

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070120\
 Data File : VN062286.D
 Acq On : 1 Jul 2020 12:50
 Operator : JC/MD
 Sample : VN0701WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Quant Time: Jul 01 15:48:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	200941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	369046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	346260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153125	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	162497	57.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.26%	
35) Dibromofluoromethane	7.54	113	123523	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.06	98	488348	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.37	95	162862	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	42706	18.803	ug/l	96
3) Chloromethane	2.04	50	56284	20.253	ug/l	98
4) Vinyl Chloride	2.16	62	66123	18.487	ug/l	99
5) Bromomethane	2.53	94	45721	19.778	ug/l	99
6) Chloroethane	2.67	64	45981	18.819	ug/l	99
7) Trichlorofluoromethane	2.98	101	79282	17.989	ug/l	99
8) Diethyl Ether	3.37	74	34833	22.634	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	47891	20.750	ug/l	97
10) Methyl Iodide	3.91	142	51024	19.630	ug/l	99
11) Tert butyl alcohol	4.73	59	46598	115.093	ug/l	100
12) 1,1-Dichloroethene	3.70	96	46067	19.966	ug/l	98
13) Acrolein	3.57	56	39527	99.717	ug/l	93
14) Allyl chloride	4.28	41	71750	22.841	ug/l	97
15) Acrylonitrile	4.93	53	129126	117.037	ug/l	99
16) Acetone	3.77	43	109746	121.915	ug/l	100
17) Carbon Disulfide	4.01	76	129097	19.565	ug/l	96
18) Methyl Acetate	4.28	43	55154	24.604	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	163745	22.209	ug/l	95
20) Methylene Chloride	4.50	84	60785	23.366	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	52253	19.880	ug/l	95
22) Diisopropyl ether	5.90	45	166467	23.274	ug/l	95
23) Vinyl Acetate	5.84	43	677760	116.062	ug/l	97
24) 1,1-Dichloroethane	5.80	63	100876	21.902	ug/l	99
25) 2-Butanone	6.79	43	162061	117.579	ug/l	96
26) 2,2-Dichloropropane	6.77	77	79412	20.691	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	60180	20.347	ug/l	95
28) Bromochloromethane	7.15	49	43166	21.601	ug/l	88
29) Tetrahydrofuran	7.17	42	106120	117.537	ug/l	97
30) Chloroform	7.33	83	99513	21.236	ug/l	98
31) Cyclohexane	7.61	56	81668	20.962	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	81829	20.706	ug/l	98
36) 1,1-Dichloropropene	7.75	75	73195	19.732	ug/l	97
37) Ethyl Acetate	6.88	43	68206	22.205	ug/l	98
38) Carbon Tetrachloride	7.73	117	66758	19.089	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	80265	19.748	ug/l	95
40) Benzene	8.00	78	231534	20.478	ug/l	98
41) Methacrylonitrile	7.13	41	30825	21.646	ug/l #	75
42) 1,2-Dichloroethane	8.08	62	83185	21.776	ug/l	98
43) Isopropyl Acetate	8.12	43	110786	22.125	ug/l #	90
44) Trichloroethene	8.80	130	52504	18.409	ug/l	93
45) 1,2-Dichloropropane	9.08	63	60585	21.720	ug/l	95
46) Dibromomethane	9.17	93	39534	20.905	ug/l	96
47) Bromodichloromethane	9.37	83	79712	20.875	ug/l	99
48) Methyl methacrylate	9.17	41	50001	22.271	ug/l	97
49) 1,4-Dioxane	9.16	88	20416	410.056	ug/l #	90
51) 4-Methyl-2-Pentanone	9.95	43	340306	116.323	ug/l	99
52) Toluene	10.12	92	142445	20.649	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	85708	20.401	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	95314	21.310	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	57538	21.218	ug/l	95
56) Ethyl methacrylate	10.40	69	79510	21.970	ug/l	99
57) 1,3-Dichloropropane	10.68	76	100778	21.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	143755	103.393	ug/l	96
59) 2-Hexanone	10.72	43	240181	113.694	ug/l	99
60) Dibromochloromethane	10.87	129	58036	20.215	ug/l	100
61) 1,2-Dibromoethane	10.98	107	57283	20.558	ug/l	99
64) Tetrachloroethene	10.60	164	41335	17.476	ug/l	94
65) Chlorobenzene	11.41	112	147809	19.439	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	51123	19.443	ug/l	97
67) Ethyl Benzene	11.48	91	255646	19.907	ug/l	98
68) m/p-Xylenes	11.59	106	194663	39.190	ug/l	97
69) o-Xylene	11.92	106	92914	19.826	ug/l	98
70) Styrene	11.94	104	152972	19.572	ug/l	98
71) Bromoform	12.10	173	35406	18.939	ug/l #	99
73) Isopropylbenzene	12.22	105	244514	20.629	ug/l	100
74) N-amyl acetate	12.05	43	86888	21.925	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	84689	21.471	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	106062	29.423	ug/l #	100
77) Bromobenzene	12.50	156	57700	19.608	ug/l	91
78) n-propylbenzene	12.56	91	287004	21.168	ug/l	98
79) 2-Chlorotoluene	12.65	91	172782	21.080	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	201619	20.983	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	25998	21.063	ug/l	95
82) 4-Chlorotoluene	12.75	91	172950	20.404	ug/l	99
83) tert-Butylbenzene	12.97	119	164502	20.005	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	198593	20.694	ug/l	98
85) sec-Butylbenzene	13.15	105	231047	21.263	ug/l	100
86) p-Isopropyltoluene	13.26	119	198458	20.847	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	102845	19.903	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	102161	19.179	ug/l	98
89) n-Butylbenzene	13.59	91	164749	20.816	ug/l	98
90) Hexachloroethane	13.85	117	39025	20.894	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	100325	20.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14223	22.509	ug/l	90

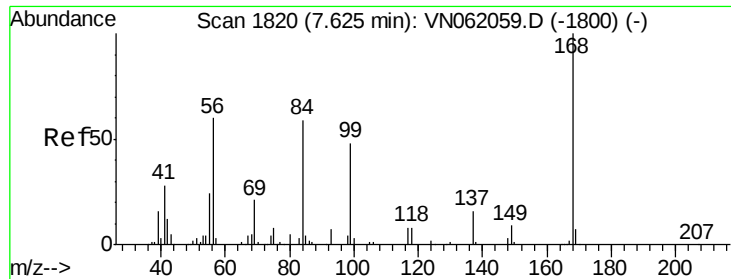
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070120\
Data File : VN062286.D
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	41680	19.040	ug/l	98
94) Hexachlorobutadiene	14.98	225	20534	21.597	ug/l	98
95) Naphthalene	15.10	128	115550	18.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	43324	19.356	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

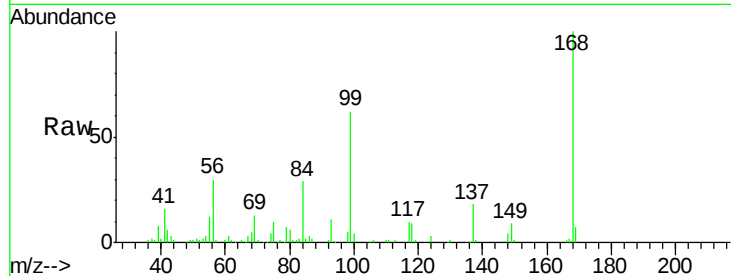
VN0701WBSD01

Tgt Ion:168 Resp: 200941

Ion Ratio Lower Upper

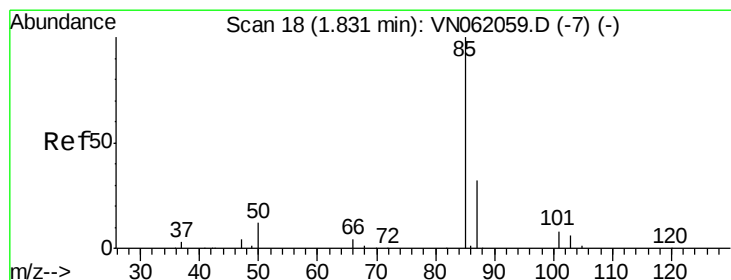
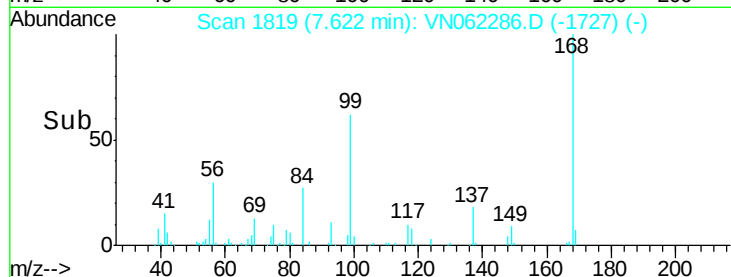
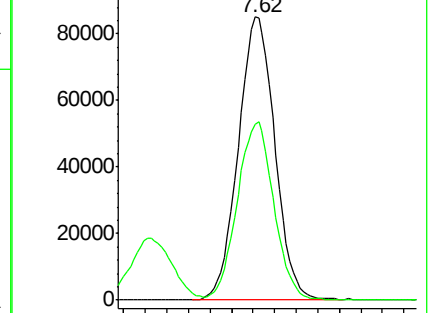
168 100

99 61.8 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 18.803 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062286.D

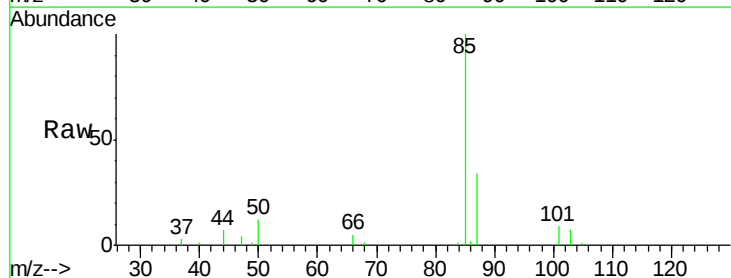
Acq: 1 Jul 2020 12:50

Tgt Ion: 85 Resp: 42706

Ion Ratio Lower Upper

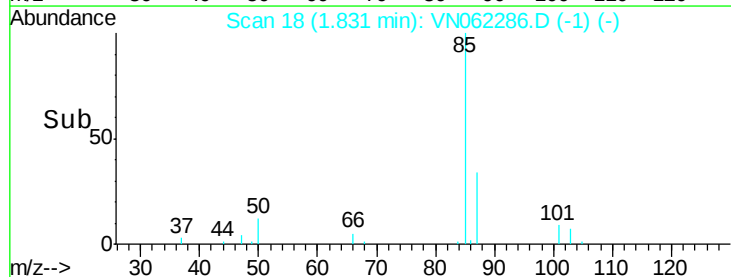
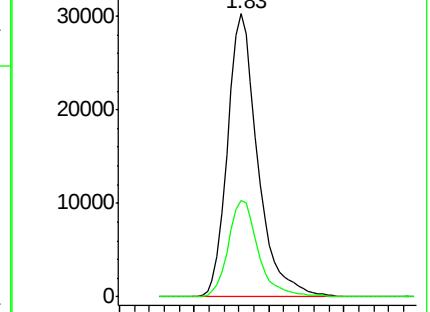
85 100

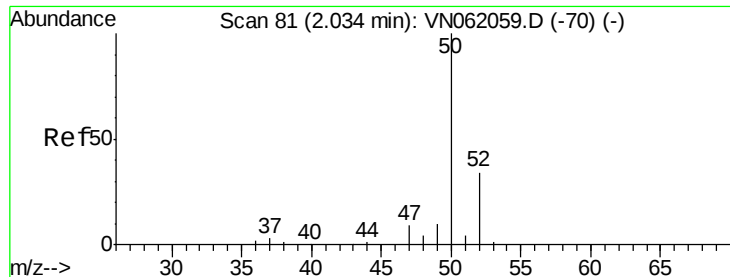
87 34.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 20.253 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

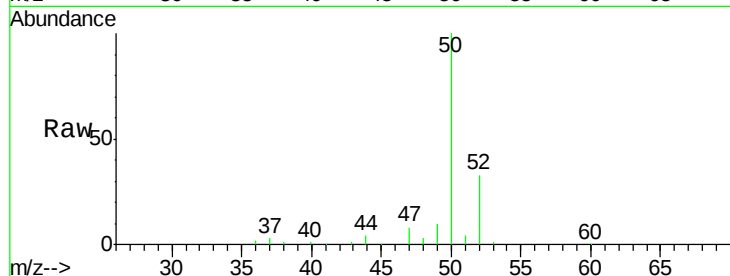
VN0701WBSD01

Tgt Ion: 50 Resp: 56284

Ion Ratio Lower Upper

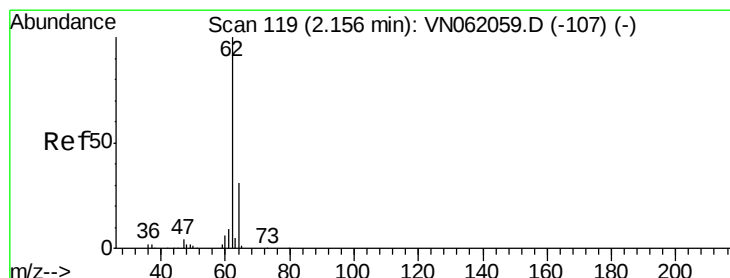
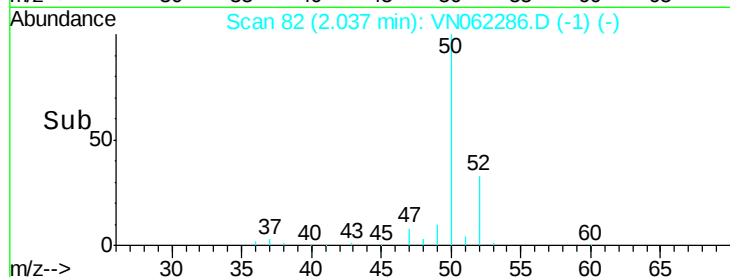
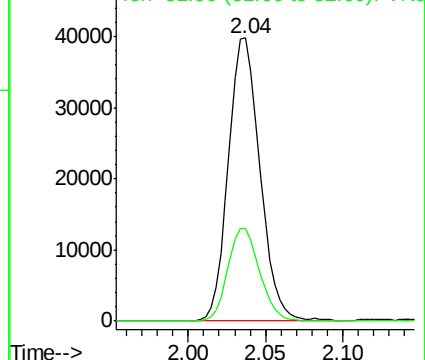
50 100

52 32.9 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.487 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062286.D

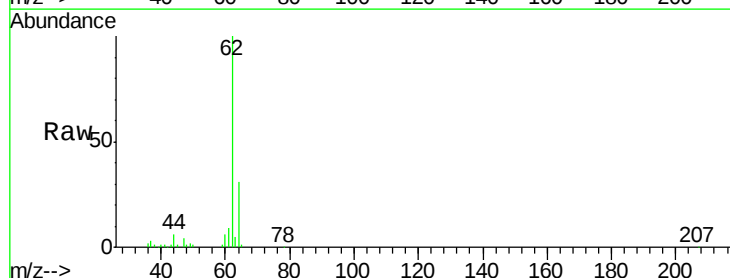
Acq: 1 Jul 2020 12:50

Tgt Ion: 62 Resp: 66123

Ion Ratio Lower Upper

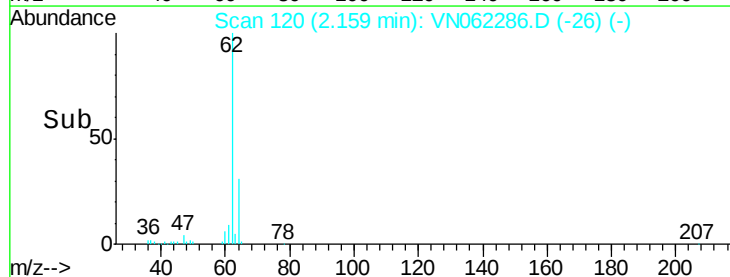
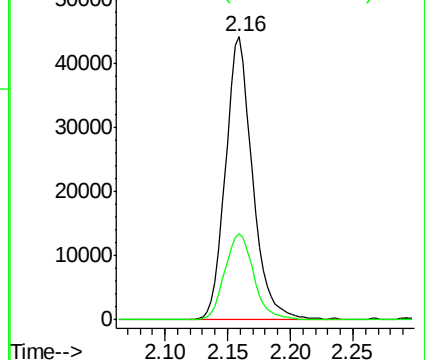
62 100

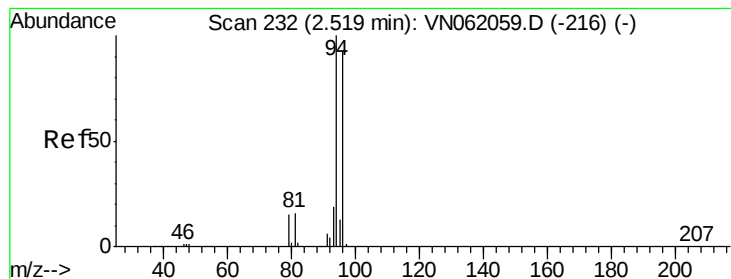
64 30.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.778 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

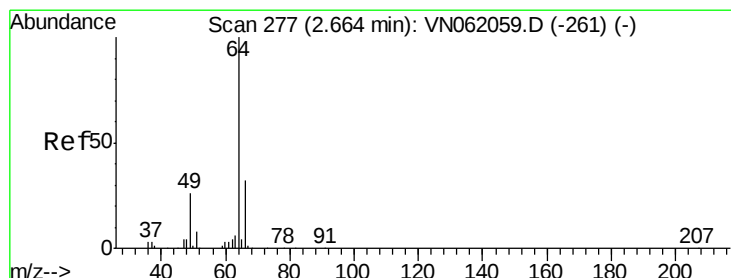
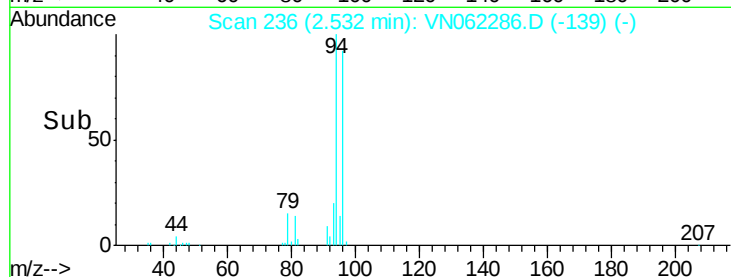
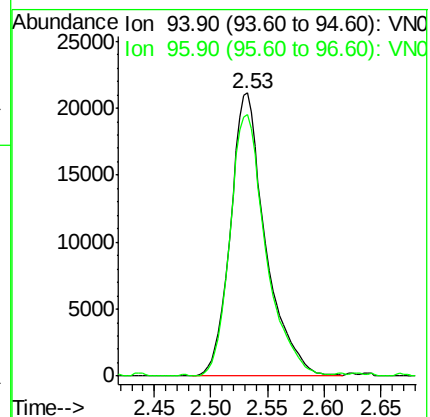
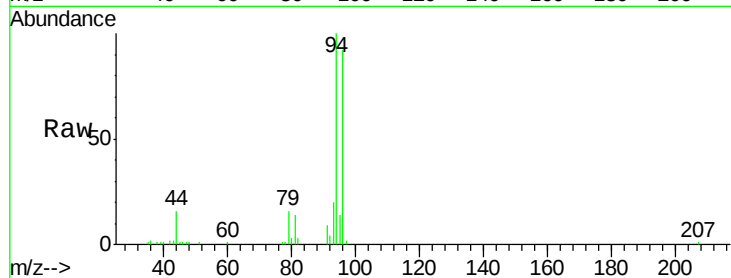
VN0701WBSD01

Tgt Ion: 94 Resp: 45721

Ion Ratio Lower Upper

94 100

96 92.4 73.4 110.2



#6

Chloroethane

Concen: 18.819 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062286.D

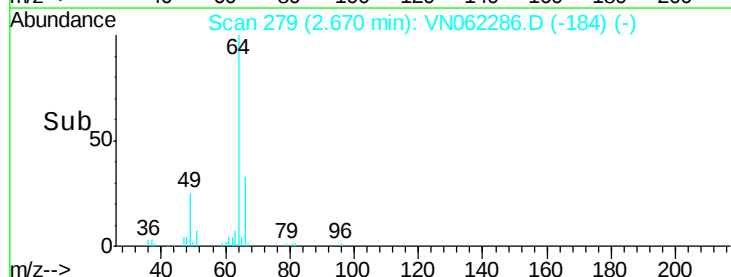
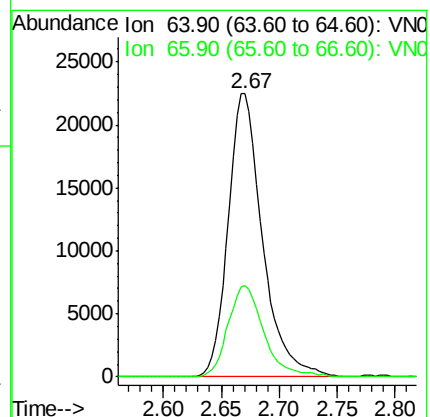
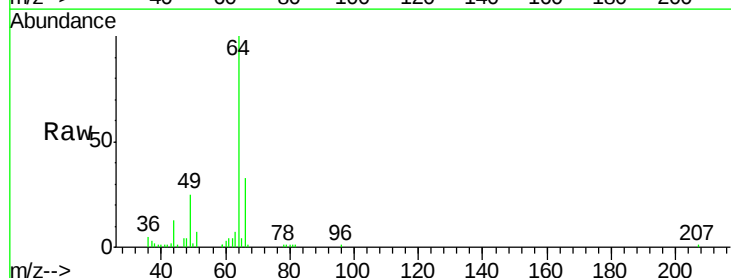
Acq: 1 Jul 2020 12:50

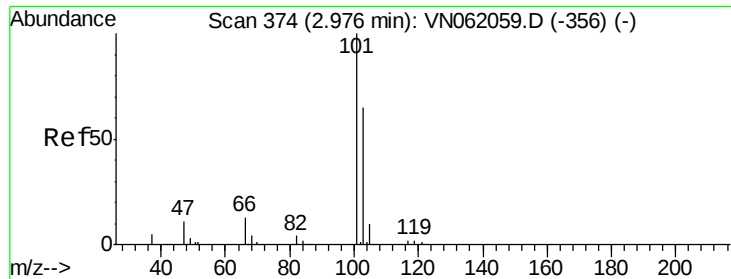
Tgt Ion: 64 Resp: 45981

Ion Ratio Lower Upper

64 100

66 32.5 25.8 38.6



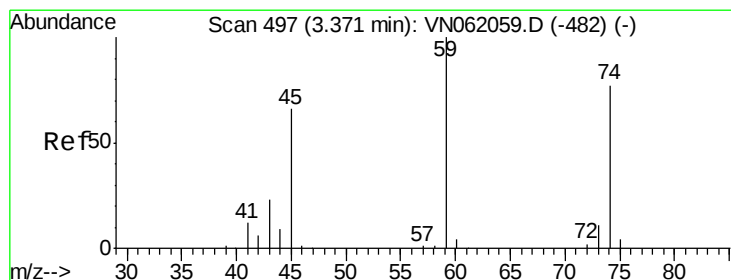
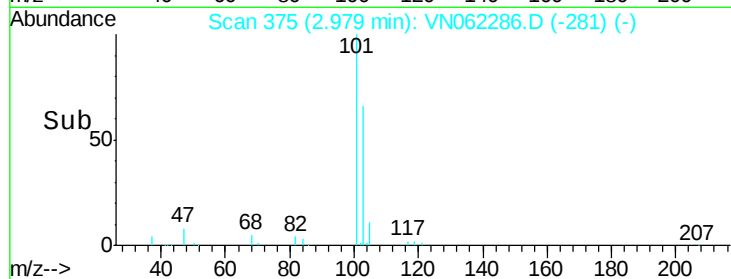
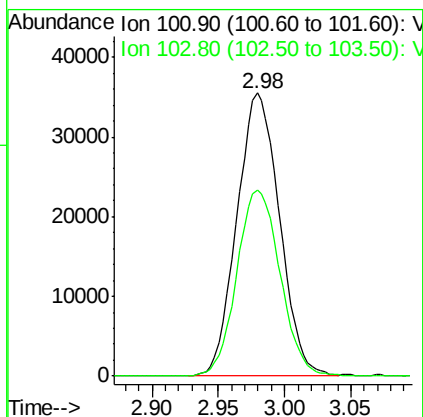
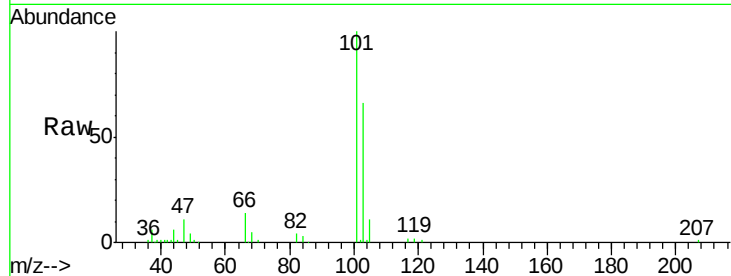


#7

Trichlorofluoromethane
 Concen: 17.989 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Instrument :
 MSVOA_N
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 VN0701WBSD01

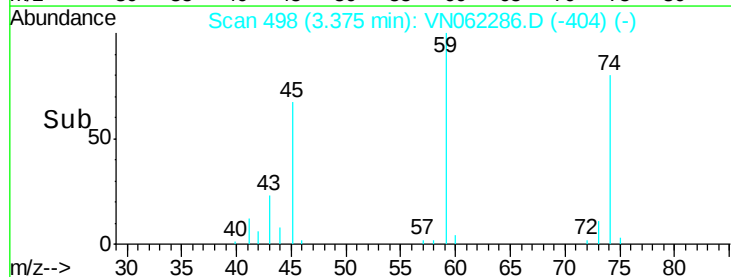
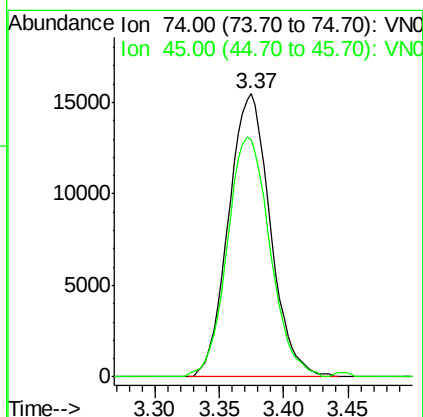
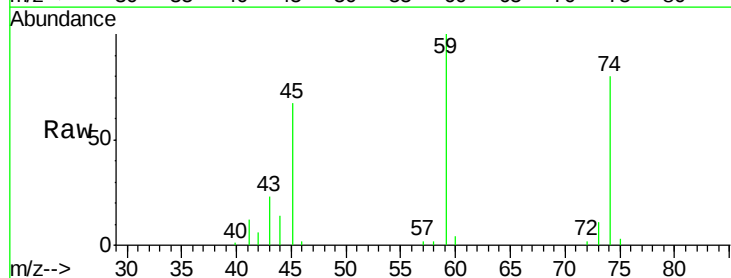
Tgt Ion: 101 Resp: 79282
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.8 77.6

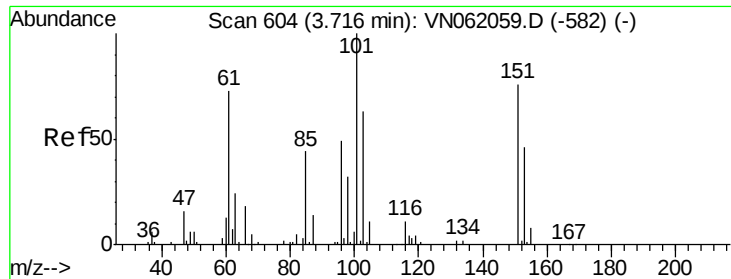


#8

Diethyl Ether
 Concen: 22.634 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion: 74 Resp: 34833
 Ion Ratio Lower Upper
 74 100
 45 86.7 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.750 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

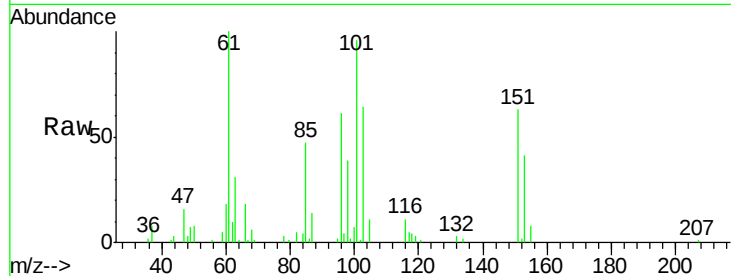
Tgt Ion:101 Resp: 47891

Ion Ratio Lower Upper

101 100

85 44.9 34.5 51.7

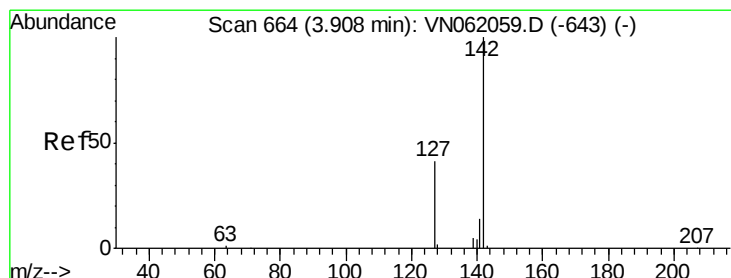
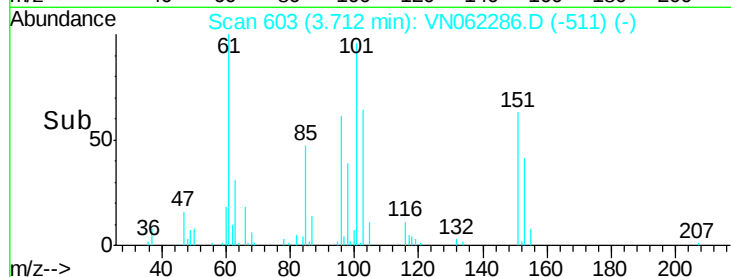
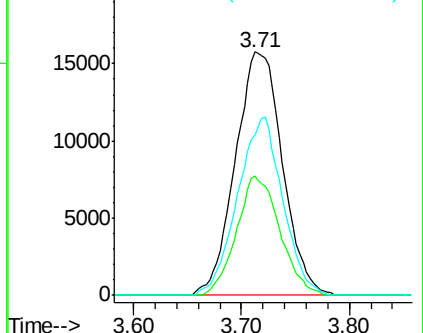
151 69.8 57.8 86.8



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: 19.630 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

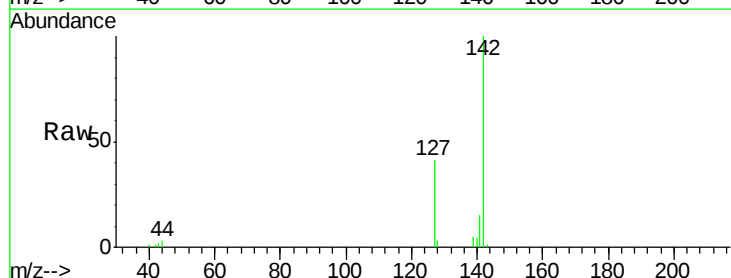
Tgt Ion:142 Resp: 51024

Ion Ratio Lower Upper

142 100

127 41.6 33.6 50.4

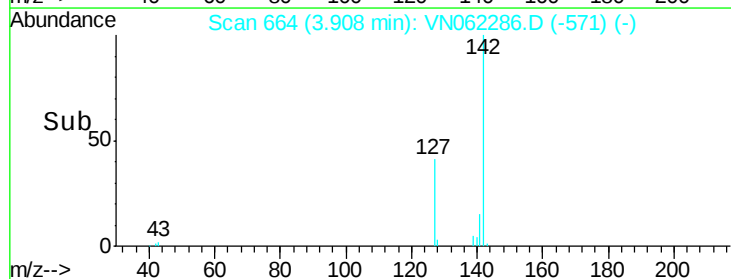
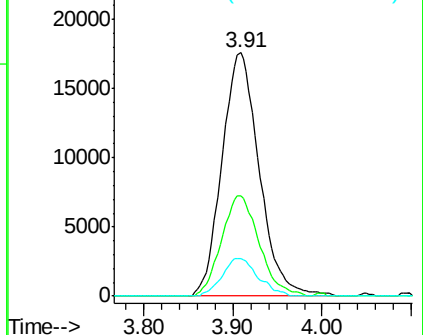
141 14.9 11.3 16.9

