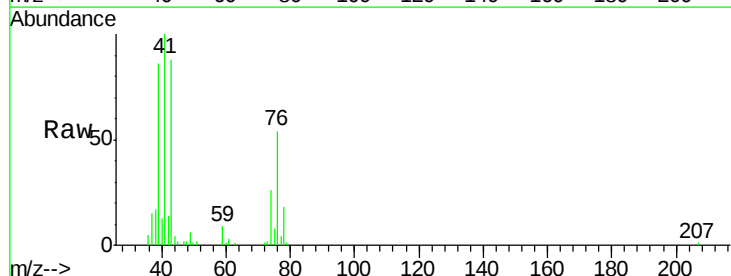
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01

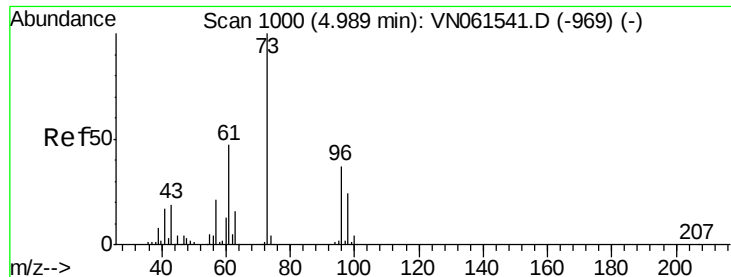
Tgt Ion: 76 Resp: 171098
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.6



#18
Methyl Acetate
Concen: 16.72 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Tgt Ion: 43 Resp: 71901
Ion Ratio Lower Upper
43 100
74 30.2 23.2 34.8

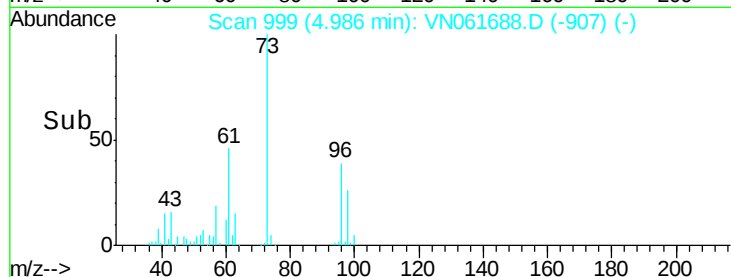
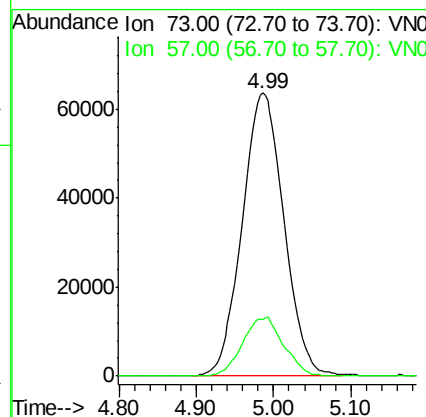
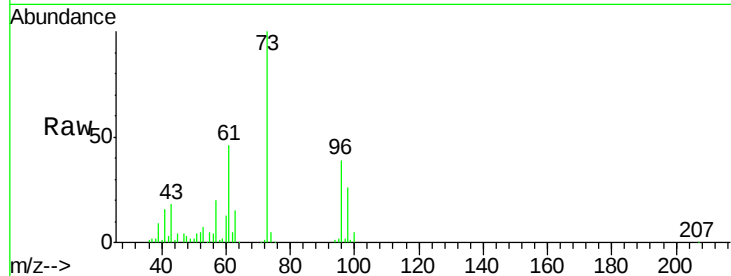




#19
Methyl tert-butyl Ether
Concen: 17.20 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

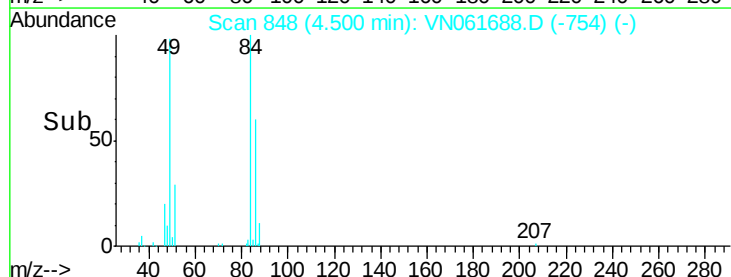
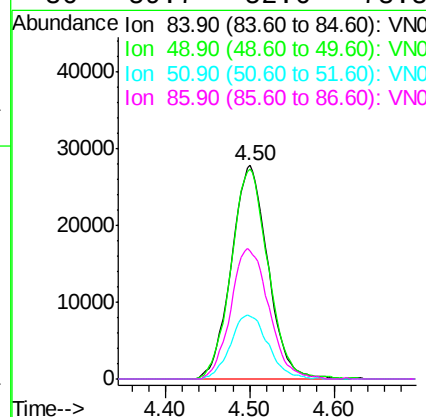
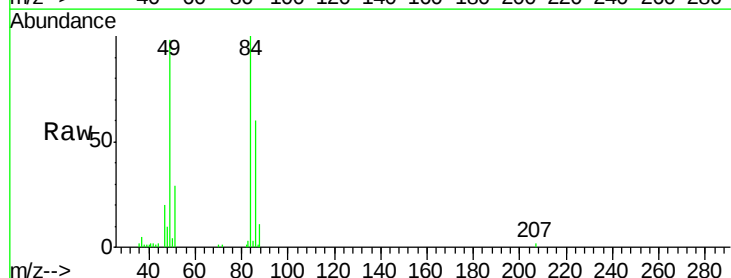
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01

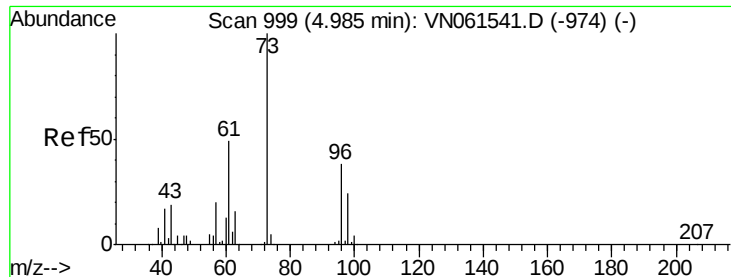
Tgt Ion: 73 Resp: 238792
Ion Ratio Lower Upper
73 100
57 19.9 16.4 24.6



#20
Methylene Chloride
Concen: 18.32 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Tgt Ion: 84 Resp: 83870
Ion Ratio Lower Upper
84 100
49 98.0 85.8 128.8
51 29.3 26.2 39.2
86 59.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 17.85 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01

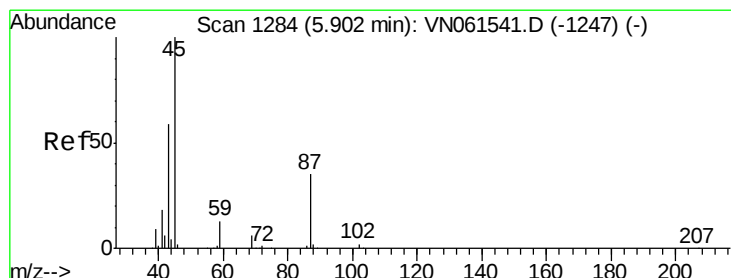
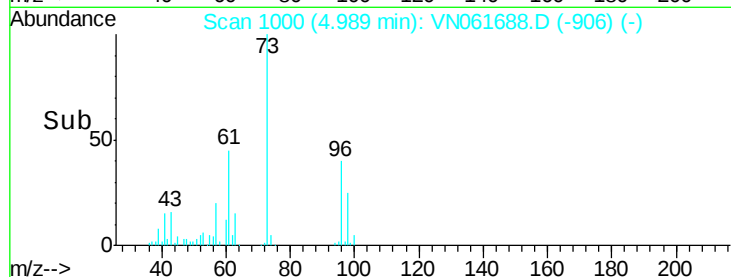
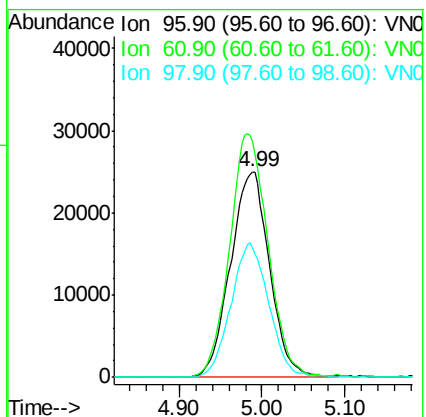
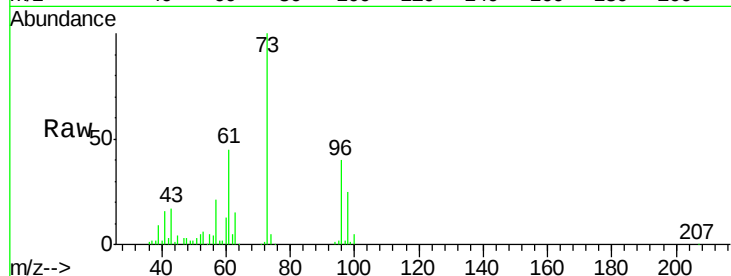
Tgt Ion: 96 Resp: 82033

Ion Ratio Lower Upper

96 100

61 114.5 101.4 152.0

98 63.3 50.6 76.0



#22

Diisopropyl ether

Concen: 17.76 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Tgt Ion: 45 Resp: 208512

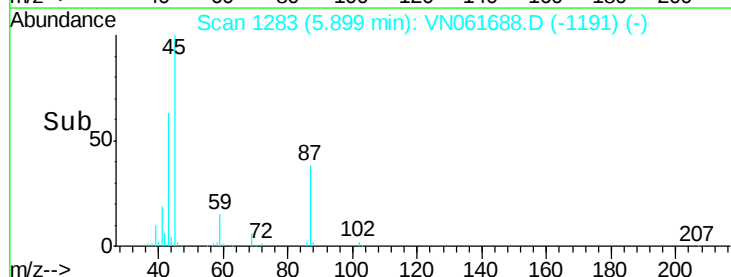
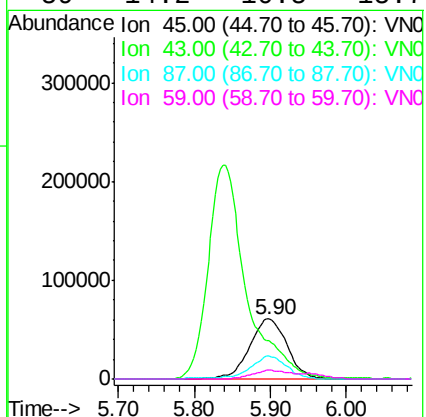
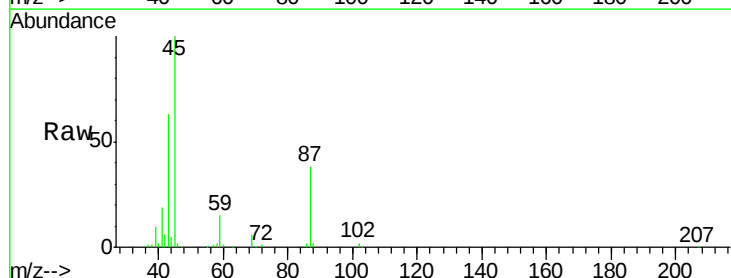
Ion Ratio Lower Upper

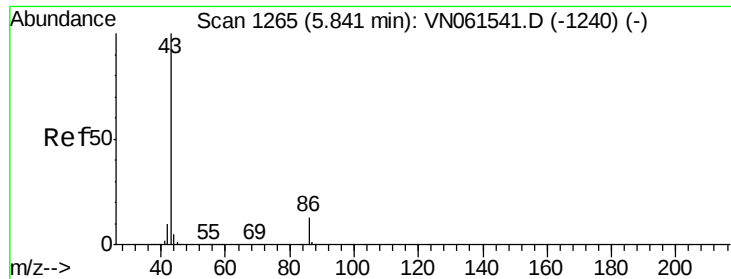
45 100

43 60.9 47.9 71.9

87 38.3 28.4 42.6

59 14.2 10.5 15.7

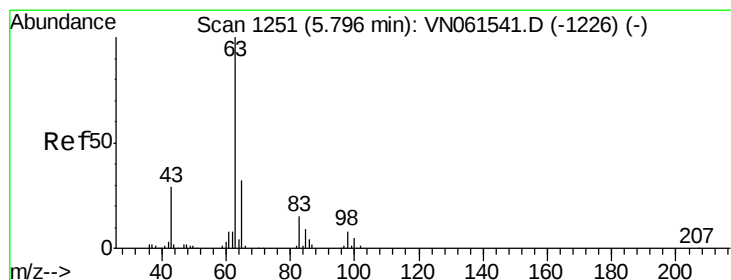
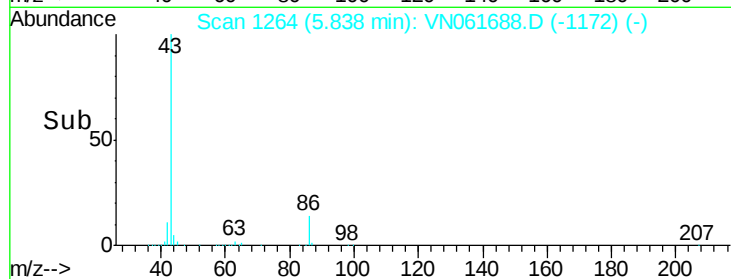
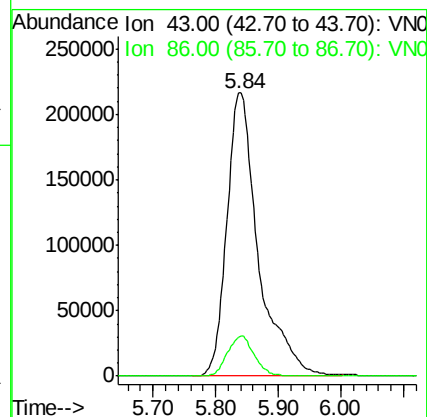
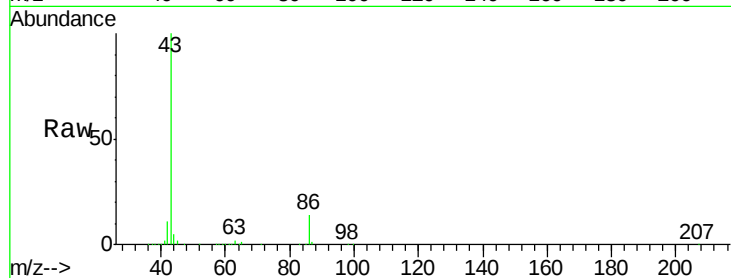




#23
 Vinyl Acetate
 Concen: 80.75 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

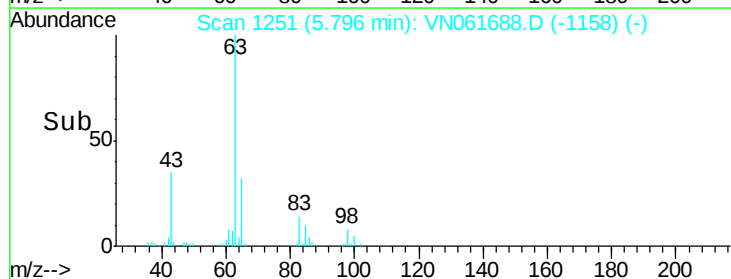
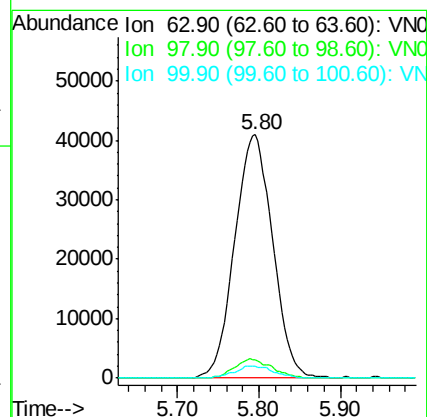
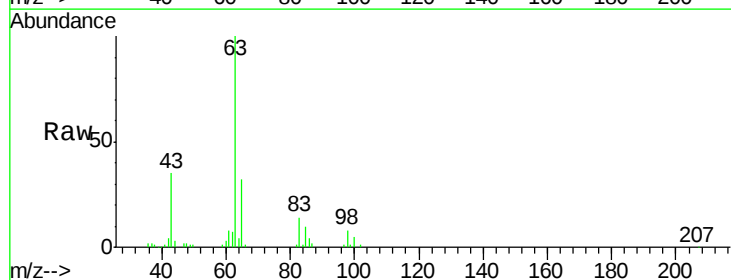
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS01

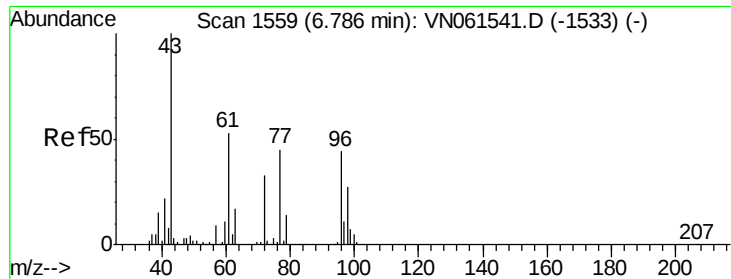
Tgt Ion: 43 Resp: 755595
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 17.80 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

Tgt Ion: 63 Resp: 132534
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 4.8 2.5 7.6

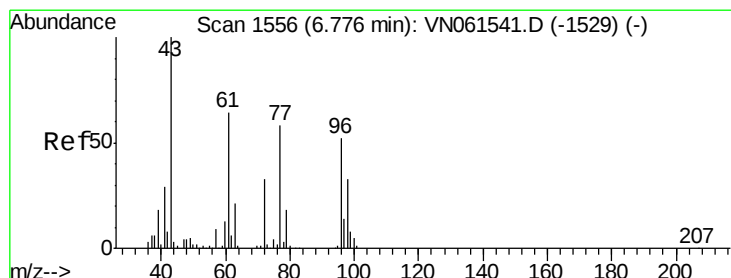
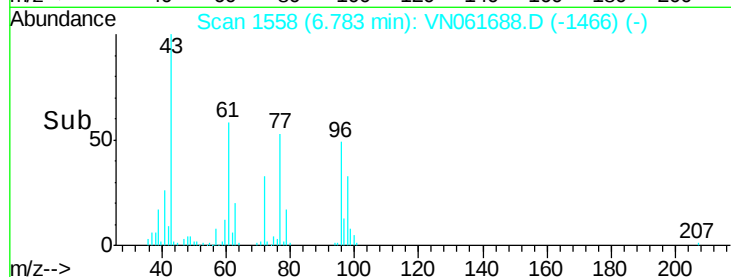
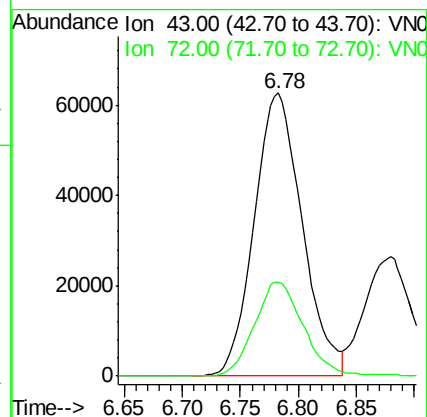
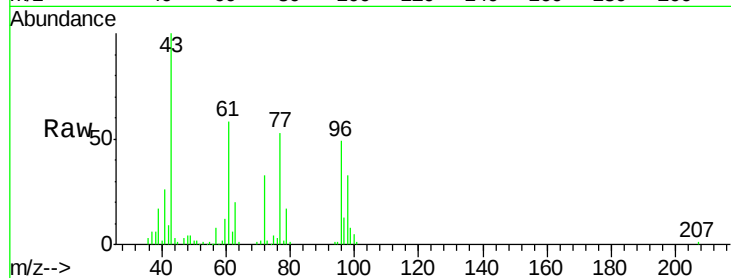




#25
2-Butanone
Concen: 80.27 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

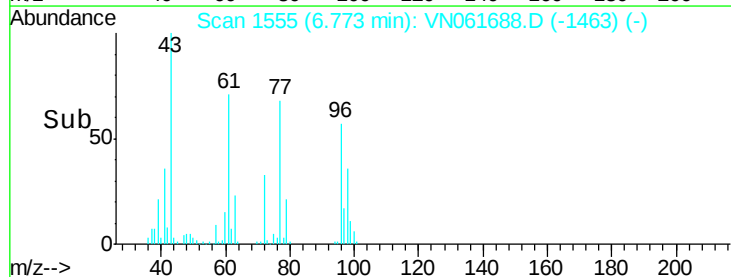
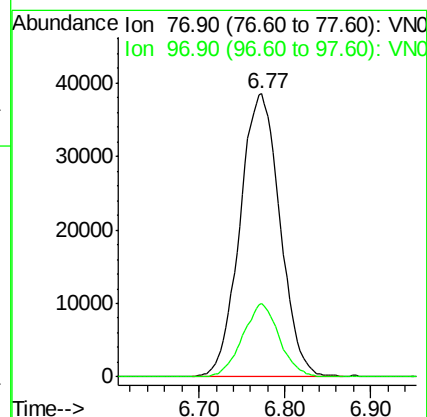
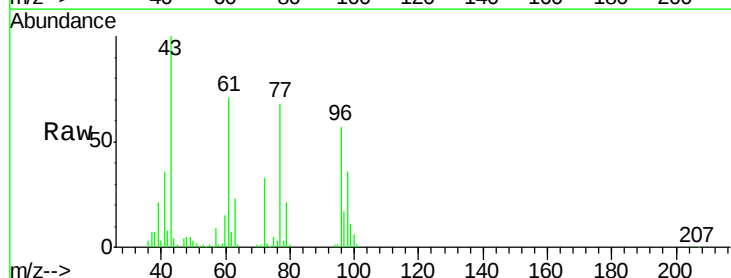
Instrument :
MSVOA_N
ClientSampled :
VN0608WBS01

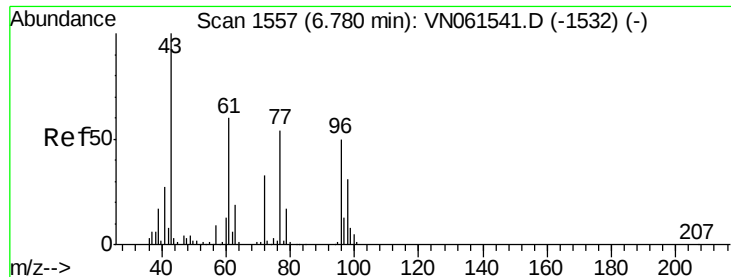
Tgt Ion: 43 Resp: 180731
Ion Ratio Lower Upper
43 100
72 33.3 26.0 39.0



#26
2,2-Dichloropropane
Concen: 18.30 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Tgt Ion: 77 Resp: 124713
Ion Ratio Lower Upper
77 100
97 23.7 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 18.45 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01

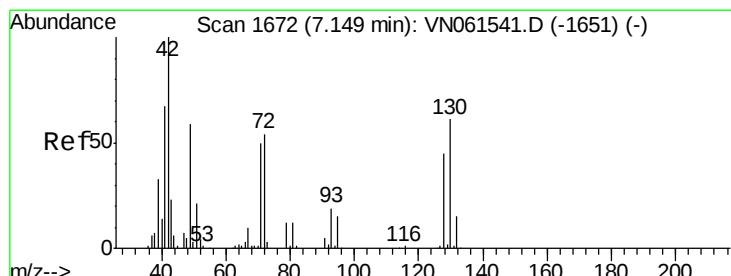
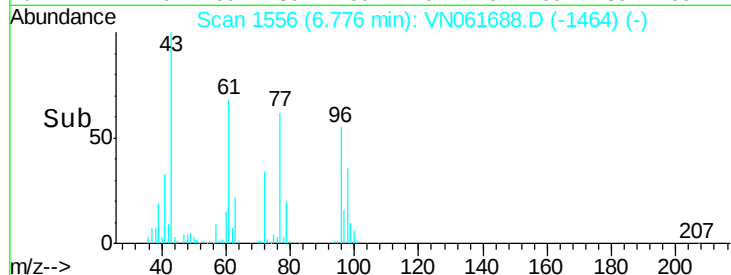
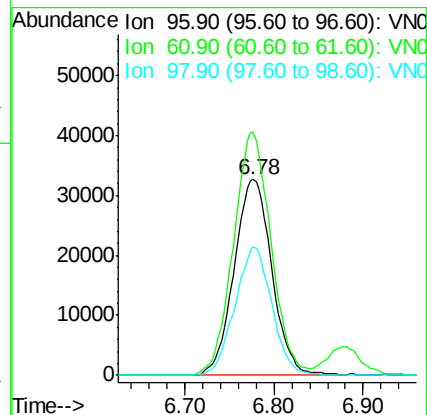
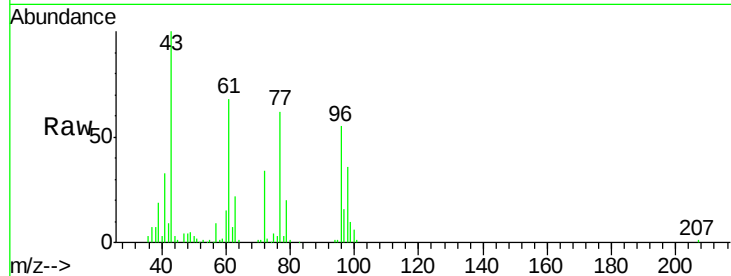
Tgt Ion: 96 Resp: 95980

