

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
 Data File : VN061284.D
 Acq On : 5 May 2020 11:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 03:39:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	111315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	190756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	178009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	94787	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
35) Dibromofluoromethane	7.54	113	54850	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
50) Toluene-d8	10.06	98	254217	55.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.58%	
62) 4-Bromofluorobenzene	12.37	95	98546	56.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.90%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	57326	48.565	ug/l	99
3) Chloromethane	2.03	50	75766	52.997	ug/l	100
4) Vinyl Chloride	2.16	62	86215	53.096	ug/l	99
5) Bromomethane	2.53	94	36109	44.987	ug/l	100
6) Chloroethane	2.67	64	52918	51.417	ug/l	98
7) Trichlorofluoromethane	2.98	101	107283	58.562	ug/l	98
8) Diethyl Ether	3.37	74	42942	56.197	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	61588	52.184	ug/l	99
10) Methyl Iodide	3.90	142	64714	42.667	ug/l	99
11) Tert butyl alcohol	4.72	59	49639	210.383	ug/l	99
12) 1,1-Dichloroethene	3.69	96	58947	50.190	ug/l	99
13) Acrolein	3.56	56	43089	274.042	ug/l	98
14) Allyl chloride	4.27	41	126720	58.191	ug/l	99
15) Acrylonitrile	4.92	53	183749	253.695	ug/l	99
16) Acetone	3.77	43	157822	231.269	ug/l	99
17) Carbon Disulfide	4.01	76	132729	40.912	ug/l	100
18) Methyl Acetate	4.27	43	98083	44.194	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	231181	51.514	ug/l	100
20) Methylene Chloride	4.49	84	68841	50.123	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	65147	50.941	ug/l	99
22) Diisopropyl ether	5.90	45	268103	53.091	ug/l	99
23) Vinyl Acetate	5.84	43	1060390	260.793	ug/l	99
24) 1,1-Dichloroethane	5.79	63	135804	51.471	ug/l	99
25) 2-Butanone	6.78	43	251117	240.939	ug/l	100
26) 2,2-Dichloropropane	6.77	77	118325	53.244	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	76137	50.731	ug/l	97
28) Bromochloromethane	7.14	49	69806	55.820	ug/l	98
29) Tetrahydrofuran	7.16	42	168742	240.346	ug/l	100
30) Chloroform	7.32	83	135110	50.532	ug/l	100
31) Cyclohexane	7.61	56	116073	45.300	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	116478	50.027	ug/l	100
36) 1,1-Dichloropropene	7.75	75	99513	52.113	ug/l	100
37) Ethyl Acetate	6.88	43	110353	49.295	ug/l	99
38) Carbon Tetrachloride	7.73	117	89335	51.217	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	104336	48.721	ug/l	99
40) Benzene	8.00	78	288937	50.788	ug/l	100
41) Methacrylonitrile	7.12	41	46243	49.752	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	114416	53.088	ug/l	99
43) Isopropyl Acetate	8.12	43	190486	51.271	ug/l	100
44) Trichloroethene	8.80	130	74544	48.471	ug/l	98
45) 1,2-Dichloropropane	9.08	63	79292	52.170	ug/l	99
46) Dibromomethane	9.17	93	50011	53.143	ug/l	99
47) Bromodichloromethane	9.37	83	109809	54.364	ug/l	100
48) Methyl methacrylate	9.16	41	85981	51.285	ug/l	97
49) 1,4-Dioxane	9.16	88	14341	753.576	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	567282	259.404	ug/l	100
52) Toluene	10.12	92	179388	52.350	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	123031	54.056	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	128098	53.237	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	70074	51.269	ug/l	100
56) Ethyl methacrylate	10.40	69	114781	48.290	ug/l	99
57) 1,3-Dichloropropane	10.68	76	127105	52.905	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	290609	262.673	ug/l	99
59) 2-Hexanone	10.72	43	404569	254.288	ug/l	100
60) Dibromochloromethane	10.87	129	75186	52.522	ug/l	100
61) 1,2-Dibromoethane	10.98	107	71506	52.196	ug/l	99
64) Tetrachloroethene	10.60	164	72323	46.910	ug/l	99
65) Chlorobenzene	11.40	112	184826	52.342	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	68337	54.072	ug/l	99
67) Ethyl Benzene	11.48	91	352892	53.386	ug/l	100
68) m/p-Xylenes	11.59	106	256804	106.138	ug/l	98
69) o-Xylene	11.92	106	121079	52.097	ug/l	96
70) Styrene	11.94	104	211596	54.397	ug/l	99
71) Bromoform	12.10	173	50507	54.377	ug/l #	100
73) Isopropylbenzene	12.22	105	333147	52.537	ug/l	100
74) N-amyl acetate	12.04	43	171658	53.459	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	101186	51.175	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	142171	78.179	ug/l #	100
77) Bromobenzene	12.50	156	76076	51.971	ug/l	97
78) n-propylbenzene	12.56	91	401496	53.381	ug/l	100
79) 2-Chlorotoluene	12.65	91	232417	52.573	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	280375	53.422	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	37849	52.854	ug/l	99
82) 4-Chlorotoluene	12.75	91	249350	53.515	ug/l	99
83) tert-Butylbenzene	12.97	119	231215	52.247	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	284921	52.693	ug/l	99
85) sec-Butylbenzene	13.15	105	314789	52.173	ug/l	100
86) p-Isopropyltoluene	13.26	119	284648	52.362	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	141277	52.426	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	142481	51.748	ug/l	99
89) n-Butylbenzene	13.59	91	266655	53.507	ug/l	100
90) Hexachloroethane	13.85	117	33061	57.040	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	133873	51.811	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	19825	47.474	ug/l	99