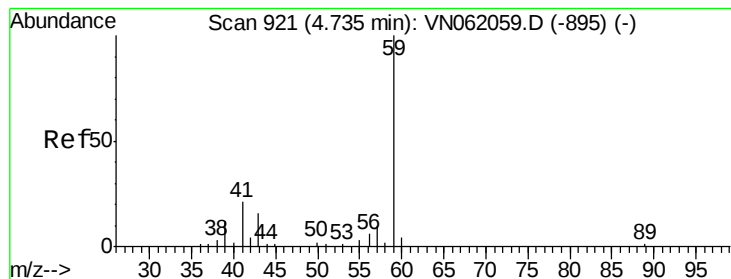


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



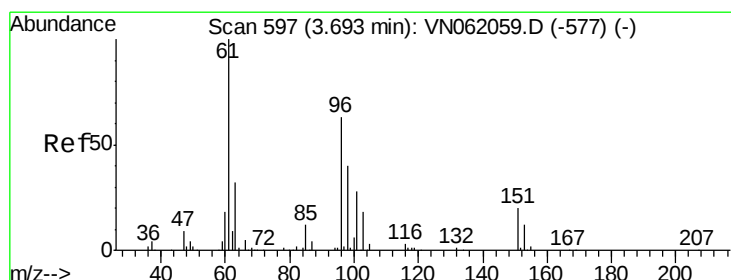
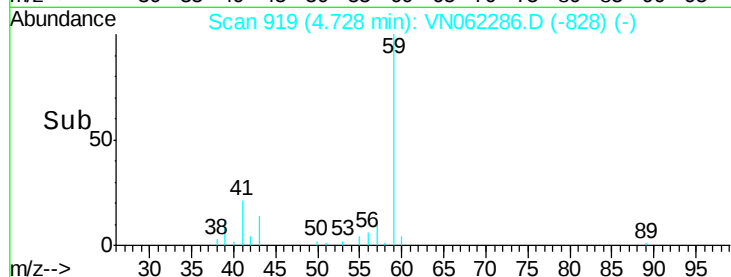
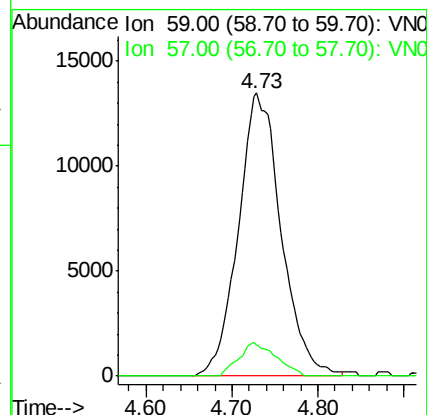
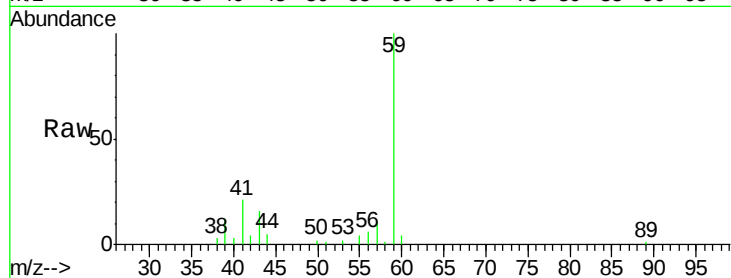


#11

Tert butyl alcohol
 Concen: 115.093 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

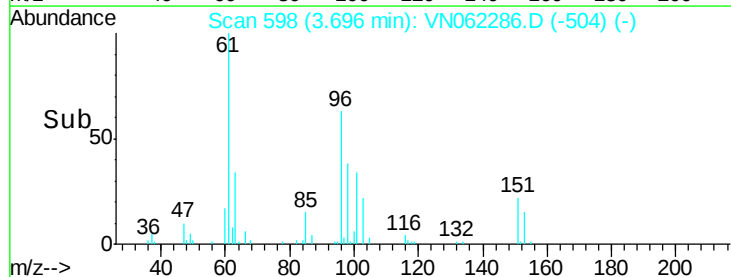
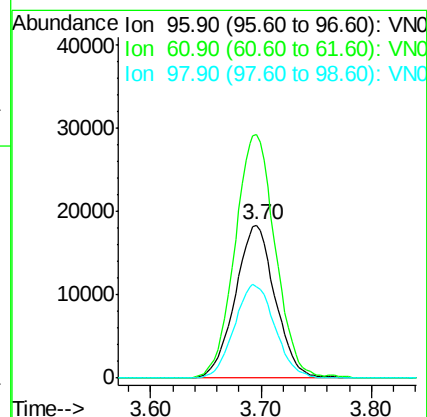
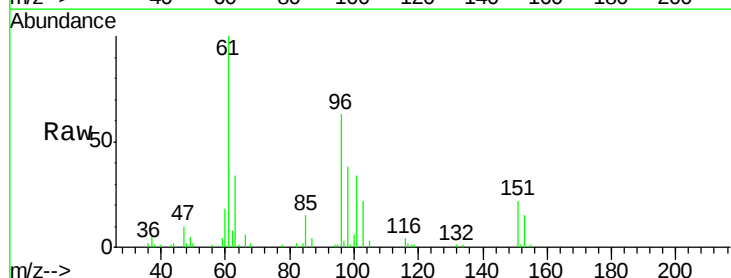
Tgt Ion: 59 Resp: 46598
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5

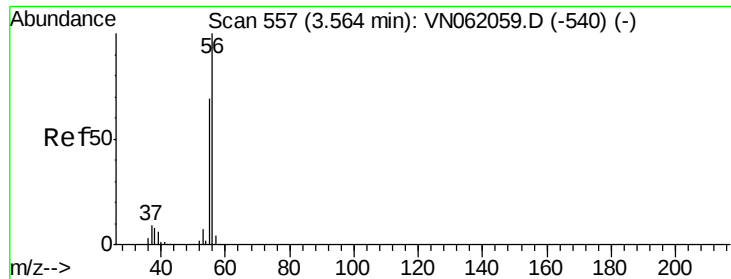


#12

1,1-Dichloroethene
 Concen: 19.966 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion: 96 Resp: 46067
 Ion Ratio Lower Upper
 96 100
 61 159.3 126.7 190.1
 98 60.1 51.0 76.4





#13

Acrolein

Concen: 99.717 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

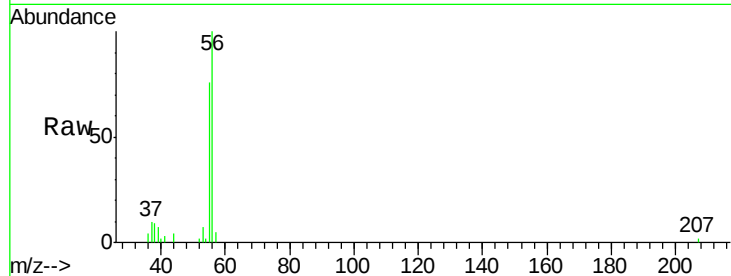
VN0701WBSD01

Tgt Ion: 56 Resp: 39527

Ion Ratio Lower Upper

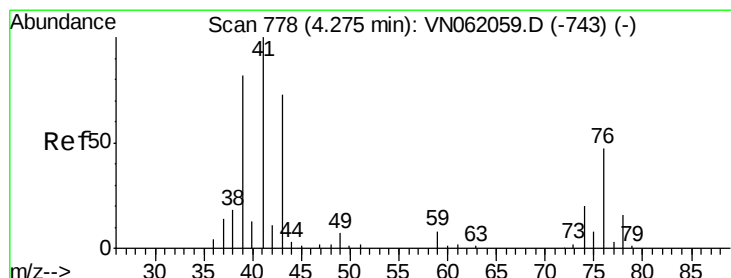
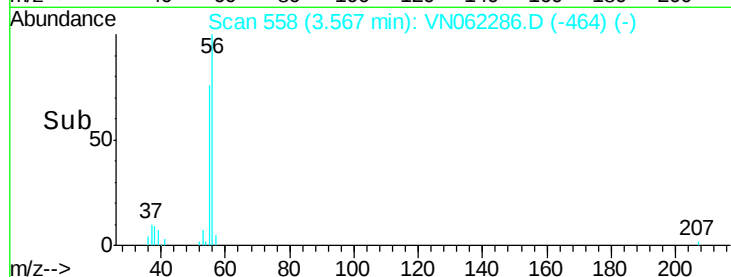
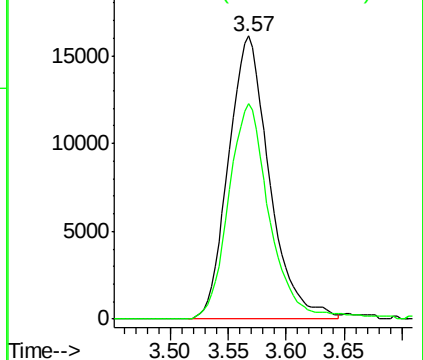
56 100

55 74.9 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 22.841 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

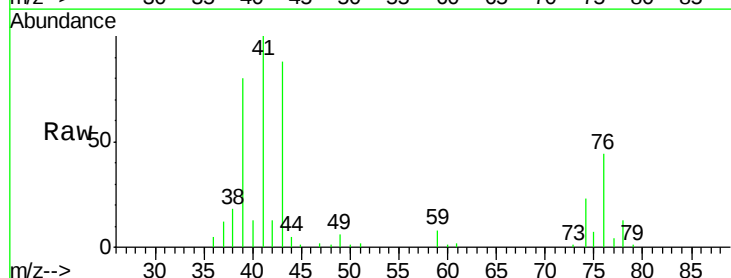
Tgt Ion: 41 Resp: 71750

Ion Ratio Lower Upper

41 100

39 72.3 60.0 90.0

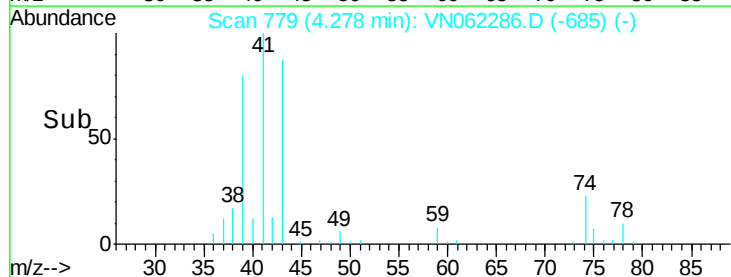
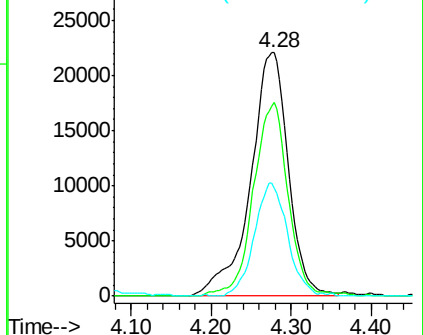
76 40.5 34.1 51.1

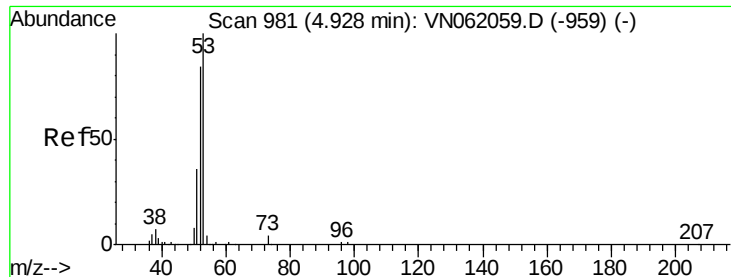


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 117.037 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

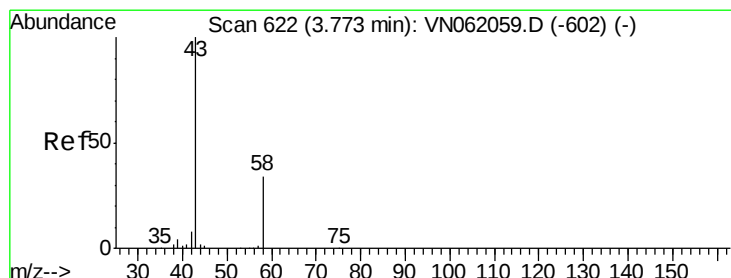
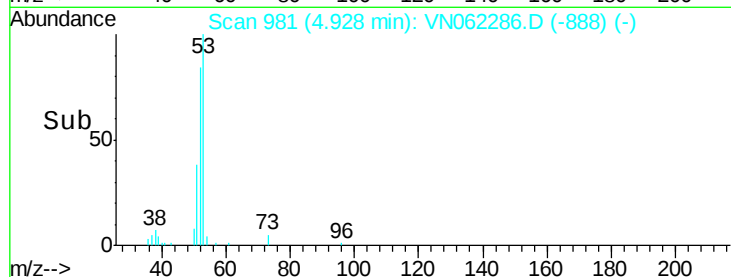
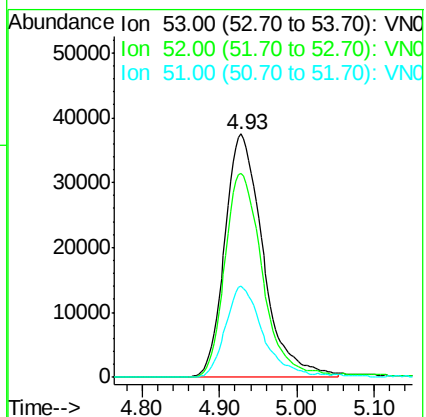
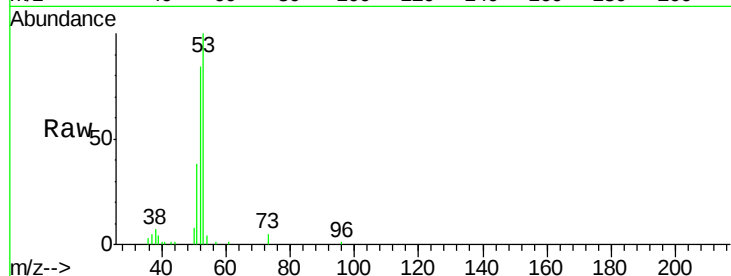
Tgt Ion: 53 Resp: 129126

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.4

51 36.4 28.9 43.3



#16

Acetone

Concen: 121.915 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062286.D

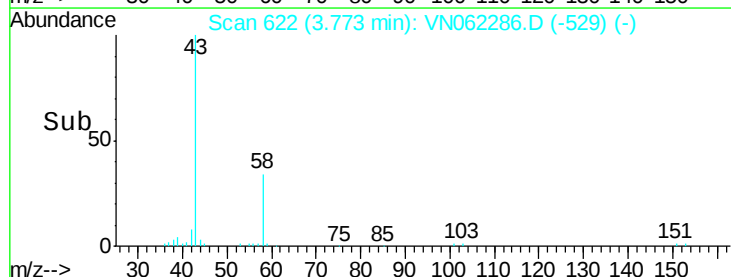
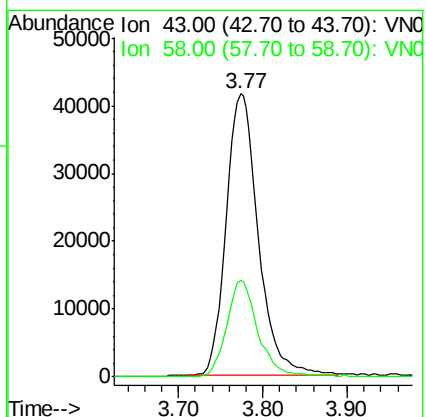
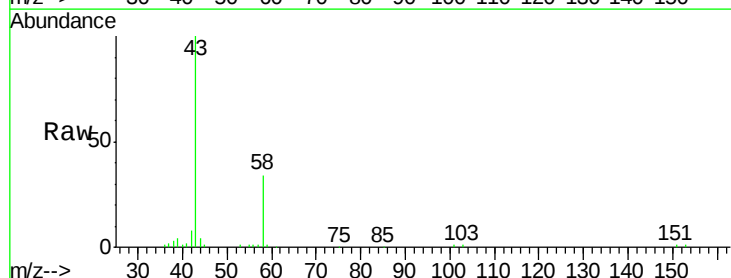
Acq: 1 Jul 2020 12:50

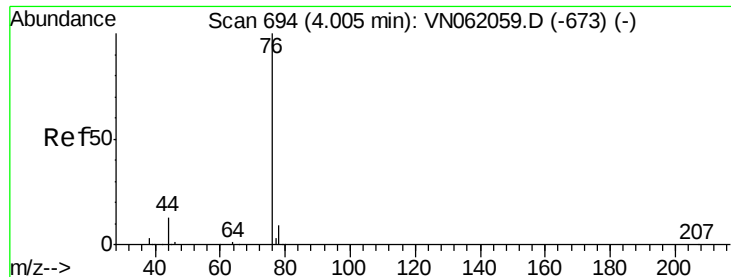
Tgt Ion: 43 Resp: 109746

Ion Ratio Lower Upper

43 100

58 34.4 27.5 41.3

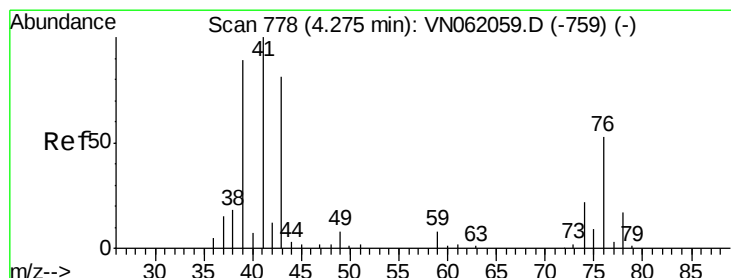
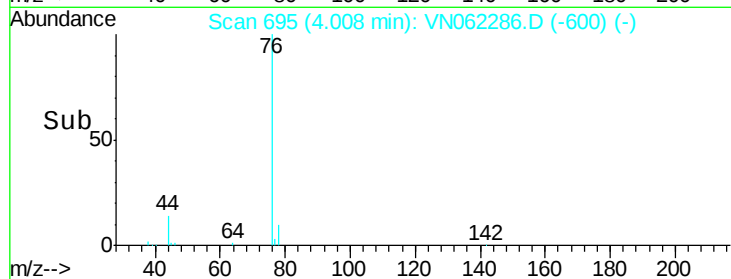
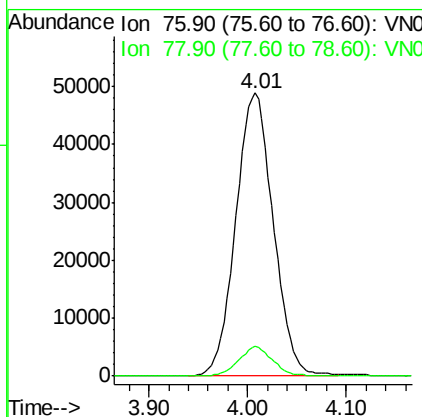
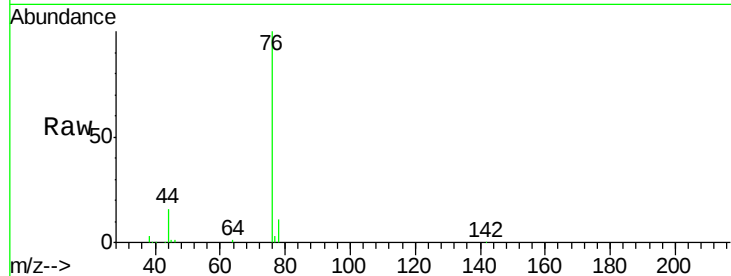




#17
Carbon Disulfide
Concen: 19.565 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

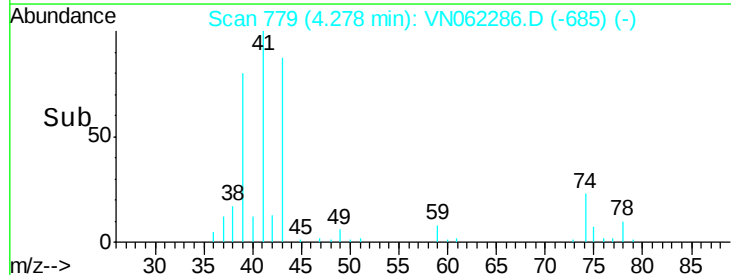
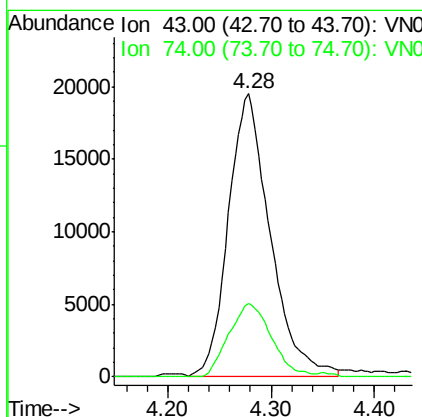
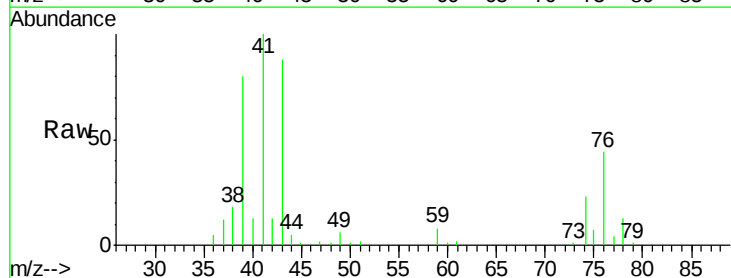
Instrument :
MSVOA_N
ClientSampled :
VN0701WBSD01

Tgt Ion: 76 Resp: 129097
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8



#18
Methyl Acetate
Concen: 24.604 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion: 43 Resp: 55154
Ion Ratio Lower Upper
43 100
74 26.4 22.9 34.3

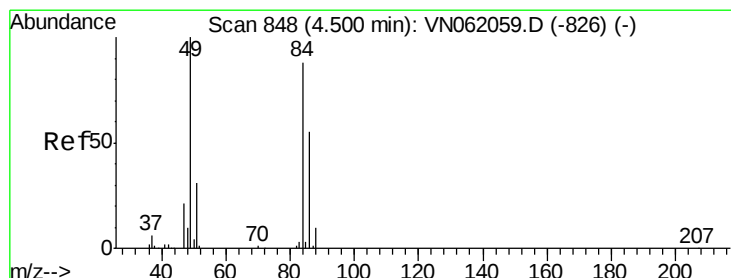
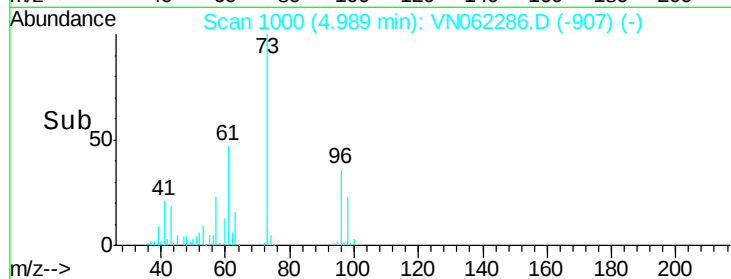
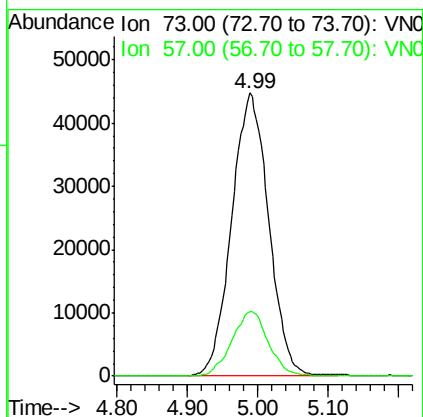
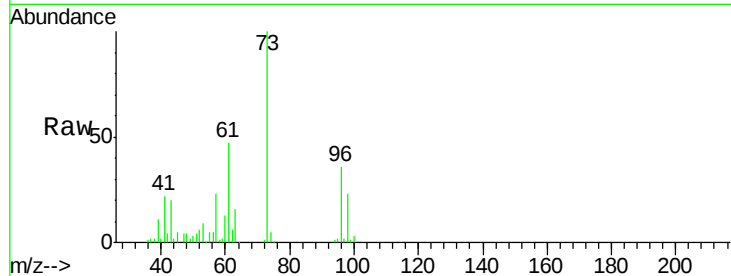




#19
Methyl tert-butyl Ether
Concen: 22.209 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

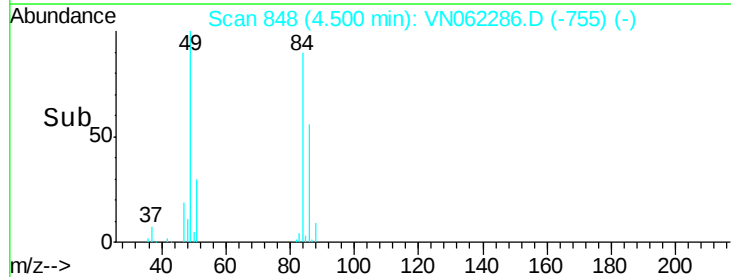
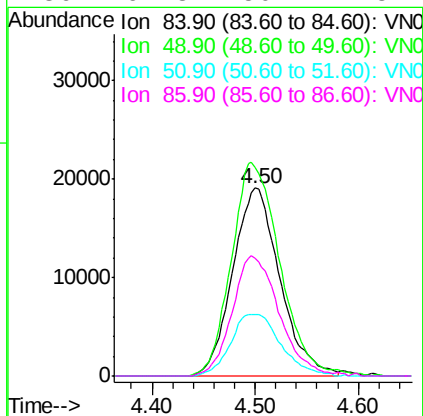
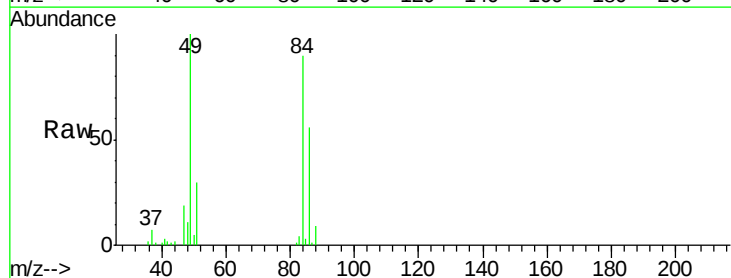
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

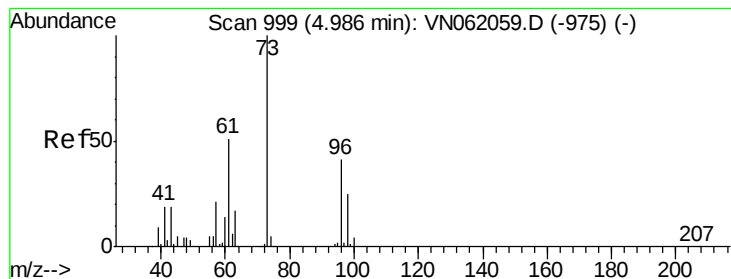
Tgt Ion: 73 Resp: 163745
Ion Ratio Lower Upper
73 100
57 23.0 16.6 24.8



#20
Methylene Chloride
Concen: 23.366 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion: 84 Resp: 60785
Ion Ratio Lower Upper
84 100
49 111.1 90.6 136.0
51 33.0 27.8 41.8
86 62.8 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 19.880 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

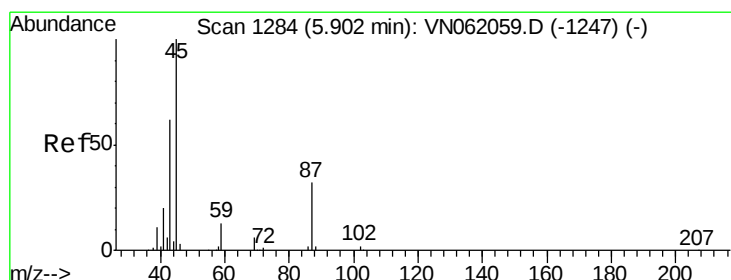
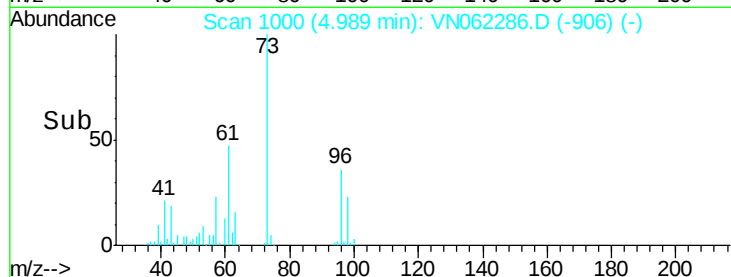
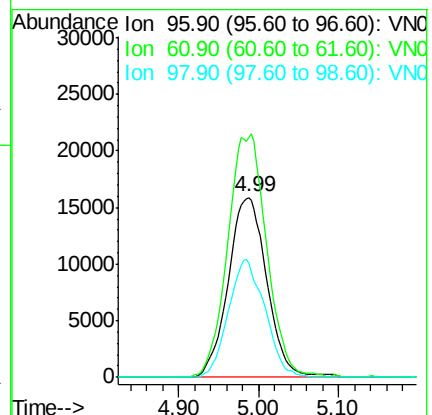
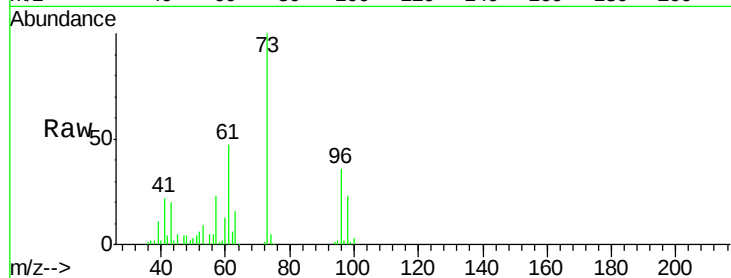
Tgt Ion: 96 Resp: 52253

Ion Ratio Lower Upper

96 100

61 133.5 101.4 152.2

98 63.3 49.3 73.9



#22

Diisopropyl ether

Concen: 23.274 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Tgt Ion: 45 Resp: 166467