Ion Ratio Lower Upper

96 100

61 123.7 0.0 252.2

98 64.1 0.0 129.2



#28

Bromochloromethane

Concen: 20.14 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

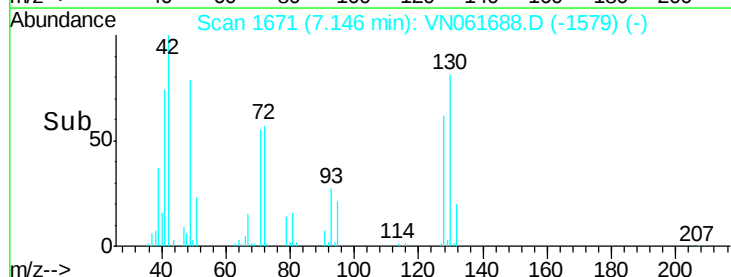
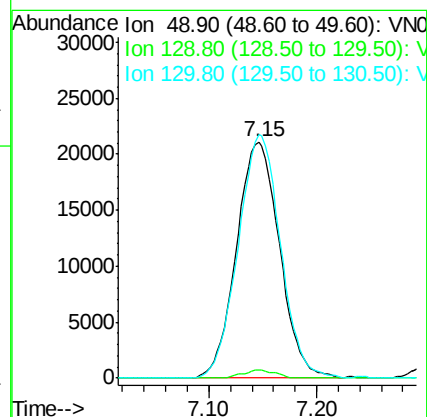
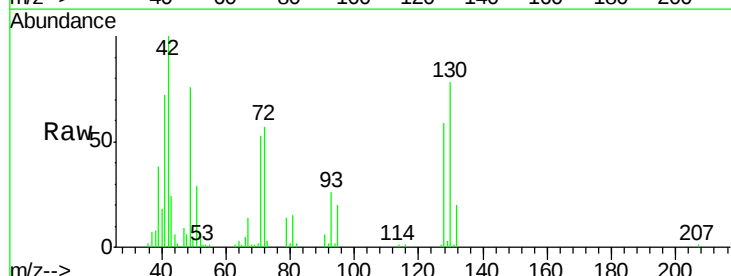
Tgt Ion: 49 Resp: 58616

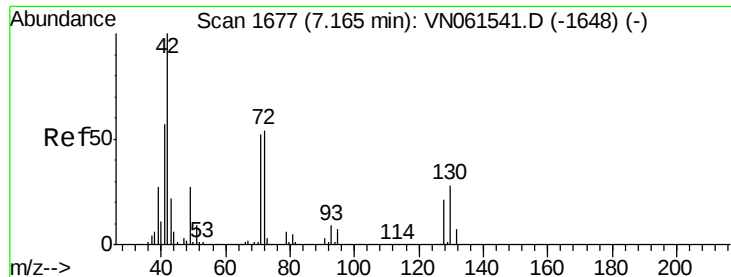
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

130 101.3 78.8 118.2

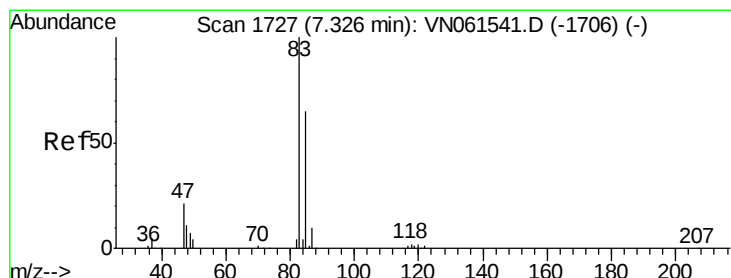
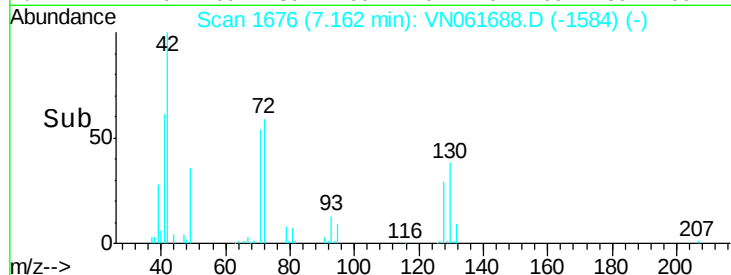
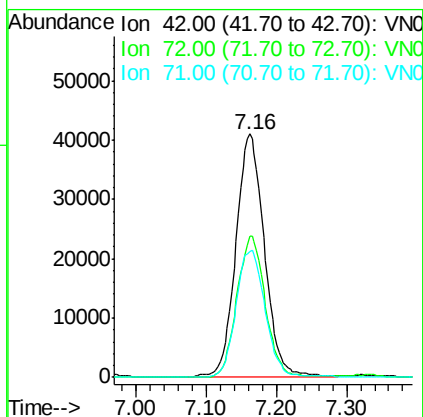
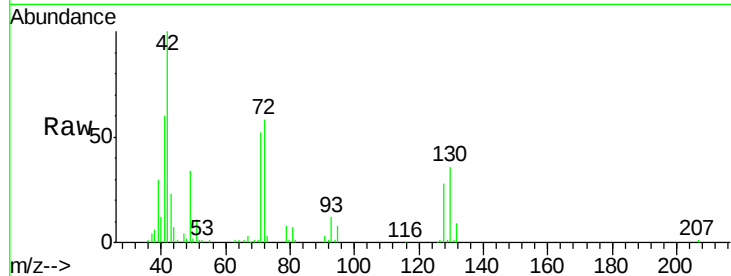




#29
Tetrahydrofuran
Concen: 78.37 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

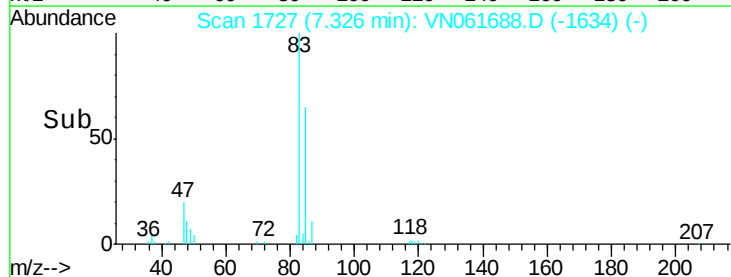
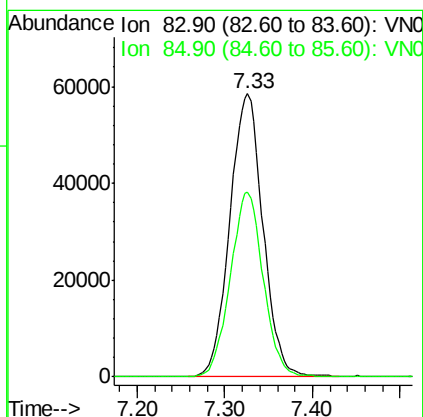
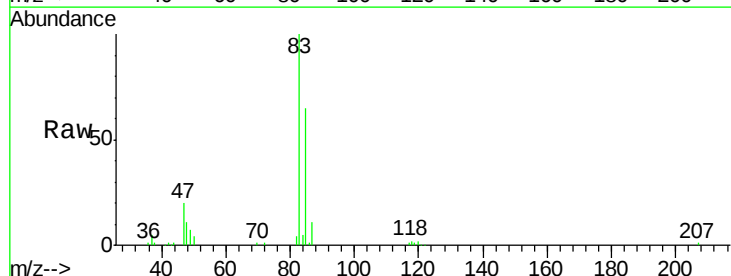
Instrument :
MSVOA_N
ClientSampled :
VN0608WBS01

Tgt Ion: 42 Resp: 116364
Ion Ratio Lower Upper
42 100
72 57.1 43.6 65.4
71 53.0 41.2 61.8



#30
Chloroform
Concen: 18.67 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Tgt Ion: 83 Resp: 153740
Ion Ratio Lower Upper
83 100
85 65.4 51.7 77.5





#31

Cyclohexane

Concen: 17.06 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01

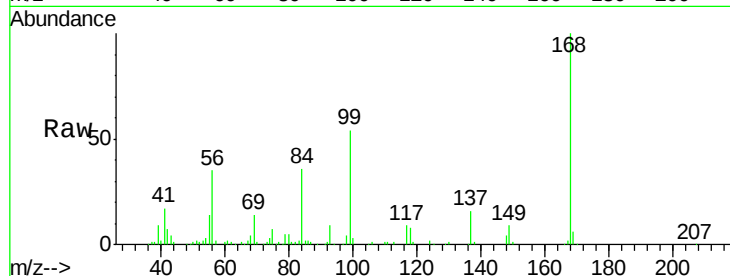
Tgt Ion: 56 Resp: 114197

Ion Ratio Lower Upper

56 100

69 39.1 27.8 41.8

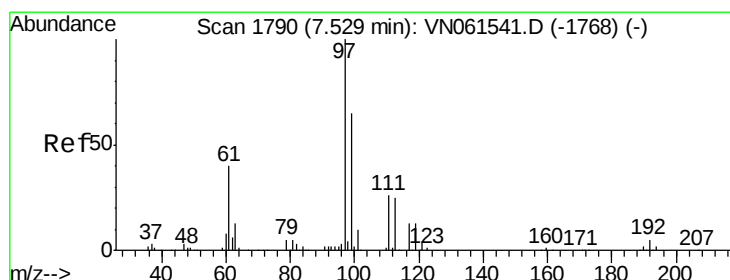
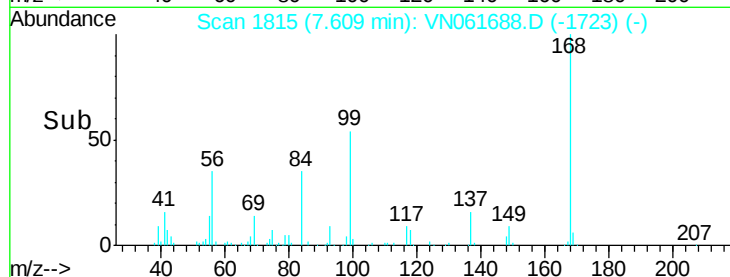
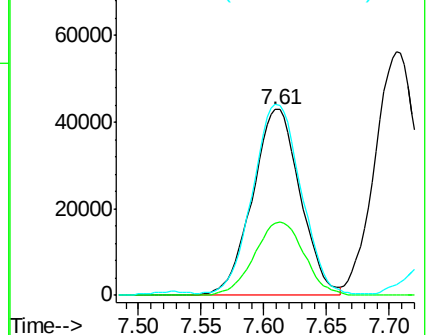
84 101.6 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN061541.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN061541.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 18.05 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

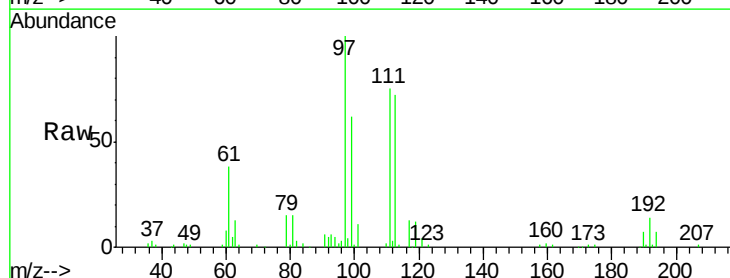
Tgt Ion: 97 Resp: 135441

Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.0

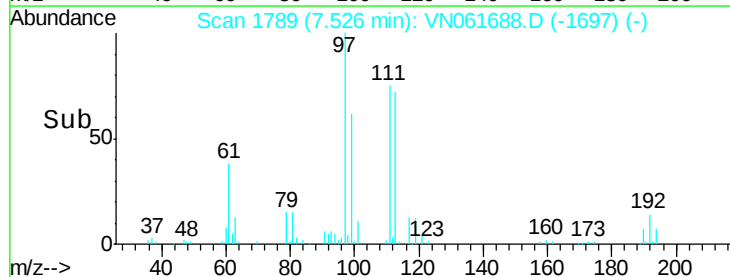
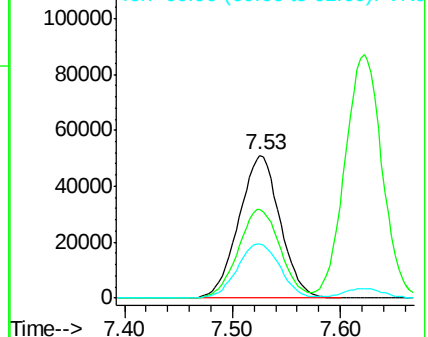
61 39.4 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN061541.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN061541.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN061541.D (-1768) (-)

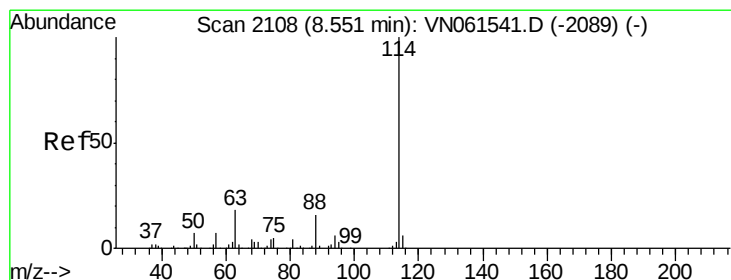
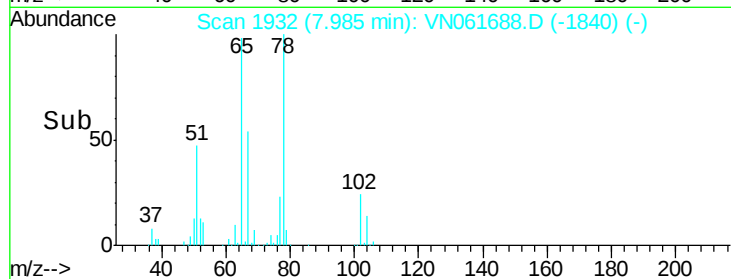
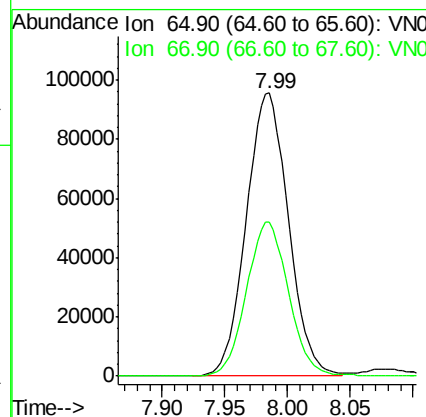
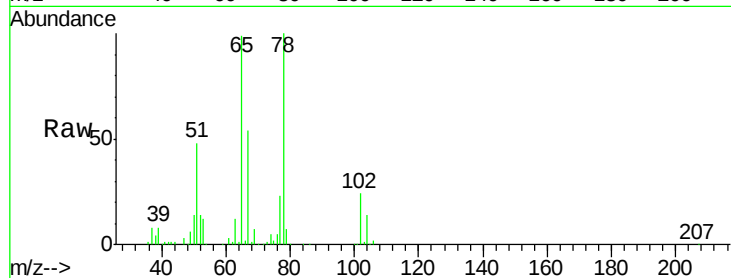




#33
 1,2-Dichloroethane-d4
 Concen: 47.17 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

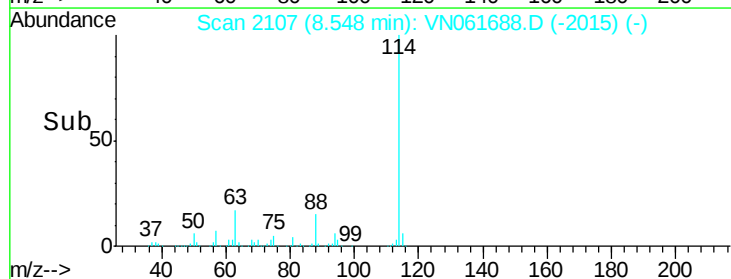
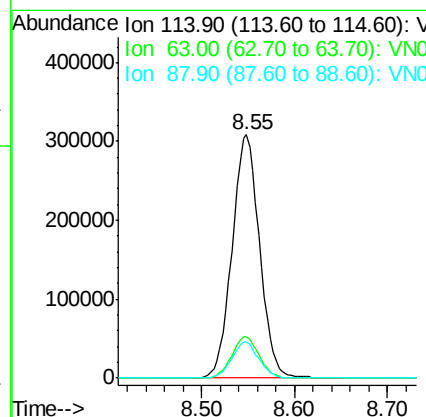
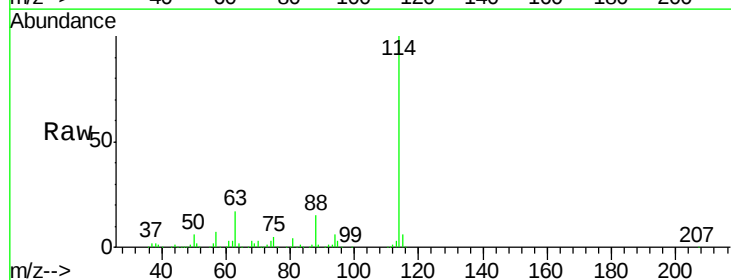
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS01

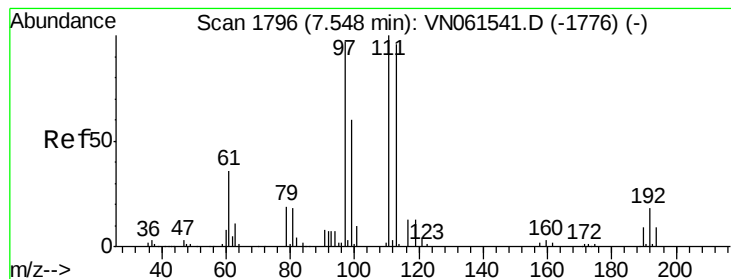
Tgt Ion: 65 Resp: 224100
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

Tgt Ion: 114 Resp: 632969
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.8
 88 14.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 57.65 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01

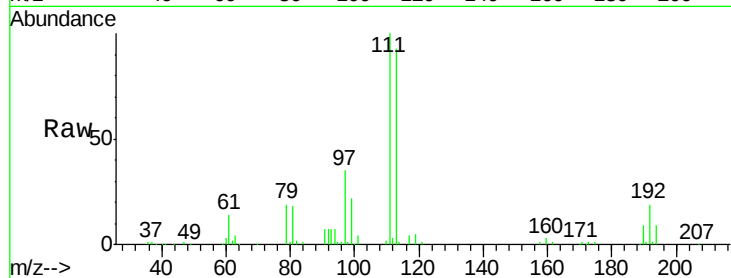
Tgt Ion:113 Resp: 185114

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.0

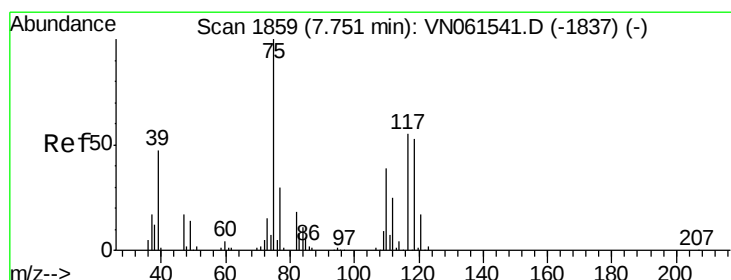
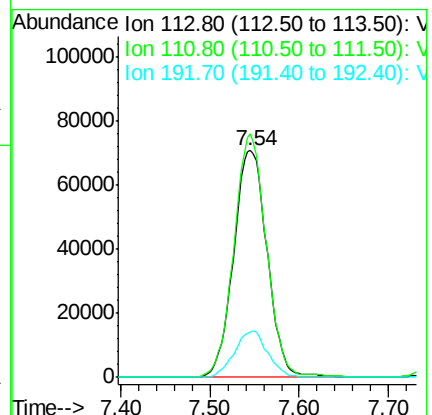
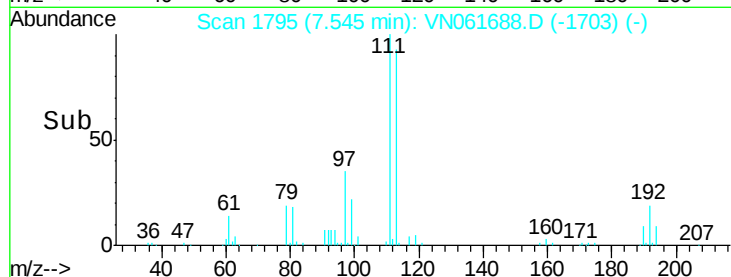
192 20.1 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.80 ug/l

RT: 7.75 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

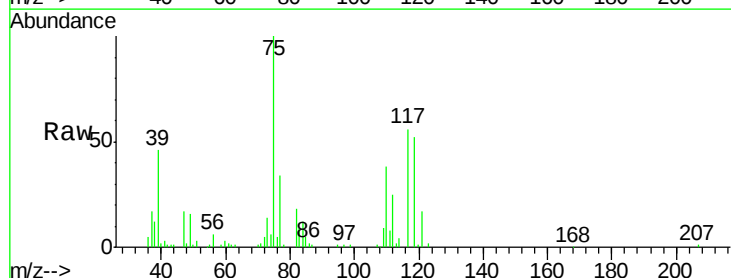
Tgt Ion: 75 Resp: 105359

Ion Ratio Lower Upper

75 100

110 39.9 19.5 58.5

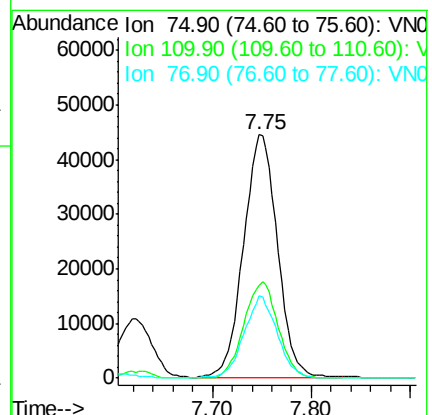
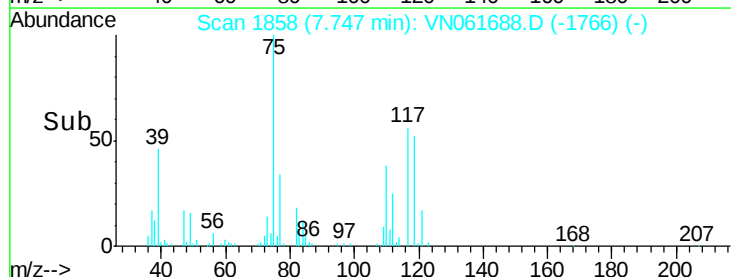
77 33.3 24.7 37.1

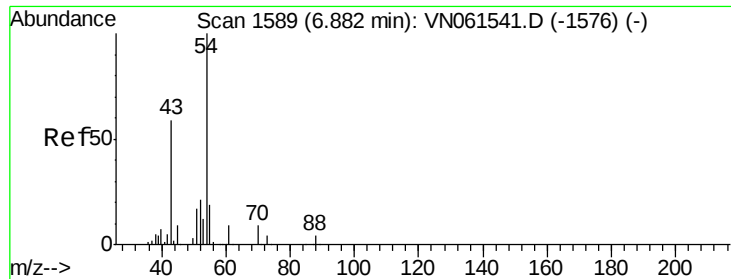


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

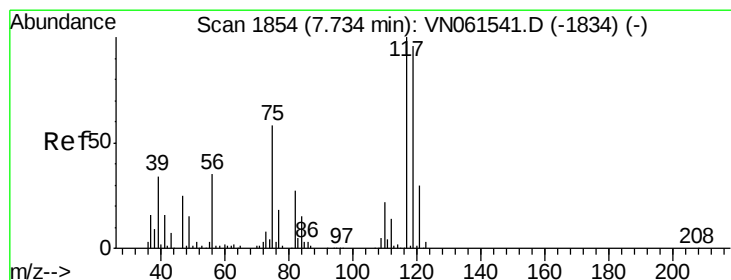
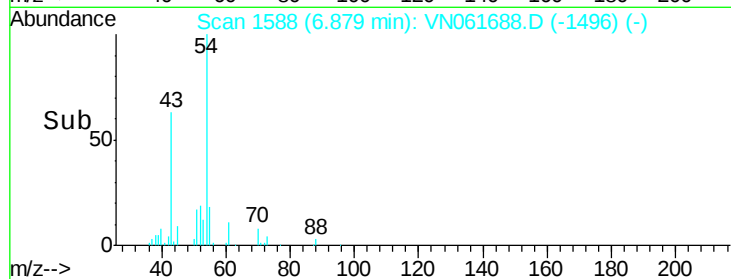
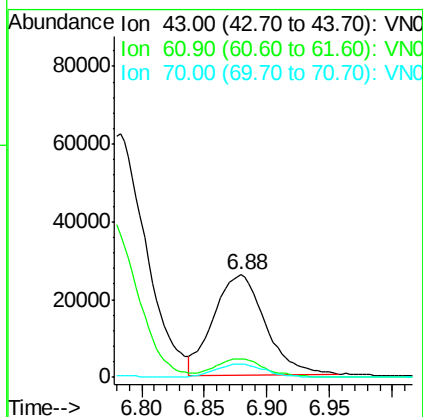
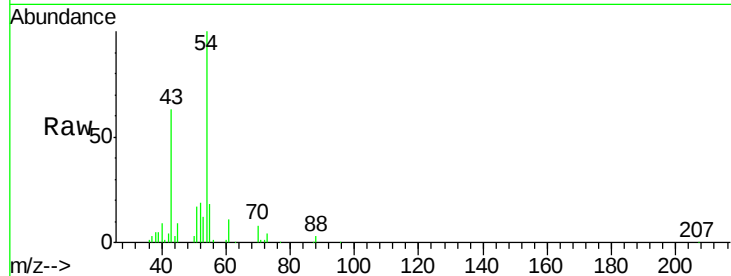




#37
Ethyl Acetate
 Concen: 16.47 ug/l
 RT: 6.88 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

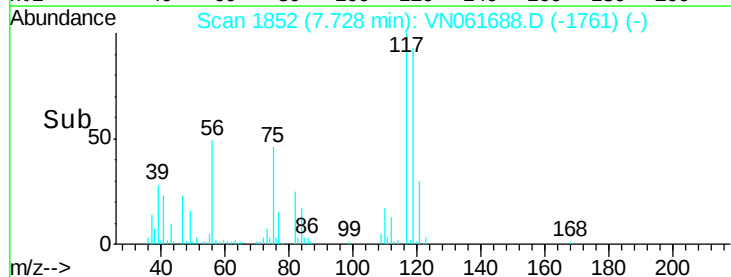
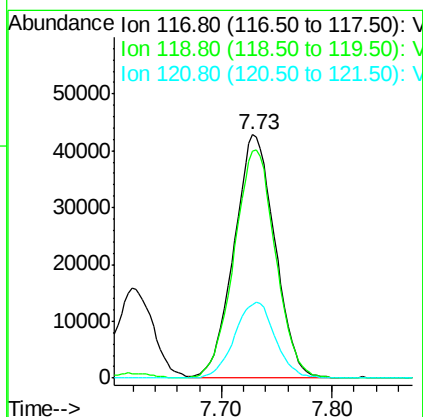
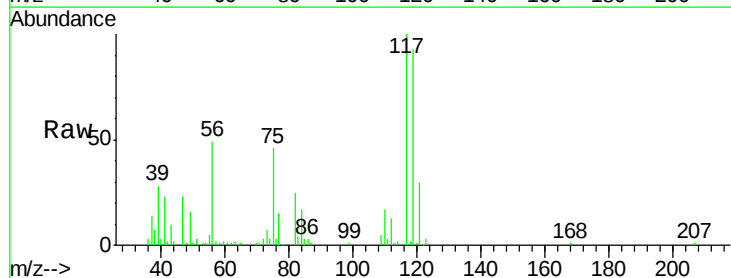
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS01

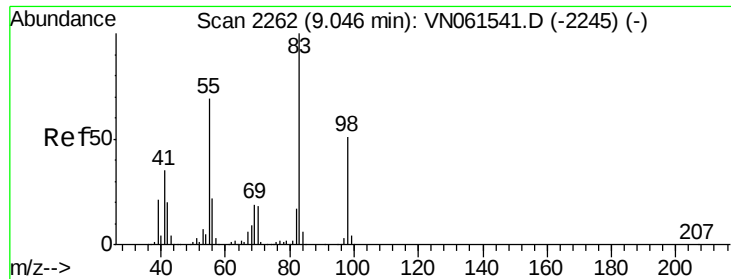
Tgt Ion: 43 Resp: 74327
 Ion Ratio Lower Upper
 43 100
 61 18.2 12.2 18.4
 70 12.9 9.4 14.2



#38
Carbon Tetrachloride
 Concen: 20.35 ug/l
 RT: 7.73 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

Tgt Ion: 117 Resp: 110007
 Ion Ratio Lower Upper
 117 100
 119 92.8 76.5 114.7
 121 30.4 24.1 36.1

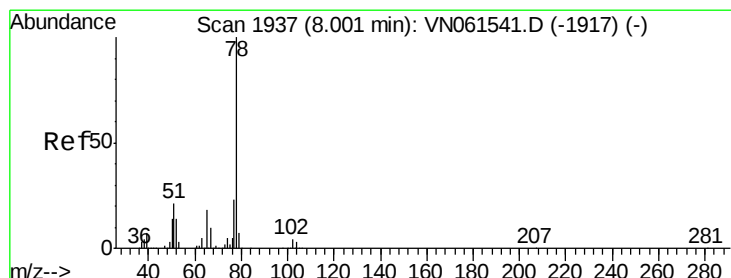
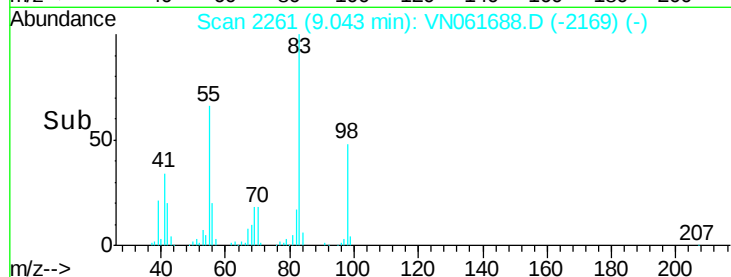
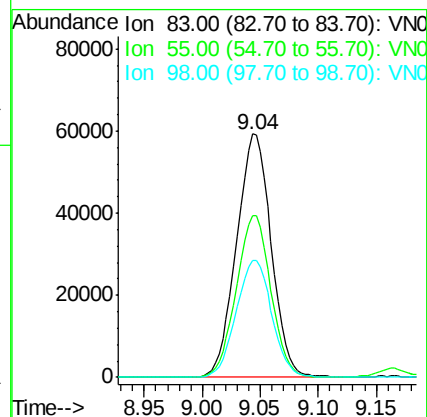
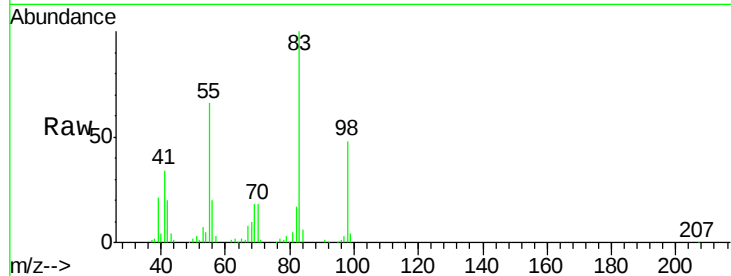




#39
Methylcyclohexane
Concen: 17.84 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

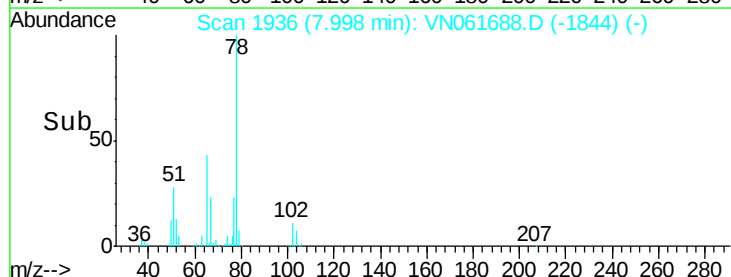
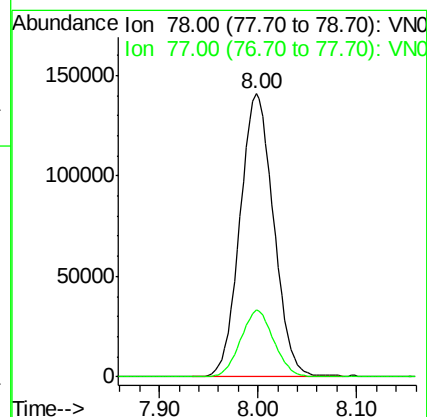
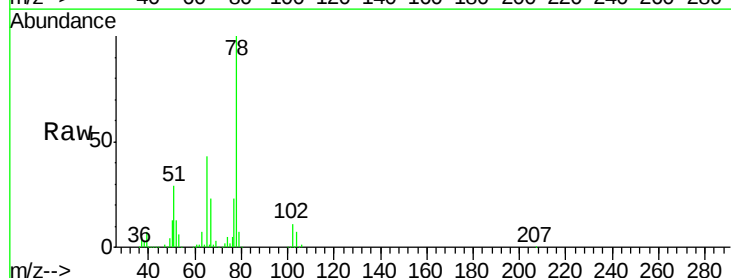
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01

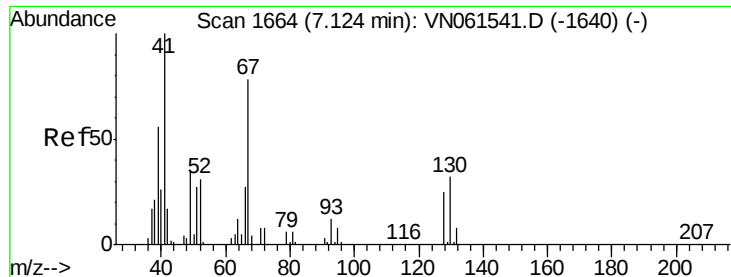
Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.2	54.9	82.3
98	48.0	41.0	61.4



#40
Benzene
Concen: 19.27 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	28.0

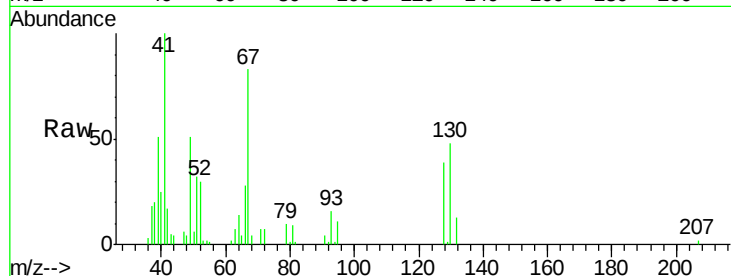




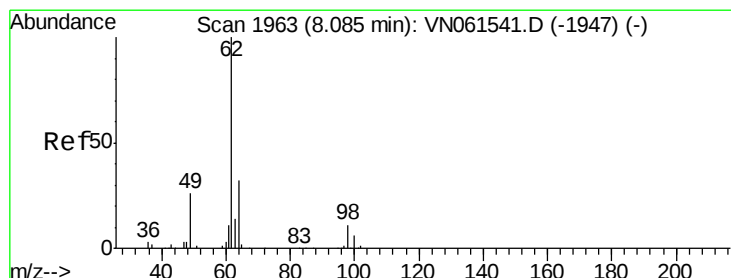
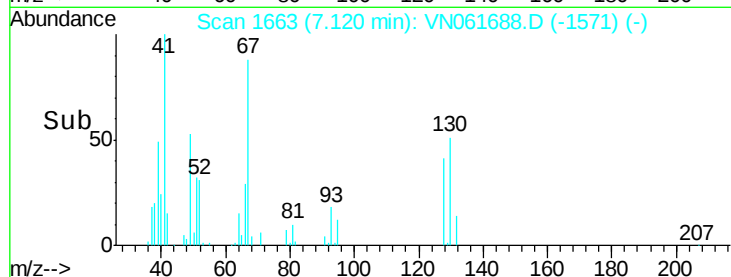
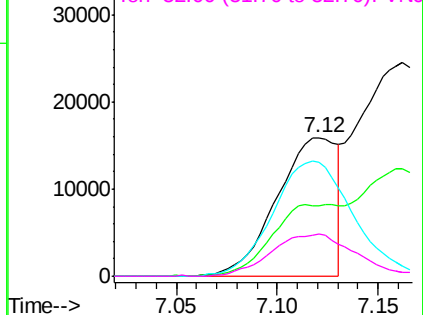
#41
Methacrylonitrile
Concen: 15.93 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Instrument :
MSVOA_N
ClientSampled :
VN0608WBS01

Tgt Ion: 41 Resp: 32949
Ion Ratio Lower Upper
41 100
39 41.2 53.8 80.6#
67 112.0 91.1 136.7
52 42.3 36.0 54.0

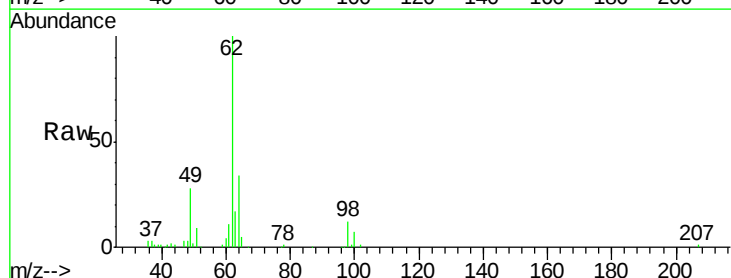


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

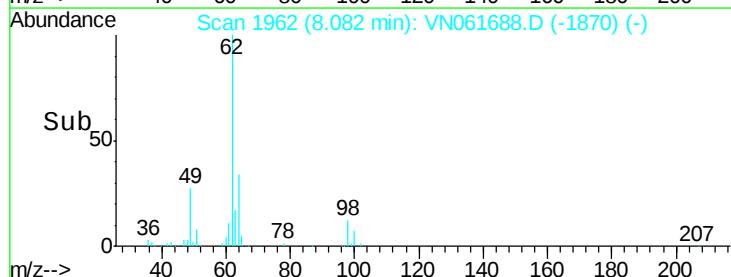
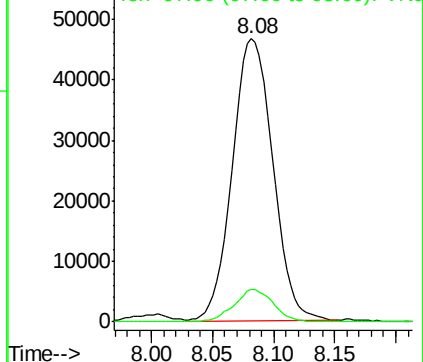


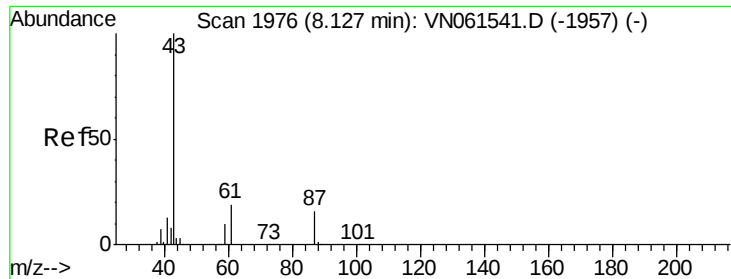
#42
1,2-Dichloroethane
Concen: 18.58 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Tgt Ion: 62 Resp: 107539
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 16.65 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.01 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01

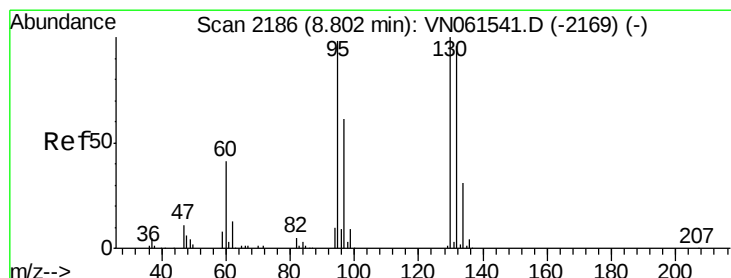
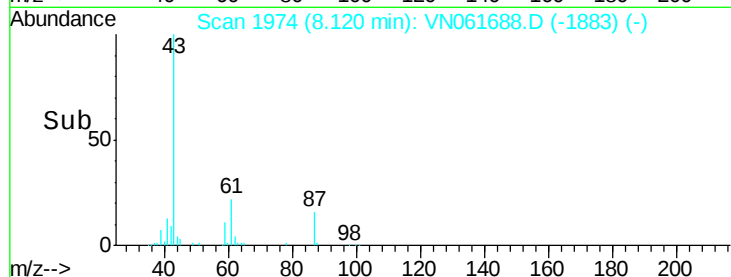
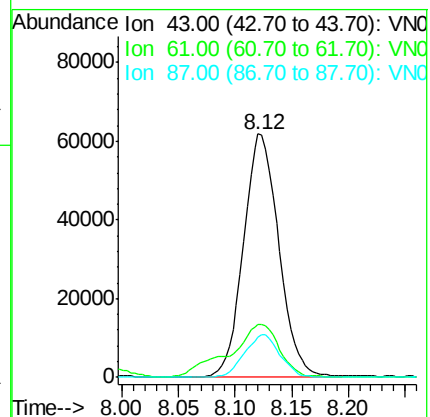
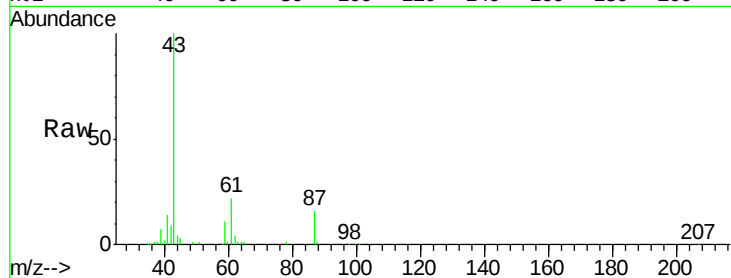
Tgt Ion: 43 Resp: 135190

Ion Ratio Lower Upper

43 100

61 30.6 23.6 35.4

87 17.3 13.0 19.6



#44

Trichloroethene

Concen: 19.20 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061688.D

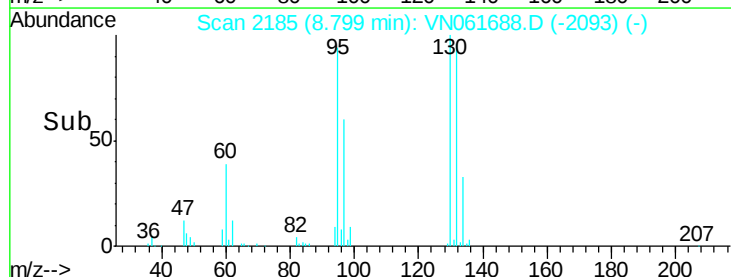
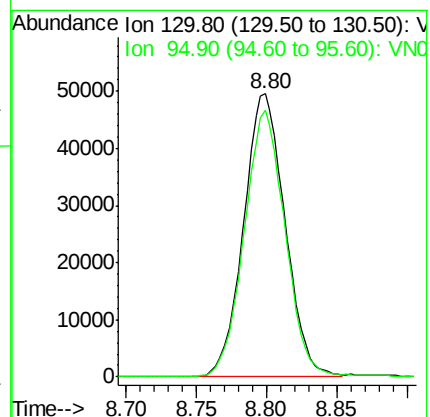
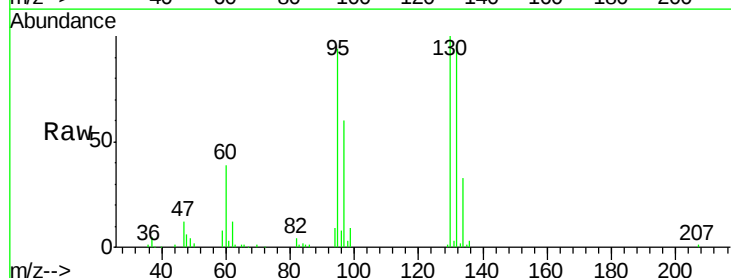
Acq: 8 Jun 2020 12:03

Tgt Ion: 130 Resp: 102033

Ion Ratio Lower Upper

130 100

95 94.1 0.0 196.6

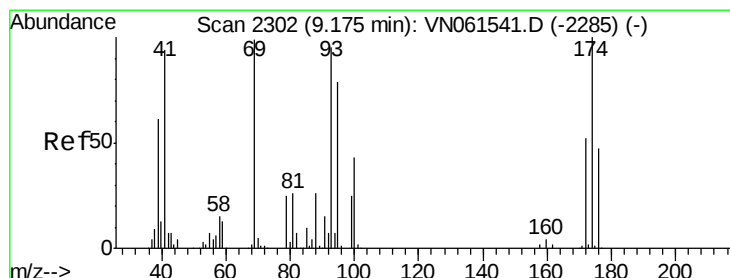
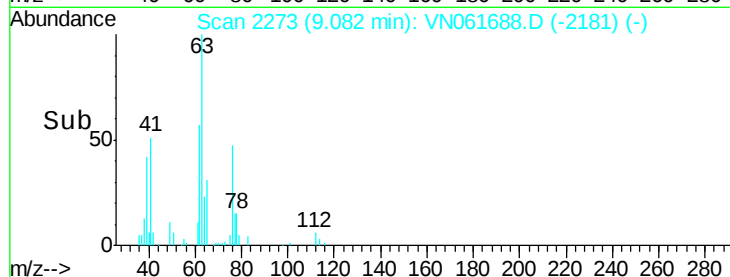
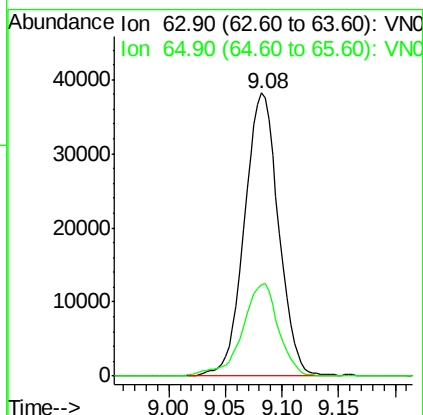
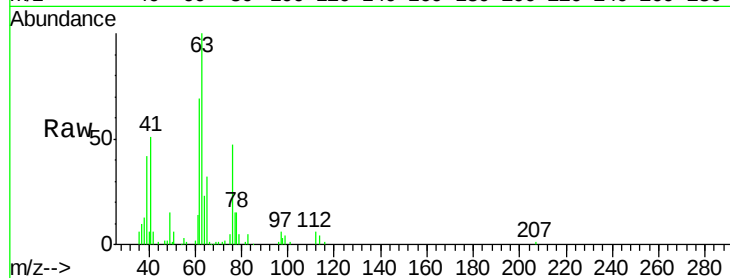




#45
 1,2-Dichloropropane
 Concen: 19.57 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

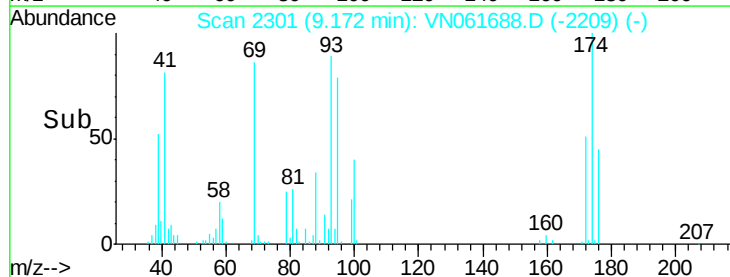
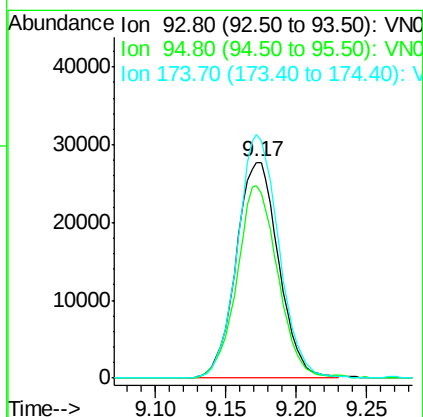
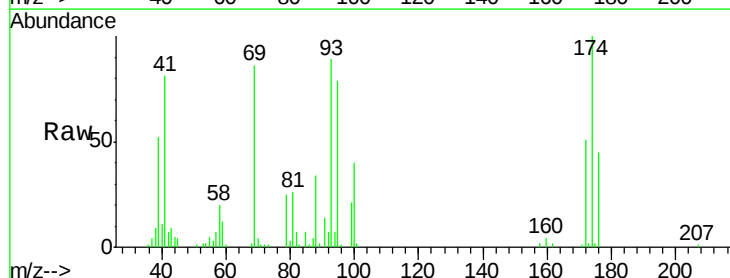
Instrument :
 MSVOA_N
 ClientSampled :
 VN0608WBS01

Tgt Ion: 63 Resp: 80335
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.7 37.1



#46
 Dibromomethane
 Concen: 18.62 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

Tgt Ion: 93 Resp: 58629
 Ion Ratio Lower Upper
 93 100
 95 85.1 66.0 99.0
 174 109.4 82.5 123.7