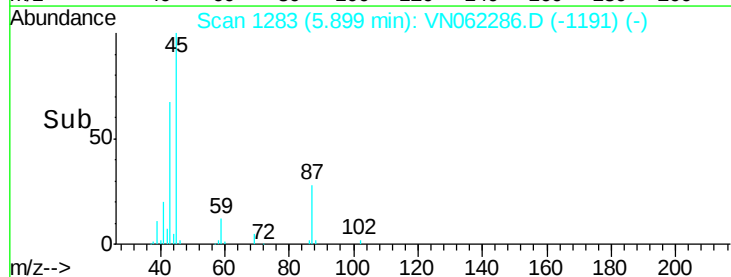
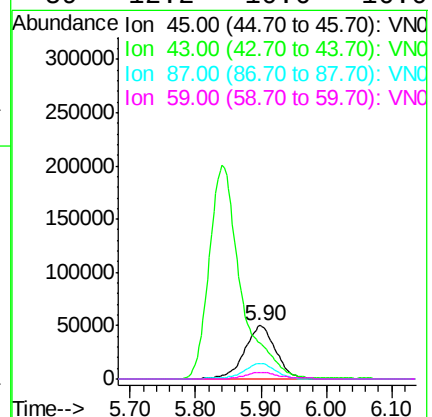
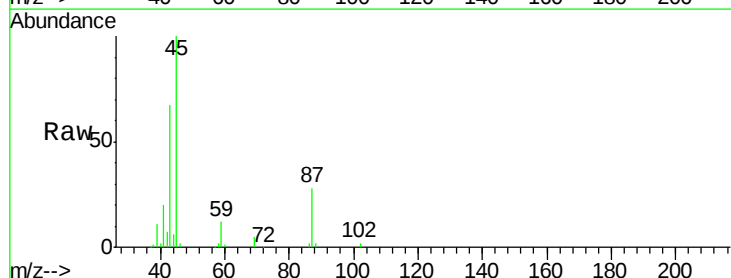
Ion Ratio Lower Upper

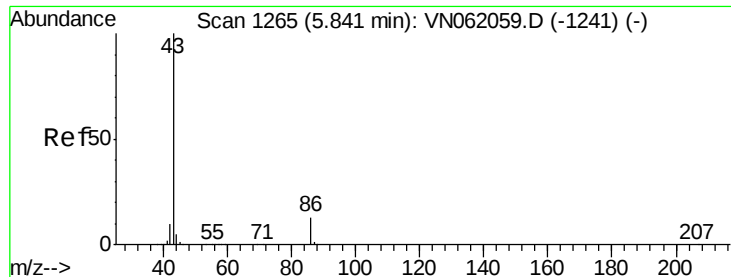
45 100

43 65.5 49.7 74.5

87 28.4 25.9 38.9

59 12.2 10.6 16.0

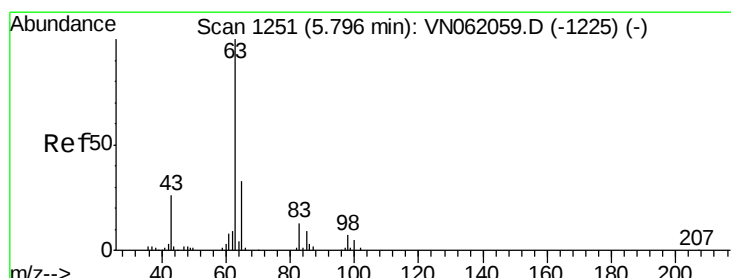
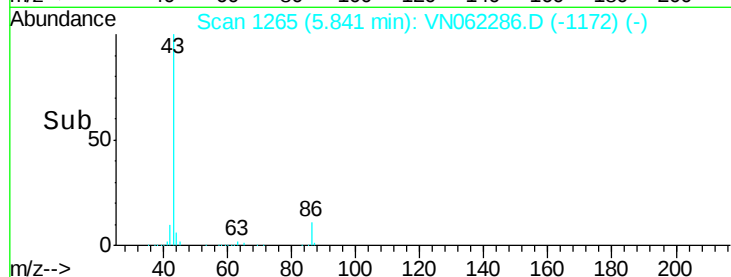
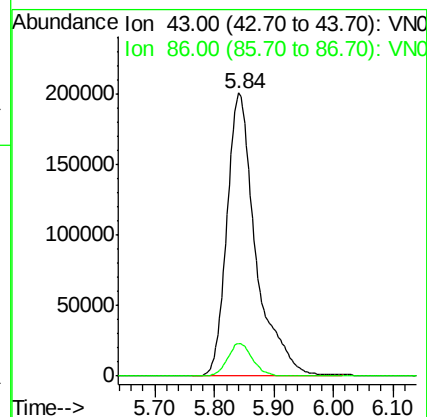
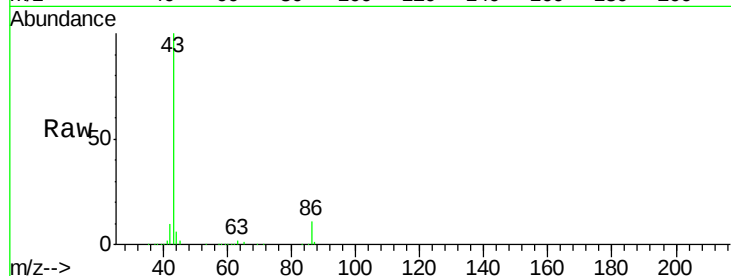




#23
 Vinyl Acetate
 Concen: 116.062 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

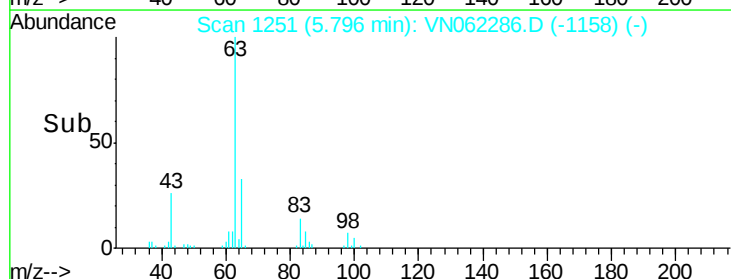
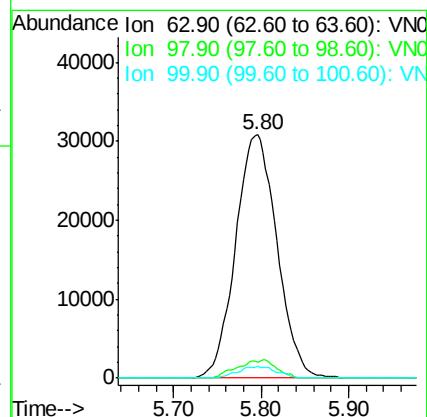
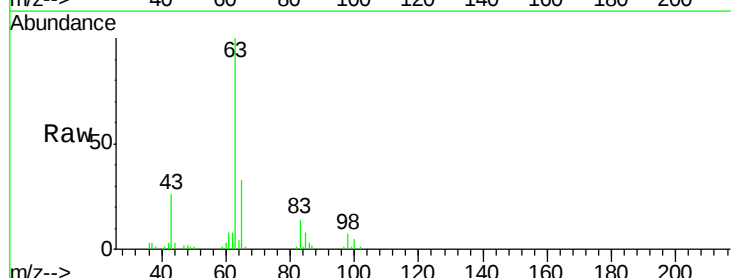
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

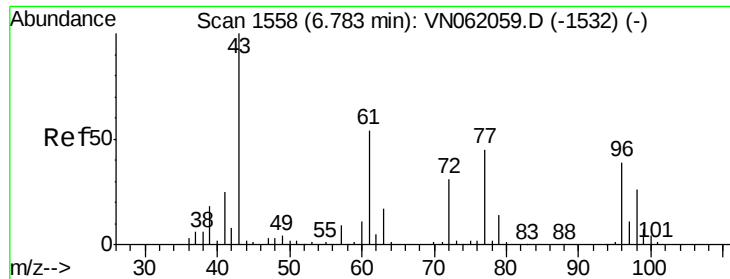
Tgt Ion: 43 Resp: 677760
 Ion Ratio Lower Upper
 43 100
 86 11.4 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 21.902 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion: 63 Resp: 100876
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 117.579 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

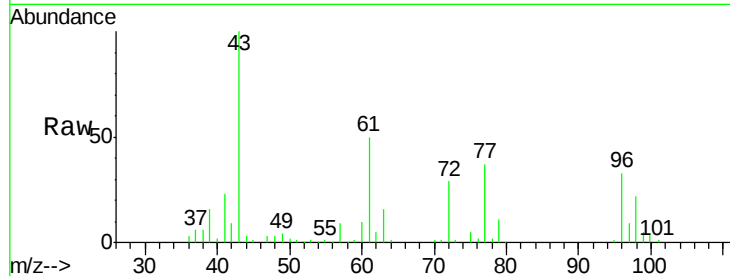
VN0701WBSD01

Tgt Ion: 43 Resp: 162061

Ion Ratio Lower Upper

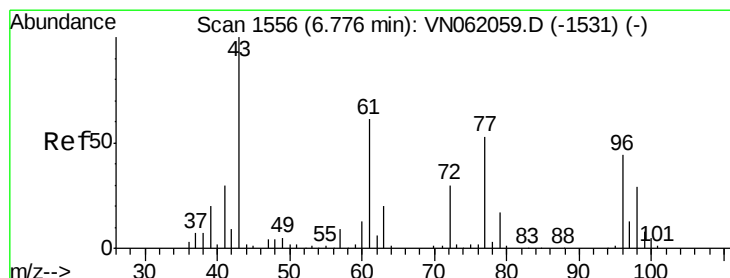
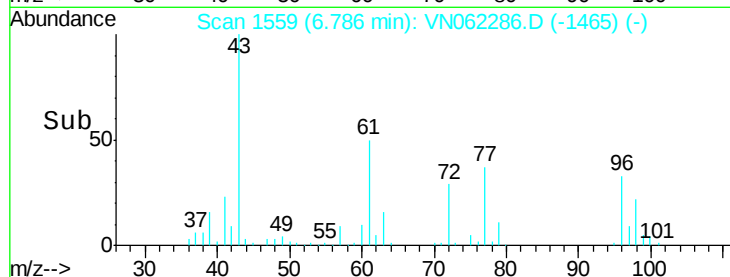
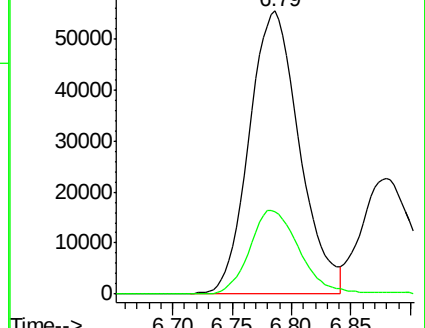
43 100

72 29.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1532) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1532) (-)



#26

2,2-Dichloropropane

Concen: 20.691 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062286.D

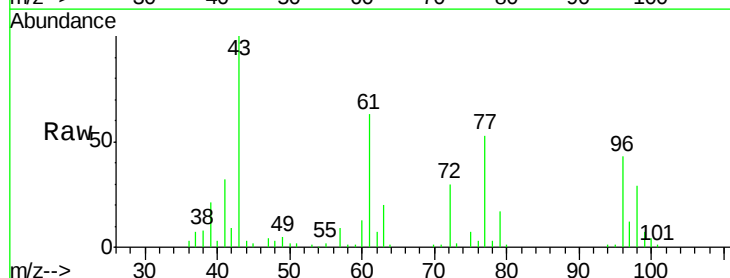
Acq: 1 Jul 2020 12:50

Tgt Ion: 77 Resp: 79412

Ion Ratio Lower Upper

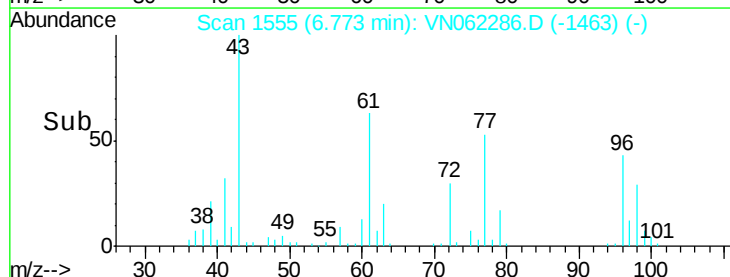
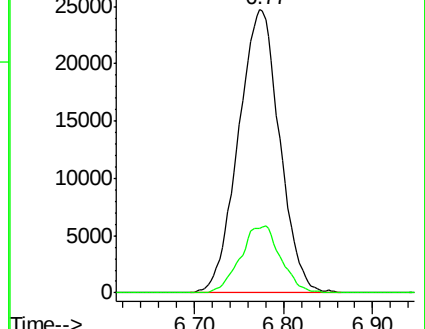
77 100

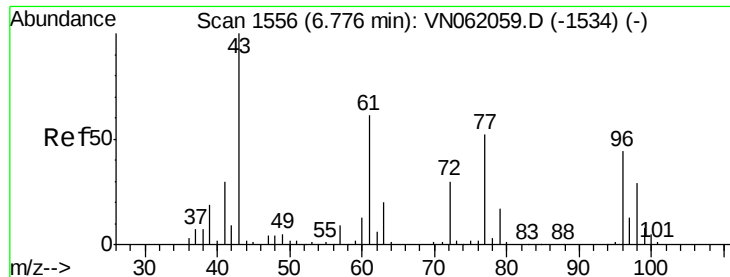
97 23.0 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN062059.D (-1531) (-)

Ion 96.90 (96.60 to 97.60): VN062059.D (-1531) (-)





#27

cis-1,2-Dichloroethene

Concen: 20.347 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

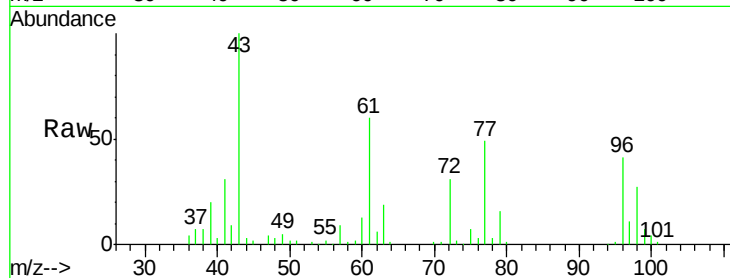
Tgt Ion: 96 Resp: 60180

Ion Ratio Lower Upper

96 100

61 149.6 0.0 280.4

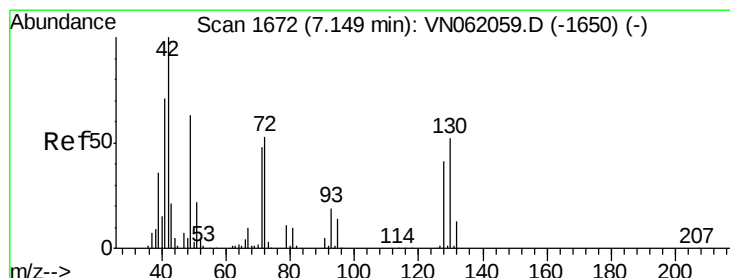
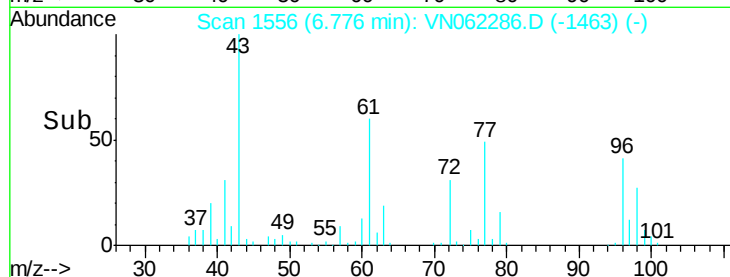
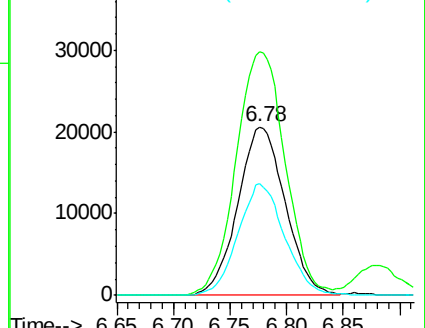
98 65.0 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062286.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062286.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062286.D (-1463) (-)



#28

Bromochloromethane

Concen: 21.601 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

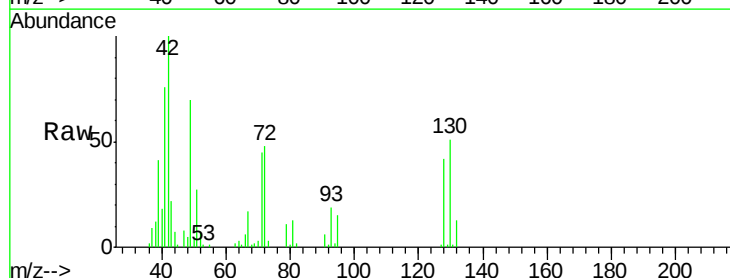
Tgt Ion: 49 Resp: 43166

Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.4

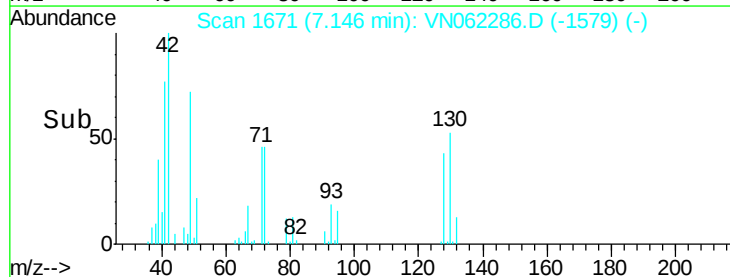
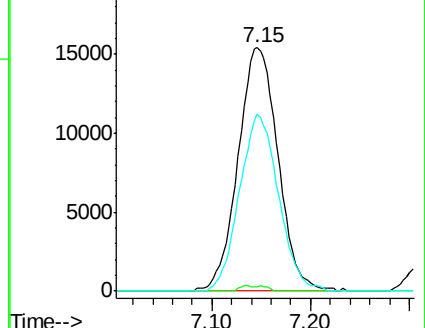
130 70.9 65.5 98.3

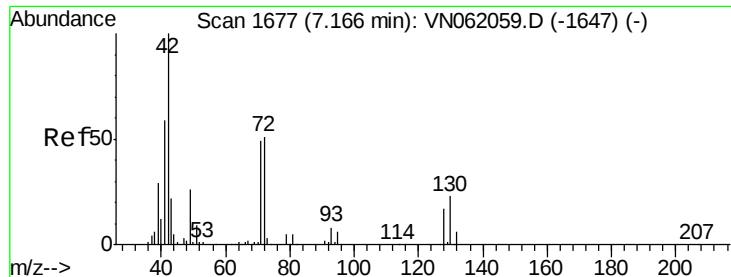


Abundance Ion 48.90 (48.60 to 49.60): VN062286.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062286.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062286.D (-1579) (-)

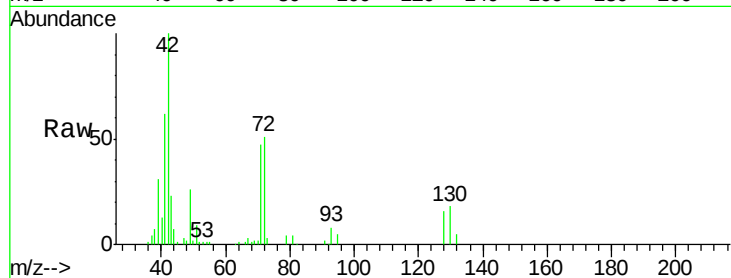




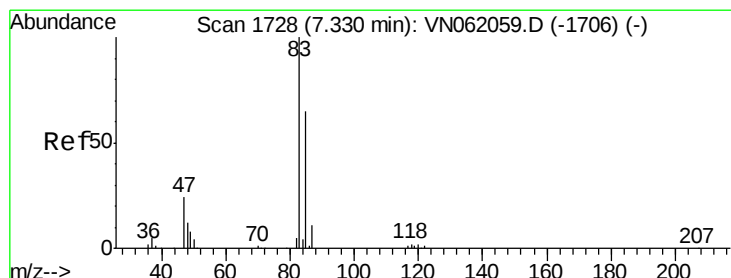
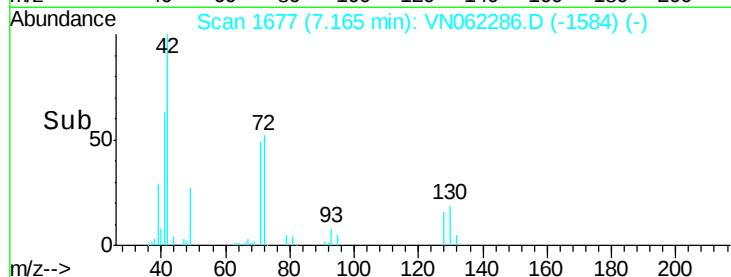
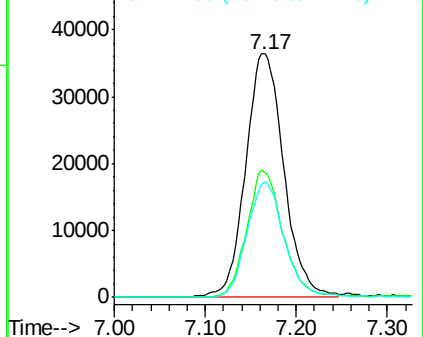
#29
Tetrahydrofuran
Concen: 117.537 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Tgt Ion: 42 Resp: 106120
Ion Ratio Lower Upper
42 100
72 49.1 41.1 61.7
71 46.0 38.2 57.4

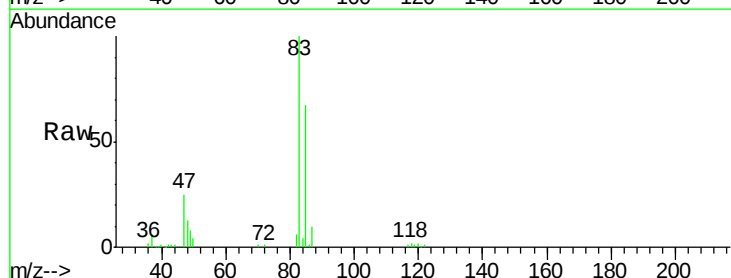


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

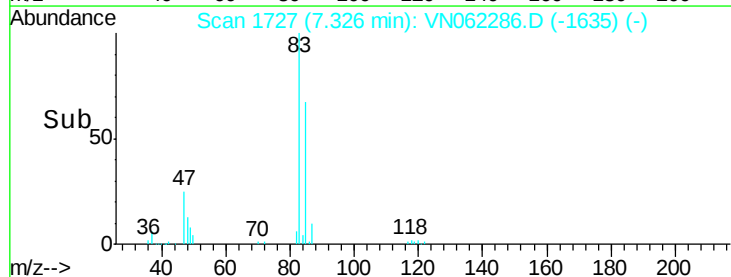
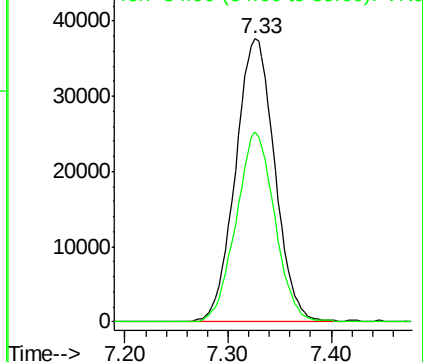


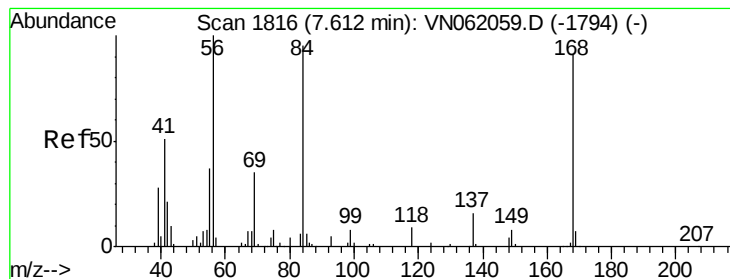
#30
Chloroform
Concen: 21.236 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion: 83 Resp: 99513
Ion Ratio Lower Upper
83 100
85 66.9 52.3 78.5



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





#31

Cyclohexane

Concen: 20.962 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

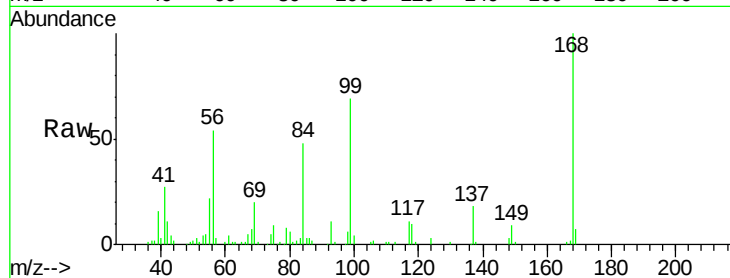
Tgt Ion: 56 Resp: 81668

Ion Ratio Lower Upper

56 100

69 36.6 28.0 42.0

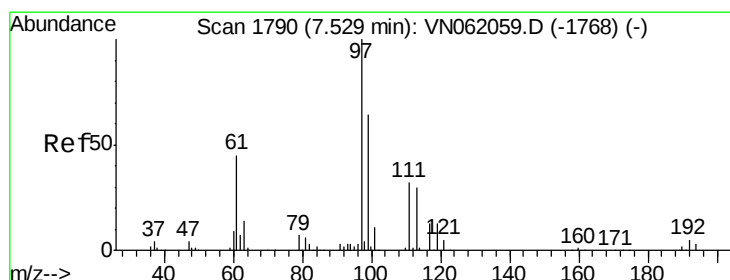
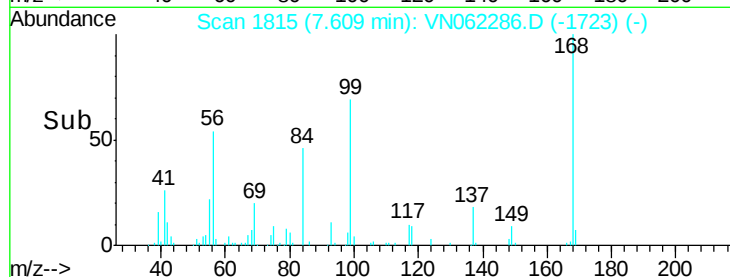
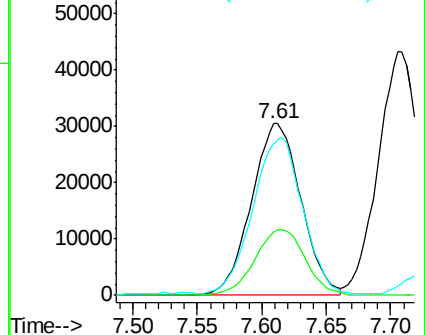
84 86.9 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062286.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062286.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062286.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 20.706 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

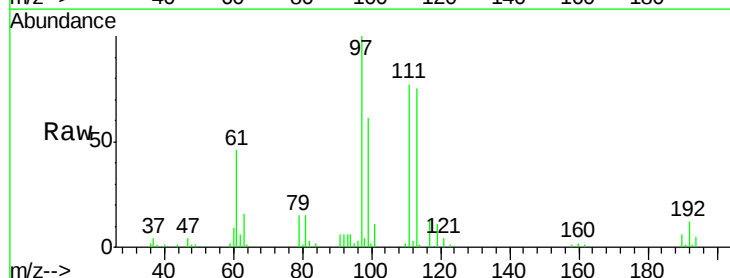
Tgt Ion: 97 Resp: 81829

Ion Ratio Lower Upper

97 100

99 61.9 51.0 76.4

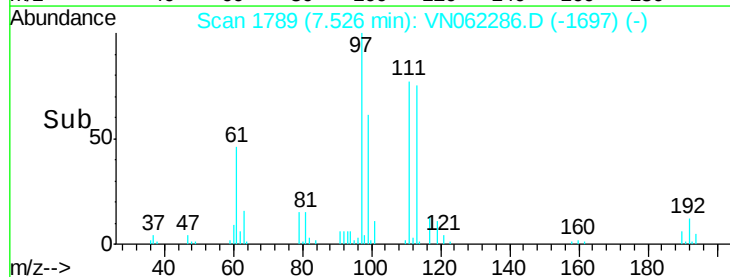
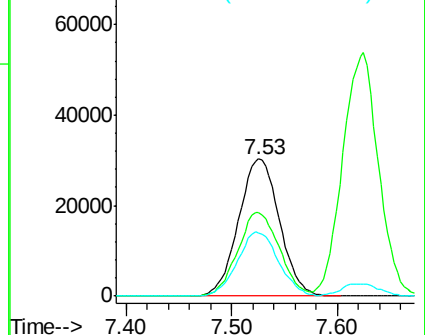
61 46.9 36.2 54.2

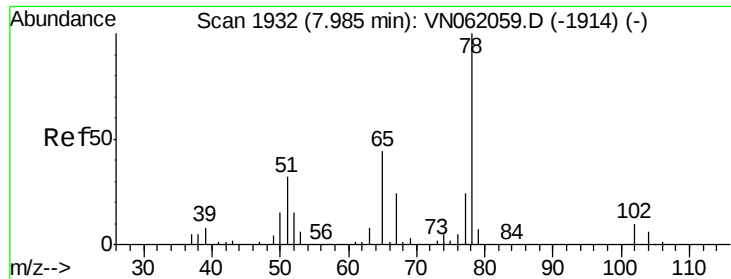


Abundance Ion 96.90 (96.60 to 97.60): VN062286.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062286.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062286.D (-1697) (-)

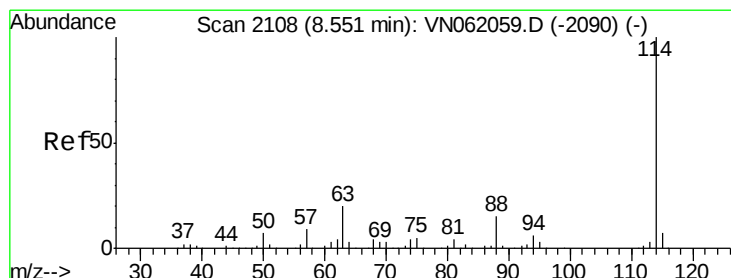
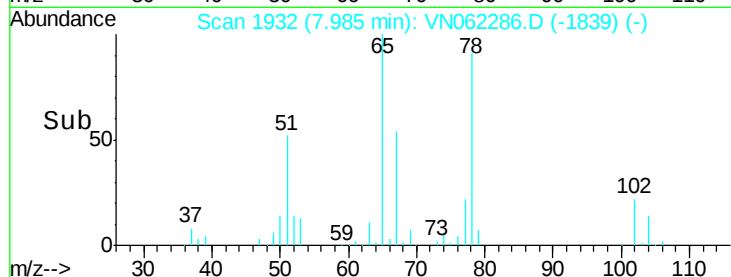
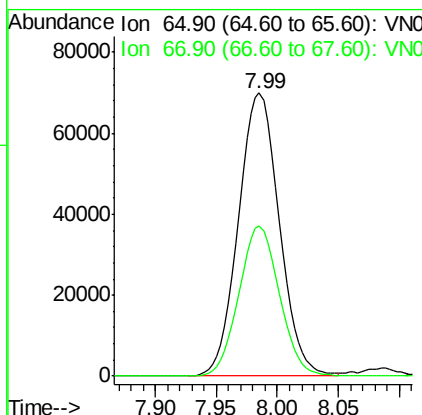
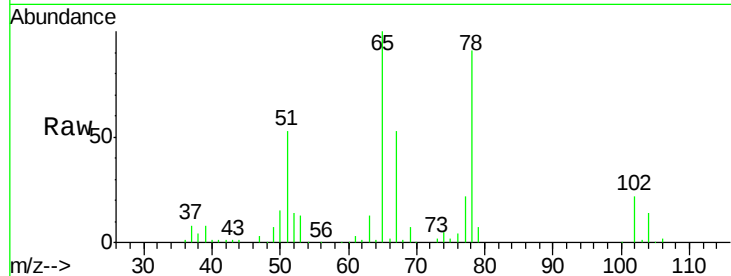




#33
 1,2-Dichloroethane-d4
 Concen: 57.626 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