#47

Bromodichloromethane

Concen: 19.27 ug/l

RT: 9.36 min Scan# 2361

Delta R.T. -0.01 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01

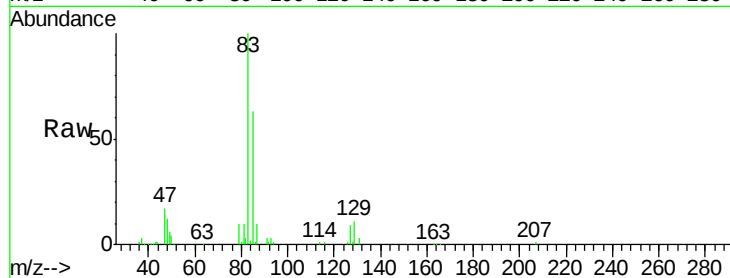
Tgt Ion: 83 Resp: 120180

Ion Ratio Lower Upper

83 100

85 62.6 51.1 76.7

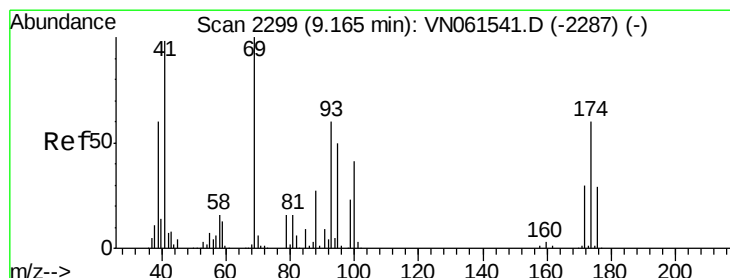
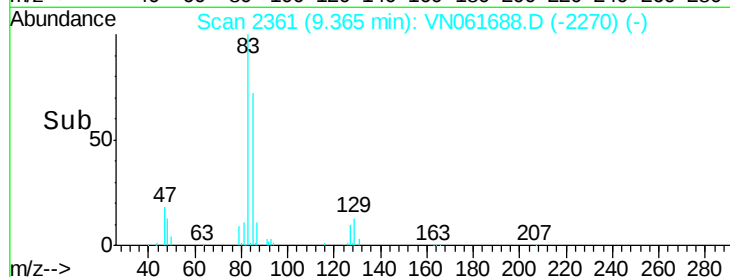
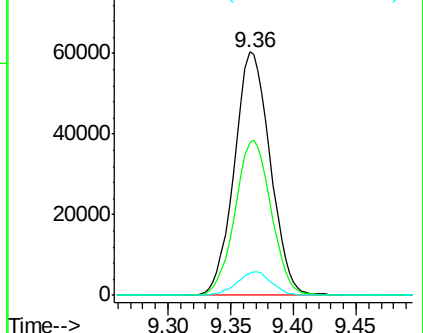
127 9.1 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061688.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061688.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061688.D (-2270) (-)



#48

Methyl methacrylate

Concen: 15.60 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

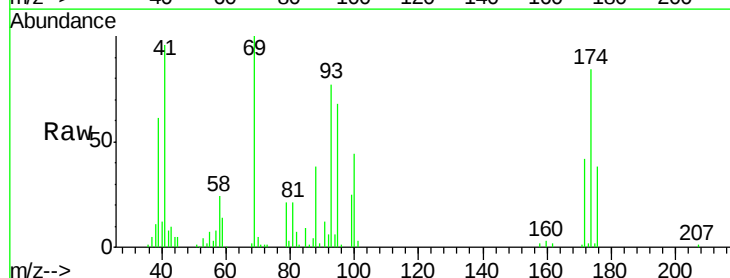
Tgt Ion: 41 Resp: 56974

Ion Ratio Lower Upper

41 100

69 111.9 83.9 125.9

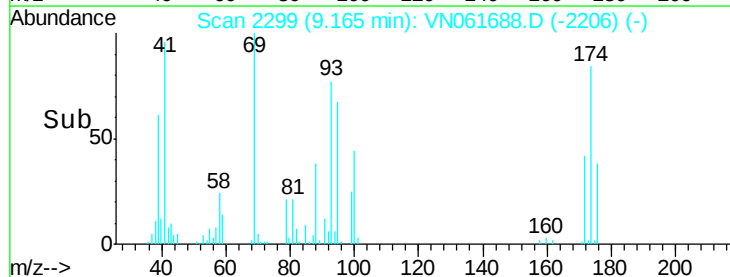
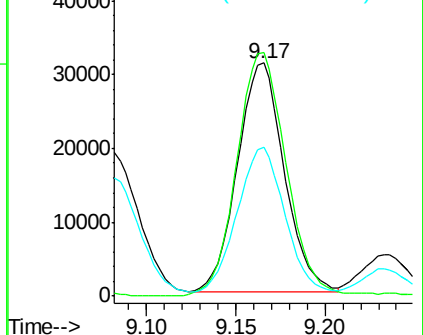
39 66.8 52.1 78.1

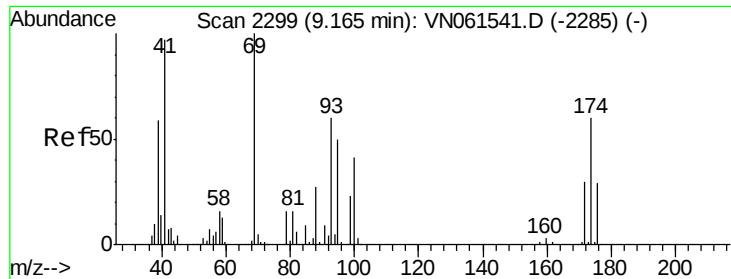


Abundance Ion 41.00 (40.70 to 41.70): VN061688.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061688.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061688.D (-2206) (-)

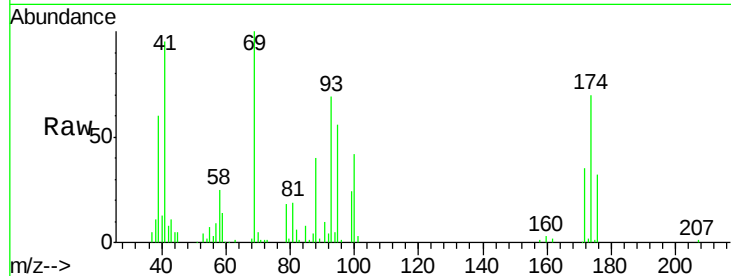




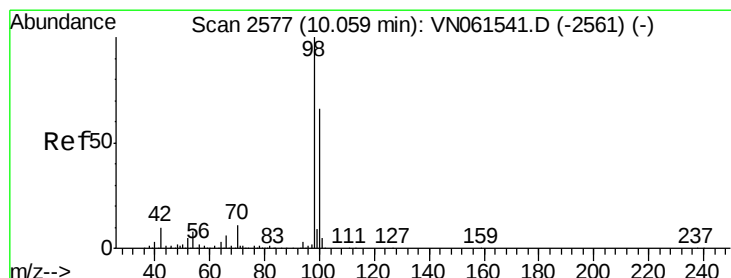
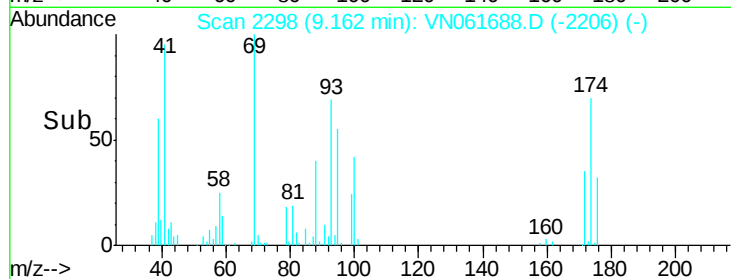
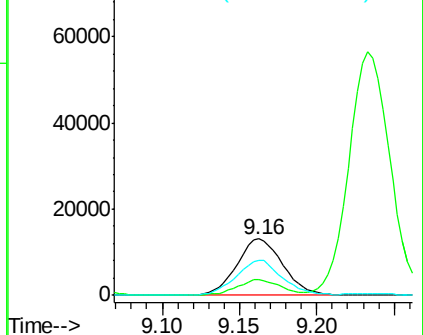
#49
1,4-Dioxane
Concen: 478.76 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01

Tgt Ion: 88 Resp: 27095
Ion Ratio Lower Upper
88 100
43 26.8 23.1 34.7
58 62.1 48.3 72.5

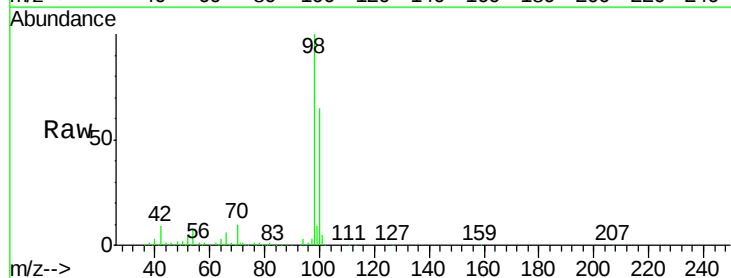


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

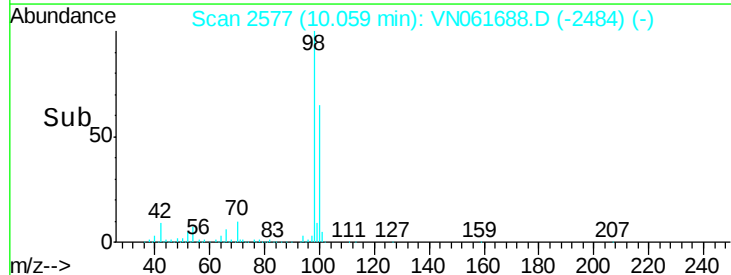
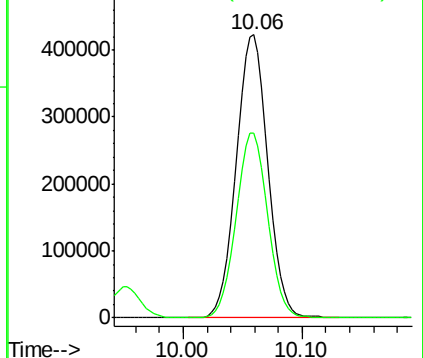


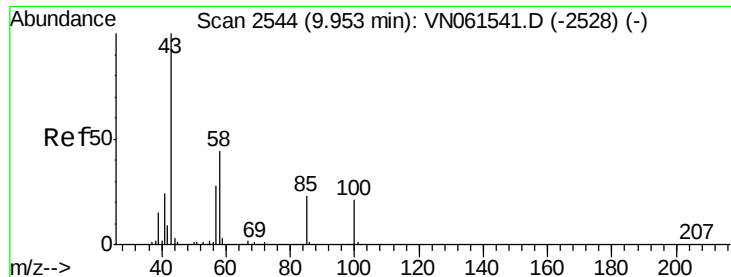
#50
Toluene-d8
Concen: 52.13 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Tgt Ion: 98 Resp: 775737
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



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

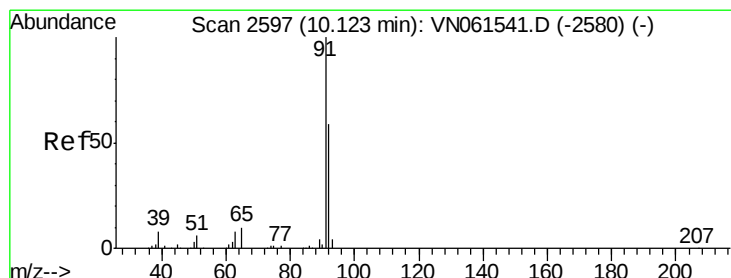
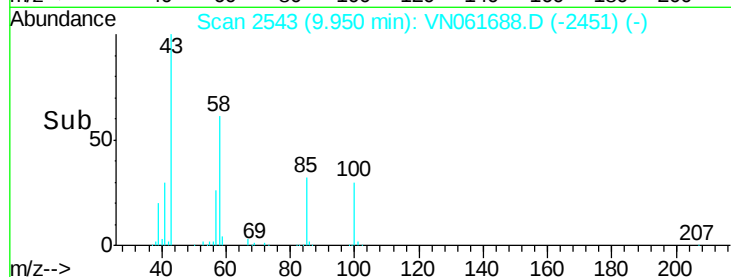
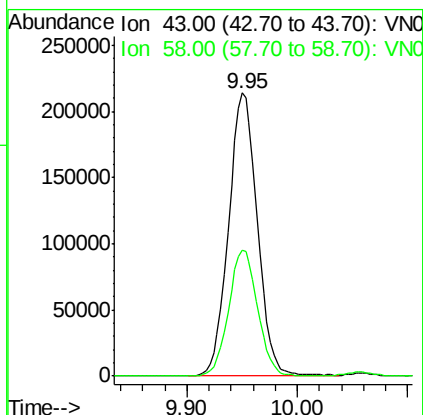
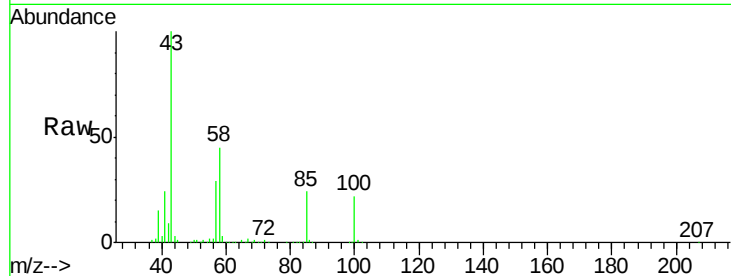




#51
 4-Methyl-2-Pentanone
 Concen: 84.64 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

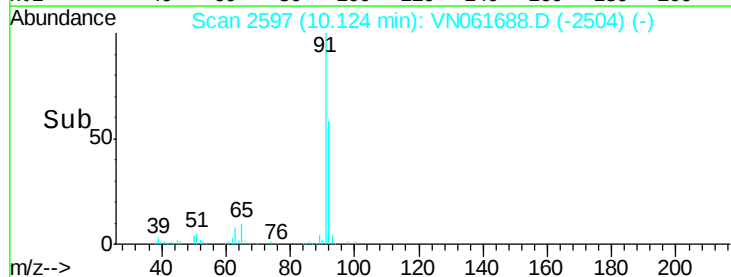
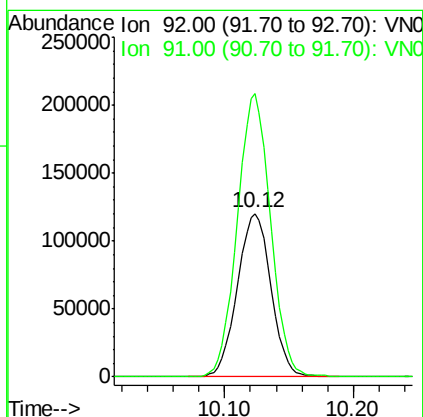
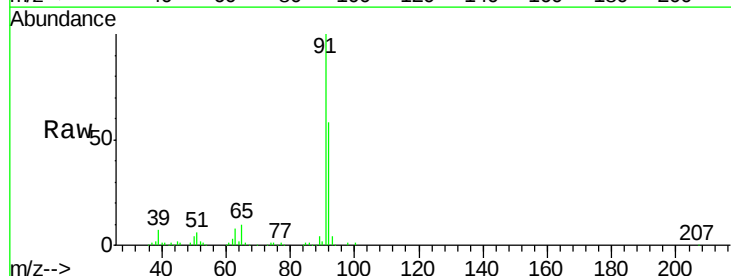
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS01

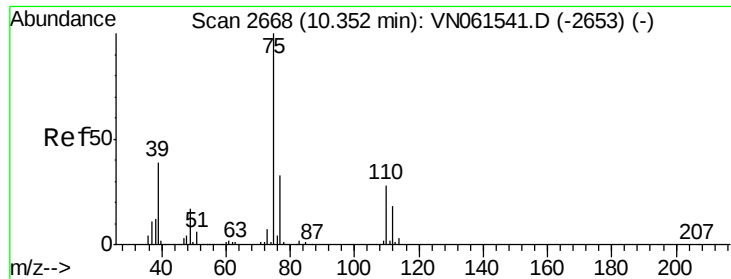
Tgt Ion: 43 Resp: 387303
 Ion Ratio Lower Upper
 43 100
 58 44.8 35.0 52.6



#52
 Toluene
 Concen: 19.37 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

Tgt Ion: 92 Resp: 218549
 Ion Ratio Lower Upper
 92 100
 91 171.8 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 18.66 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

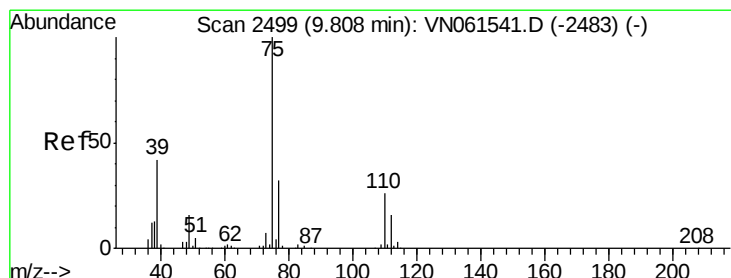
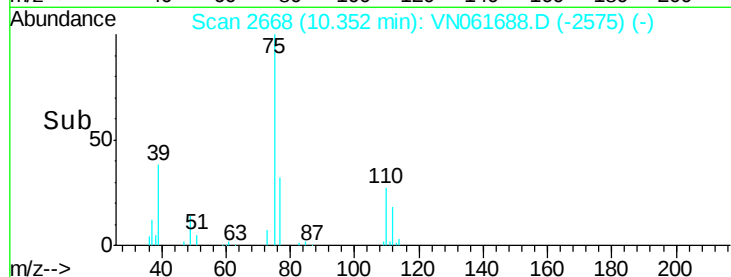
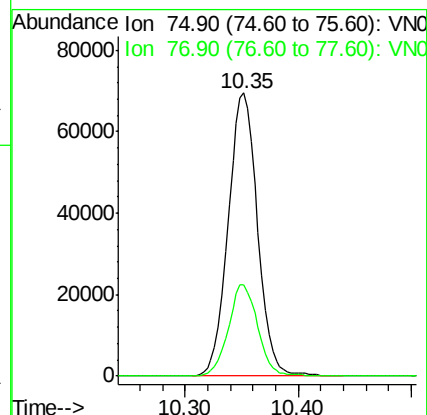
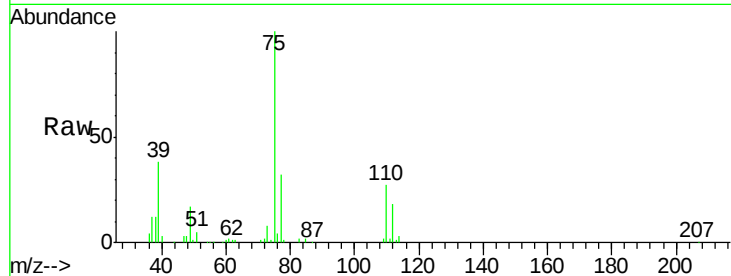
VN0608WBS01

Tgt Ion: 75 Resp: 125409

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 18.80 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

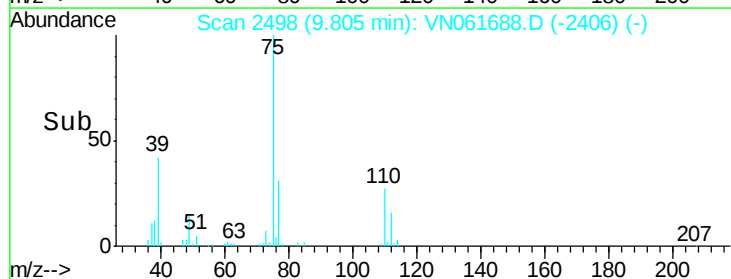
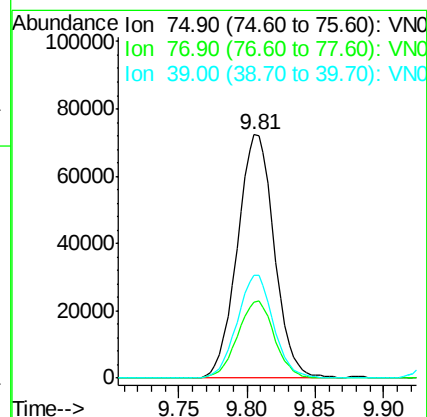
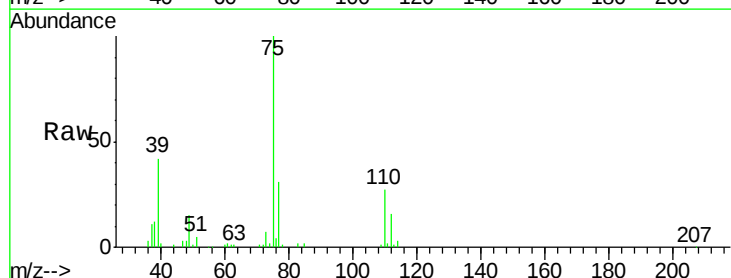
Tgt Ion: 75 Resp: 135832

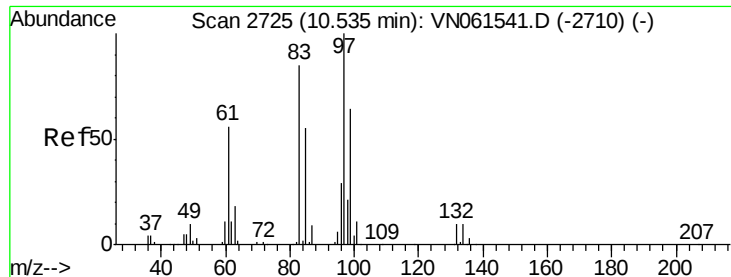
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

39 42.3 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 19.38 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampled :

VN0608WBS01

Tgt Ion: 97 Resp: 87108

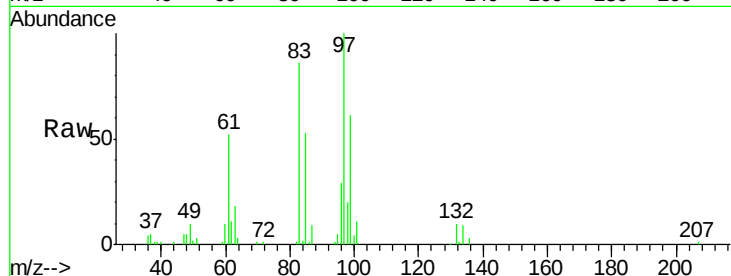
Ion Ratio Lower Upper

97 100

83 86.3 68.1 102.1

85 53.2 44.1 66.1

99 61.3 51.1 76.7

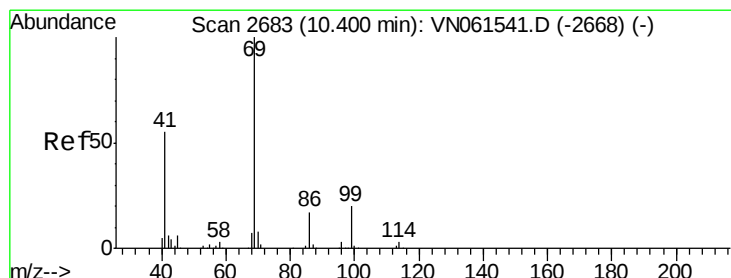
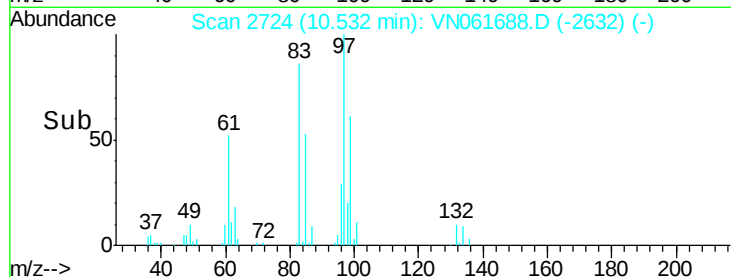
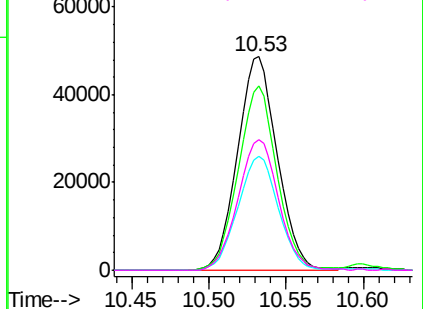


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.73 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