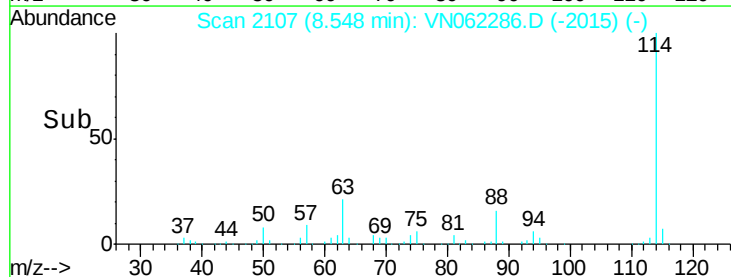
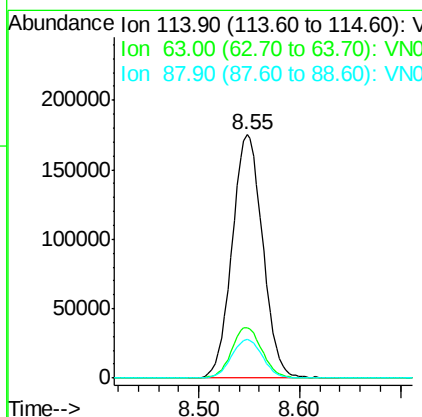
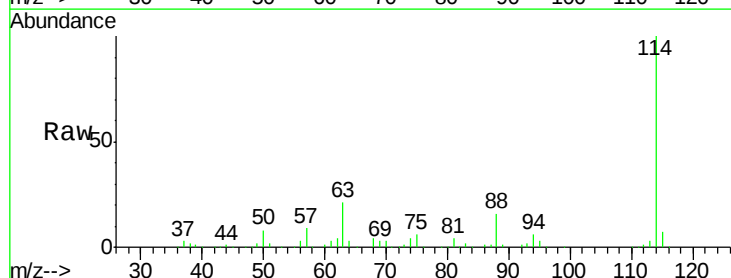
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Tgt Ion: 65 Resp: 162497
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion: 114 Resp: 369046
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 15.8 0.0 30.8

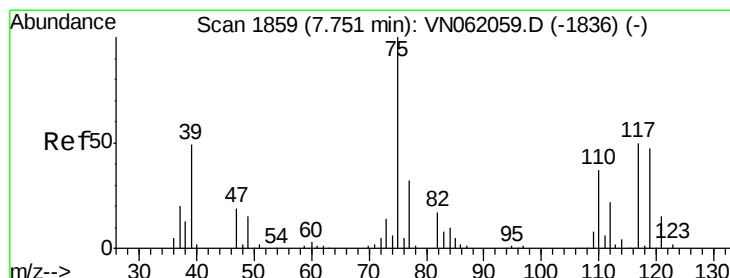
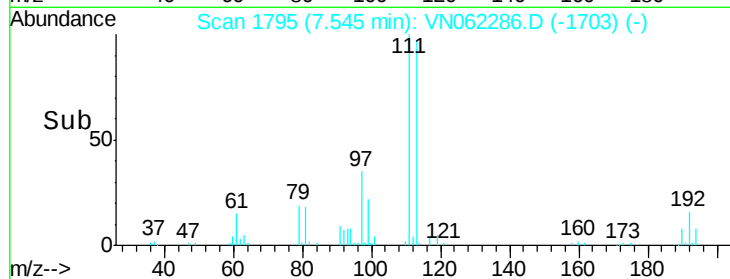
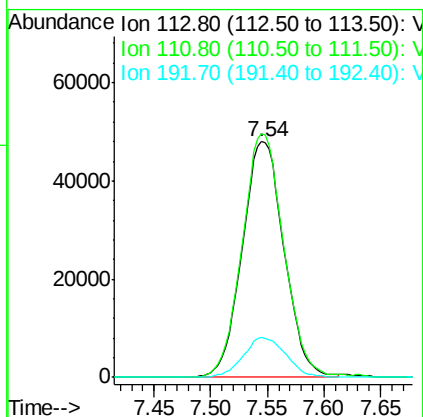
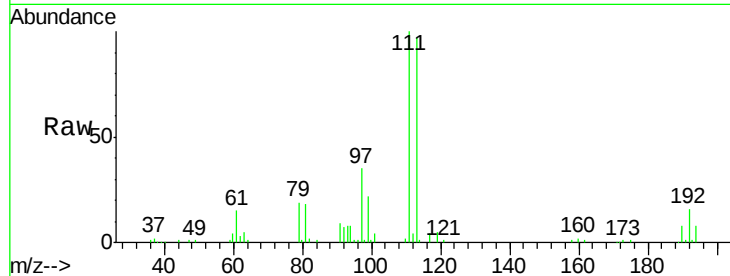




#35
 Dibromofluoromethane
 Concen: 52.172 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

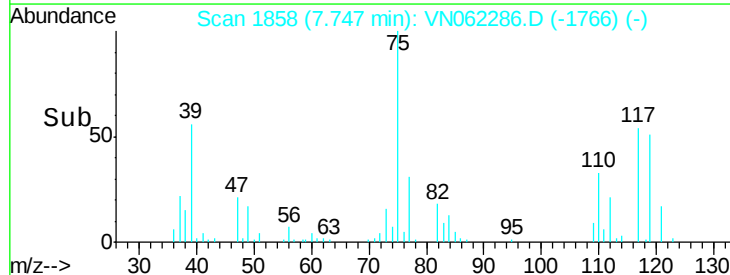
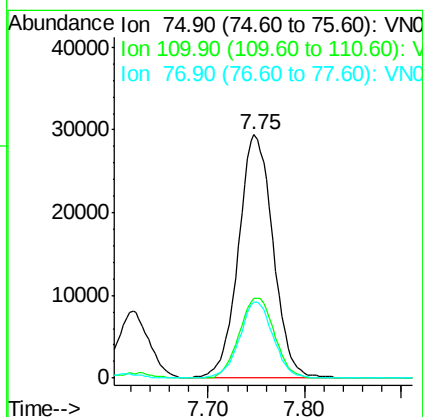
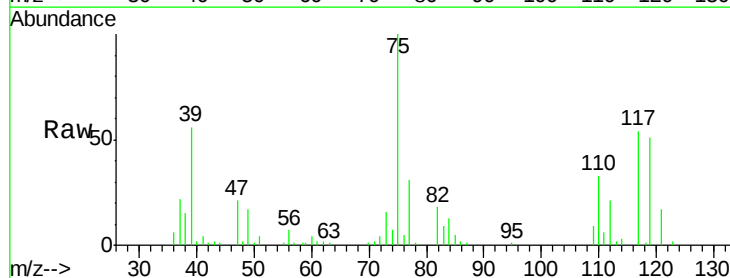
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Tgt Ion: 113 Resp: 123523
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 17.3 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 19.732 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion: 75 Resp: 73195
 Ion Ratio Lower Upper
 75 100
 110 33.3 17.9 53.8
 77 30.4 24.9 37.3

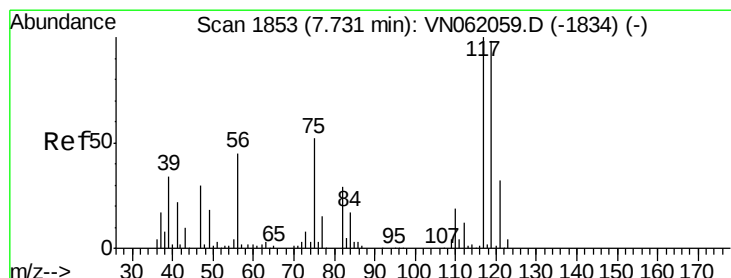
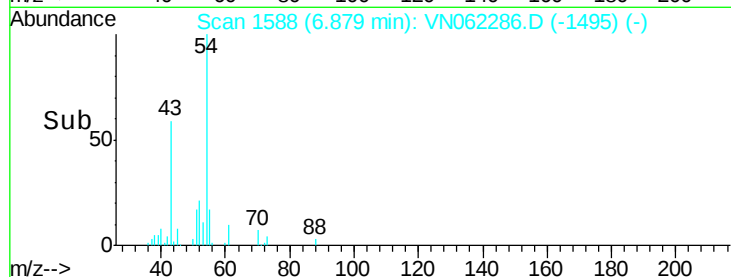
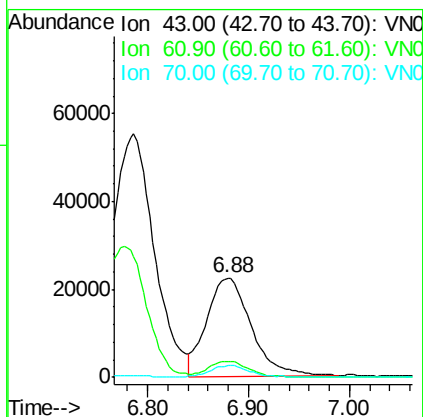
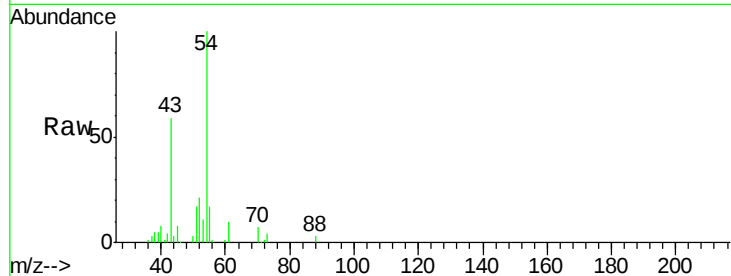




#37
 Ethyl Acetate
 Concen: 22.205 ug/l
 RT: 6.88 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

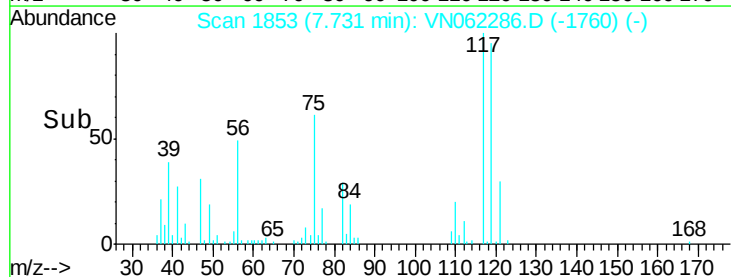
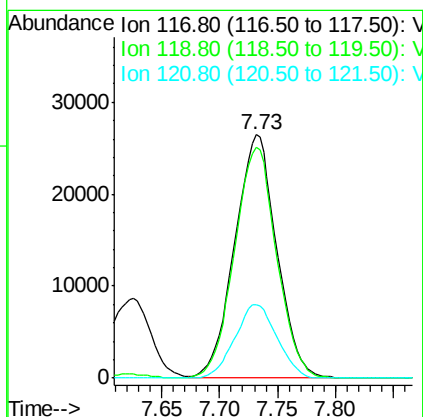
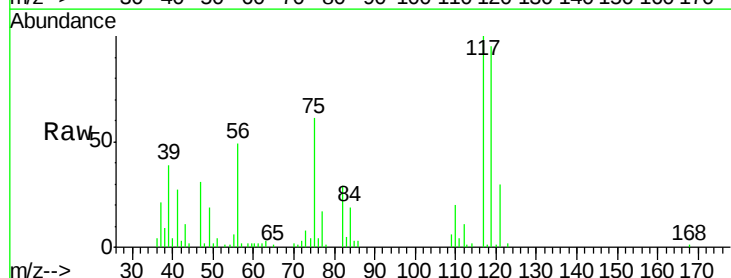
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Tgt Ion: 43 Resp: 68206
 Ion Ratio Lower Upper
 43 100
 61 15.2 12.0 18.0
 70 10.6 9.6 14.4



#38
 Carbon Tetrachloride
 Concen: 19.089 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion: 117 Resp: 66758
 Ion Ratio Lower Upper
 117 100
 119 94.8 78.2 117.2
 121 30.0 25.8 38.6

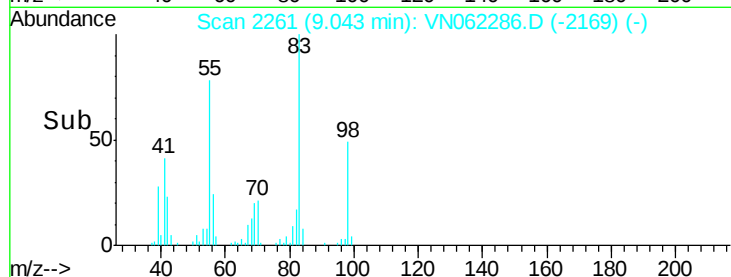
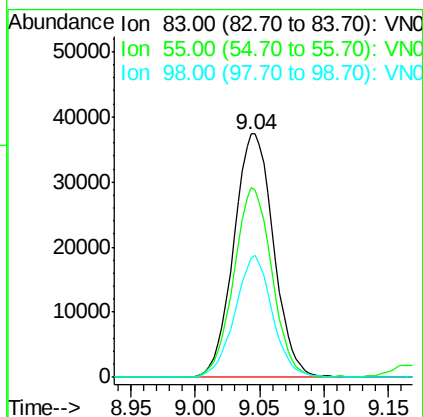
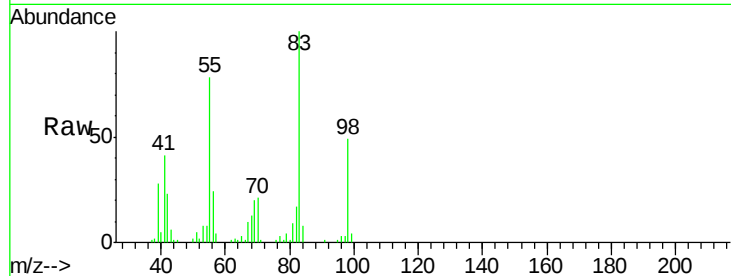




#39
Methylcyclohexane
Concen: 19.748 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

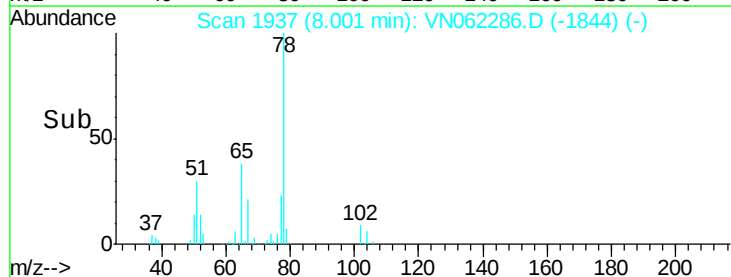
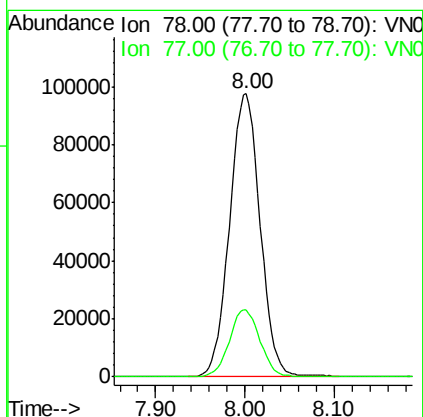
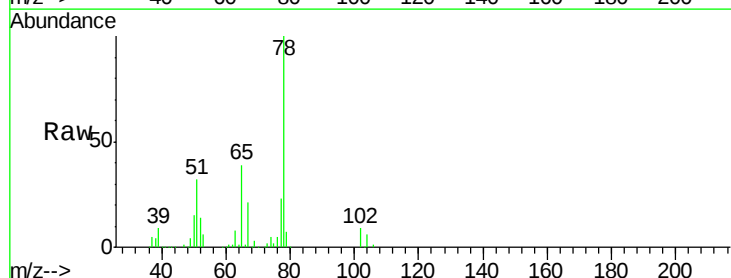
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

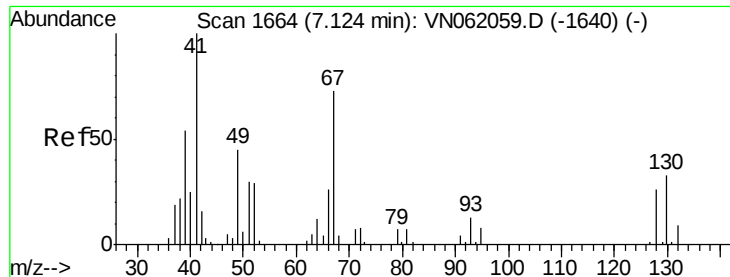
Tgt Ion: 83 Resp: 80265
Ion Ratio Lower Upper
83 100
55 78.0 57.0 85.6
98 49.1 39.0 58.6



#40
Benzene
Concen: 20.478 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion: 78 Resp: 231534
Ion Ratio Lower Upper
78 100
77 23.5 19.5 29.3

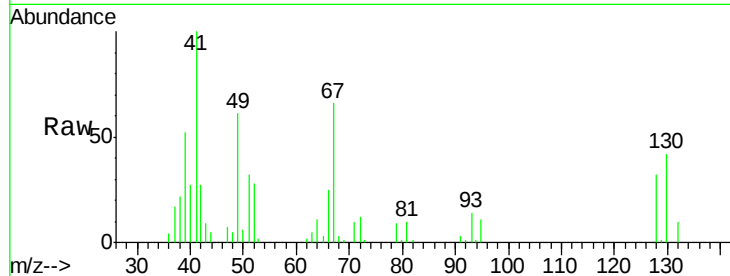




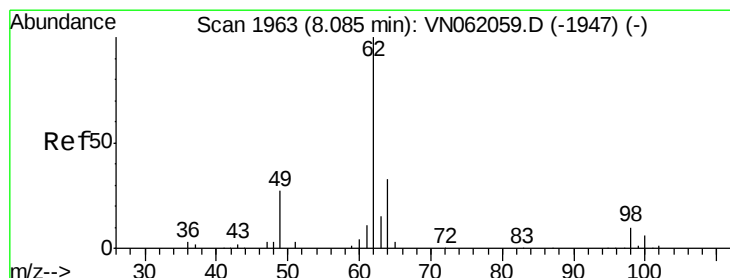
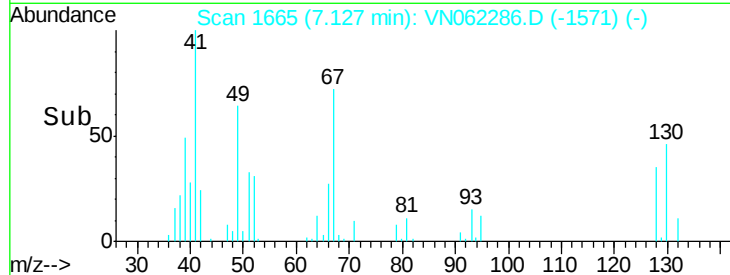
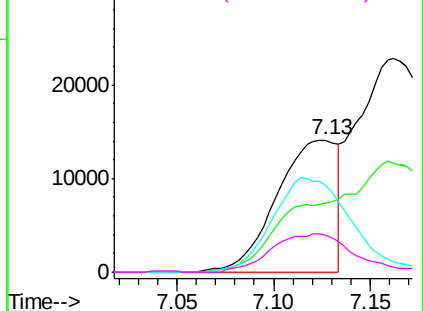
#41
Methacrylonitrile
Concen: 21.646 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampled :
VN0701WBSD01

Tgt Ion: 41 Resp: 30825
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.2#
67 93.7 79.5 119.3
52 40.1 32.3 48.5

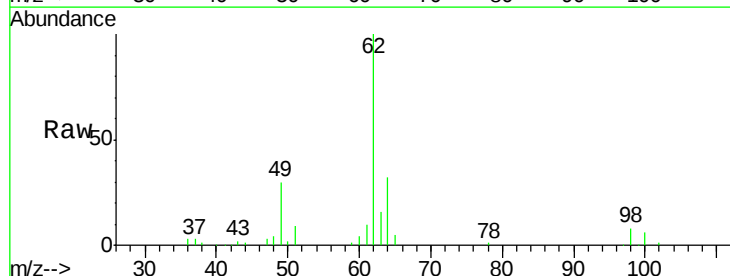


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

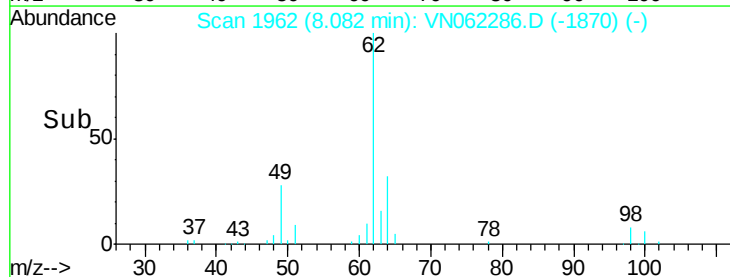
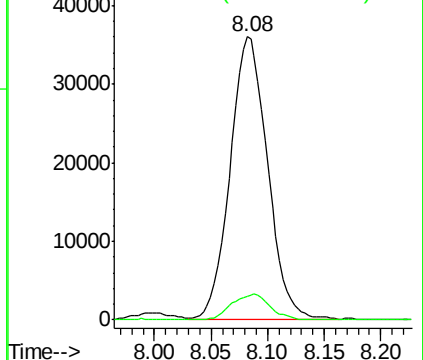


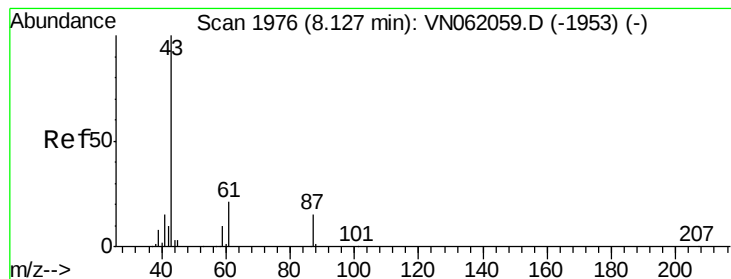
#42
1,2-Dichloroethane
Concen: 21.776 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion: 62 Resp: 83185
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8



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





#43

Isopropyl Acetate

Concen: 22.125 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

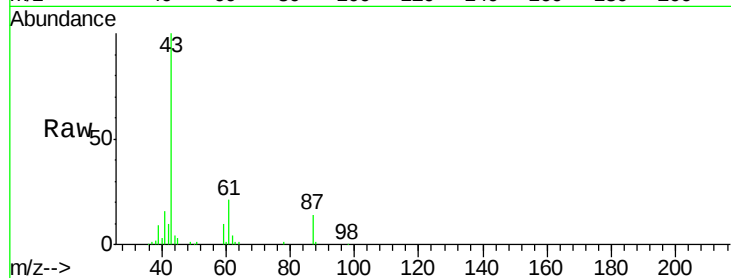
Tgt Ion: 43 Resp: 110786

Ion Ratio Lower Upper

43 100

61 28.9 17.2 25.8#

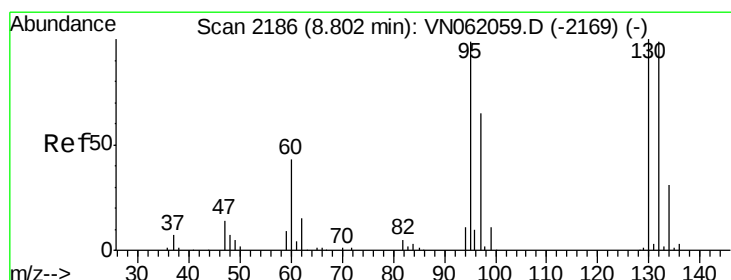
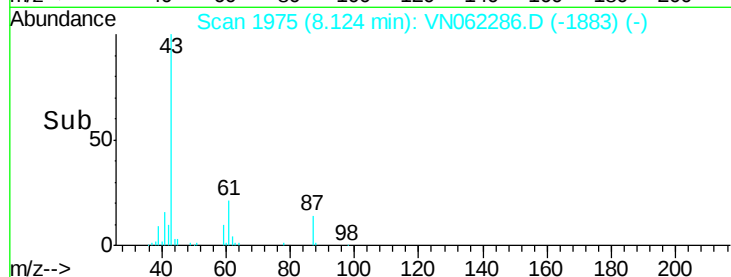
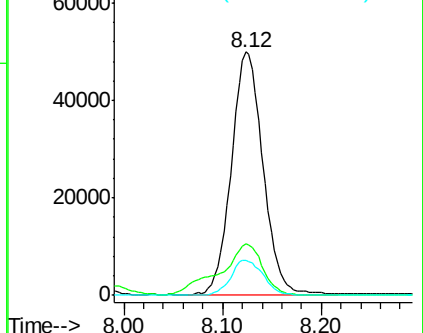
87 14.7 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 18.409 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062286.D

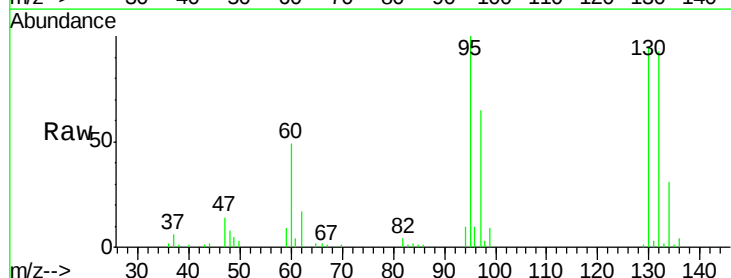
Acq: 1 Jul 2020 12:50

Tgt Ion: 130 Resp: 52504

Ion Ratio Lower Upper

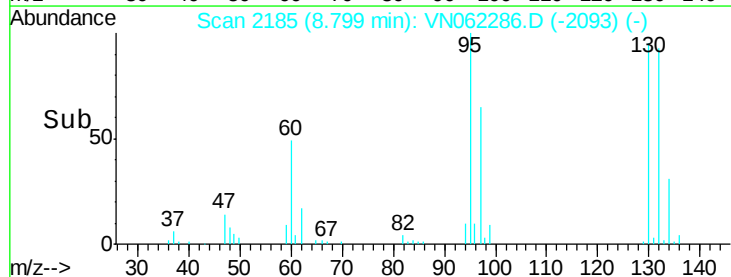
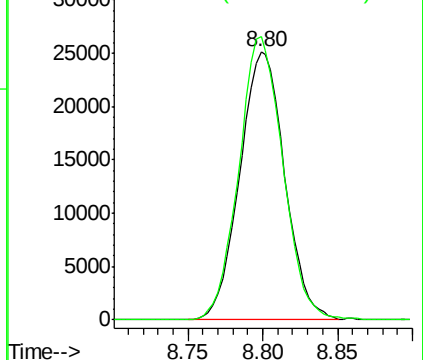
130 100

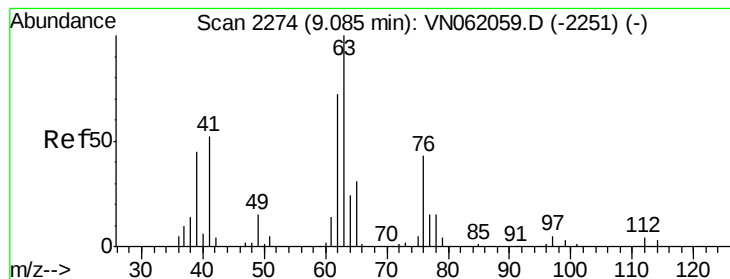
95 105.6 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 21.720 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

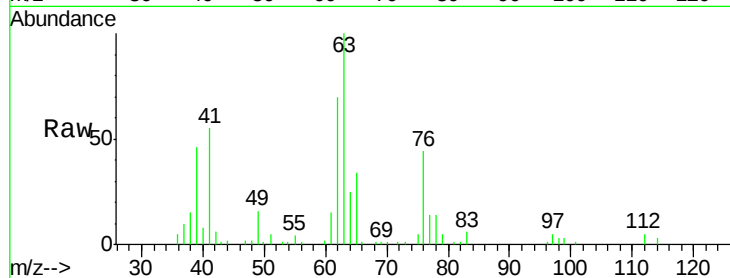
VN0701WBSD01

Tgt Ion: 63 Resp: 60585

Ion Ratio Lower Upper

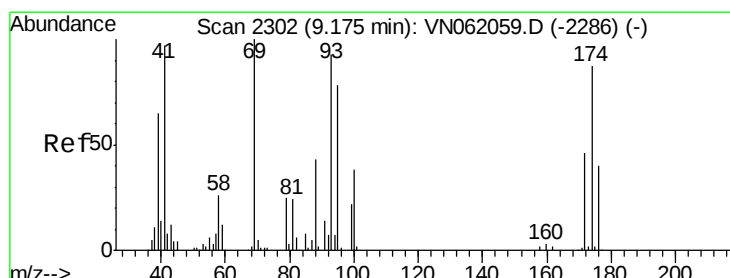
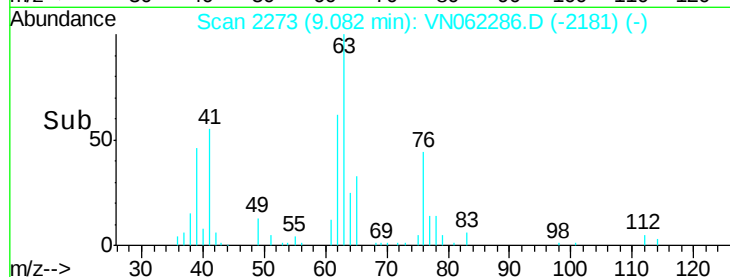
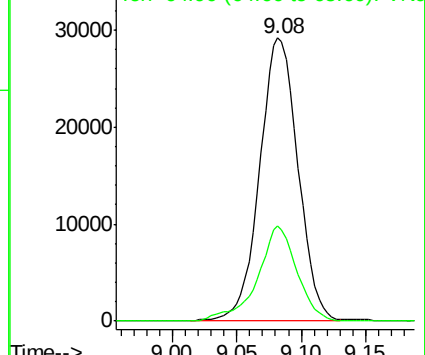
63 100

65 33.9 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.905 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

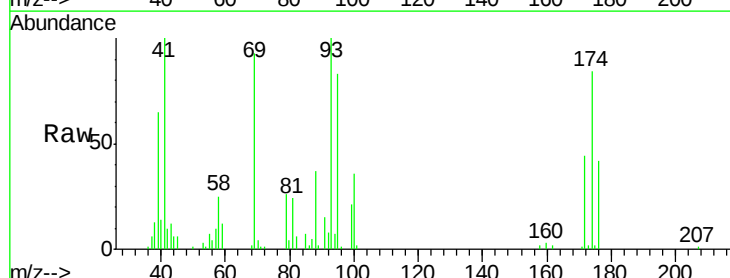
Tgt Ion: 93 Resp: 39534

Ion Ratio Lower Upper

93 100

95 83.9 67.0 100.6

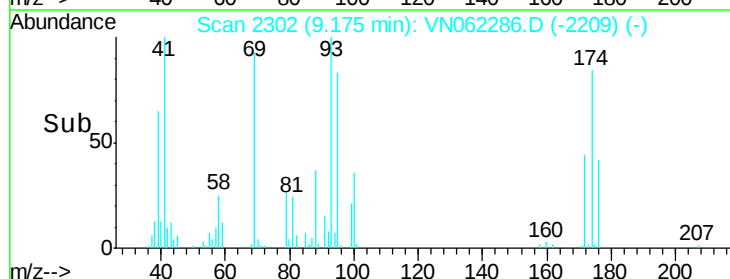
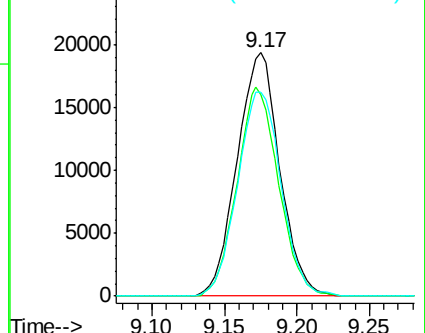
174 86.0 74.4 111.6