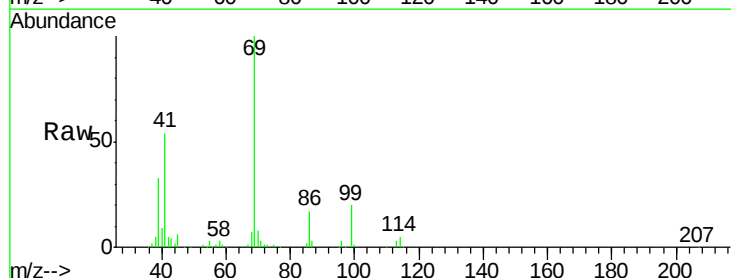
Tgt Ion: 69 Resp: 111346

Ion Ratio Lower Upper

69 100

41 52.4 43.5 65.3

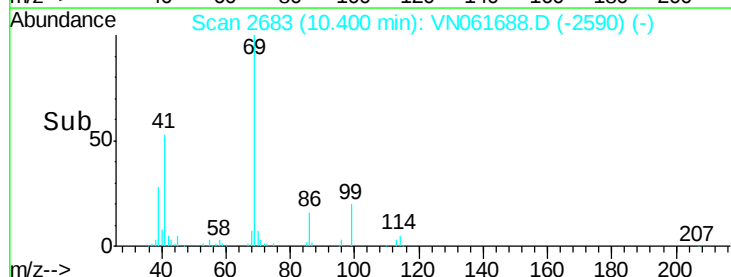
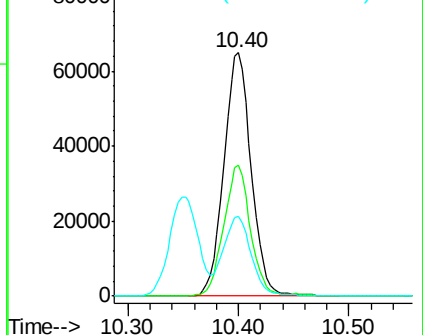
39 33.6 27.0 40.6

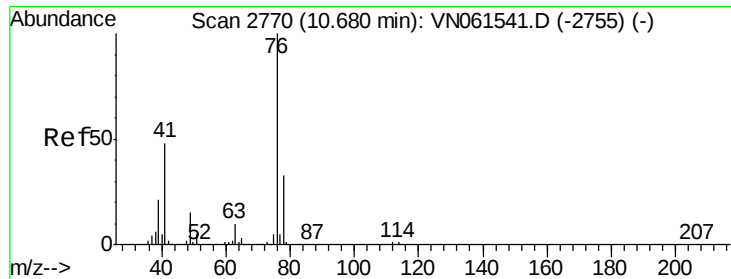


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

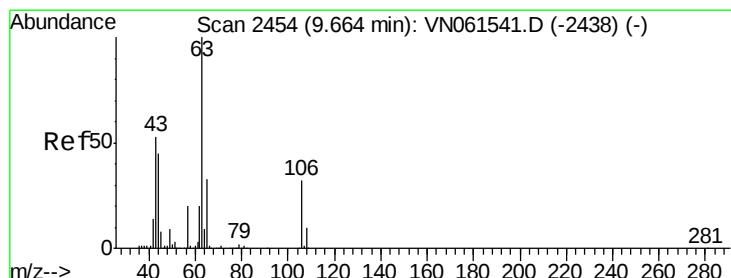
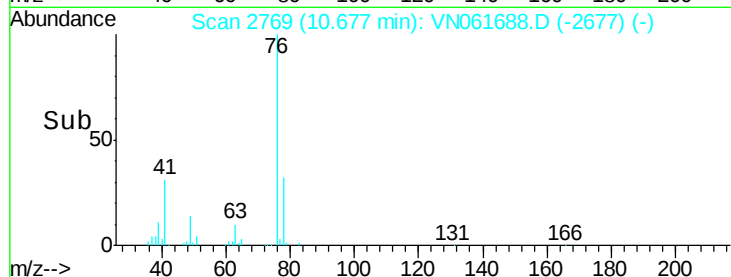
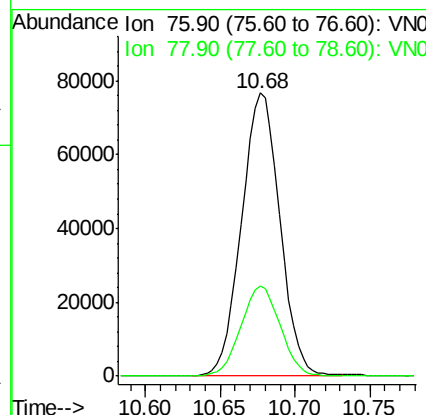
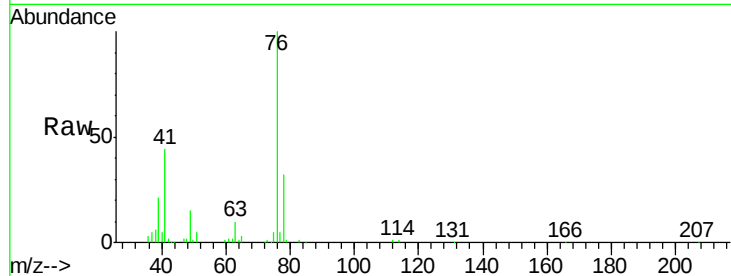




#57
 1,3-Dichloropropane
 Concen: 19.08 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

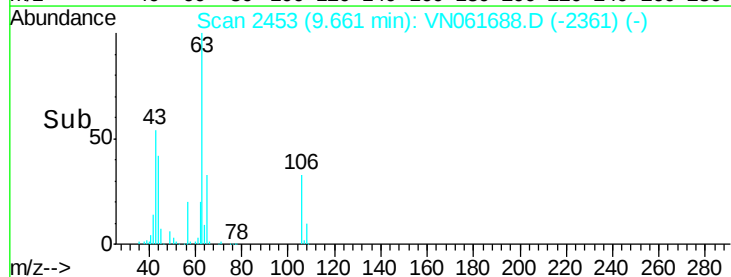
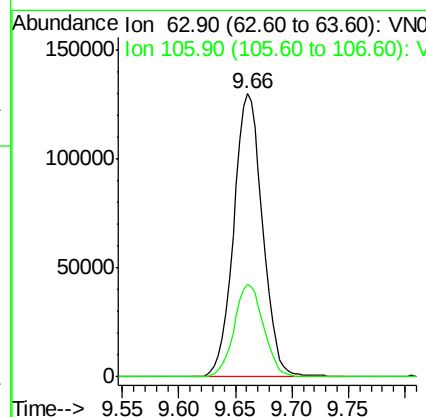
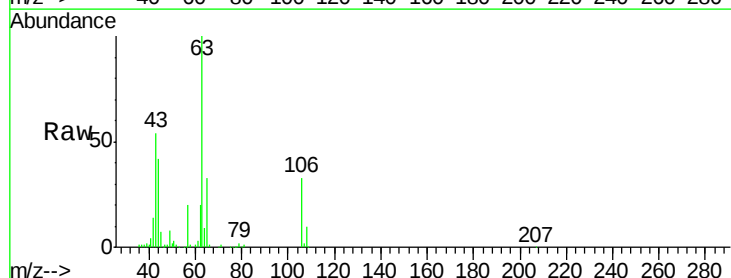
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS01

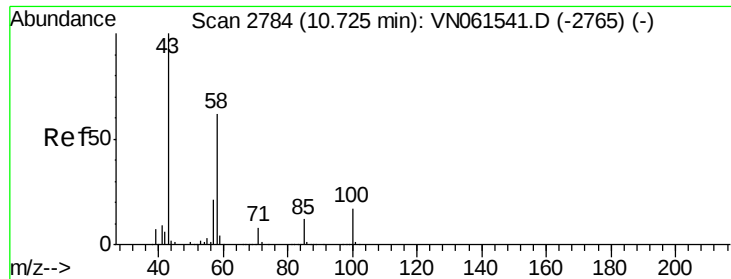
Tgt Ion: 76 Resp: 137184
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.96 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

Tgt Ion: 63 Resp: 230689
 Ion Ratio Lower Upper
 63 100
 106 33.3 25.9 38.9

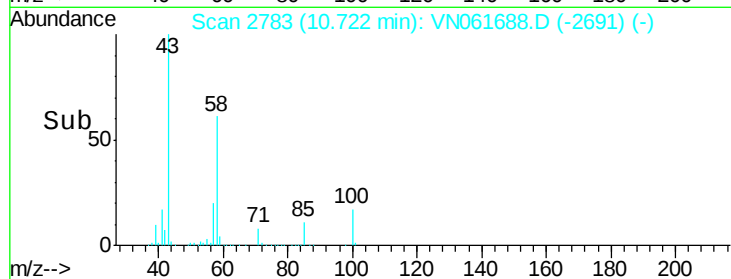
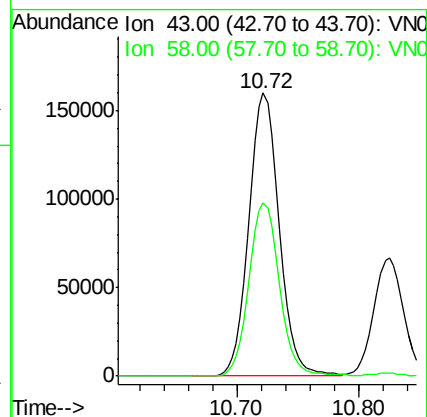
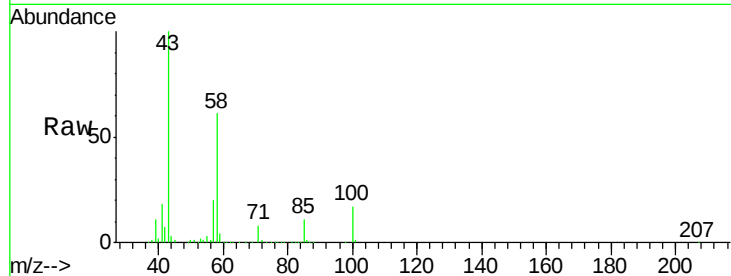




#59
2-Hexanone
Concen: 82.99 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

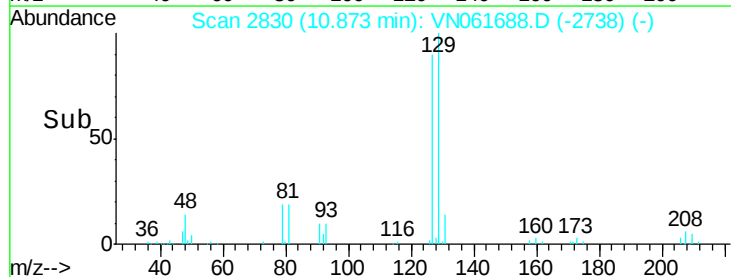
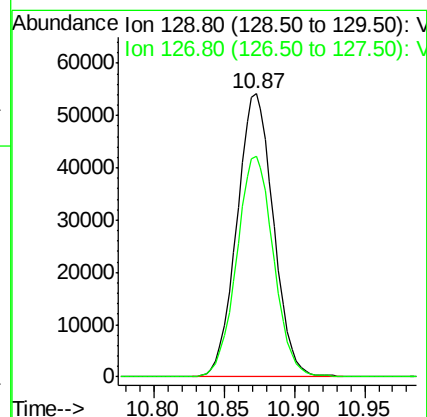
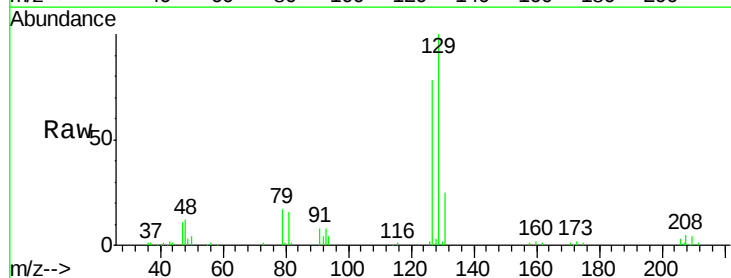
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01

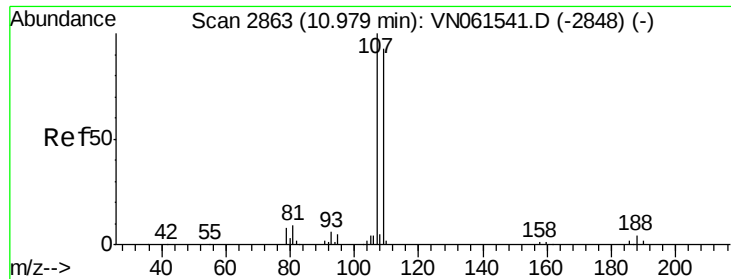
Tgt Ion: 43 Resp: 272718
Ion Ratio Lower Upper
43 100
58 61.7 30.7 92.1



#60
Dibromochloromethane
Concen: 19.25 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Tgt Ion: 129 Resp: 98388
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.35 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampled :

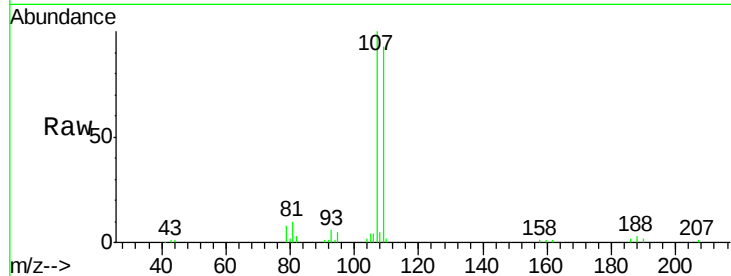
VN0608WBS01

Tgt Ion: 107 Resp: 90731

Ion Ratio Lower Upper

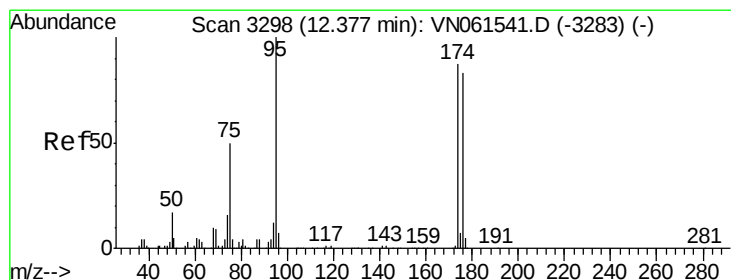
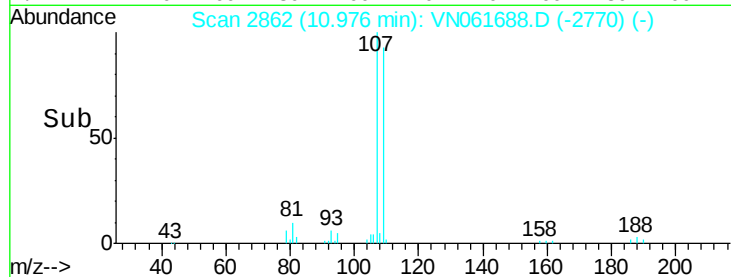
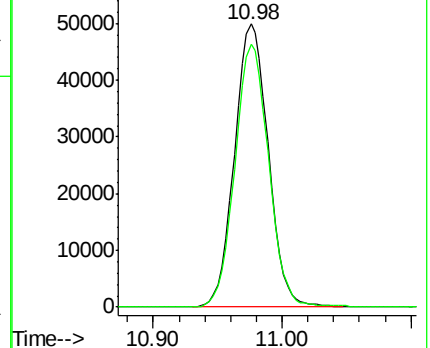
107 100

109 92.5 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.28 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

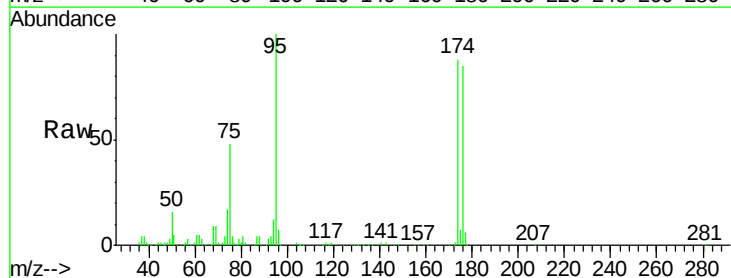
Tgt Ion: 95 Resp: 272963

Ion Ratio Lower Upper

95 100

174 88.9 0.0 172.8

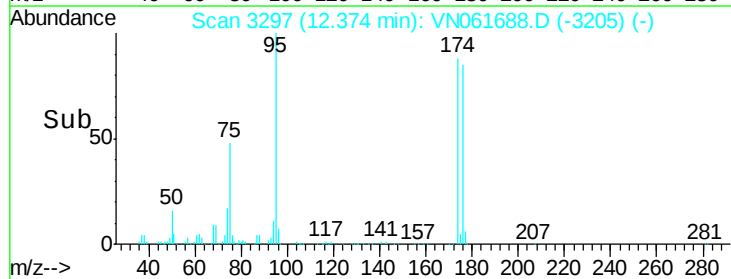
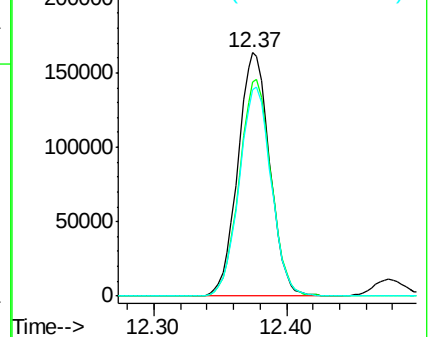
176 86.2 0.0 164.8

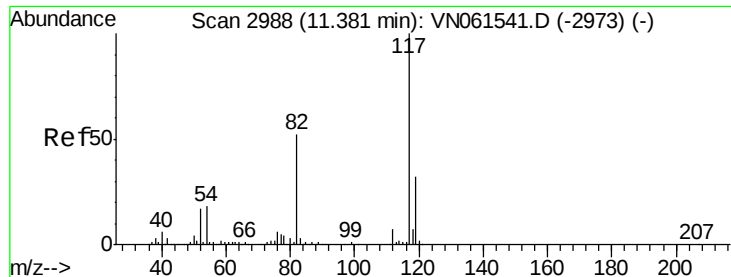


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

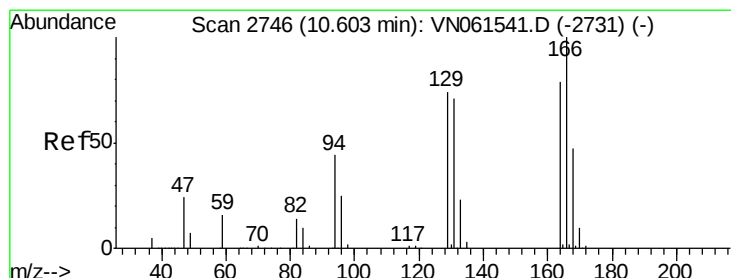
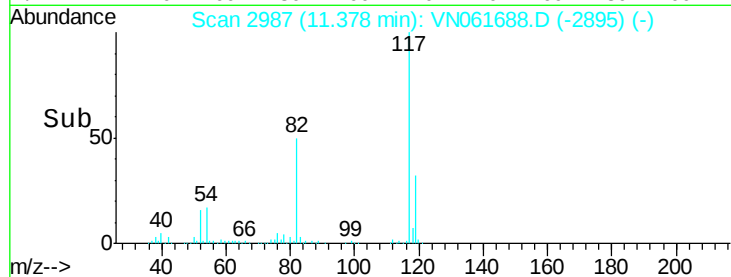
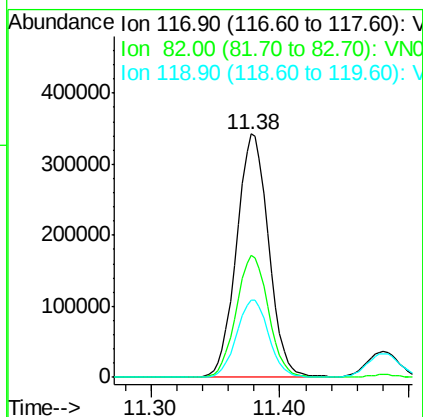
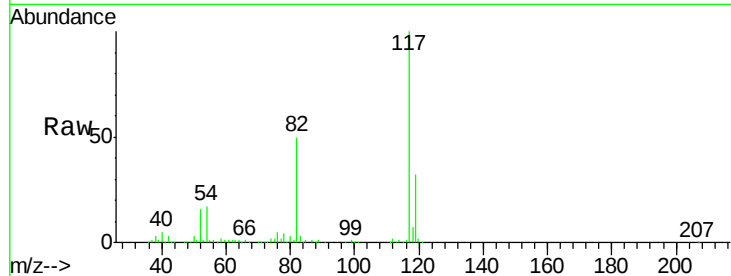




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

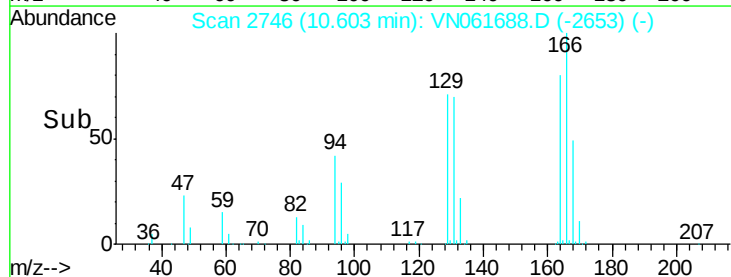
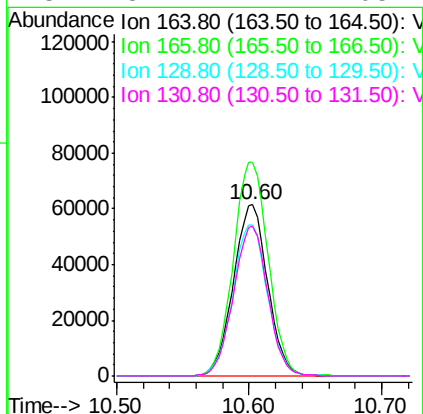
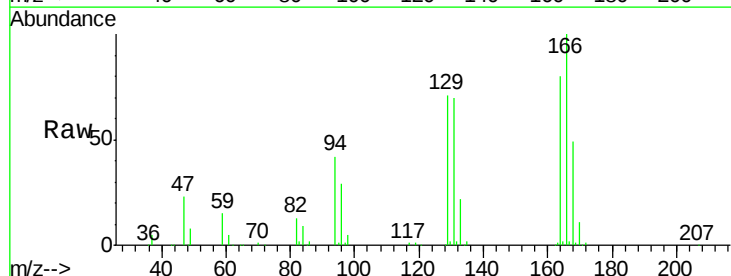
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01

Tgt Ion:117 Resp: 592972
Ion Ratio Lower Upper
117 100
82 50.2 41.5 62.3
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 19.75 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Tgt Ion:164 Resp: 110261
Ion Ratio Lower Upper
164 100
166 124.6 101.5 152.3
129 88.0 74.9 112.3
131 87.1 72.2 108.2

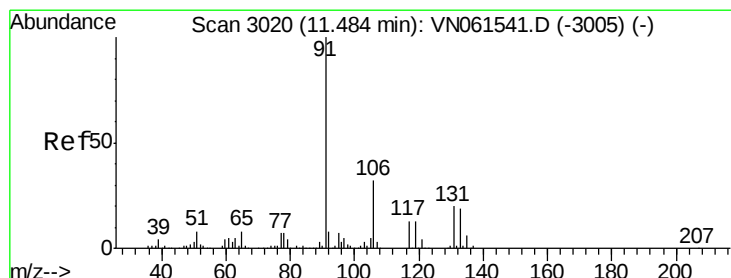
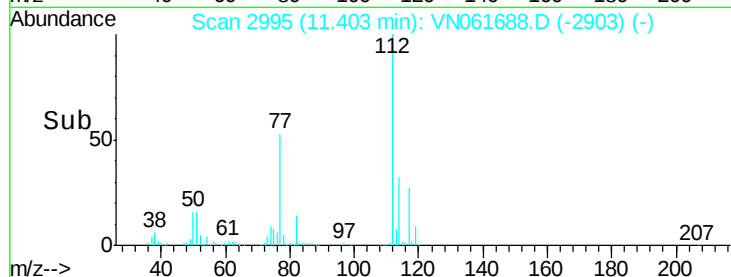
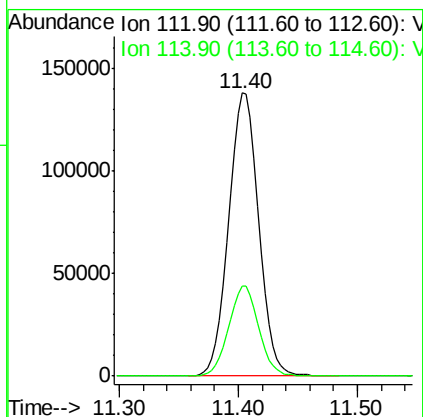
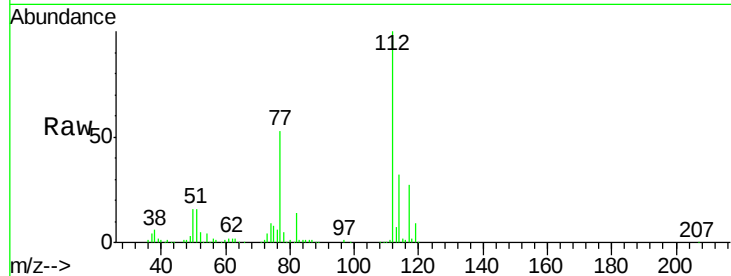




#65
Chlorobenzene
Concen: 19.61 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