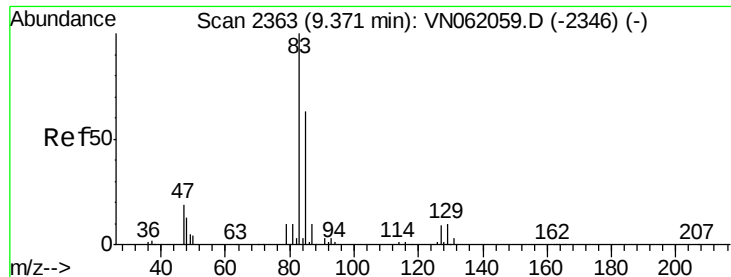


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.875 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

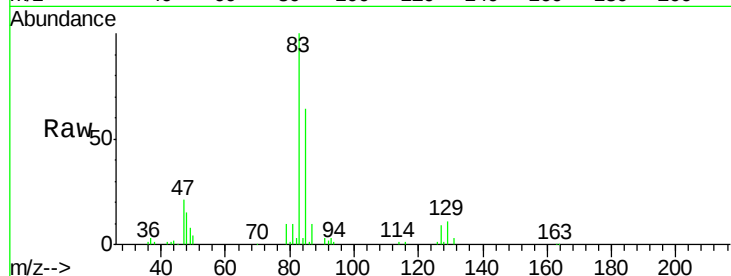
Tgt Ion: 83 Resp: 79712

Ion Ratio Lower Upper

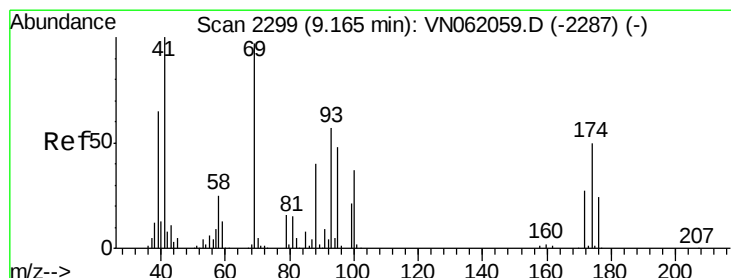
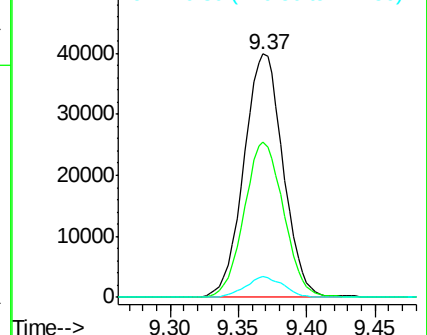
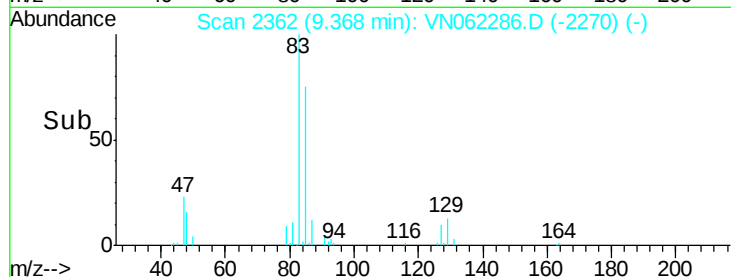
83 100

85 63.9 50.3 75.5

127 8.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062286.D (-2270) (-)



#48

Methyl methacrylate

Concen: 22.271 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

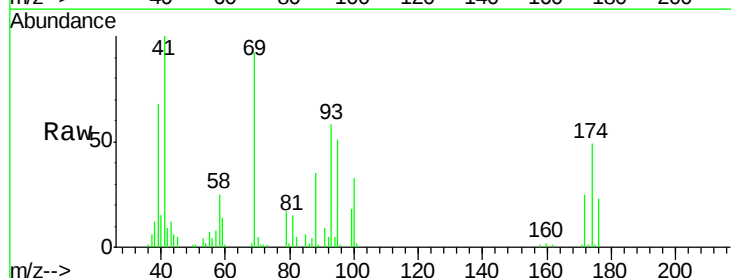
Tgt Ion: 41 Resp: 50001

Ion Ratio Lower Upper

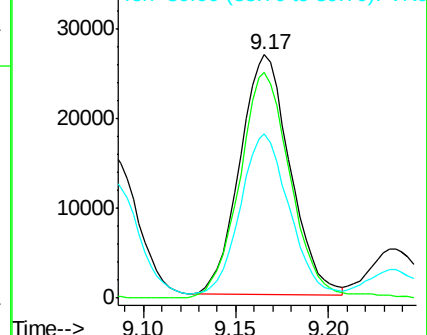
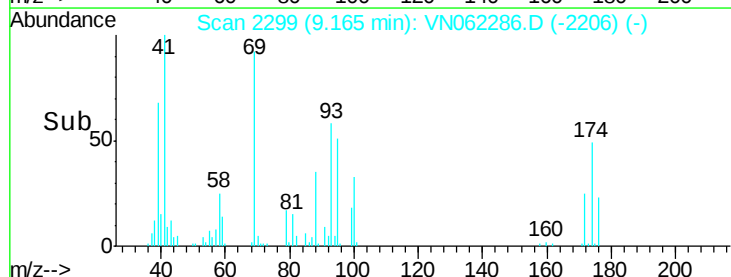
41 100

69 95.8 80.7 121.1

39 68.5 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062286.D (-2206) (-)

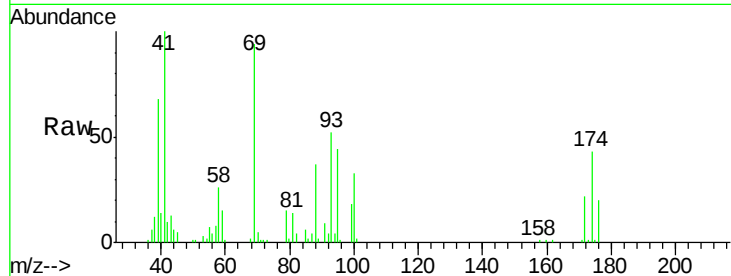




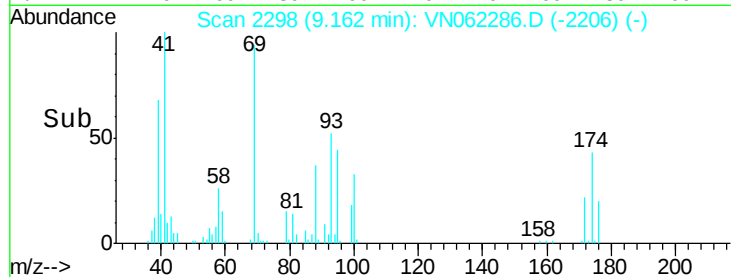
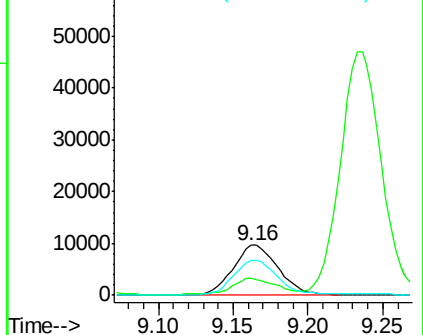
#49
1,4-Dioxane
Concen: 410.056 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Tgt Ion: 88 Resp: 20416
Ion Ratio Lower Upper
88 100
43 34.9 22.0 33.0#
58 67.6 49.2 73.8

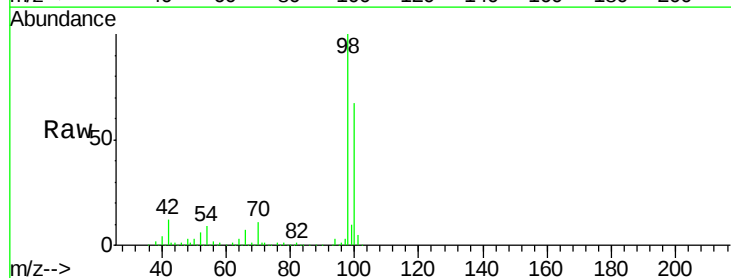


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

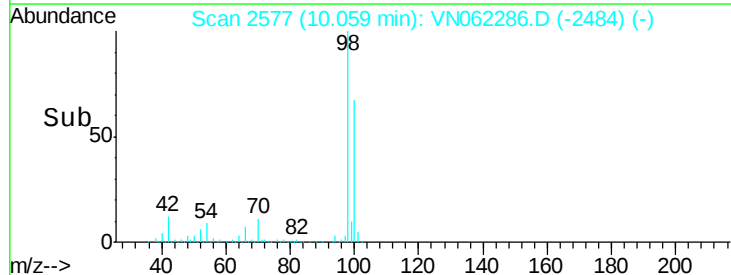
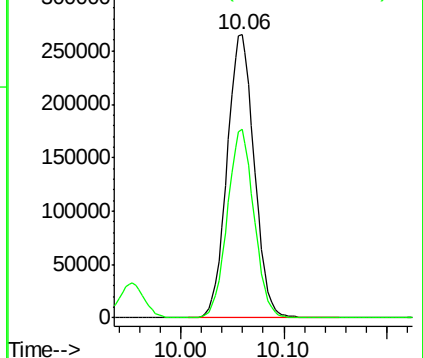


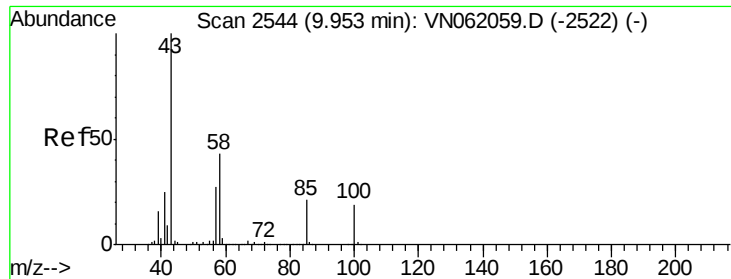
#50
Toluene-d8
Concen: 51.600 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion: 98 Resp: 488348
Ion Ratio Lower Upper
98 100
100 65.1 51.2 76.8



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

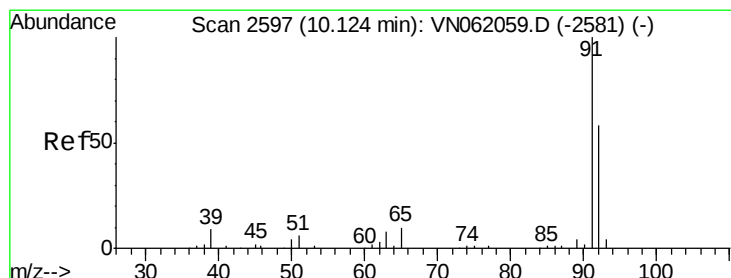
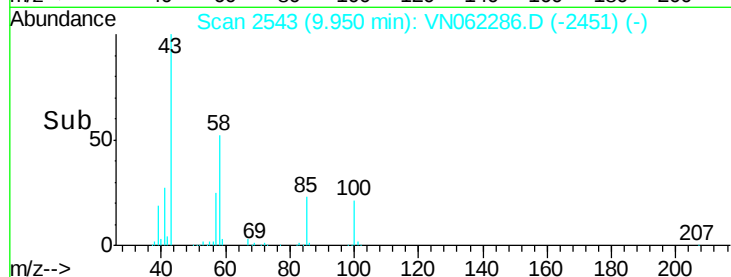
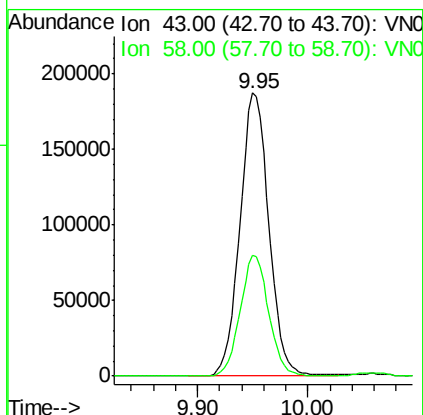
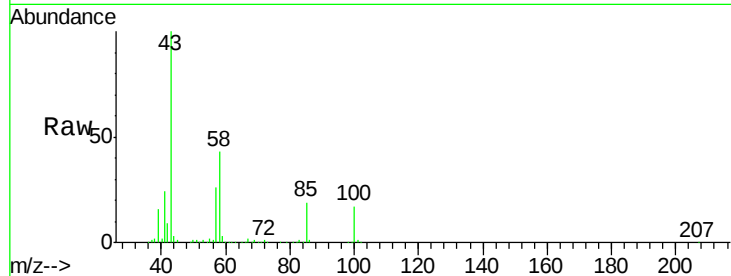




#51
 4-Methyl-2-Pentanone
 Concen: 116.323 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

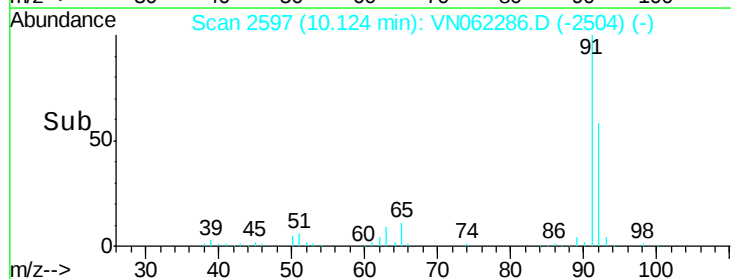
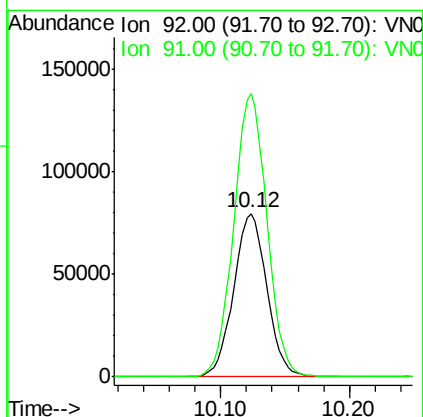
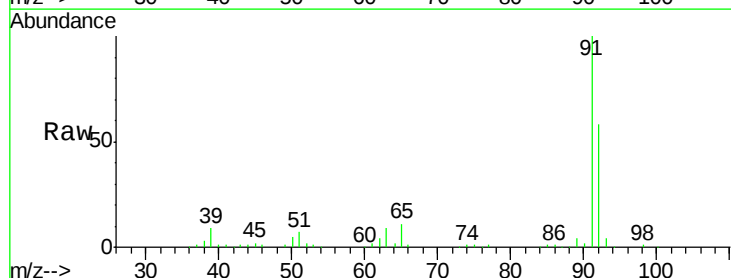
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Tgt Ion: 43 Resp: 340306
 Ion Ratio Lower Upper
 43 100
 58 41.9 34.2 51.2



#52
 Toluene
 Concen: 20.649 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion: 92 Resp: 142445
 Ion Ratio Lower Upper
 92 100
 91 173.8 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 20.401 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

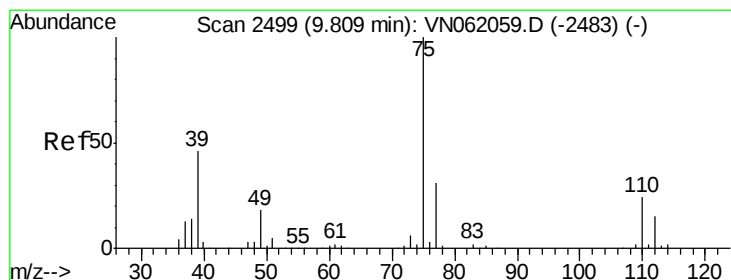
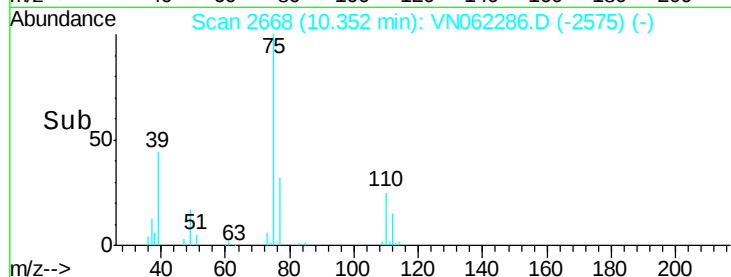
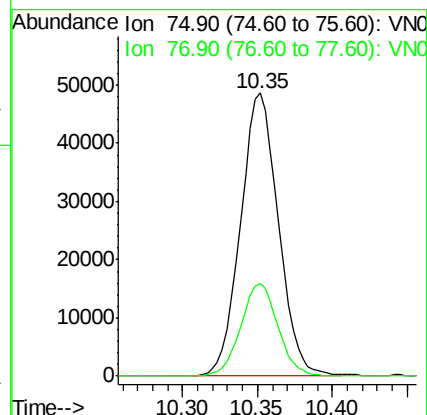
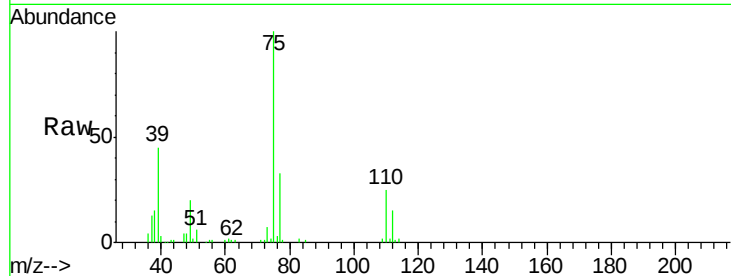
VN0701WBSD01

Tgt Ion: 75 Resp: 85708

Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 21.310 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

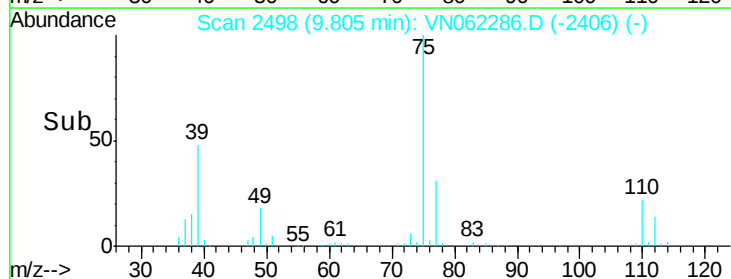
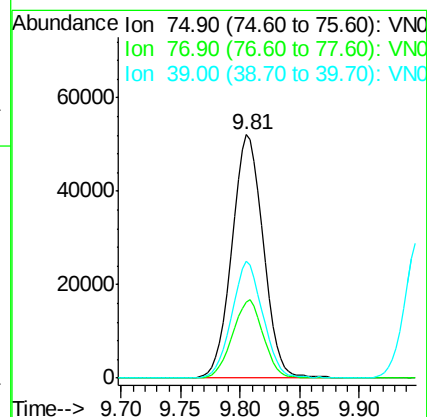
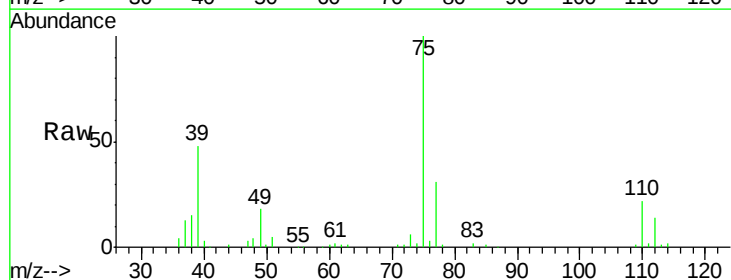
Tgt Ion: 75 Resp: 95314

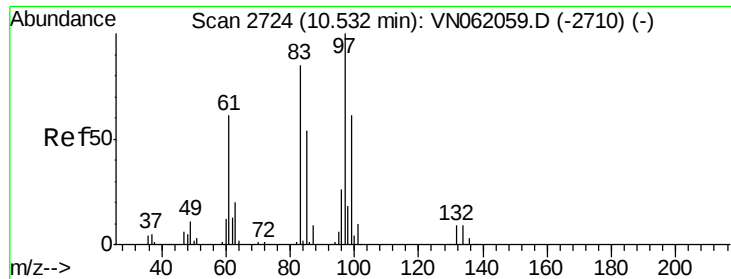
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 48.0 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 21.218 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

Tgt Ion: 97 Resp: 57538

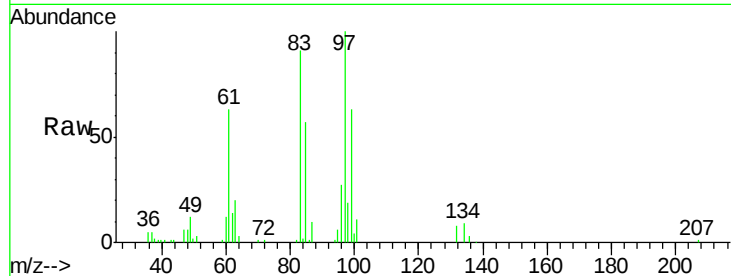
Ion Ratio Lower Upper

97 100

83 90.8 68.2 102.2

85 56.8 43.2 64.8

99 62.9 48.5 72.7

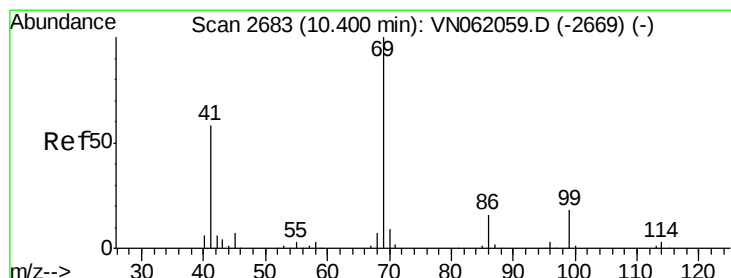
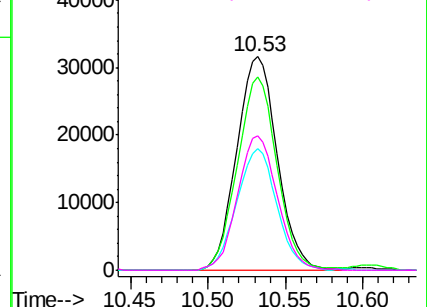
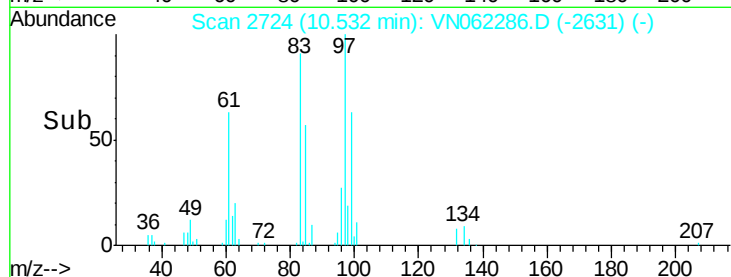


Abundance Ion 96.90 (96.60 to 97.60): VN062286.D (-2631) (-)

Ion 82.90 (82.60 to 83.60): VN062286.D (-2631) (-)

Ion 84.90 (84.60 to 85.60): VN062286.D (-2631) (-)

Ion 98.90 (98.60 to 99.60): VN062286.D (-2631) (-)



#56

Ethyl methacrylate

Concen: 21.970 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

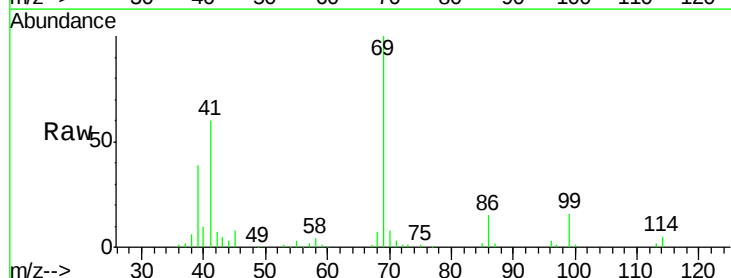
Tgt Ion: 69 Resp: 79510

Ion Ratio Lower Upper

69 100

41 59.3 46.6 70.0

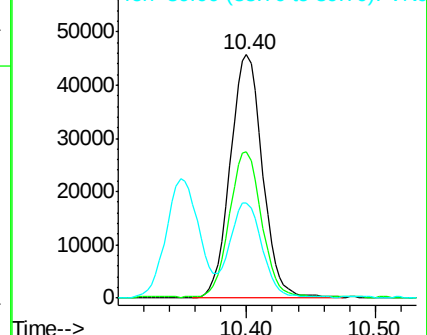
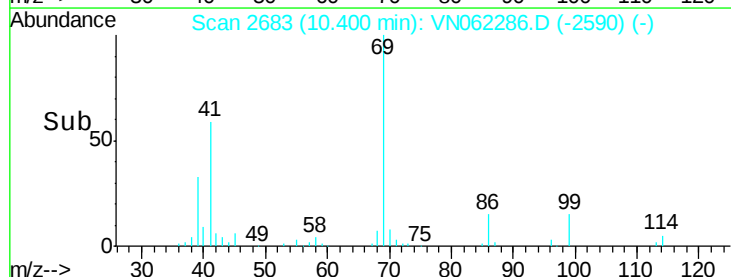
39 38.4 31.0 46.4

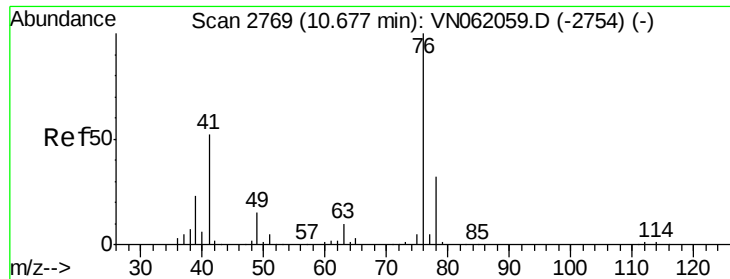


Abundance Ion 69.00 (68.70 to 69.70): VN062286.D (-2590) (-)

Ion 41.00 (40.70 to 41.70): VN062286.D (-2590) (-)

Ion 39.00 (38.70 to 39.70): VN062286.D (-2590) (-)

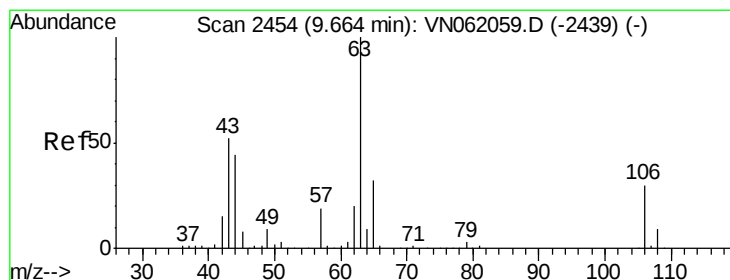
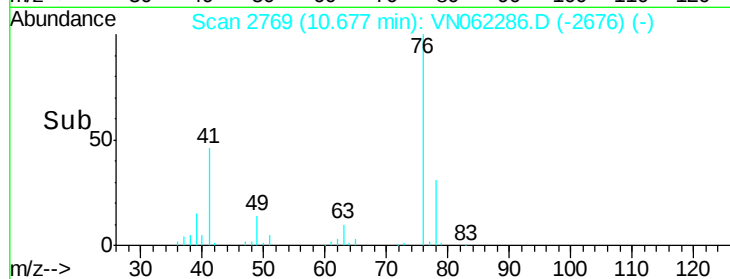
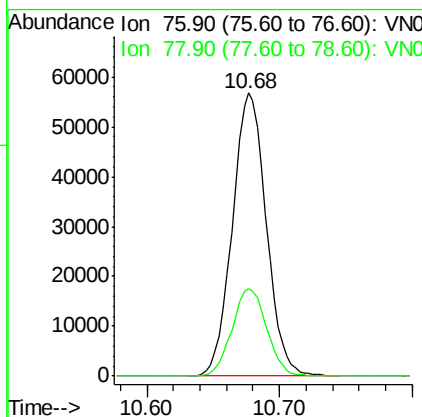
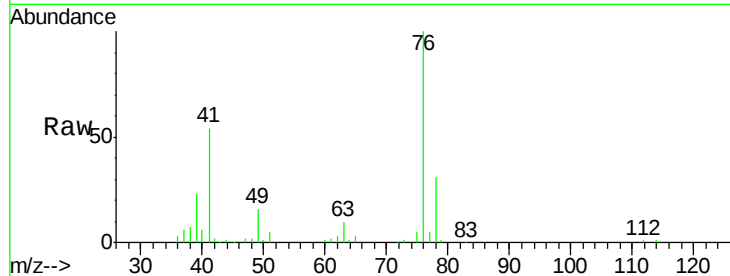




#57
 1,3-Dichloropropane
 Concen: 21.591 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

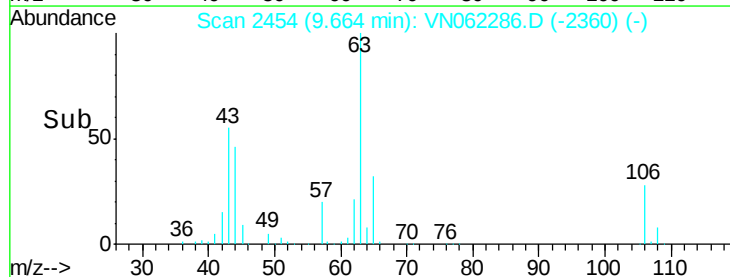
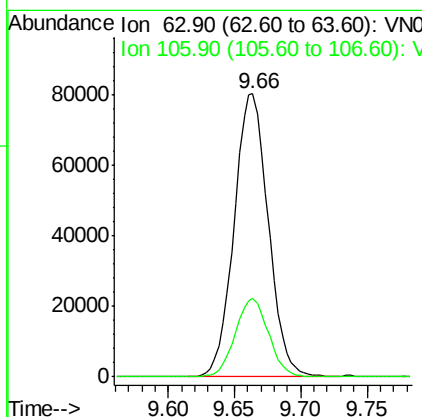
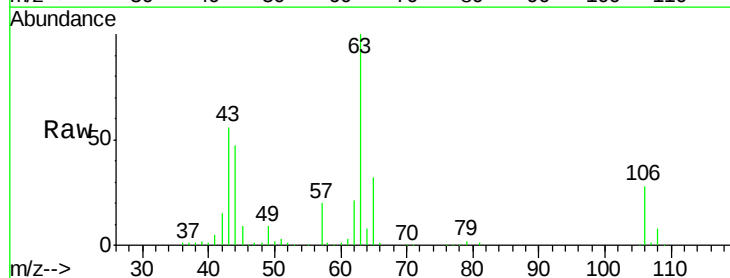
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

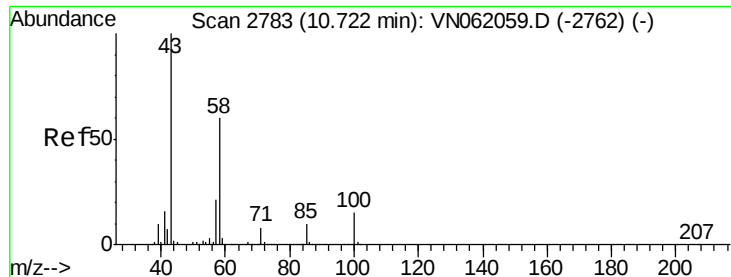
Tgt Ion: 76 Resp: 100778
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.393 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion: 63 Resp: 143755
 Ion Ratio Lower Upper
 63 100
 106 27.0 23.2 34.8