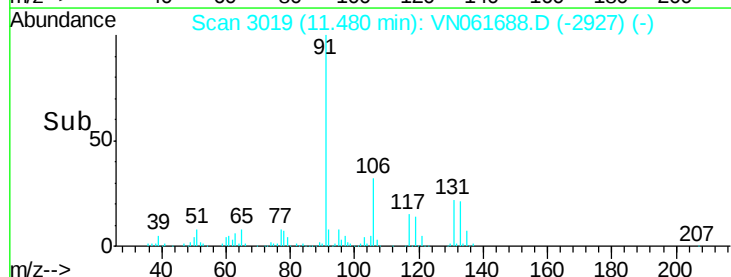
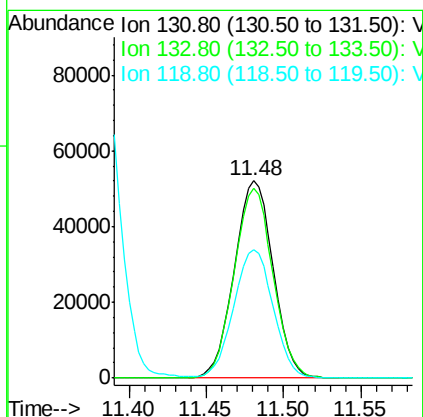
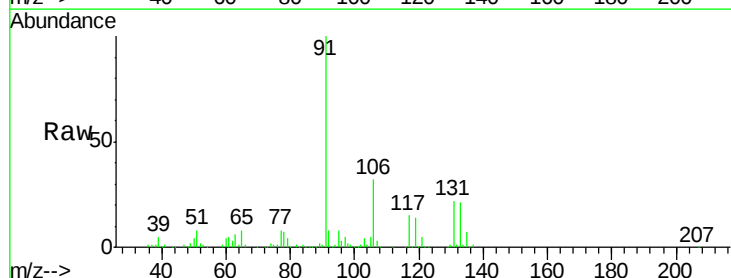
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01

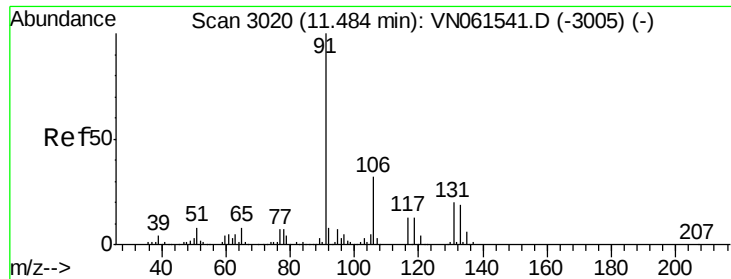
Tgt Ion:112 Resp: 241761
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.83 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Tgt Ion:131 Resp: 91028
Ion Ratio Lower Upper
131 100
133 96.5 47.4 142.2
119 66.1 32.6 97.8

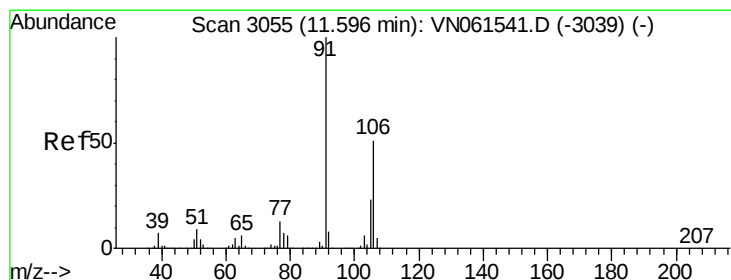
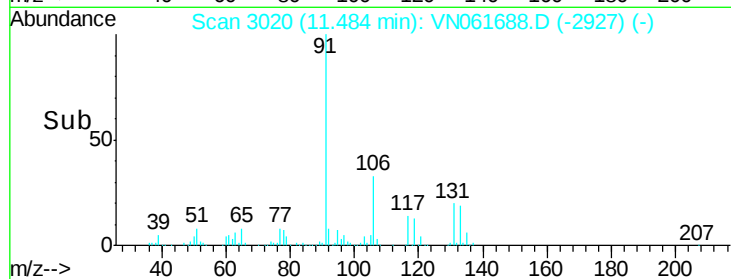
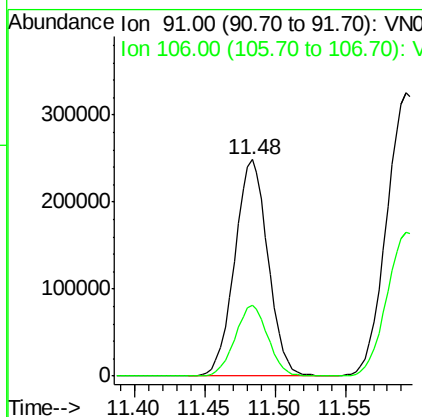
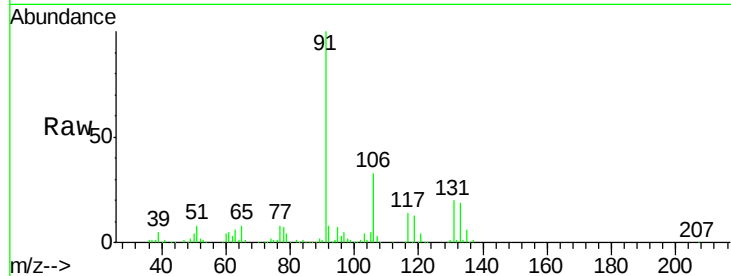




#67
Ethyl Benzene
Concen: 19.33 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

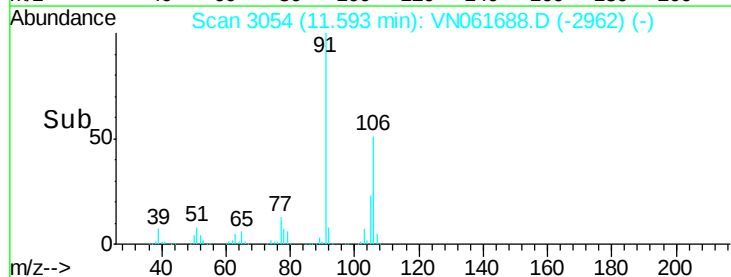
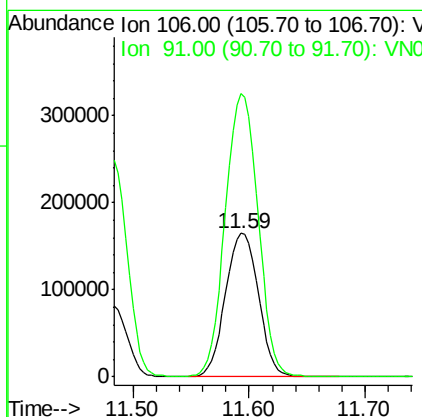
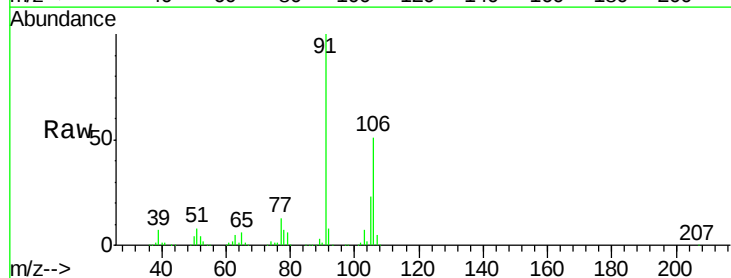
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01

Tgt Ion: 91 Resp: 411807
Ion Ratio Lower Upper
91 100
106 32.6 25.6 38.4



#68
m/p-Xylenes
Concen: 38.54 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Tgt Ion: 106 Resp: 325560
Ion Ratio Lower Upper
106 100
91 195.1 156.2 234.4

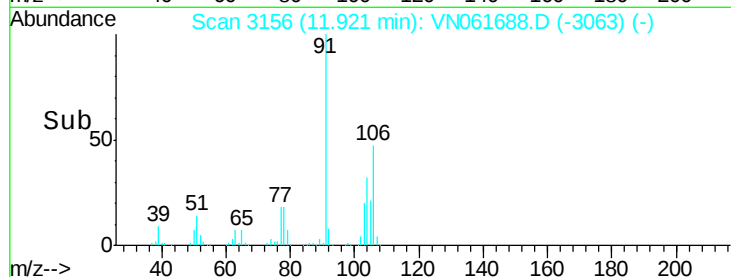
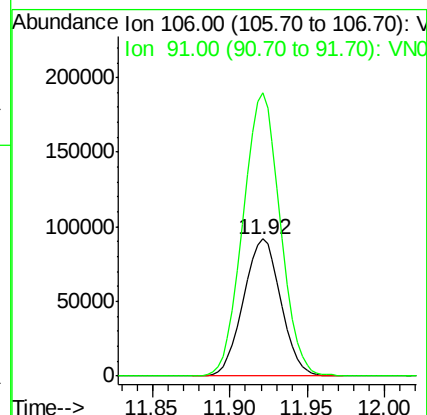
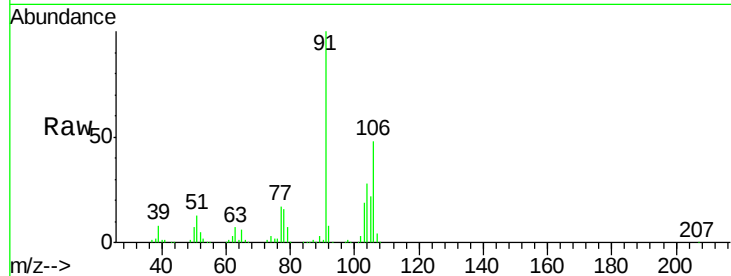




#69
o-Xylene
Concen: 19.29 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

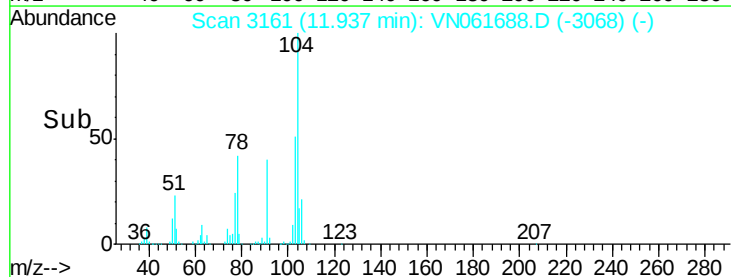
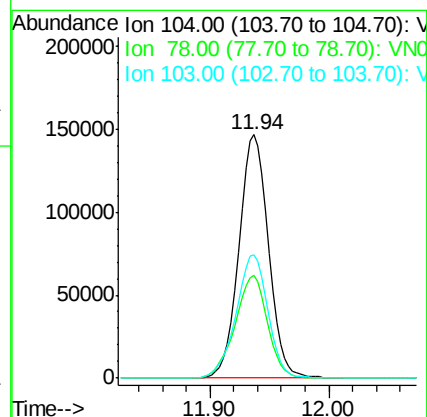
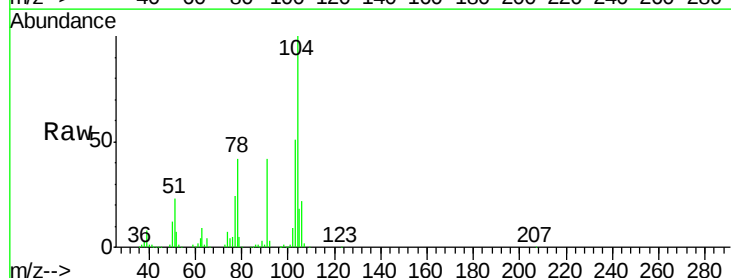
Instrument :
MSVOA_N
ClientSampled :
VN0608WBS01

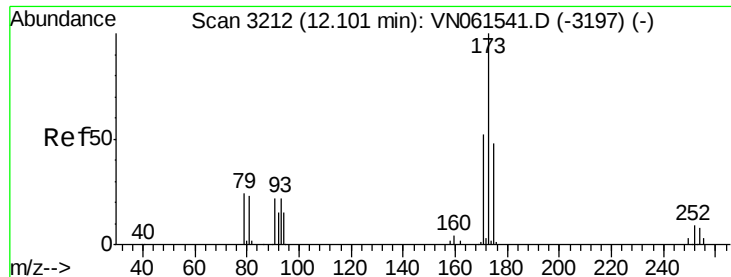
Tgt Ion:106 Resp: 154790
Ion Ratio Lower Upper
106 100
91 205.5 103.3 309.8



#70
Styrene
Concen: 19.00 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Tgt Ion:104 Resp: 252490
Ion Ratio Lower Upper
104 100
78 46.4 37.4 56.0
103 54.7 42.3 63.5

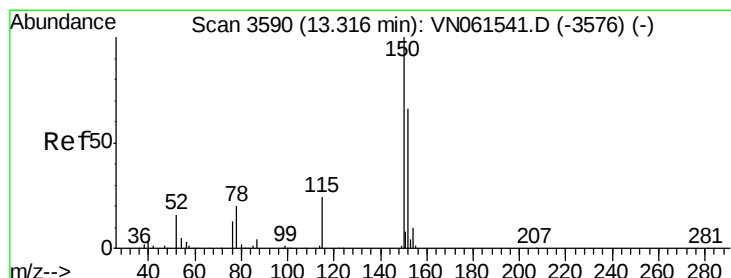
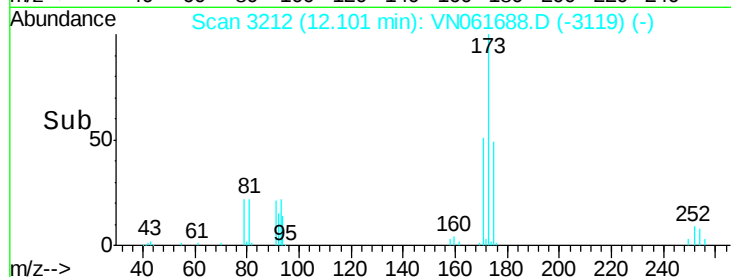
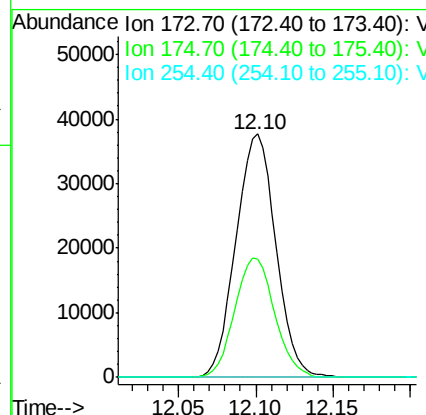
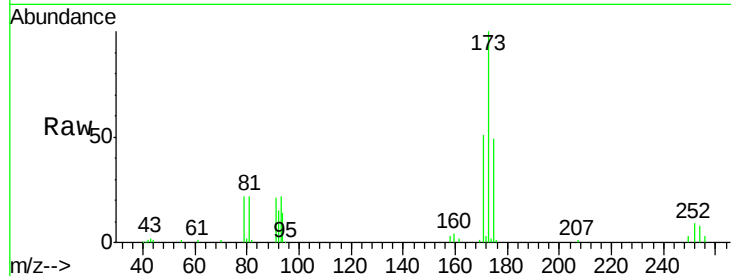




#71
Bromoform
Concen: 19.08 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

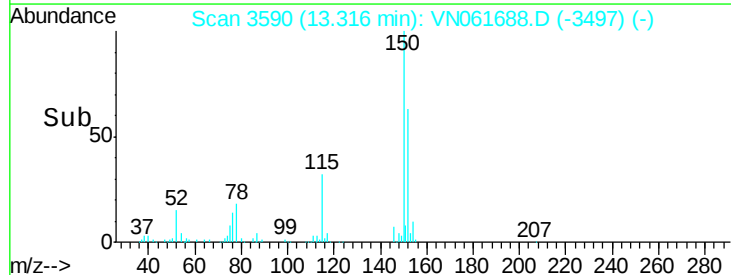
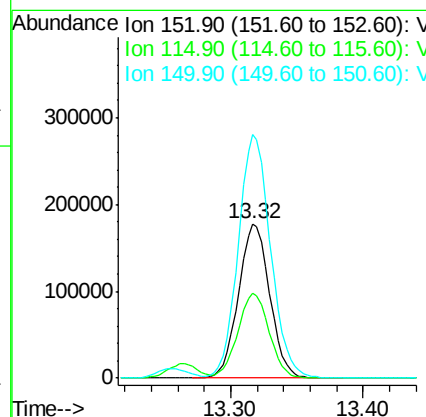
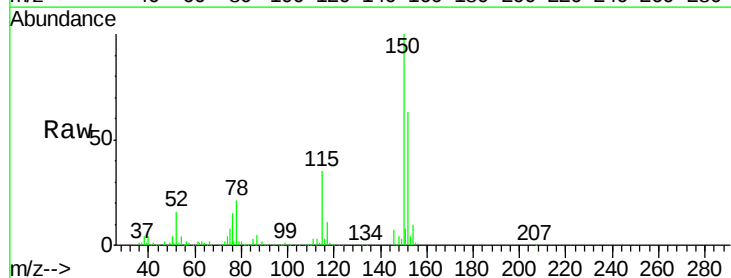
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01

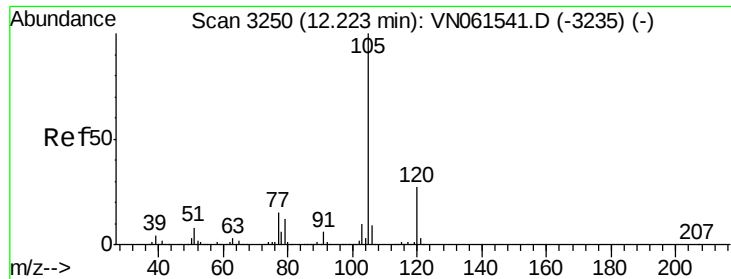
Tgt Ion:173 Resp: 67481
Ion Ratio Lower Upper
173 100
175 49.0 24.4 73.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Tgt Ion:152 Resp: 290083
Ion Ratio Lower Upper
152 100
115 55.0 28.0 84.0
150 163.1 0.0 344.0





#73

Isopropylbenzene

Concen: 19.45 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

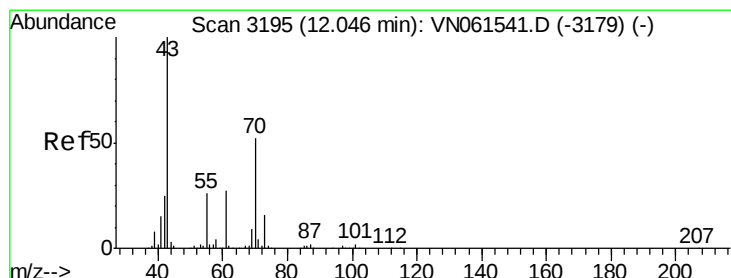
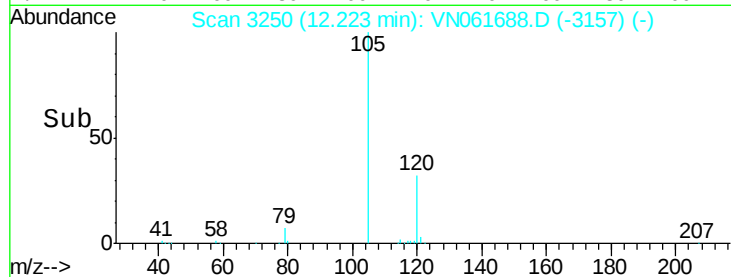
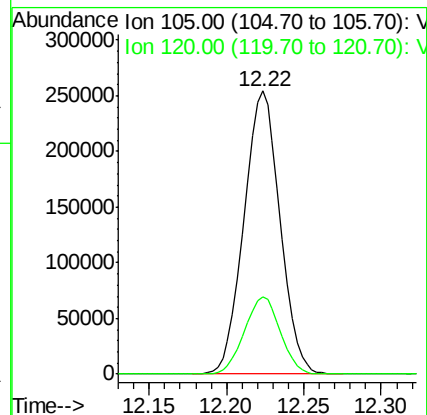
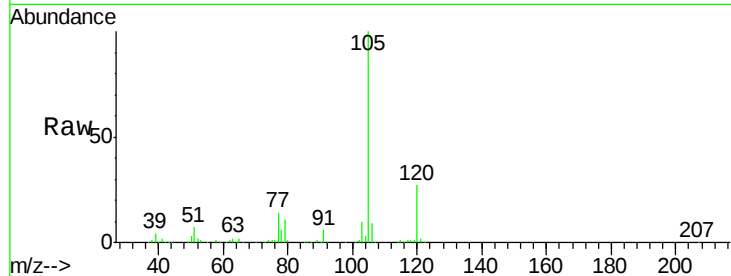
VN0608WBS01

Tgt Ion:105 Resp: 411862

Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.3



#74

N-ethyl acetate

Concen: 16.51 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Tgt Ion: 43 Resp: 110082

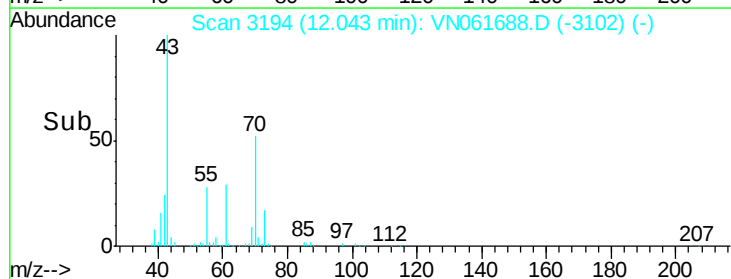
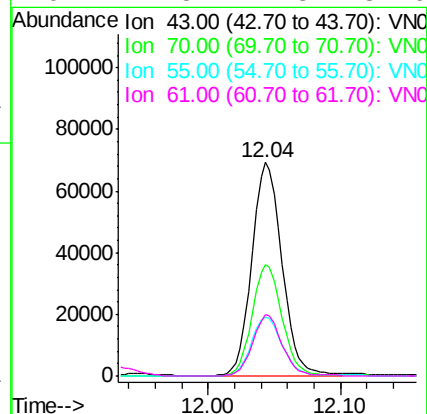
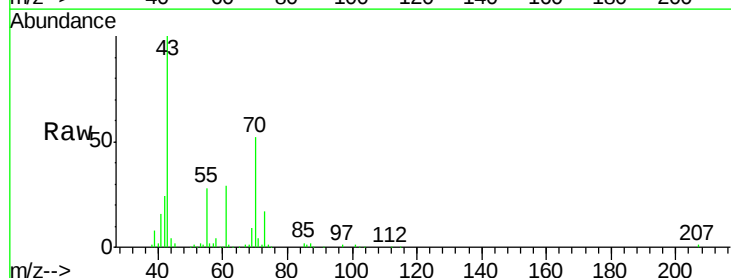
Ion Ratio Lower Upper

43 100

70 52.0 40.5 60.7

55 28.1 20.6 31.0

61 27.8 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.27 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01

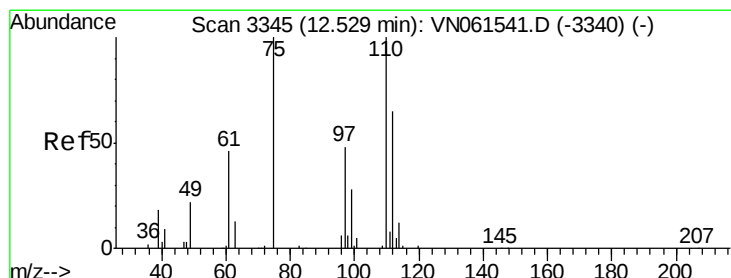
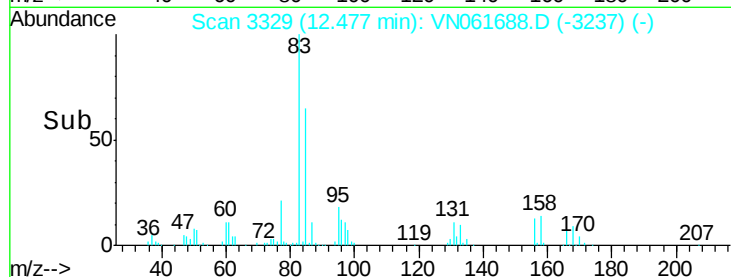
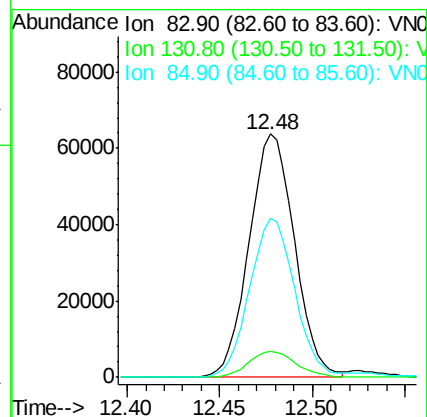
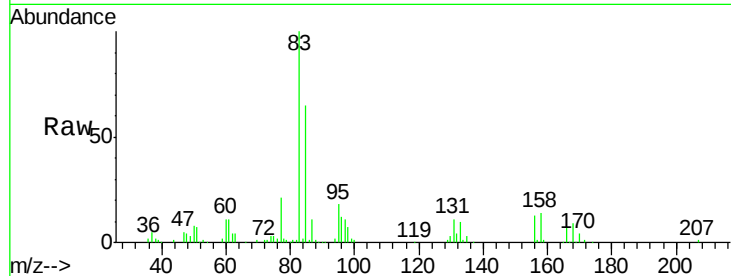
Tgt Ion: 83 Resp: 108377