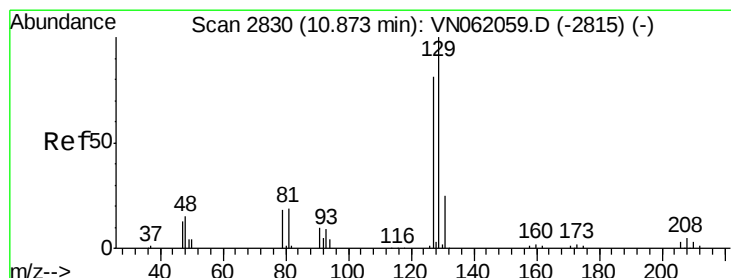
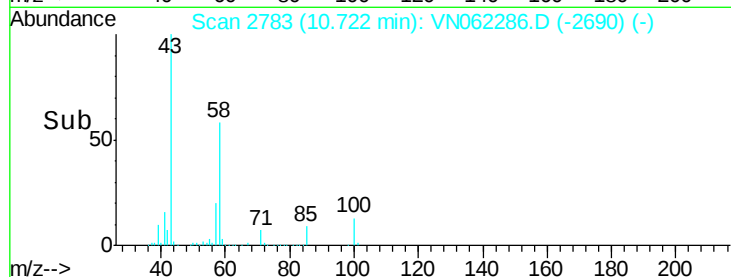
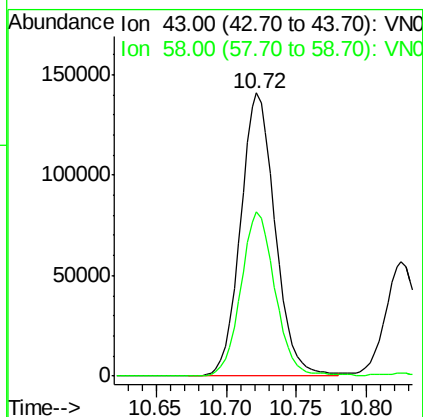
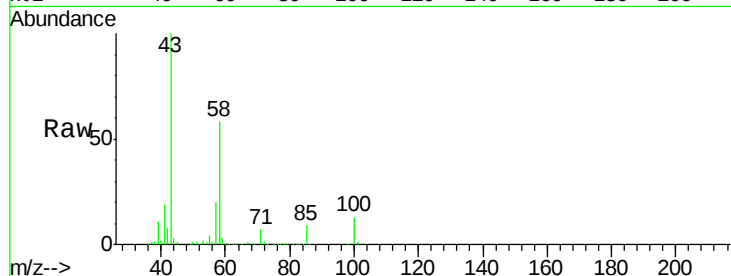




#59
2-Hexanone
Concen: 113.694 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

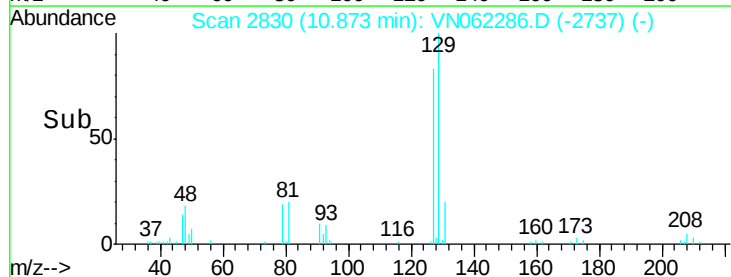
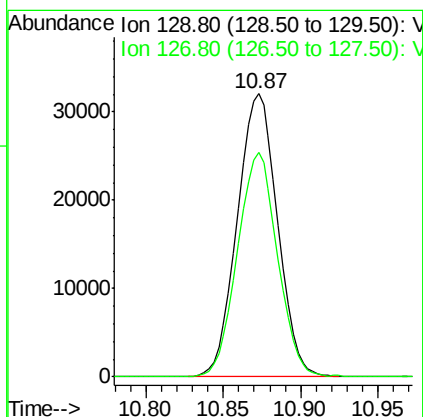
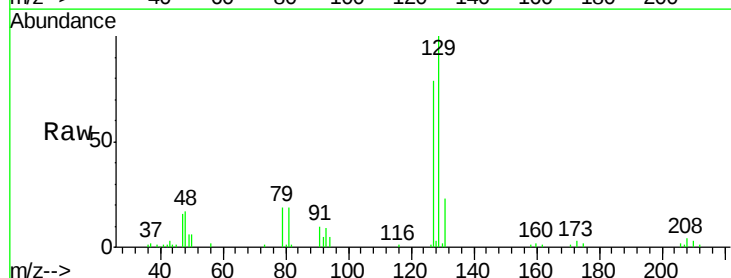
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

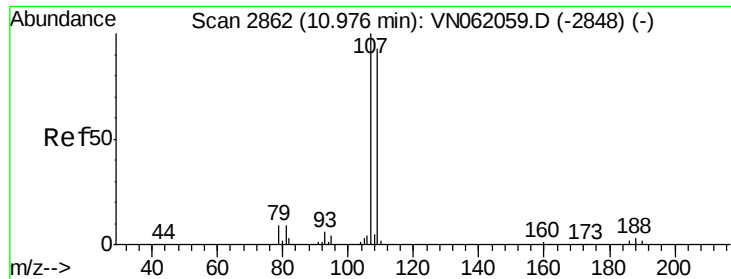
Tgt Ion: 43 Resp: 240181
Ion Ratio Lower Upper
43 100
58 57.9 29.5 88.5



#60
Dibromochloromethane
Concen: 20.215 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion: 129 Resp: 58036
Ion Ratio Lower Upper
129 100
127 78.6 39.5 118.5

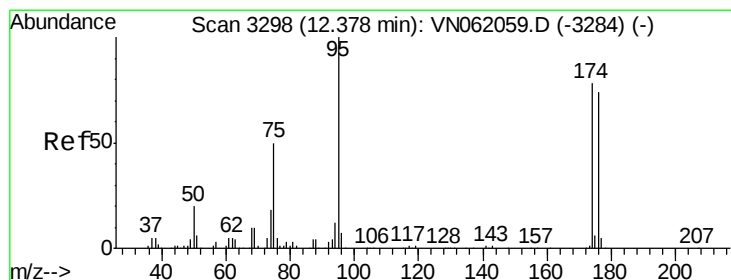
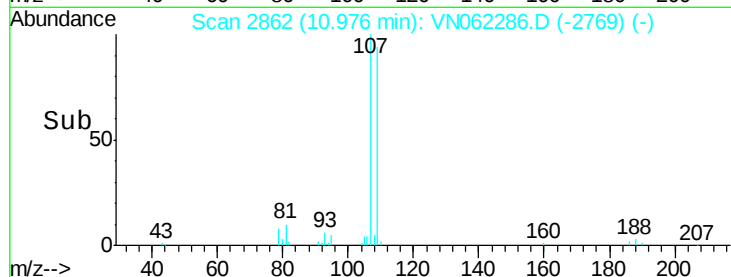
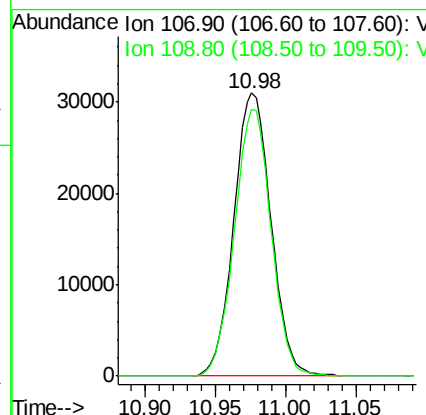
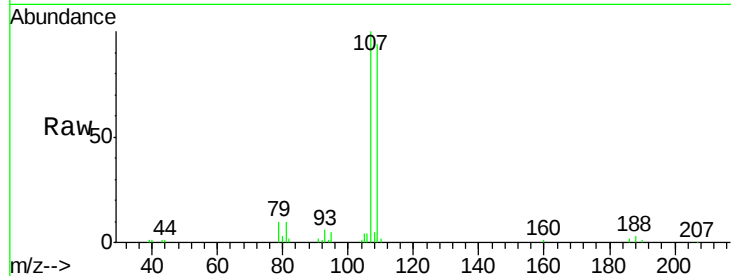




#61
 1,2-Dibromoethane
 Concen: 20.558 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

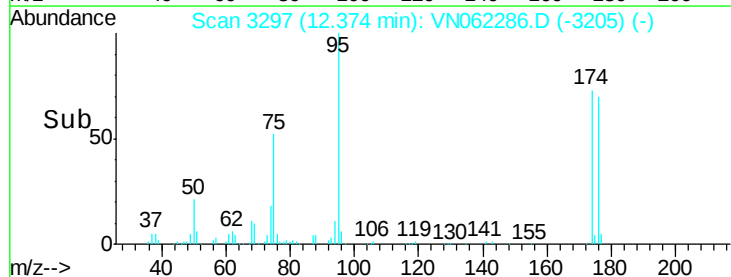
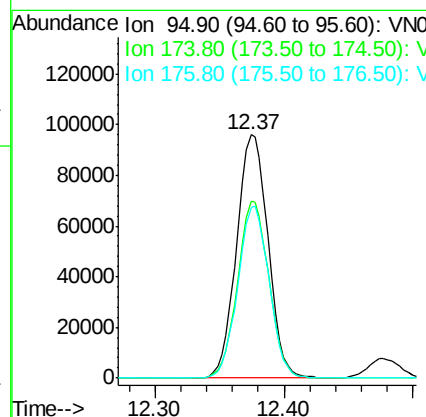
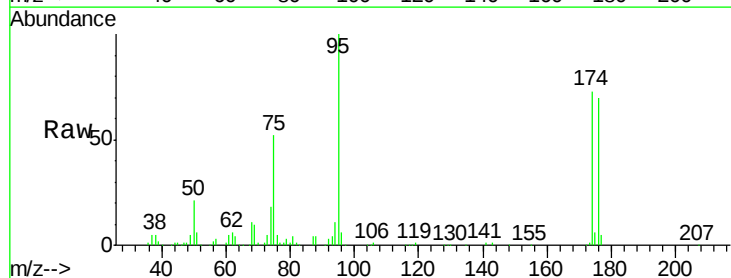
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

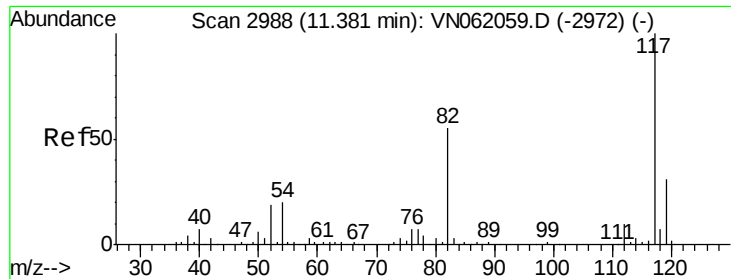
Tgt Ion: 107 Resp: 57283
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.934 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion: 95 Resp: 162862
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 154.8
 176 70.1 0.0 147.4

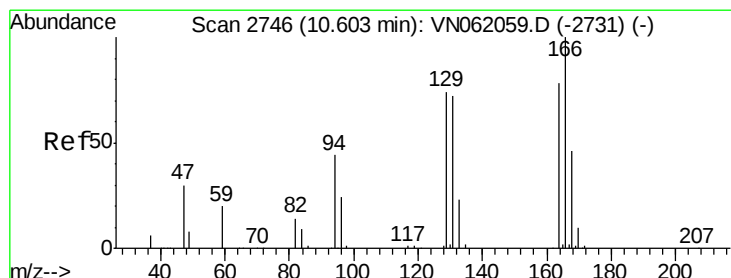
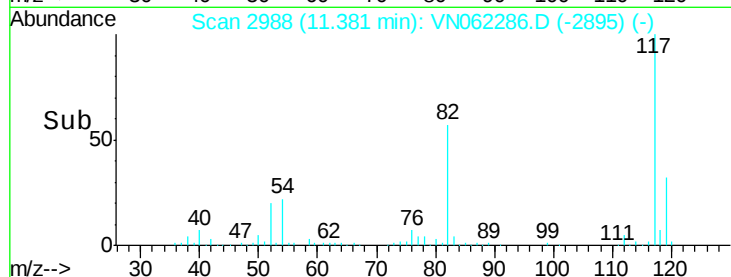
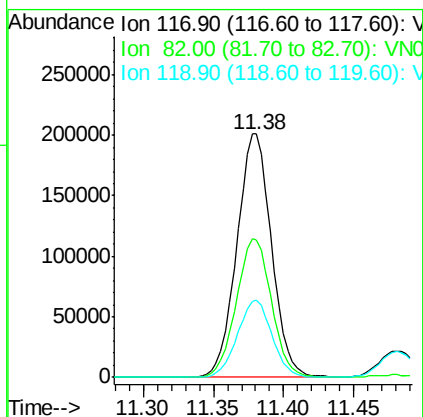
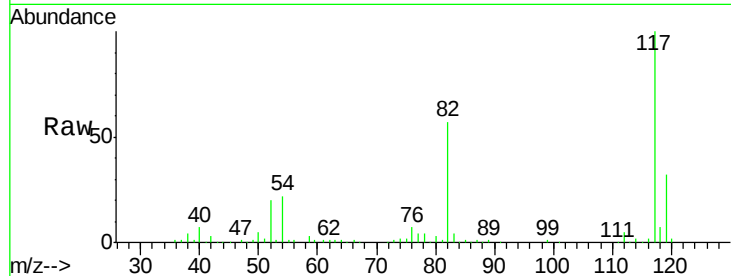




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

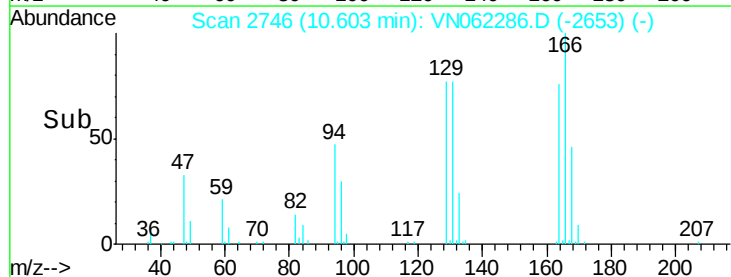
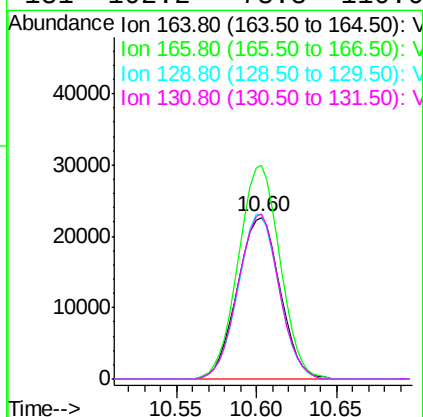
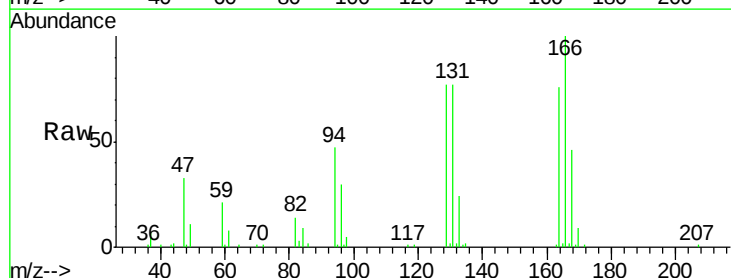
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

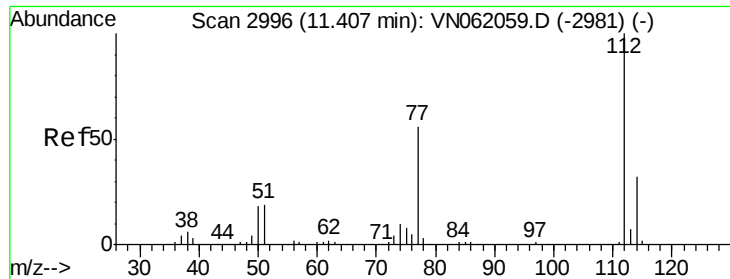
Tgt Ion:117 Resp: 346260
Ion Ratio Lower Upper
117 100
82 56.6 43.8 65.8
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 17.476 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion:164 Resp: 41335
Ion Ratio Lower Upper
164 100
166 132.0 102.9 154.3
129 101.6 75.8 113.8
131 102.2 73.8 110.6

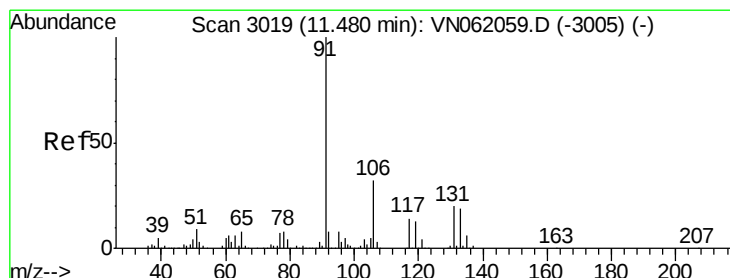
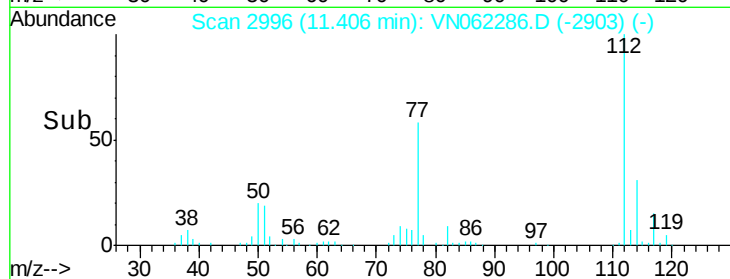
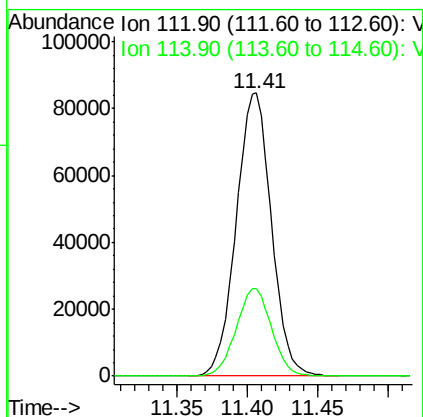
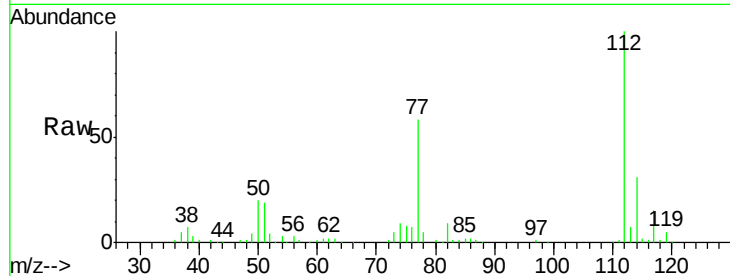




#65
Chlorobenzene
Concen: 19.439 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

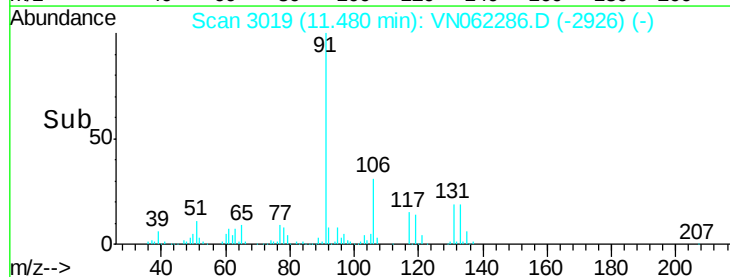
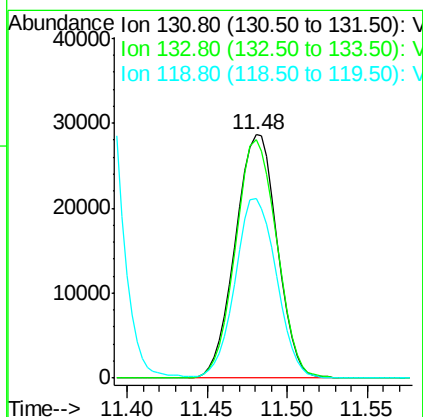
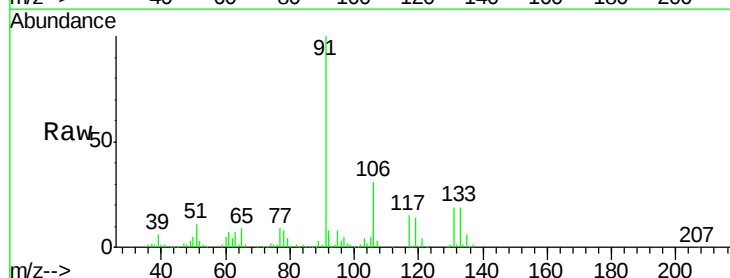
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

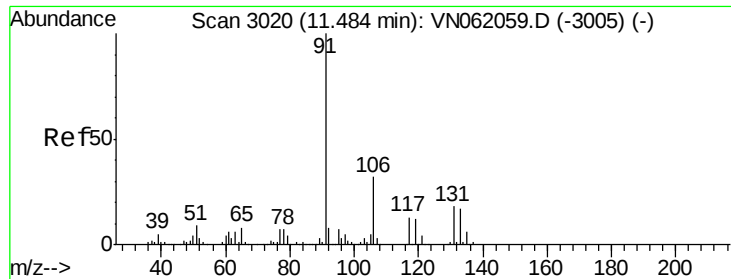
Tgt Ion:112 Resp: 147809
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.443 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion:131 Resp: 51123
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.9
119 72.8 34.4 103.3

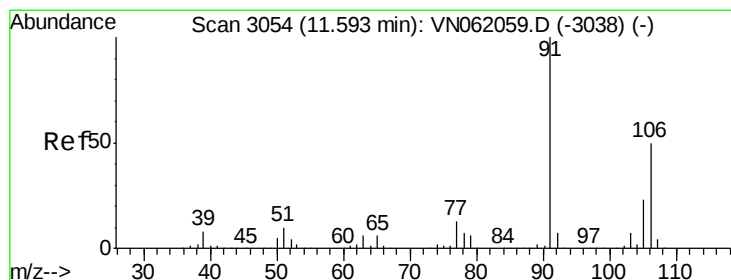
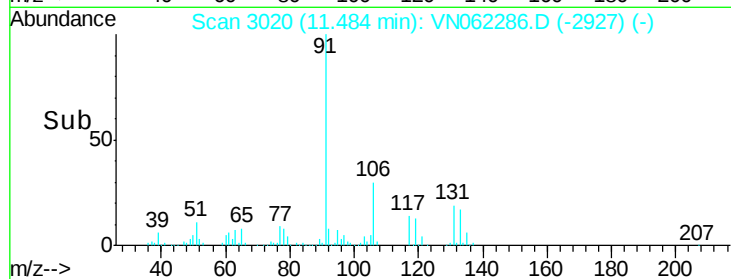
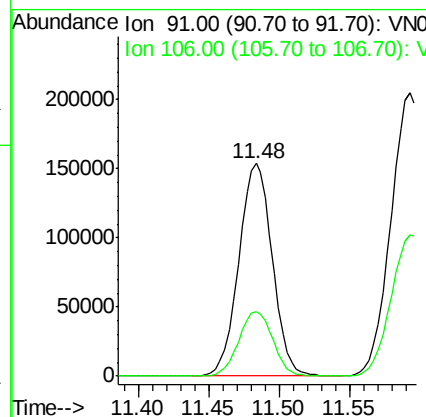
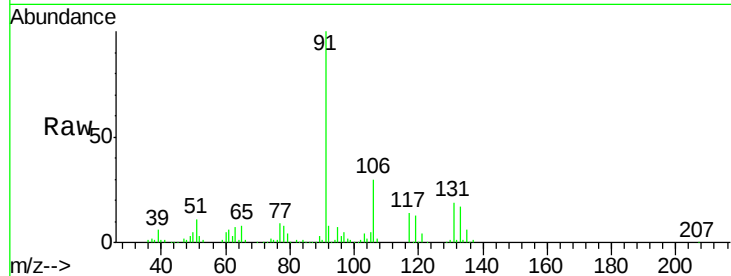




#67
Ethyl Benzene
Concen: 19.907 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

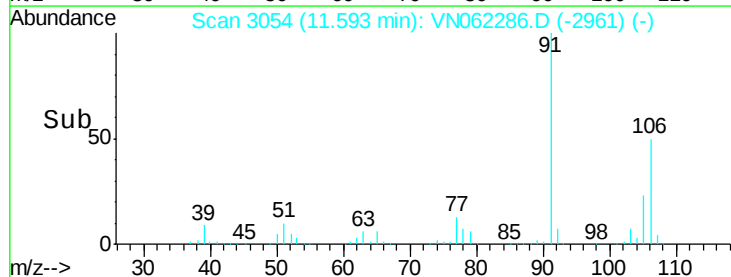
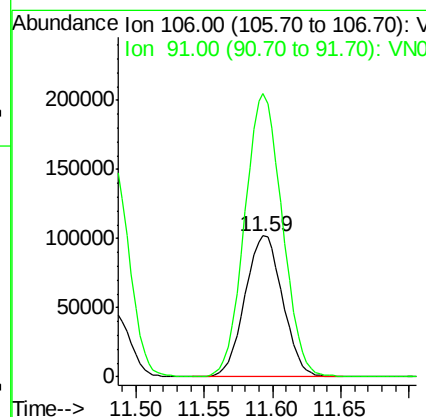
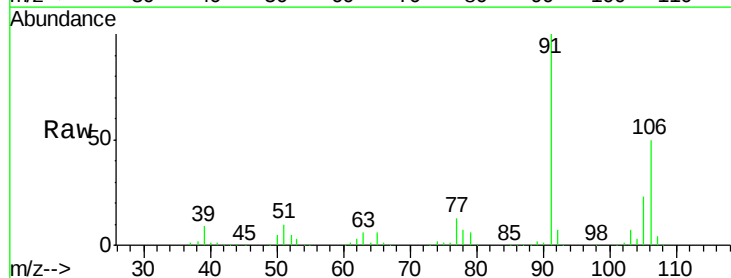
Instrument :
MSVOA_N
ClientSampled :
VN0701WBSD01

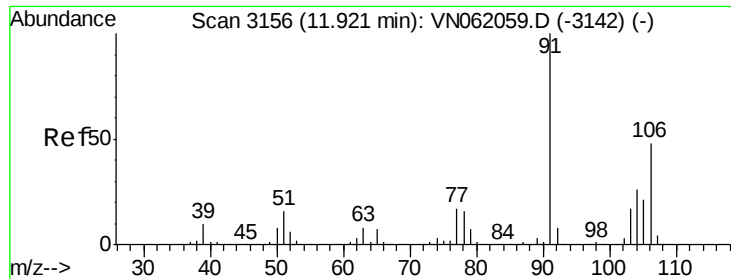
Tgt Ion: 91 Resp: 255646
Ion Ratio Lower Upper
91 100
106 30.5 25.3 37.9



#68
m/p-Xylenes
Concen: 39.190 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion: 106 Resp: 194663
Ion Ratio Lower Upper
106 100
91 201.2 157.8 236.8

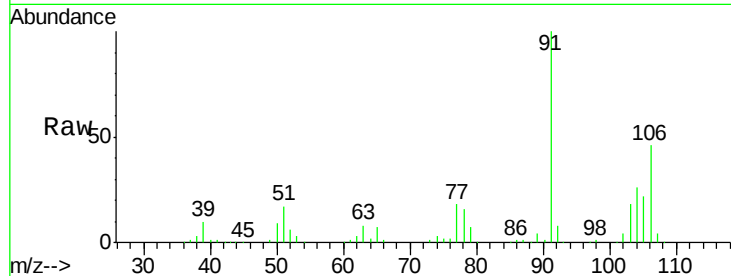




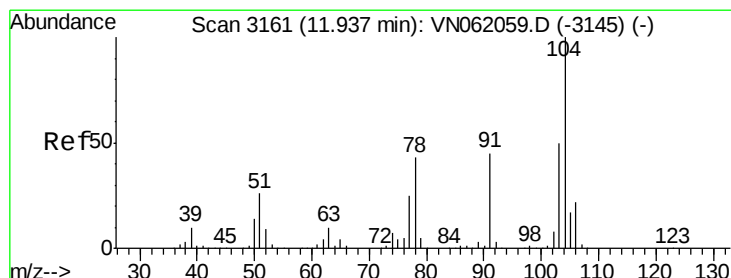
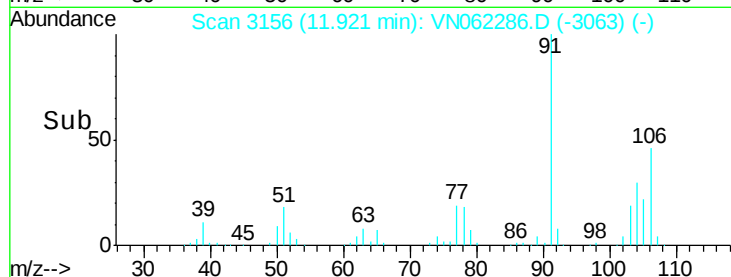
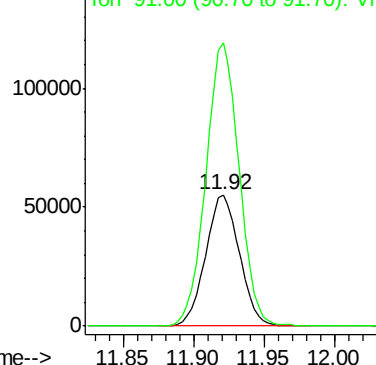
#69
o-Xylene
Concen: 19.826 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampled :
VN0701WBSD01

Tgt Ion:106 Resp: 92914
Ion Ratio Lower Upper
106 100
91 211.6 104.0 311.9

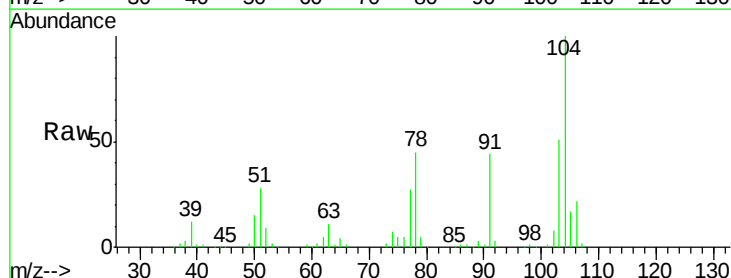


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

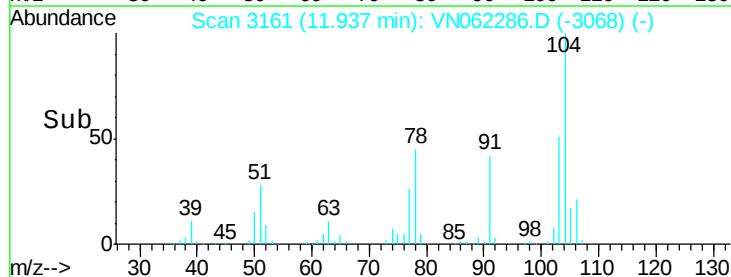
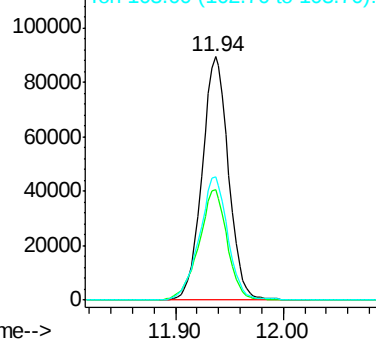


#70
Styrene
Concen: 19.572 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion:104 Resp: 152972
Ion Ratio Lower Upper
104 100
78 48.5 37.7 56.5
103 54.6 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.939 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

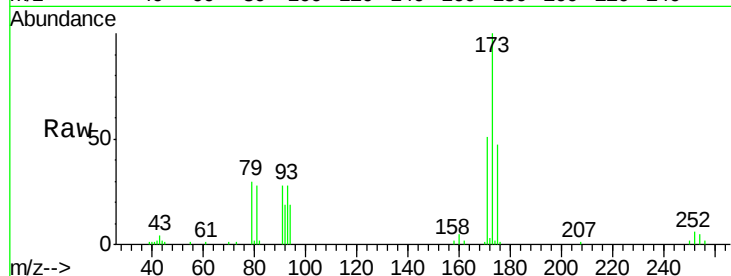
Tgt Ion:173 Resp: 35406

Ion Ratio Lower Upper

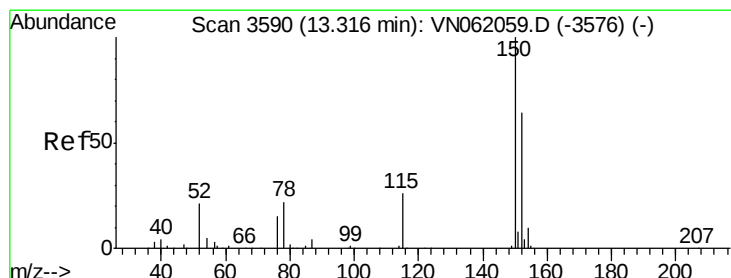
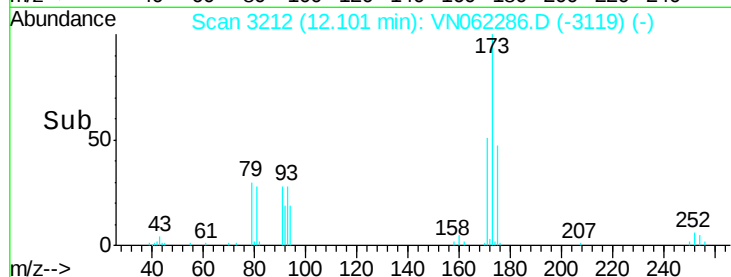
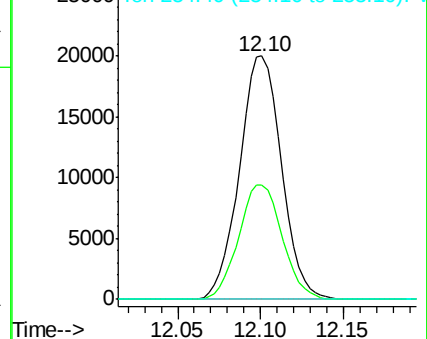
173 100

175 48.4 24.7 74.1

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

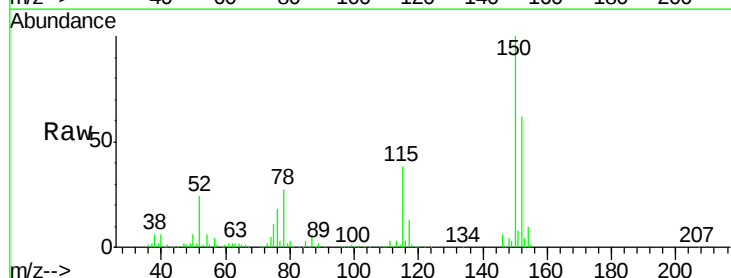
Tgt Ion:152 Resp: 153125

Ion Ratio Lower Upper

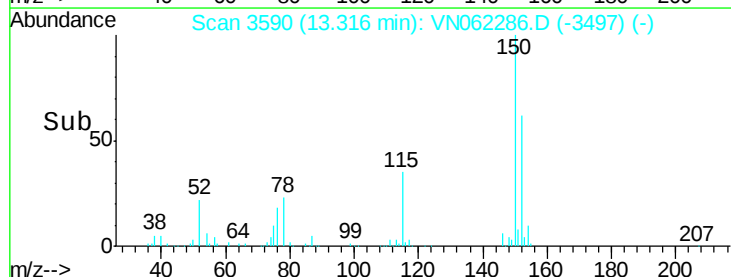
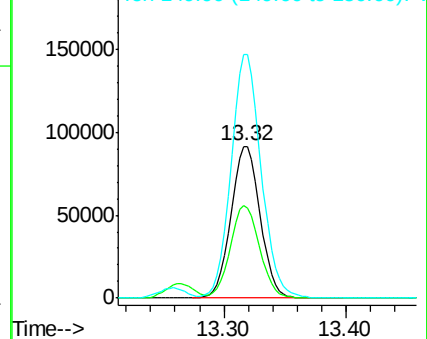
152 100

115 61.4 29.5 88.5

150 164.9 0.0 351.4



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





#73

Isopropylbenzene

Concen: 20.629 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

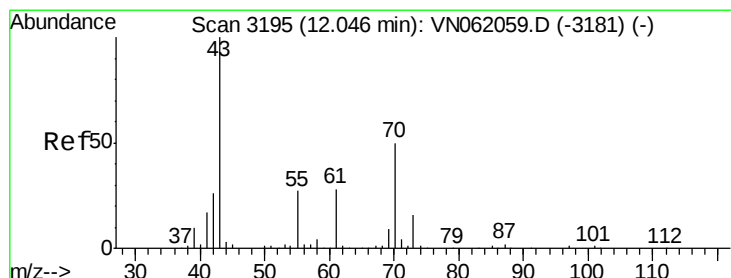
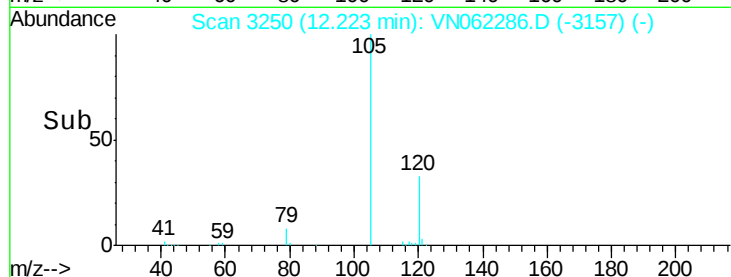
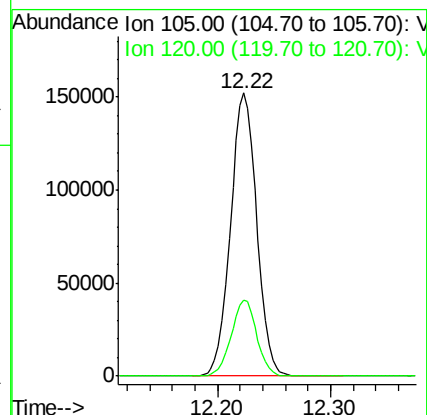
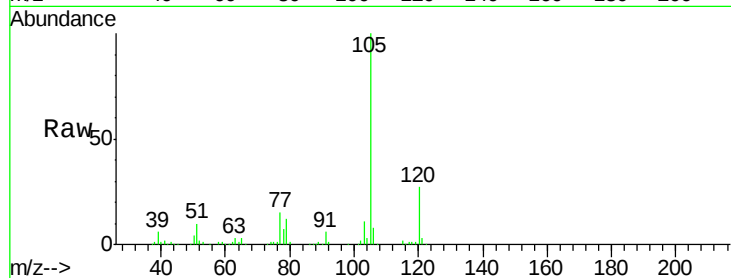
VN0701WBSD01

Tgt Ion:105 Resp: 244514

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 21.925 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Tgt Ion: 43 Resp: 86888

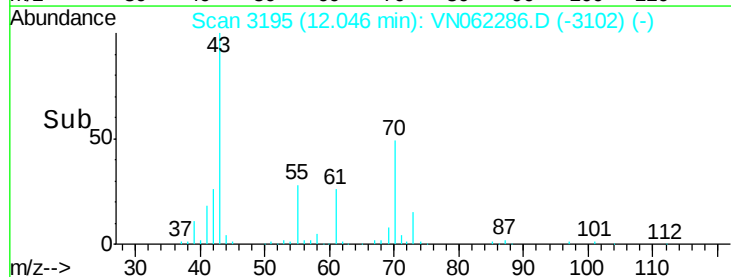
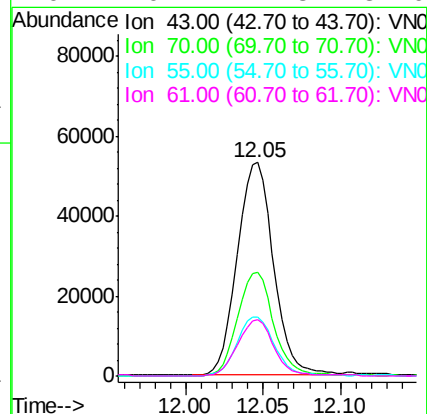
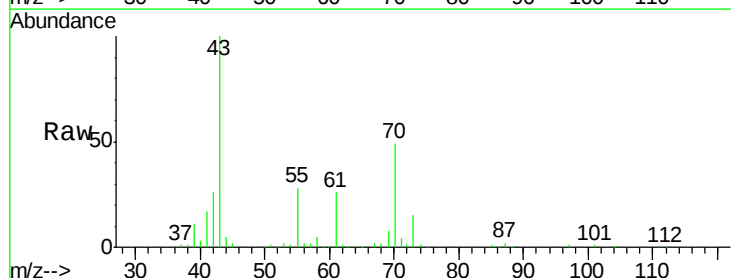
Ion Ratio Lower Upper

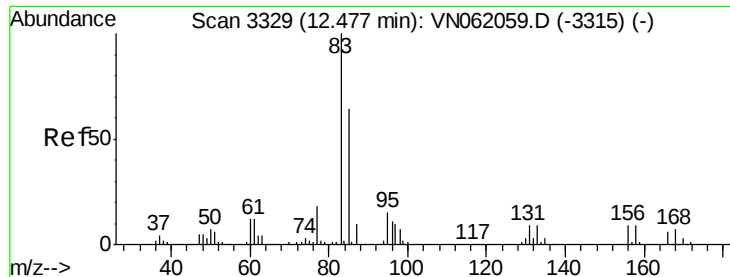
43 100

70 48.5 39.4 59.2

55 28.8 21.7 32.5

61 26.4 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.471 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

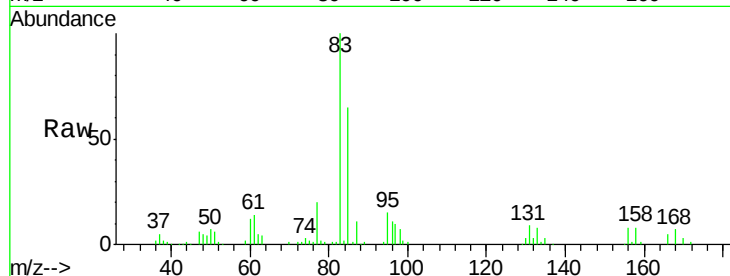
Tgt Ion: 83 Resp: 84689

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.4

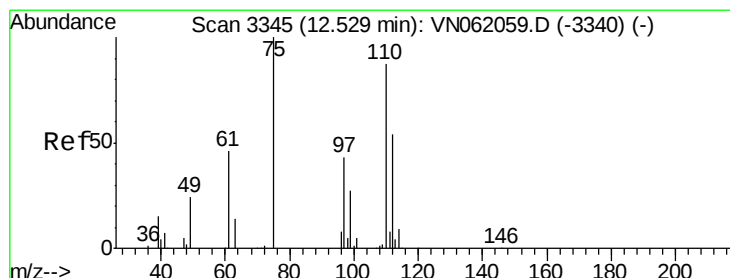
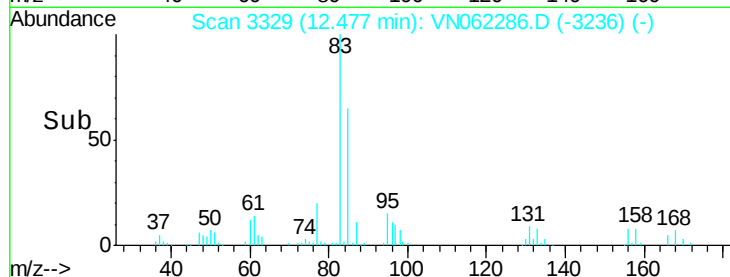
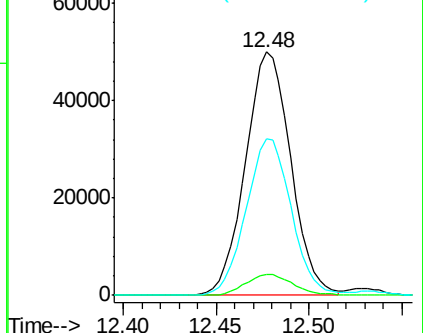
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.423 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062286.D

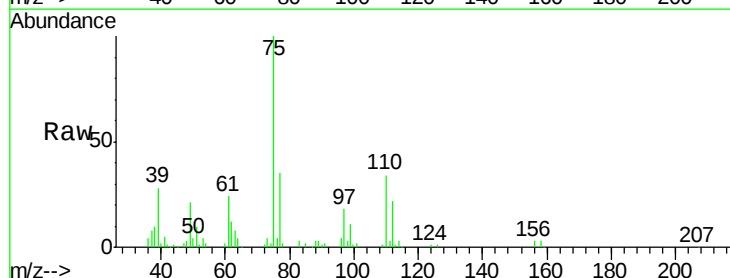
Acq: 1 Jul 2020 12:50

Tgt Ion: 75 Resp: 106062

Ion Ratio Lower Upper

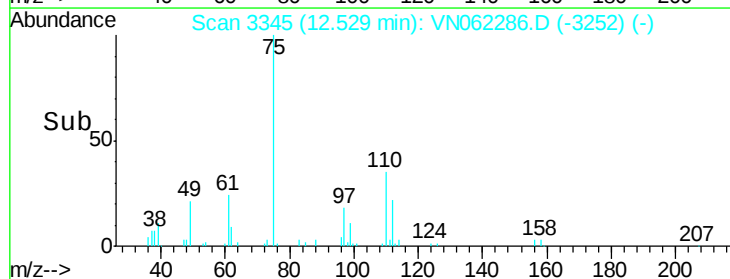
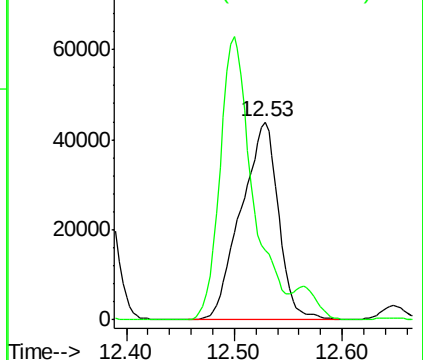
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.608 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

VN0701WBSD01

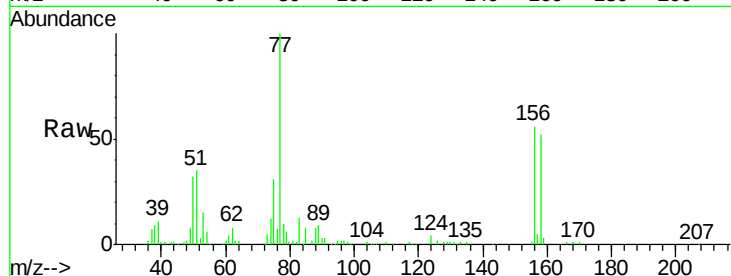
Tgt Ion:156 Resp: 57700

Ion Ratio Lower Upper

156 100

77 229.7 104.6 313.8

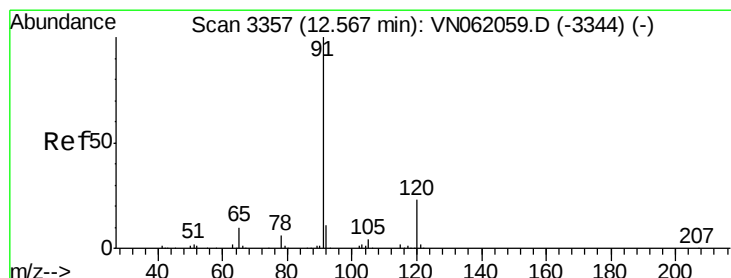
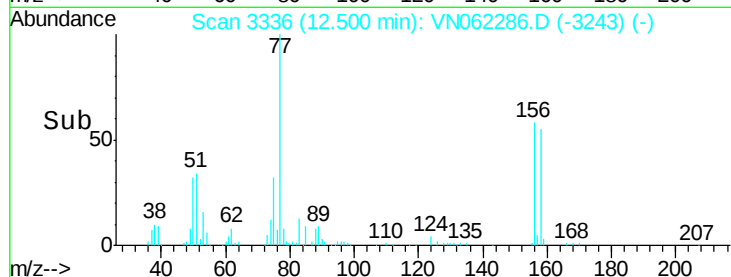
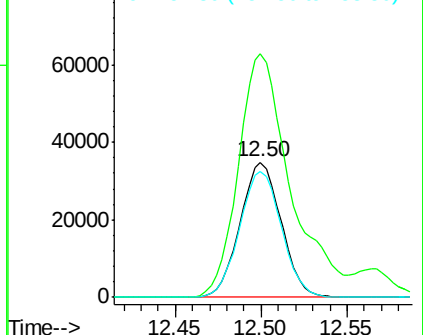
158 95.1 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.168 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062286.D

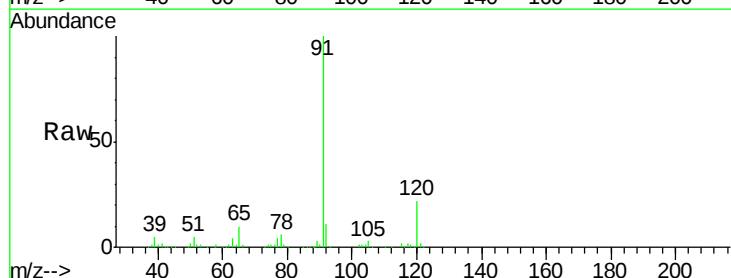
Acq: 1 Jul 2020 12:50

Tgt Ion: 91 Resp: 287004

Ion Ratio Lower Upper

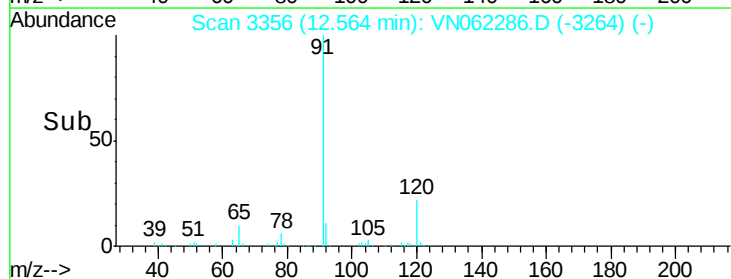
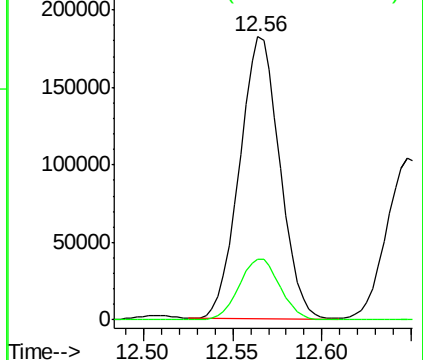
91 100

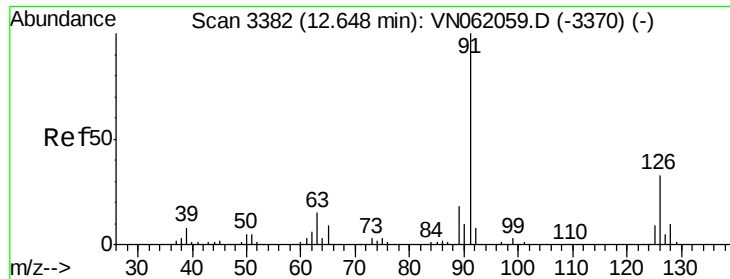
120 21.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.080 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

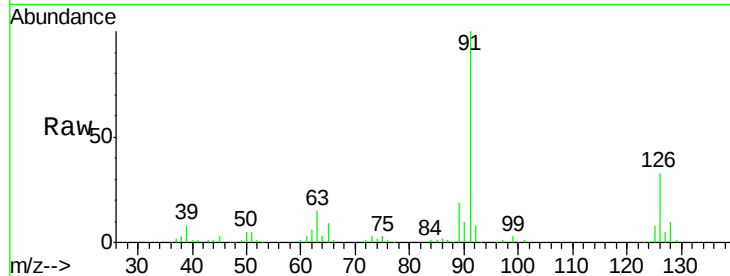
VN0701WBSD01

Tgt Ion: 91 Resp: 172782

Ion Ratio Lower Upper

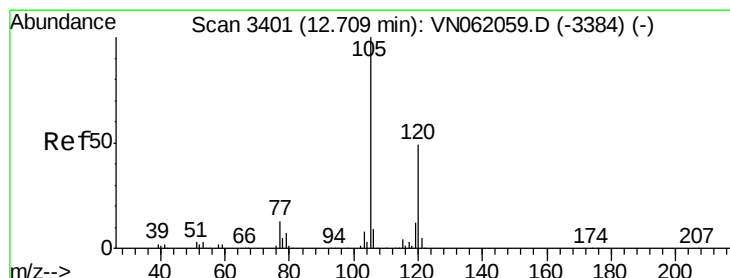
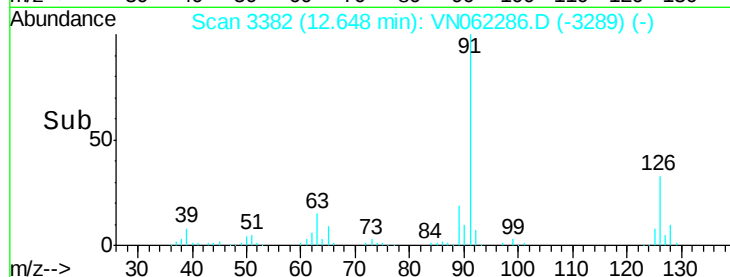
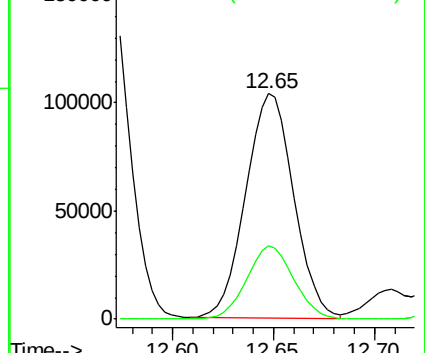
91 100

126 32.0 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.983 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062286.D

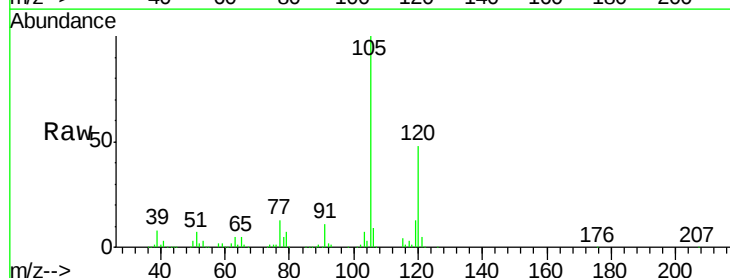
Acq: 1 Jul 2020 12:50

Tgt Ion: 105 Resp: 201619

Ion Ratio Lower Upper

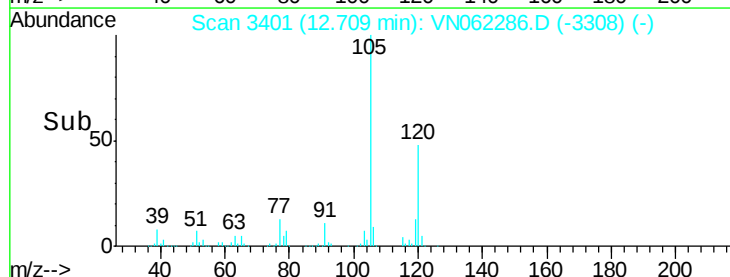
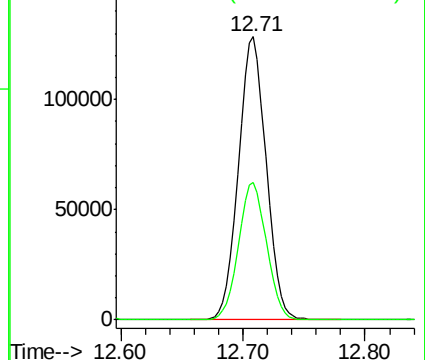
105 100

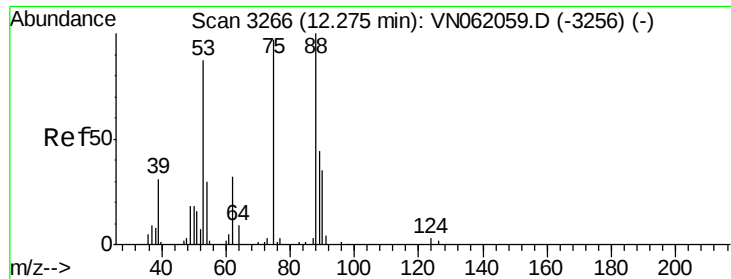
120 49.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.063 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

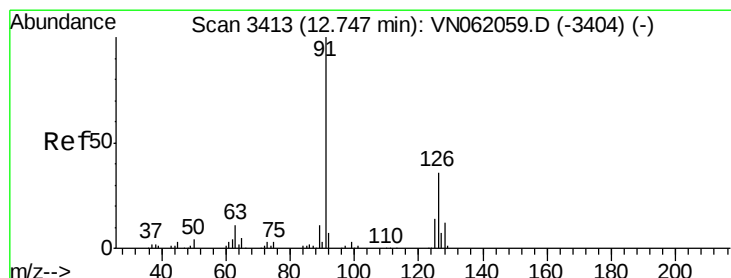
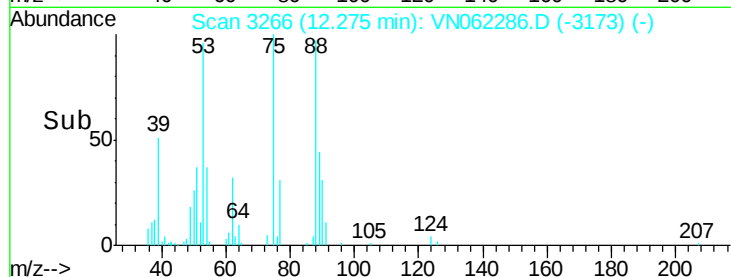
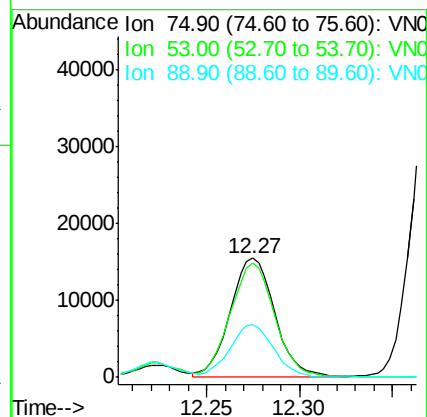
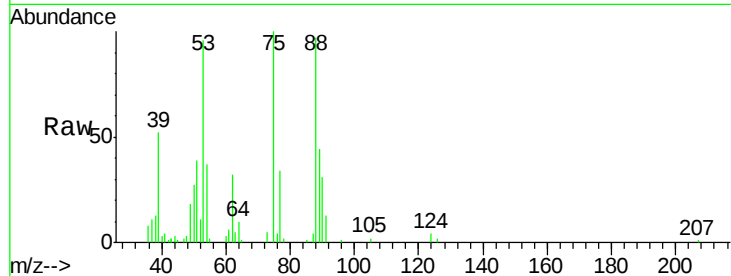
Tgt Ion: 75 Resp: 25998

Ion Ratio Lower Upper

75 100

53 95.6 72.0 108.0

89 43.2 36.9 55.3



#82

4-Chlorotoluene

Concen: 20.404 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062286.D

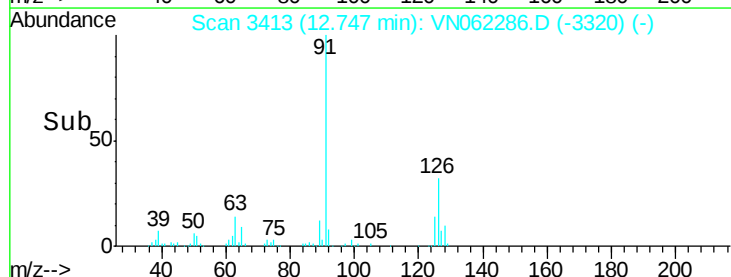
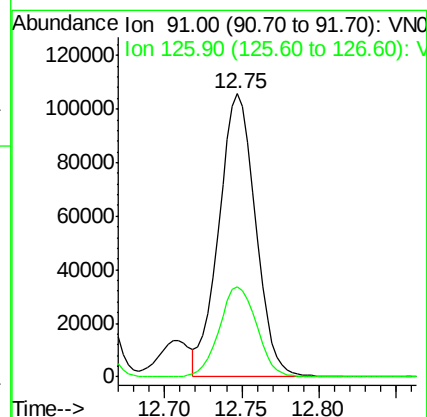
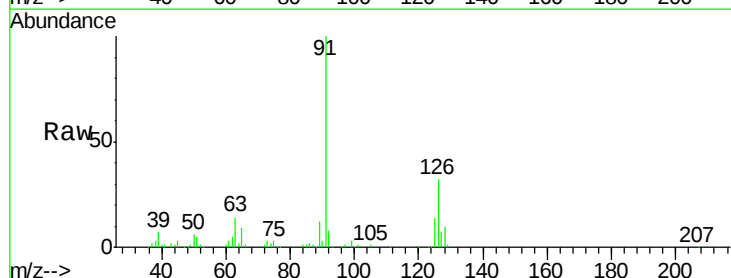
Acq: 1 Jul 2020 12:50

Tgt Ion: 91 Resp: 172950

Ion Ratio Lower Upper

91 100

126 32.8 16.7 50.1

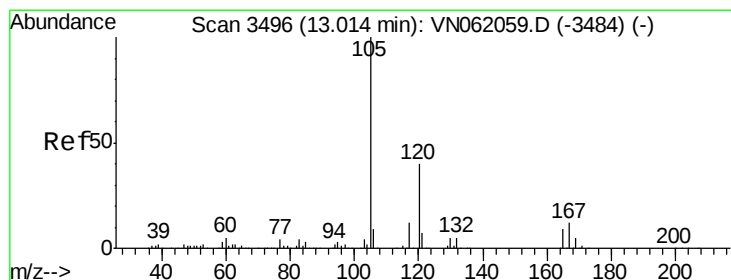
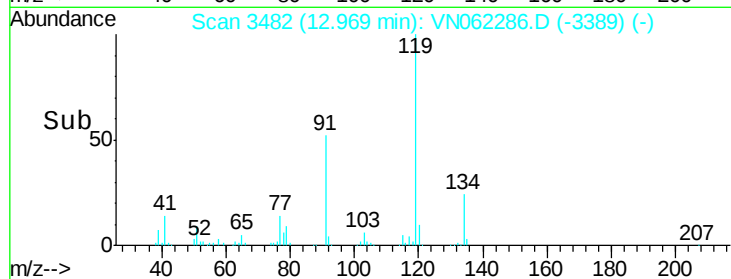
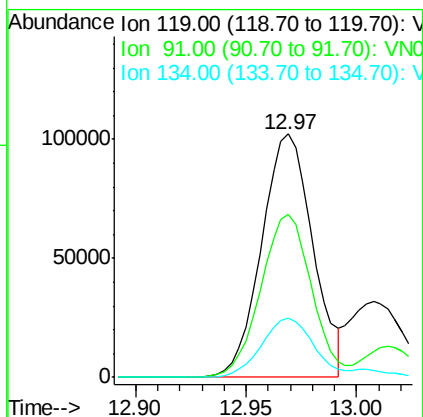
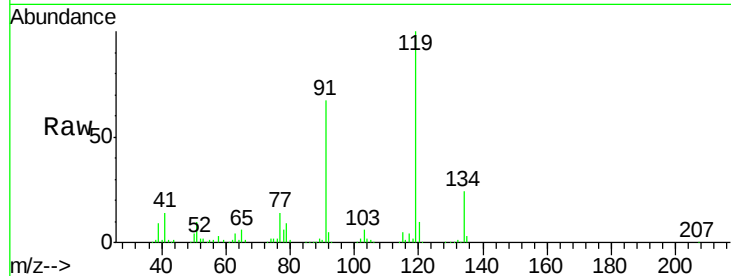