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.5

85 65.0 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 25.55 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061688.D

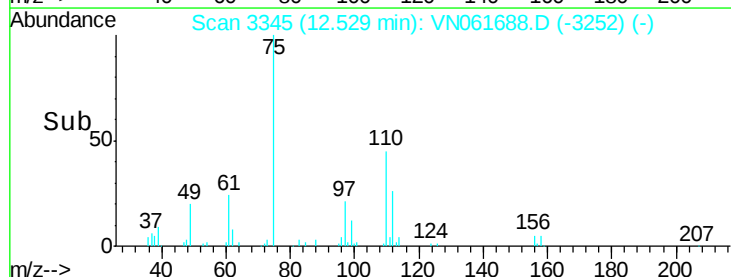
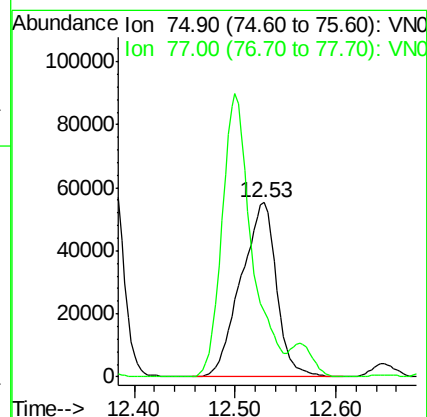
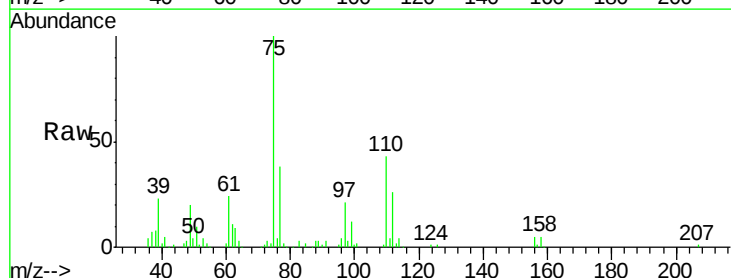
Acq: 8 Jun 2020 12:03

Tgt Ion: 75 Resp: 134751

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.64 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01

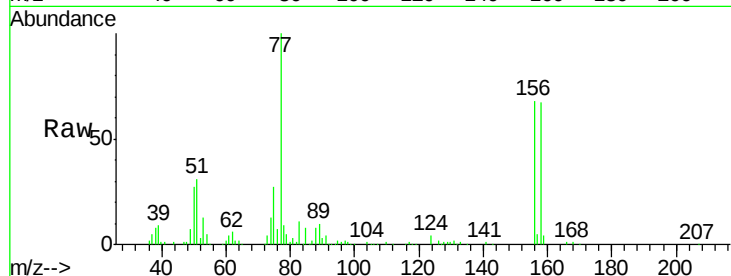
Tgt Ion:156 Resp: 106147

Ion Ratio Lower Upper

156 100

77 173.7 90.9 272.7

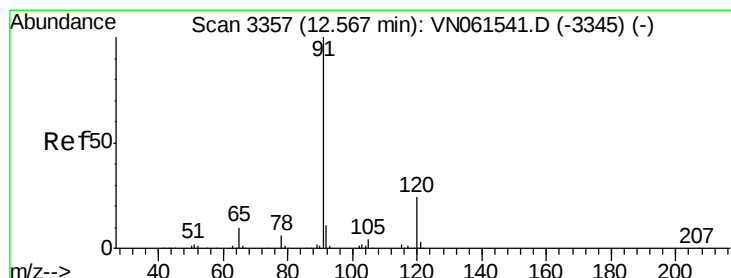
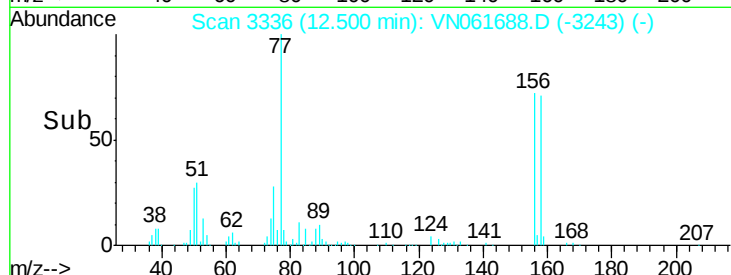
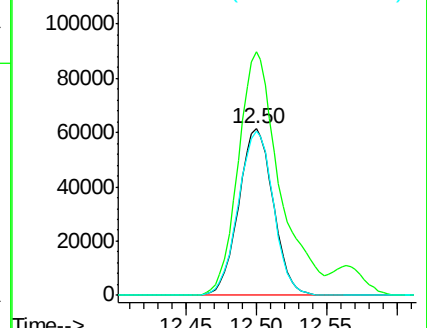
158 99.7 48.4 145.3



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: 19.05 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061688.D

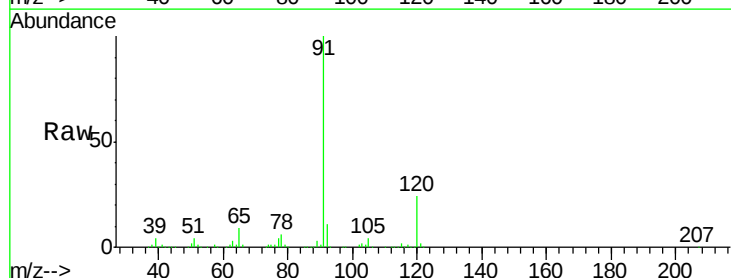
Acq: 8 Jun 2020 12:03

Tgt Ion: 91 Resp: 450153

Ion Ratio Lower Upper

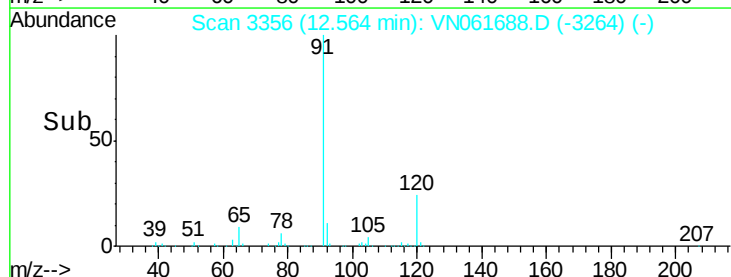
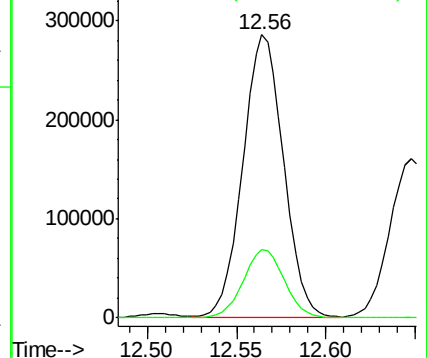
91 100

120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.00 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampled :

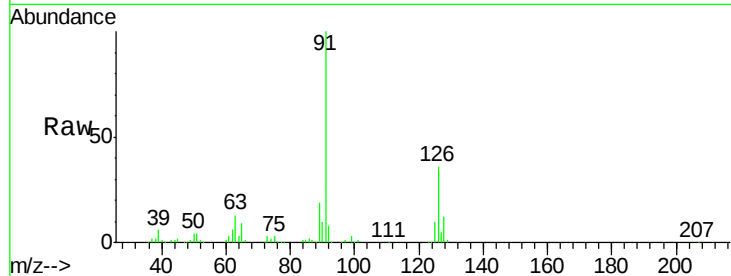
VN0608WBS01

Tgt Ion: 91 Resp: 267764

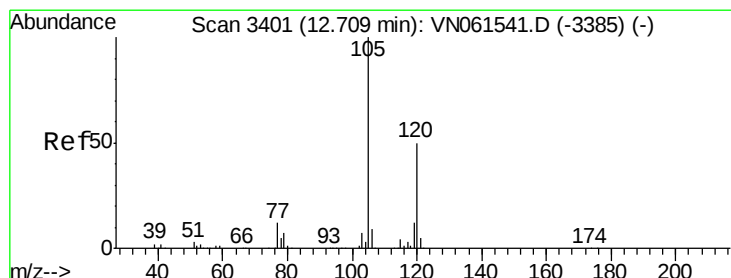
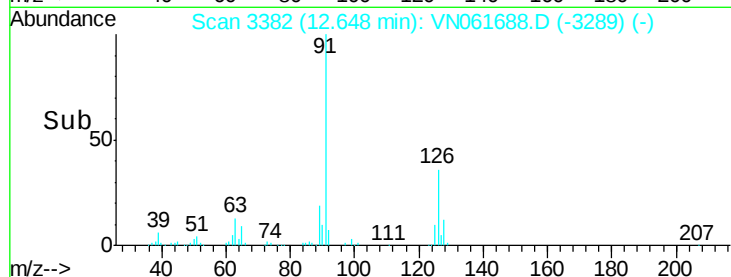
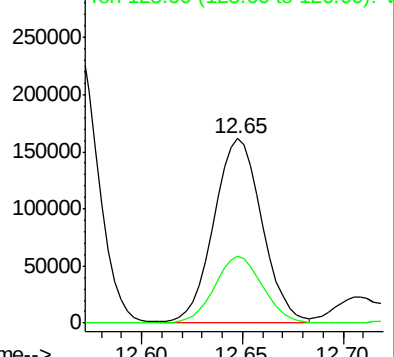
Ion Ratio Lower Upper

91 100

126 36.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.31 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061688.D

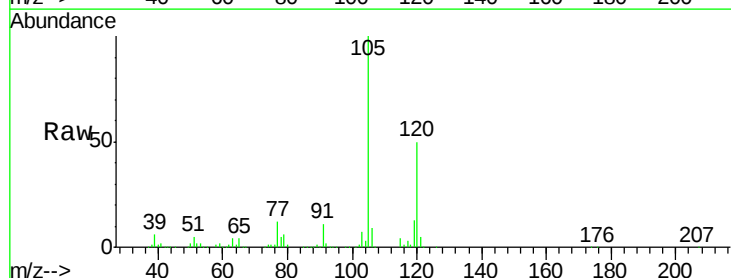
Acq: 8 Jun 2020 12:03

Tgt Ion: 105 Resp: 341695

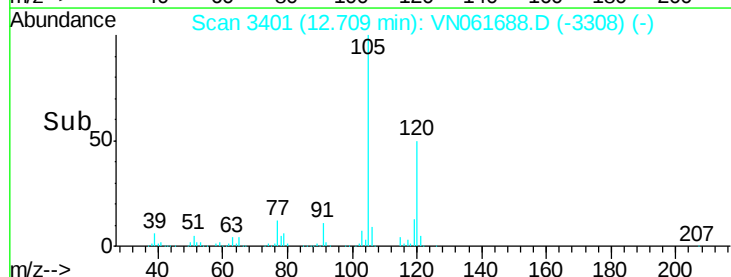
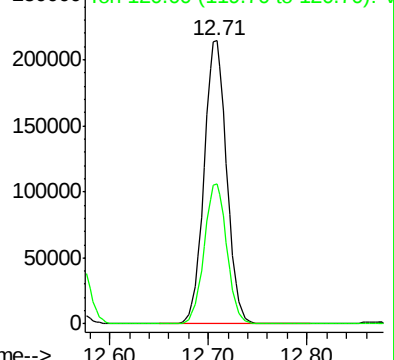
Ion Ratio Lower Upper

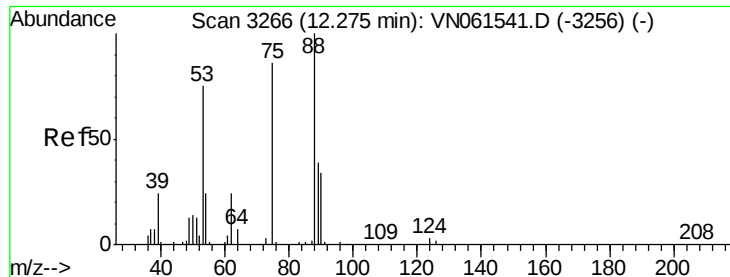
105 100

120 49.6 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.75 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01

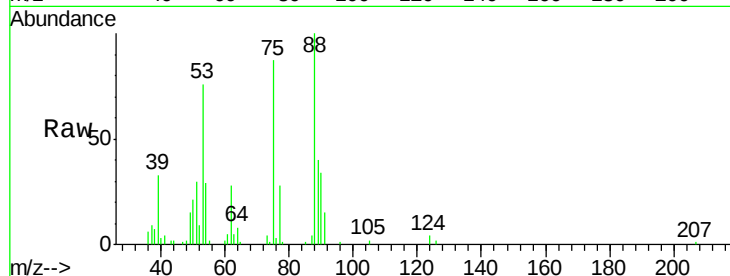
Tgt Ion: 75 Resp: 34550

Ion Ratio Lower Upper

75 100

53 84.9 67.8 101.8

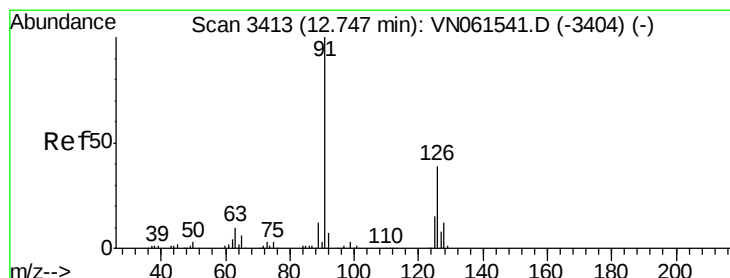
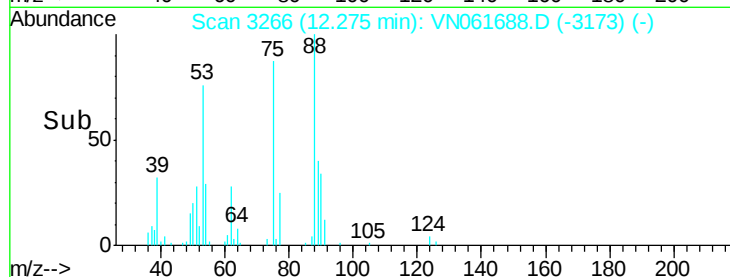
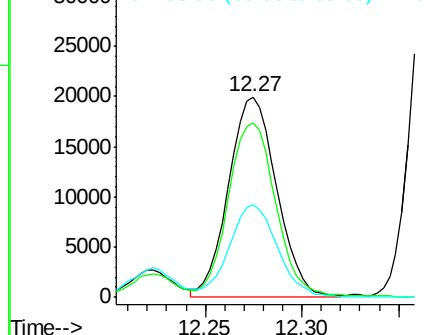
89 46.5 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.66 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061688.D

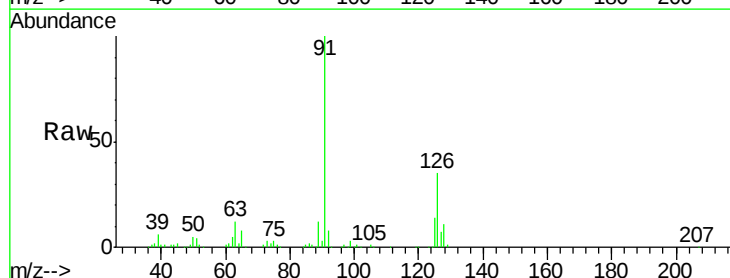
Acq: 8 Jun 2020 12:03

Tgt Ion: 91 Resp: 276676

Ion Ratio Lower Upper

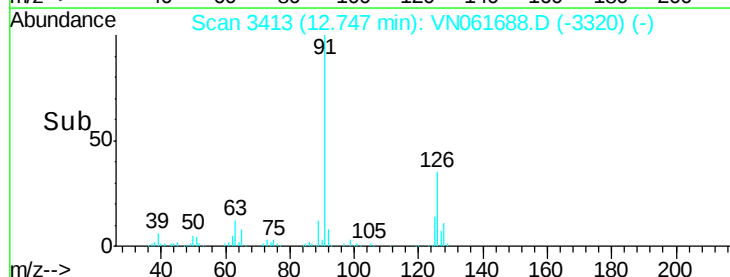
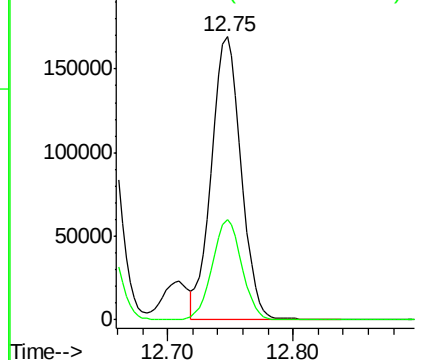
91 100

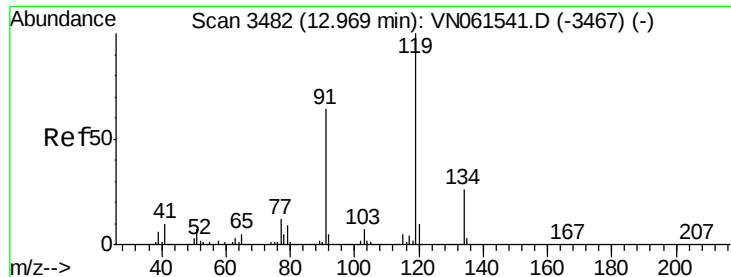
126 35.5 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

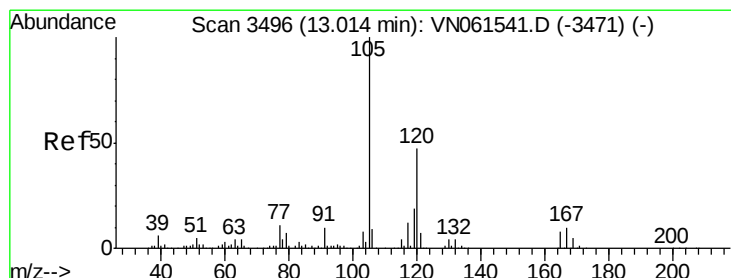
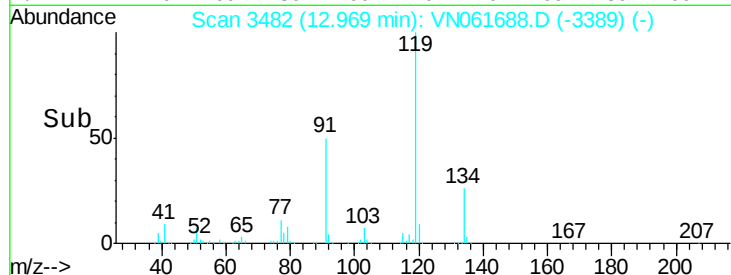
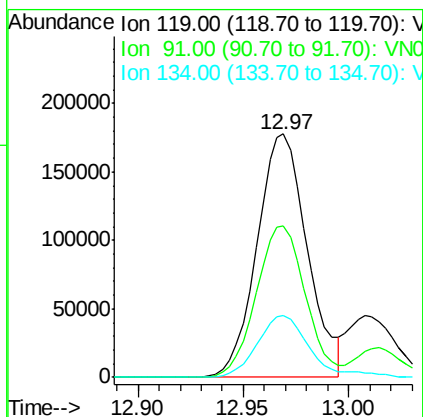
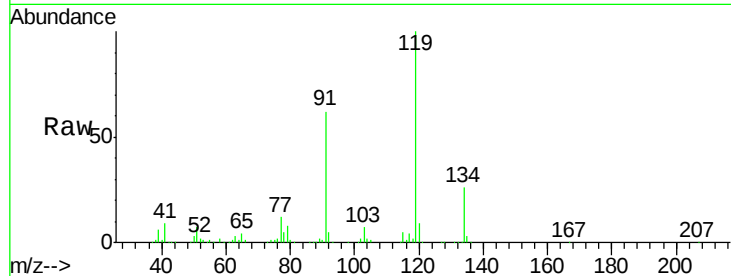




#83
 tert-Butylbenzene
 Concen: 18.82 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

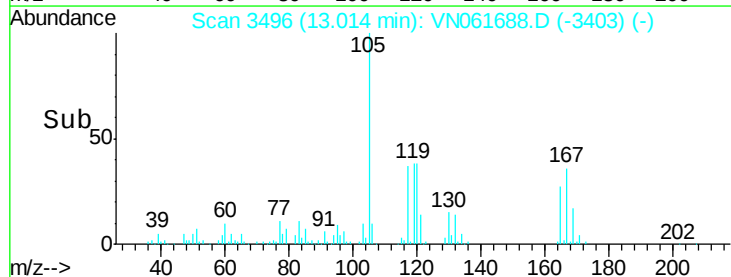
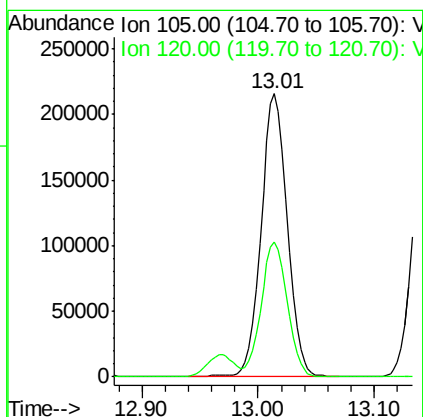
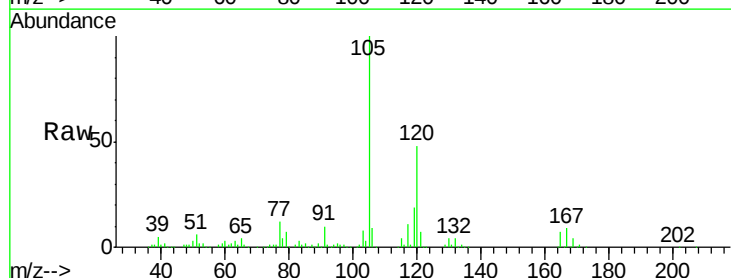
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS01

Tgt Ion:119 Resp: 294294
 Ion Ratio Lower Upper
 119 100
 91 60.8 31.3 93.8
 134 26.6 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.31 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

Tgt Ion:105 Resp: 339506
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 18.69 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampled :

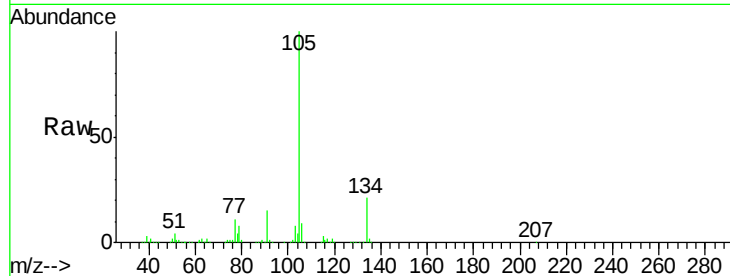
VN0608WBS01

Tgt Ion:105 Resp: 376462

Ion Ratio Lower Upper

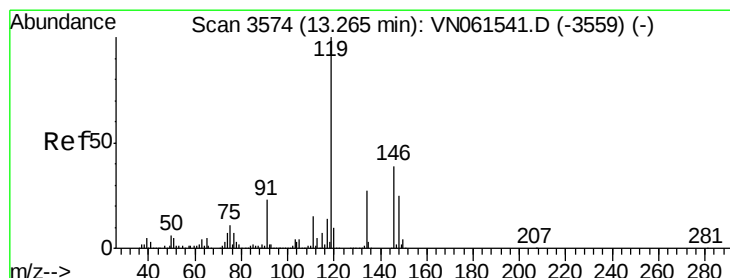
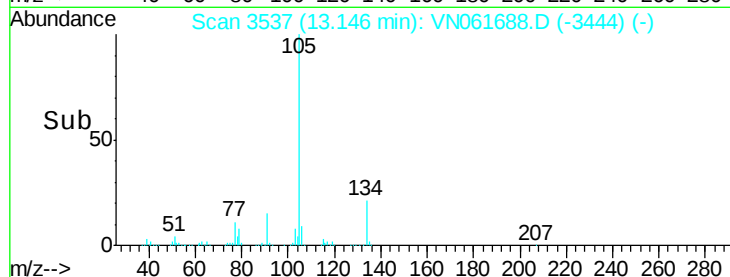
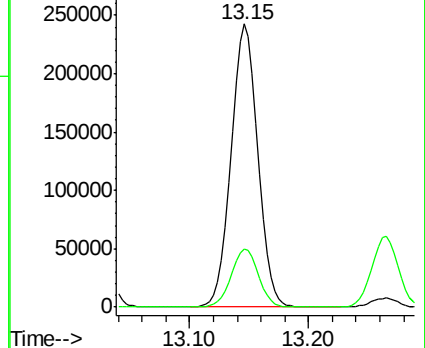
105 100

134 21.0 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.06 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