#83
 tert-Butylbenzene
 Concen: 20.005 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

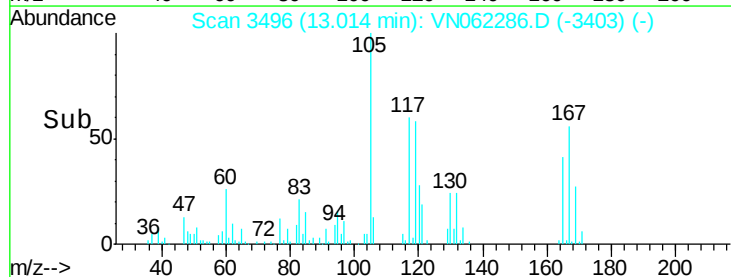
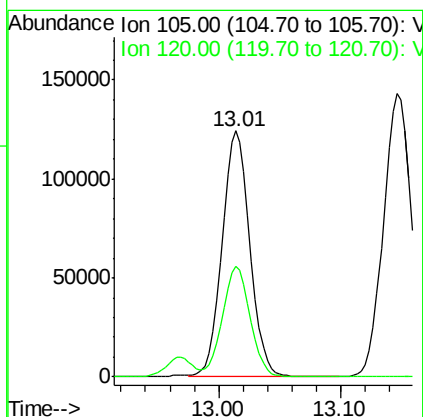
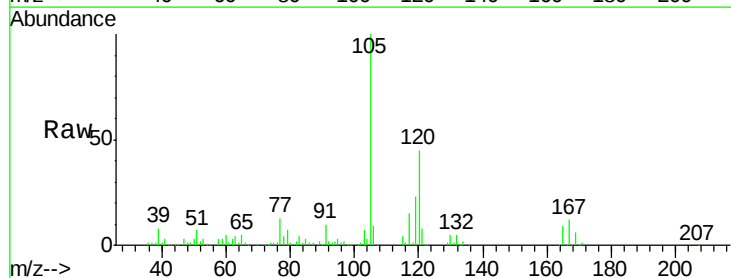
Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBSD01

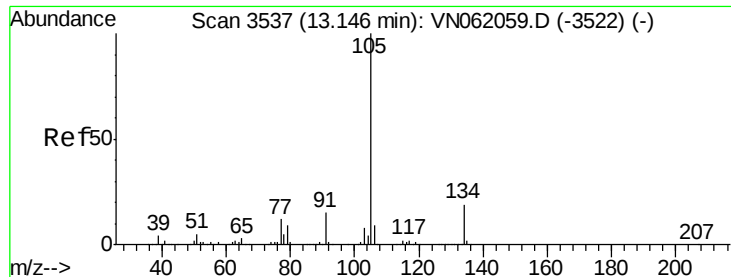
Tgt Ion:119 Resp: 164502
 Ion Ratio Lower Upper
 119 100
 91 66.2 31.7 95.1
 134 24.8 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.694 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion:105 Resp: 198593
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.2 69.5

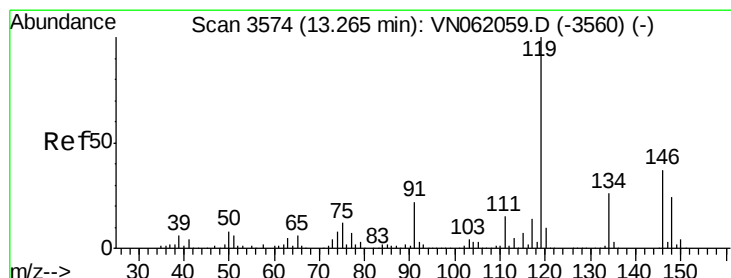
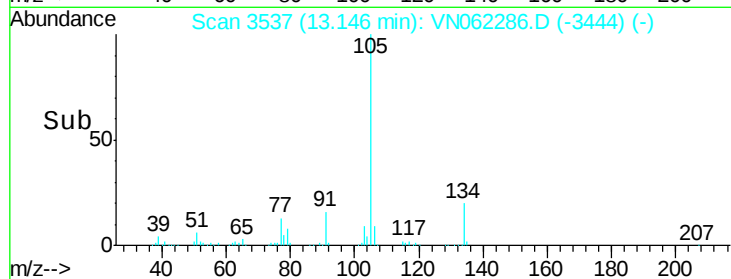
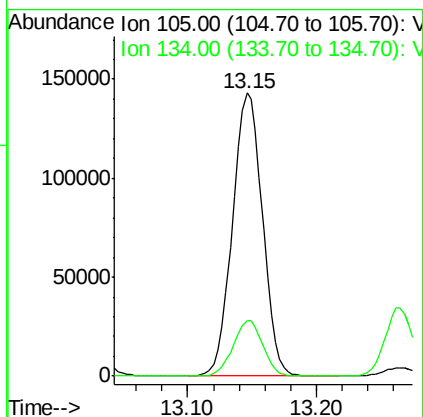
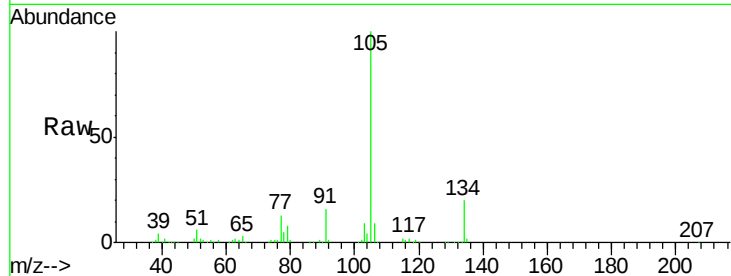




#85
 sec-Butylbenzene
 Concen: 21.263 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

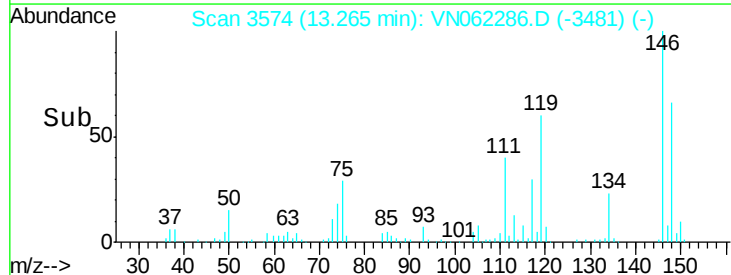
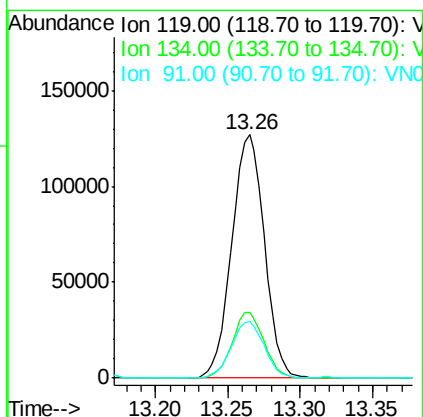
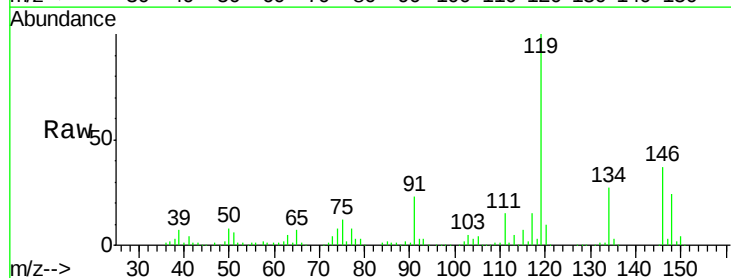
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

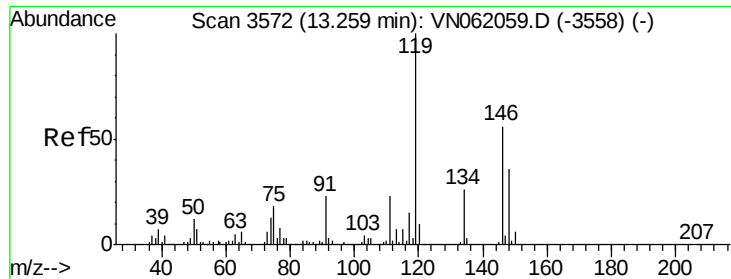
Tgt Ion:105 Resp: 231047
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 20.847 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion:119 Resp: 198458
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 23.5 11.3 33.8

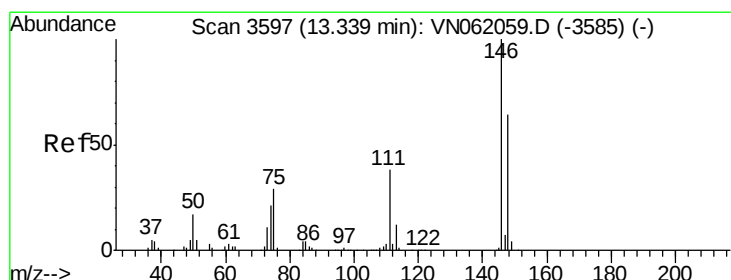
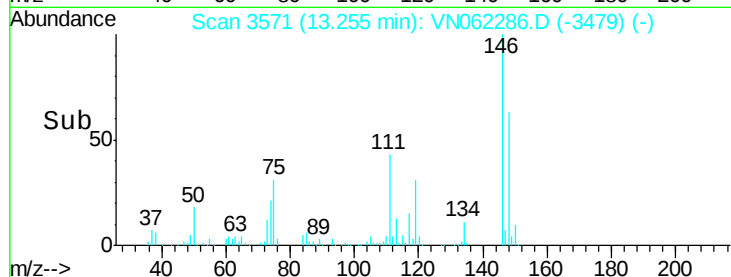
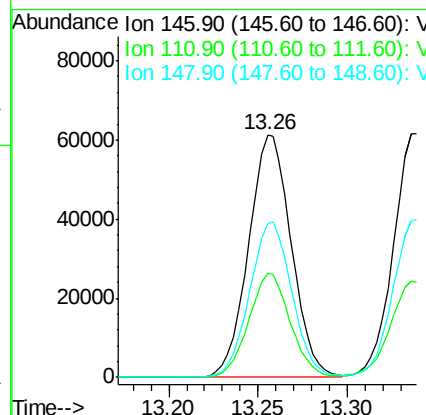
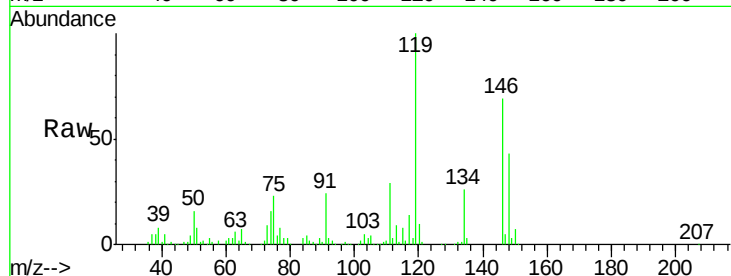




#87
 1,3-Dichlorobenzene
 Concen: 19.903 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

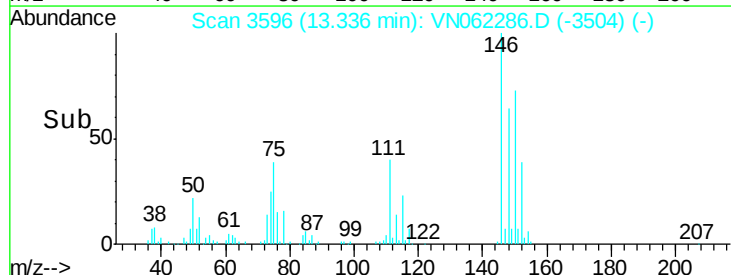
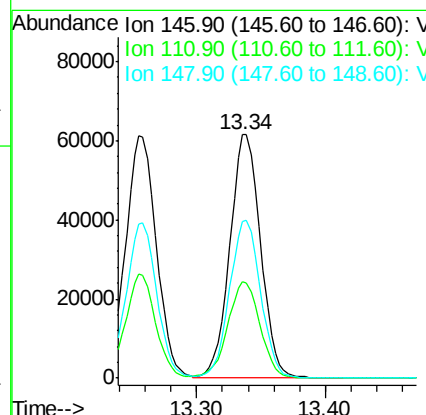
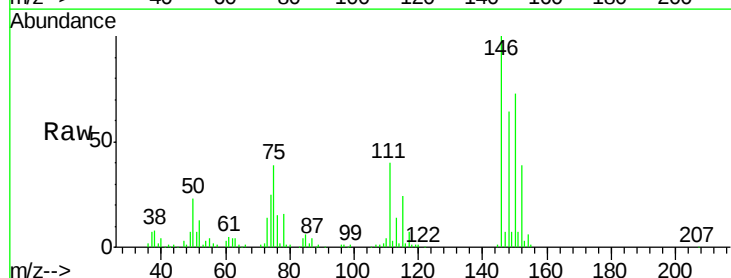
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

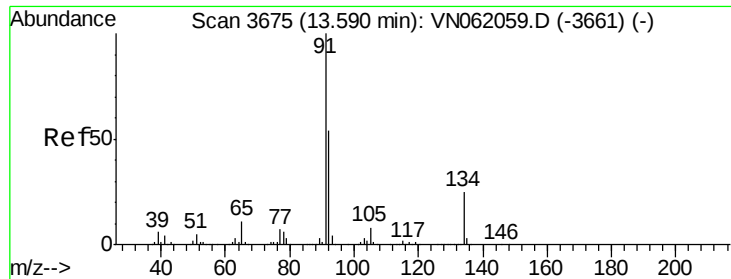
Tgt Ion:146 Resp: 102845
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 61.0
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.179 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion:146 Resp: 102161
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.9 59.6
 148 64.4 31.9 95.9





#89

n-Butylbenzene

Concen: 20.816 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

VN0701WBSD01

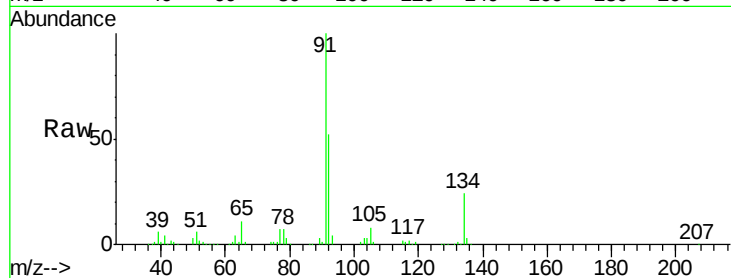
Tgt Ion: 91 Resp: 164749

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

134 23.2 12.3 36.9

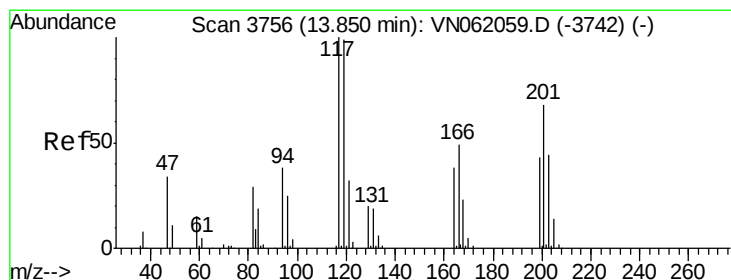
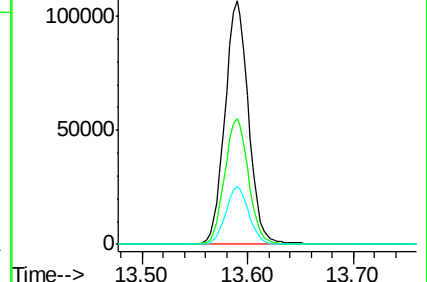
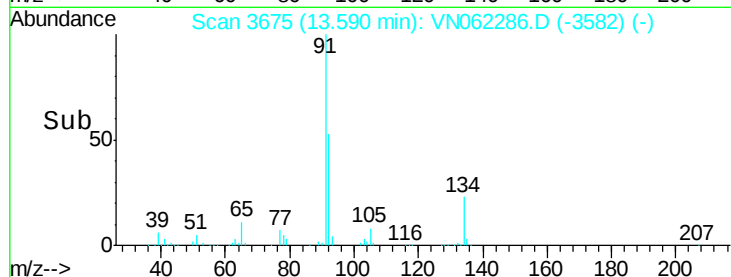


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062059.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062059.D (-3661) (-)

Time-->



#90

Hexachloroethane

Concen: 20.894 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062286.D

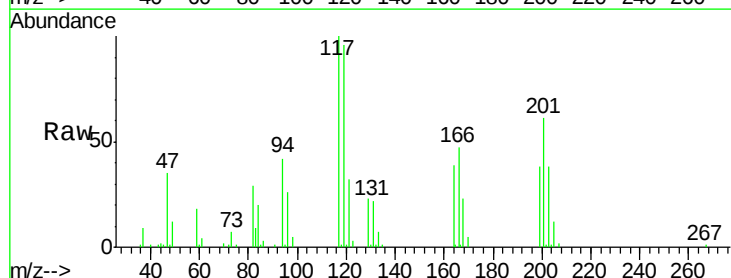
Acq: 1 Jul 2020 12:50

Tgt Ion: 117 Resp: 39025

Ion Ratio Lower Upper

117 100

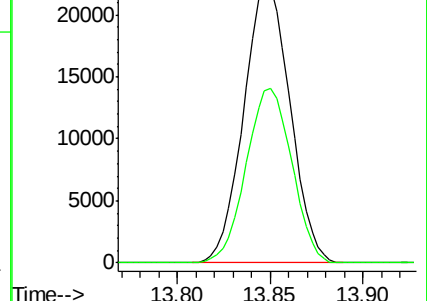
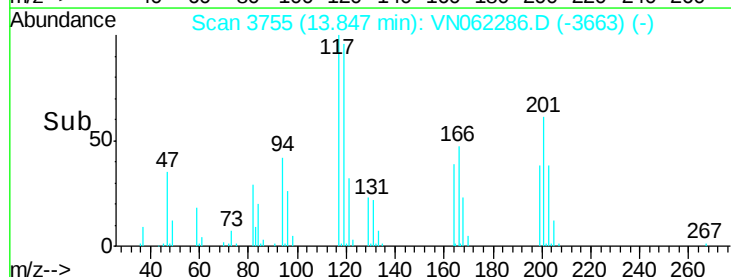
201 61.5 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062059.D (-3742) (-)

Time-->

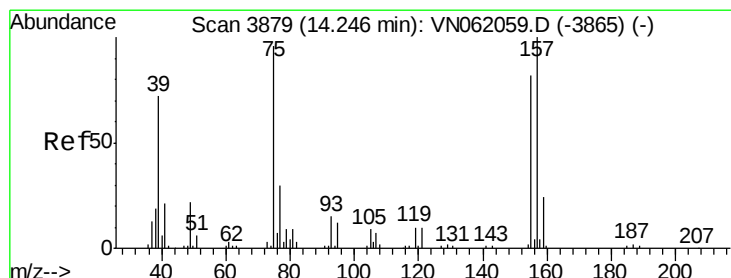
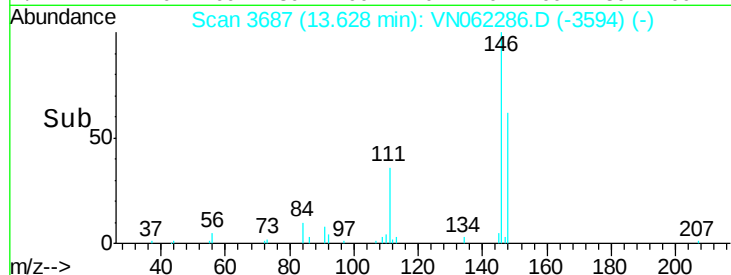
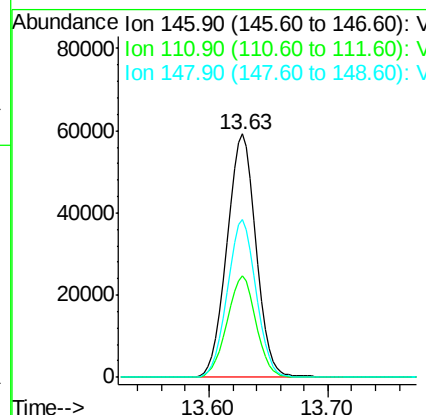
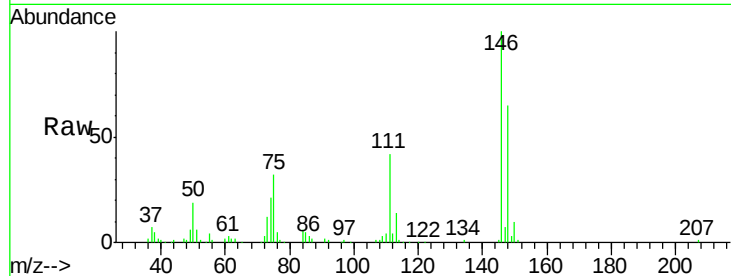




#91
 1,2-Dichlorobenzene
 Concen: 20.021 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

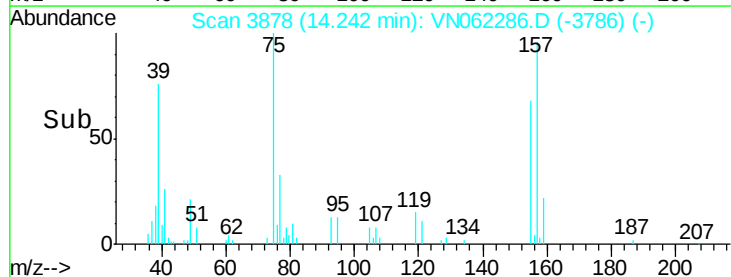
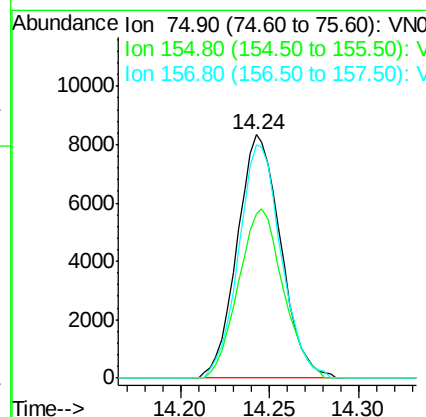
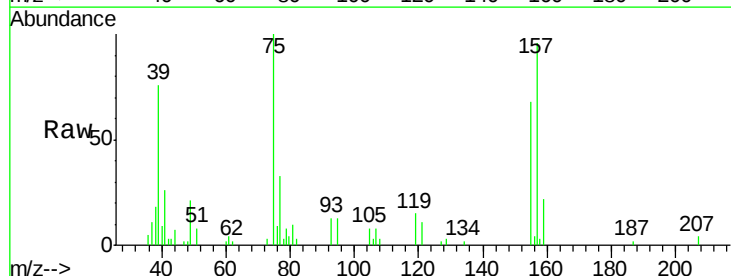
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

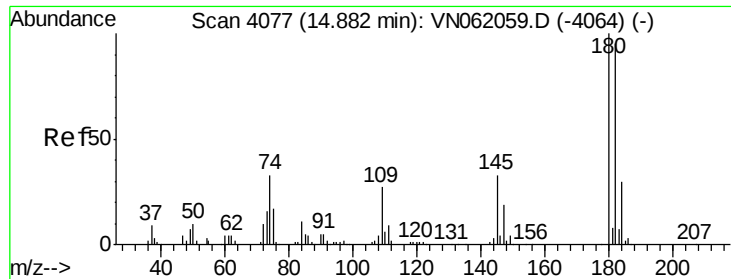
Tgt Ion: 146 Resp: 100325
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.2 63.6
 148 63.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.509 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion: 75 Resp: 14223
 Ion Ratio Lower Upper
 75 100
 155 71.1 40.8 122.4
 157 93.7 51.4 154.3

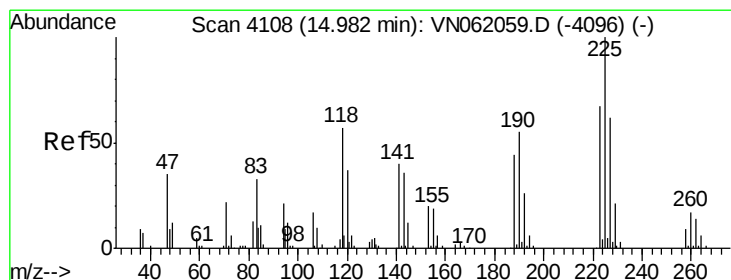
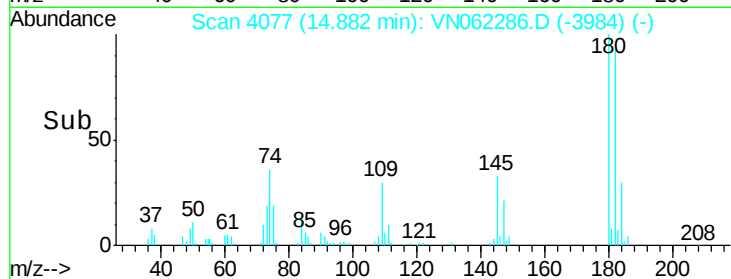
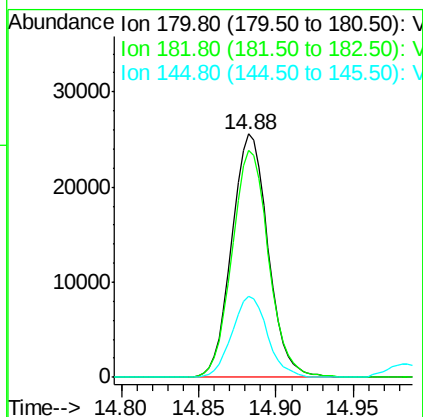
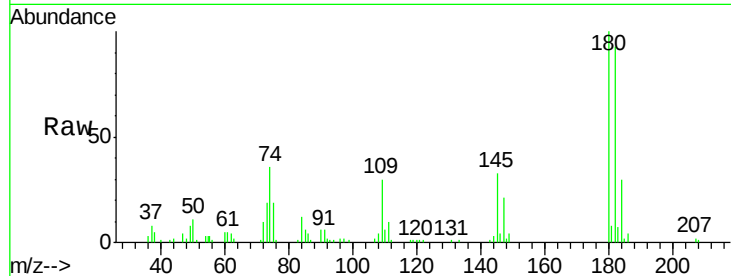




#93
 1,2,4-Trichlorobenzene
 Concen: 19.040 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

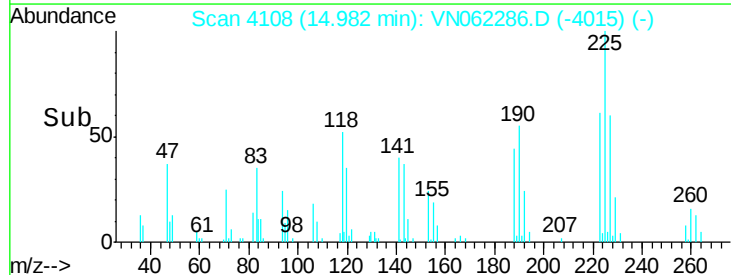
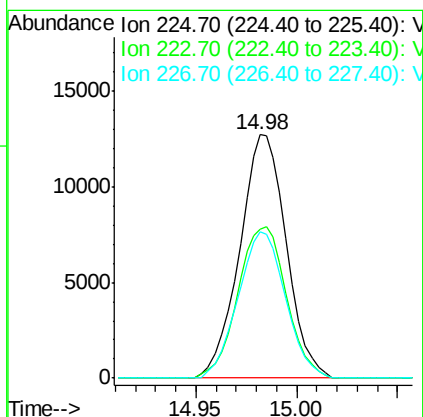
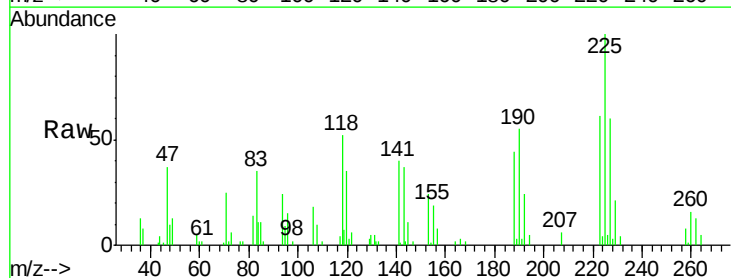
Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBSD01

Tgt Ion:180 Resp: 41680
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.0 144.2
 145 32.4 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 21.597 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion:225 Resp: 20534
 Ion Ratio Lower Upper
 225 100
 223 64.7 32.9 98.7
 227 61.1 31.3 93.8

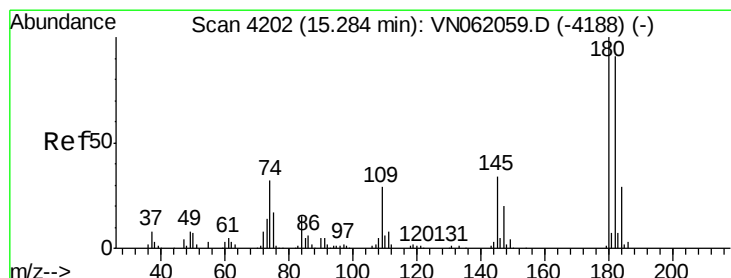
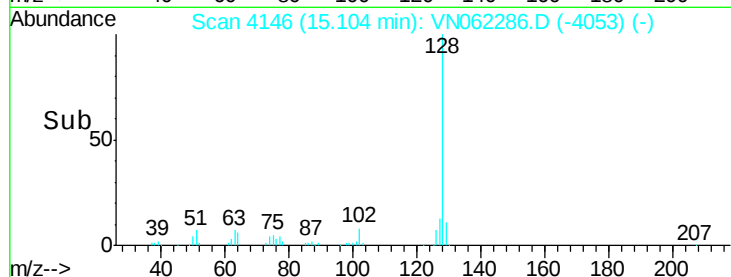
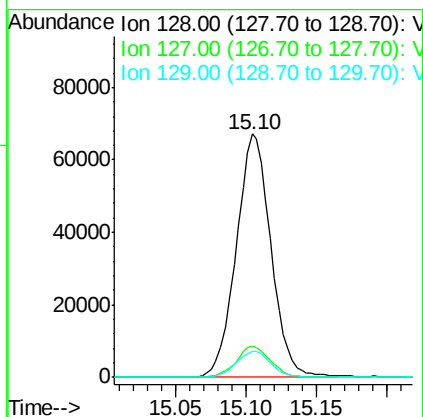
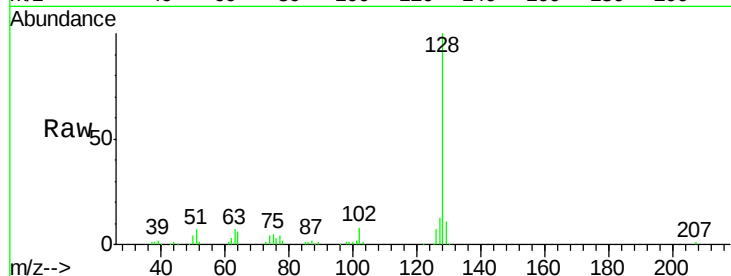




#95
Naphthalene
Concen: 18.562 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Tgt Ion:128 Resp: 115550
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.356 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion:180 Resp: 43324
Ion Ratio Lower Upper
180 100
182 94.7 46.8 140.4
145 32.4 16.4 49.2