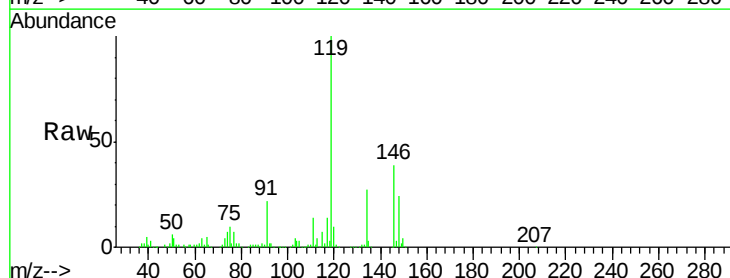
Tgt Ion:119 Resp: 353647

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.5

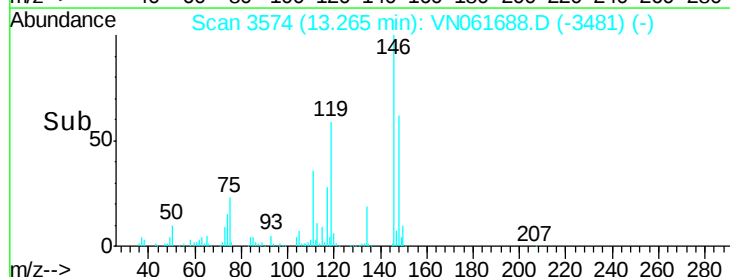
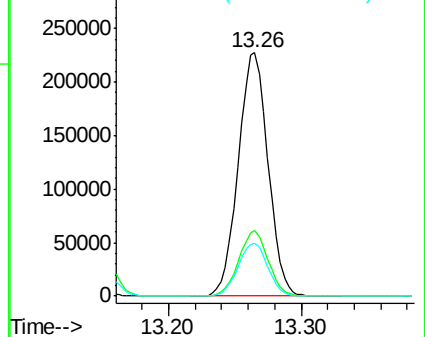
91 21.9 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

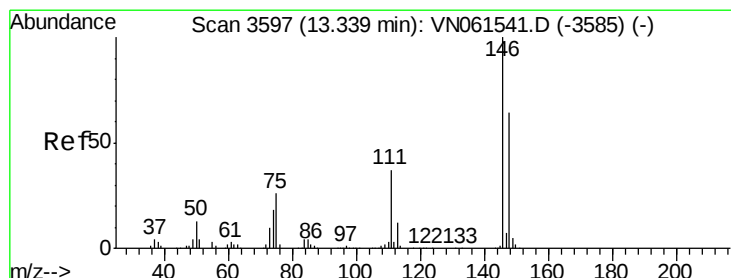
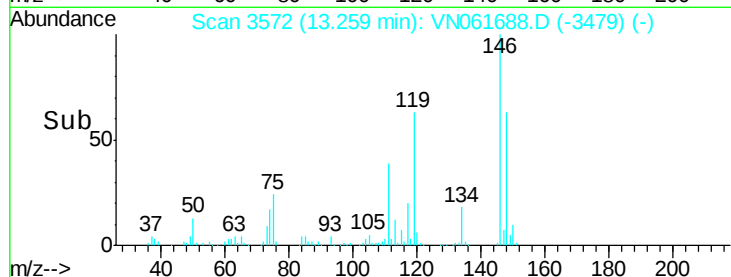
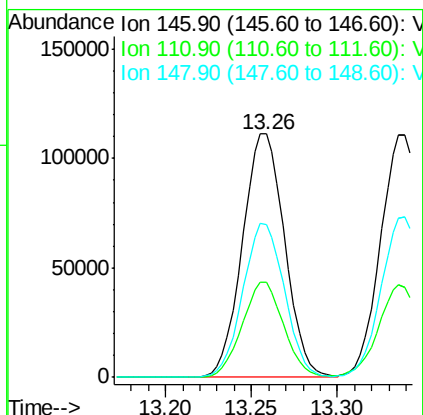
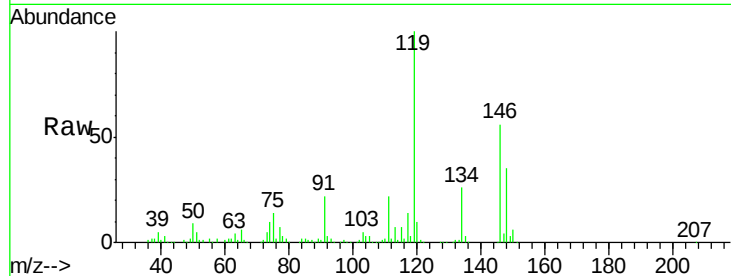




#87
 1,3-Dichlorobenzene
 Concen: 19.77 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

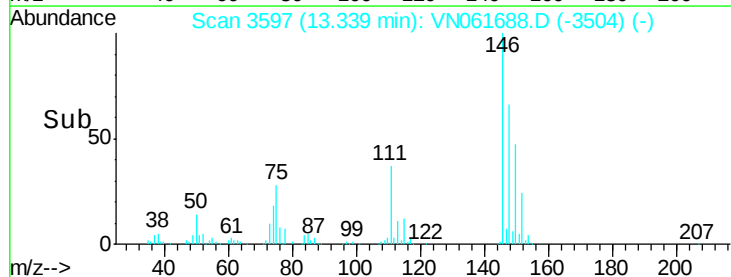
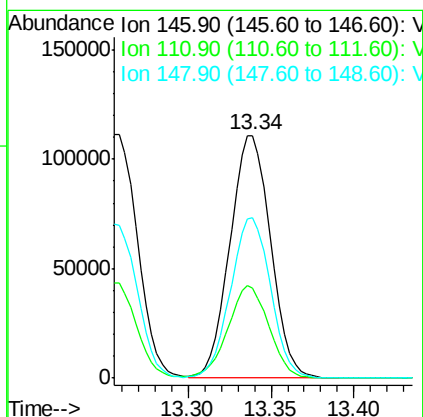
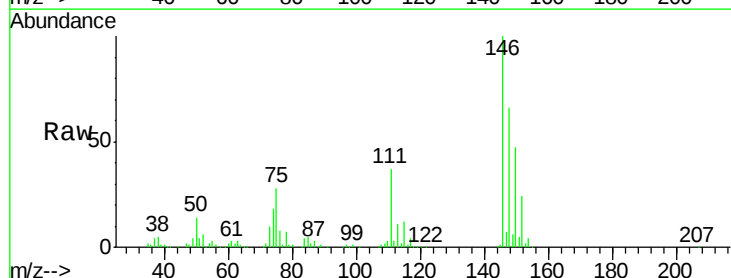
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS01

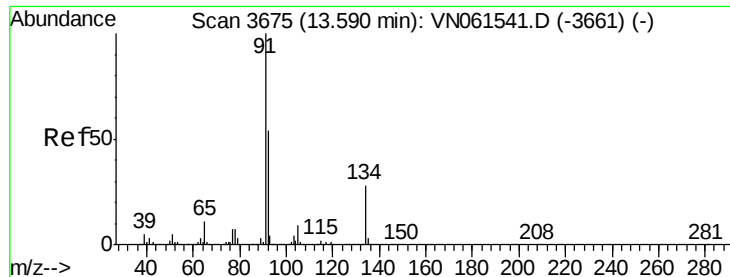
Tgt Ion:146 Resp: 189230
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.2 57.6
 148 62.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.30 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

Tgt Ion:146 Resp: 188143
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.9
 148 65.7 31.8 95.3

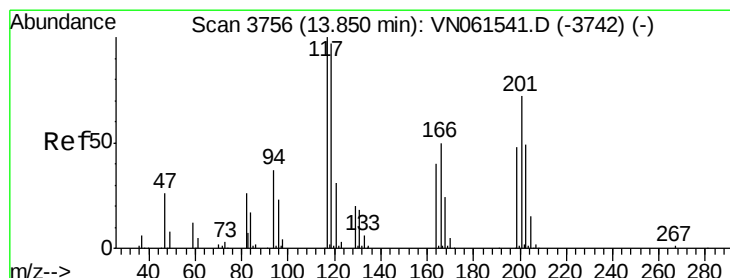
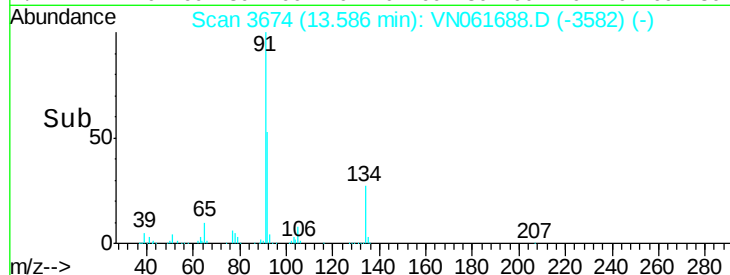
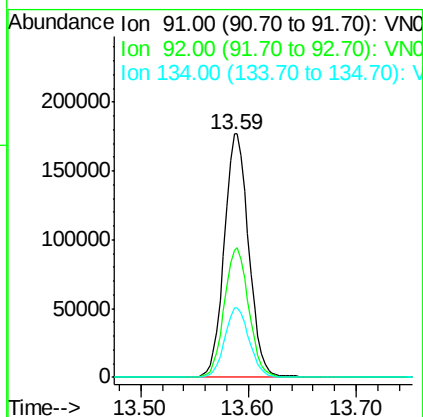
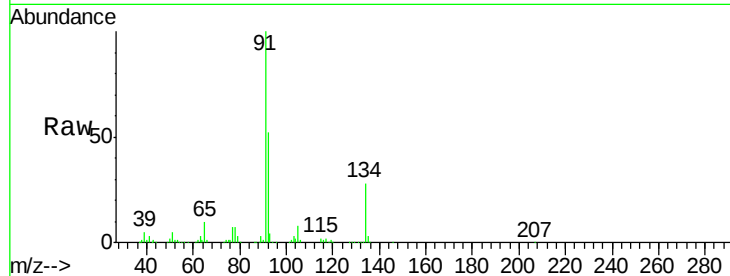




#89
n-Butylbenzene
Concen: 17.99 ug/l
RT: 13.59 min Scan# 3674
Delta R.T. -0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

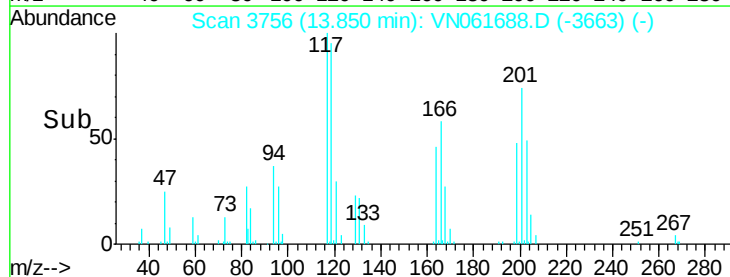
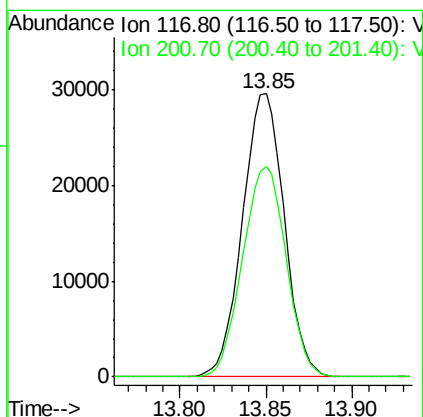
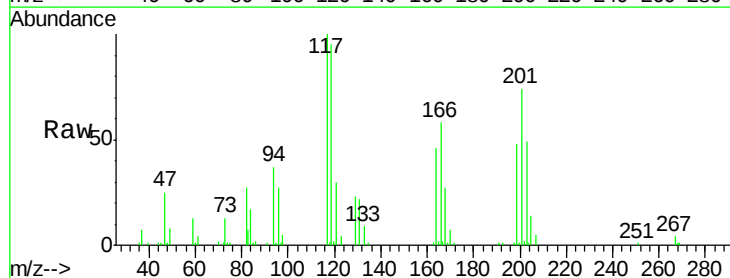
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01

Tgt Ion: 91 Resp: 279519
Ion Ratio Lower Upper
91 100
92 52.9 27.2 81.6
134 28.6 14.0 42.0



#90
Hexachloroethane
Concen: 24.30 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061688.D
Acq: 8 Jun 2020 12:03

Tgt Ion: 117 Resp: 49865
Ion Ratio Lower Upper
117 100
201 77.4 36.7 110.1

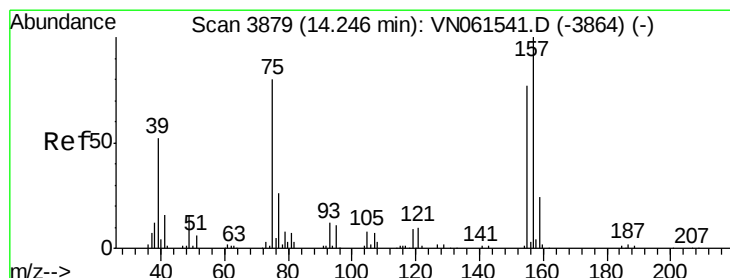
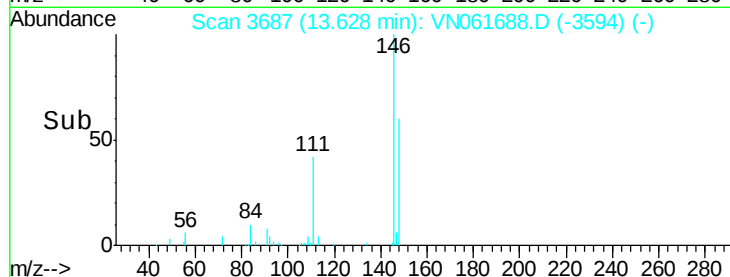
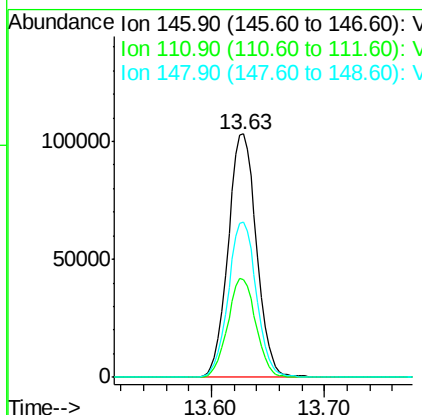
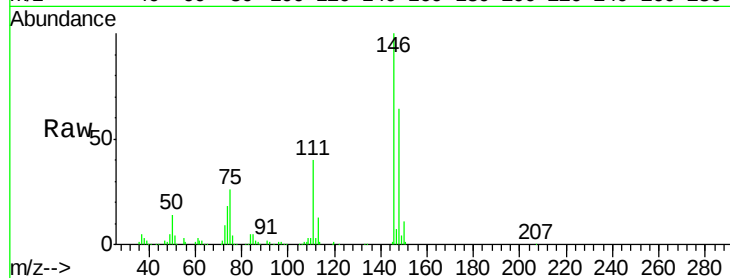




#91
 1,2-Dichlorobenzene
 Concen: 19.71 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

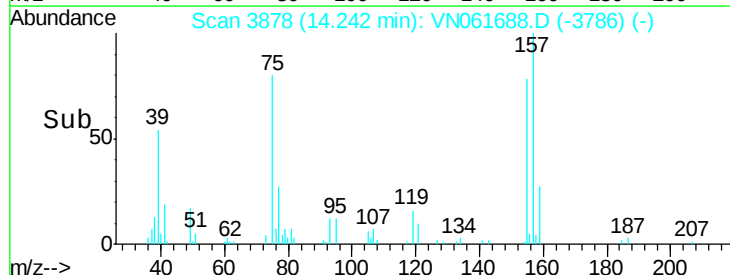
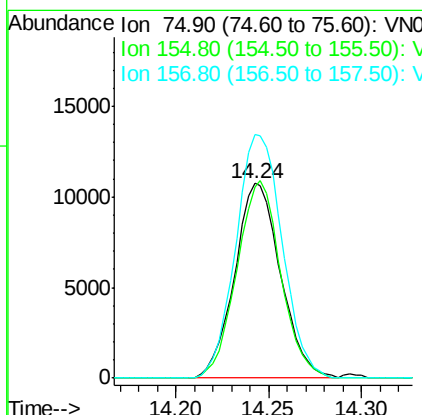
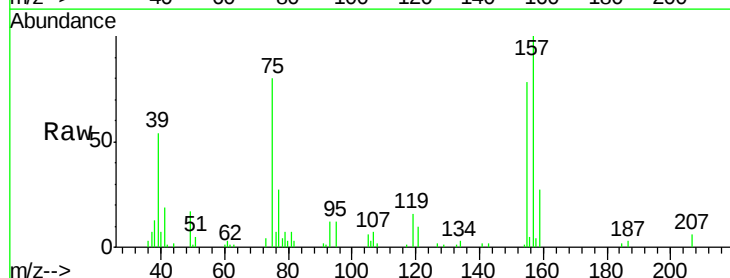
Instrument :
 MSVOA_N
 ClientSampled :
 VN0608WBS01

Tgt Ion:146 Resp: 180248
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.2
 148 63.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.26 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

Tgt Ion: 75 Resp: 18470
 Ion Ratio Lower Upper
 75 100
 155 96.8 47.1 141.4
 157 126.7 60.3 180.8

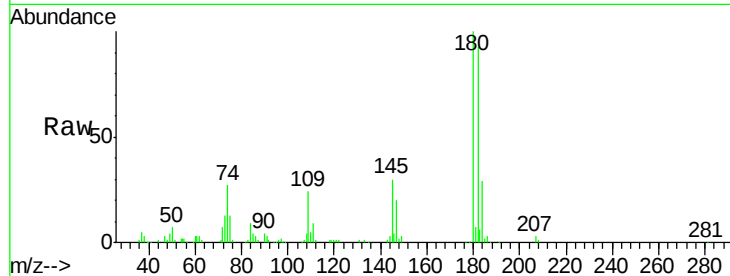




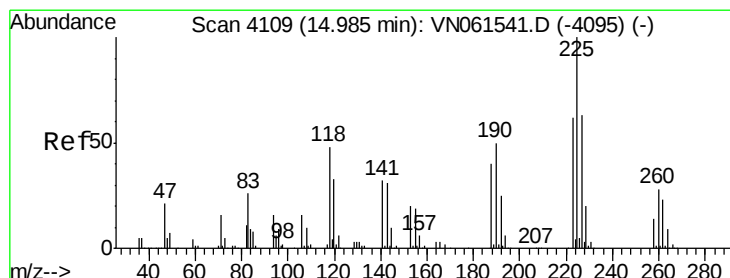
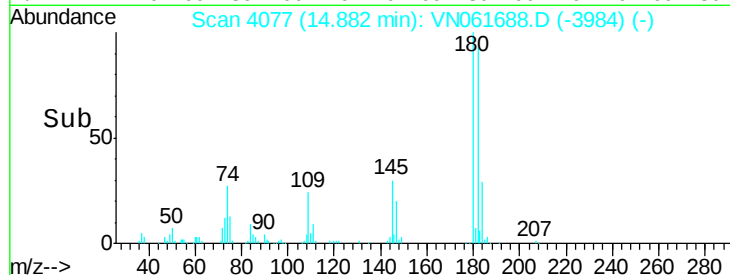
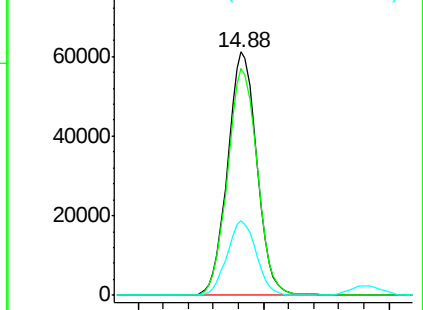
#93
 1,2,4-Trichlorobenzene
 Concen: 18.52 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS01

Tgt Ion:180 Resp: 99049
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.8 143.3
 145 30.3 15.5 46.5

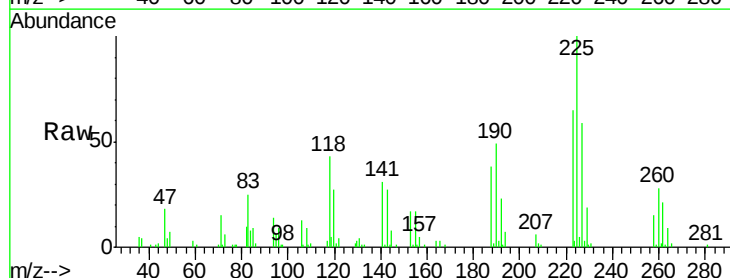


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

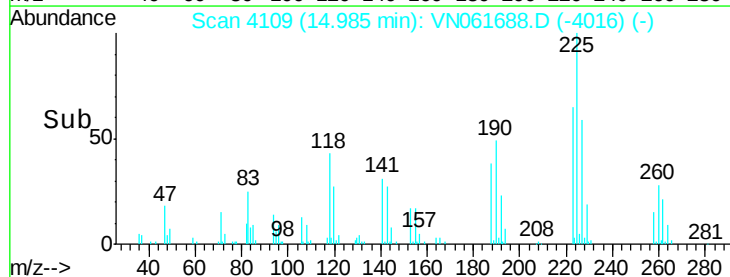
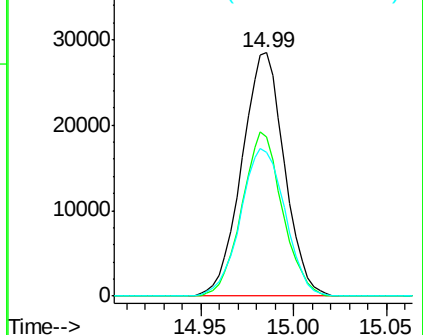


#94
 Hexachlorobutadiene
 Concen: 19.94 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061688.D
 Acq: 8 Jun 2020 12:03

Tgt Ion:225 Resp: 45496
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.9 95.5
 227 63.4 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.51 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01

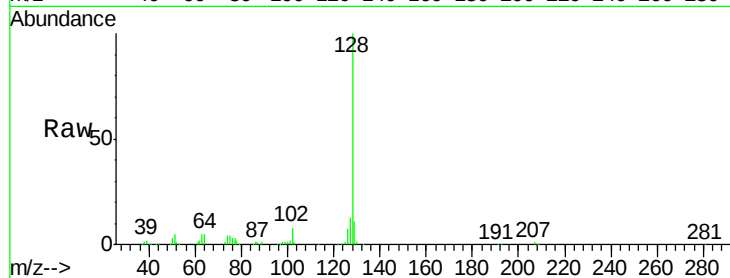
Tgt Ion:128 Resp: 268717

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

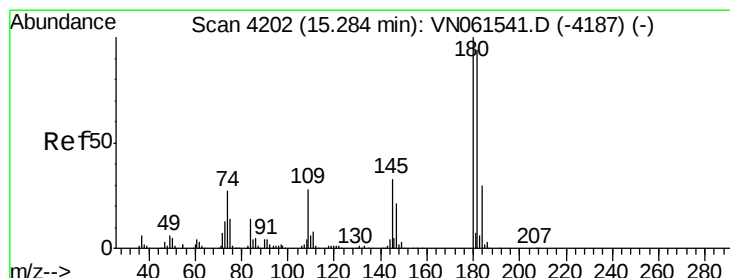
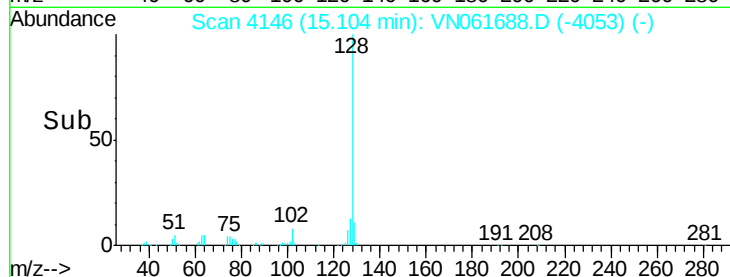
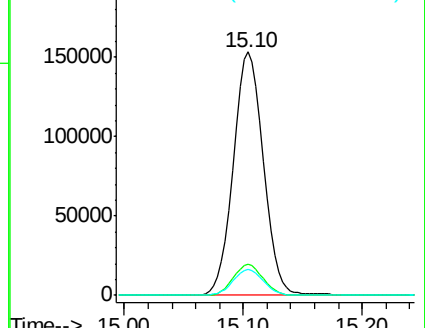
129 10.8 8.5 12.7



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: 18.21 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061688.D

Acq: 8 Jun 2020 12:03

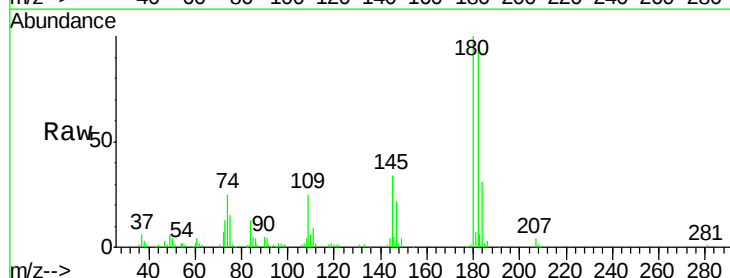
Tgt Ion:180 Resp: 95760

Ion Ratio Lower Upper

180 100

182 96.4 47.1 141.3

145 32.9 16.3 48.9



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