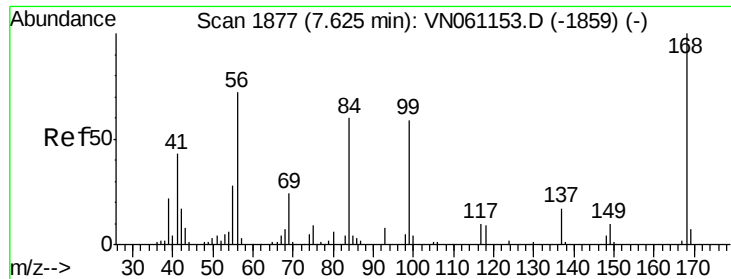
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	80157	50.944	ug/l	100
94) Hexachlorobutadiene	14.98	225	32407	49.301	ug/l	98
95) Naphthalene	15.10	128	237231	46.296	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	74563	47.998	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

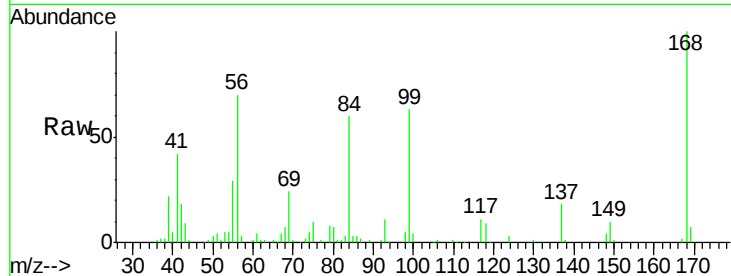
ClientSampled :

Tot Ion:168 Resp: 111315

Ion Ratio Lower Upper

168 100

99 63.5 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

50000

40000

30000

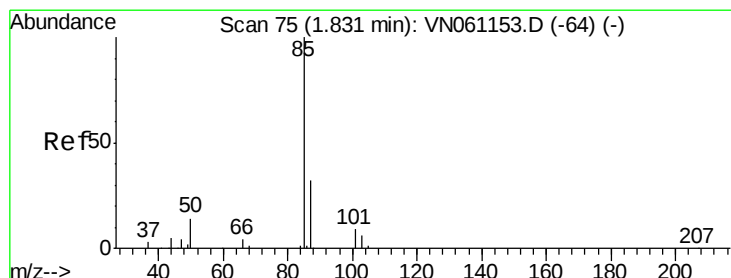
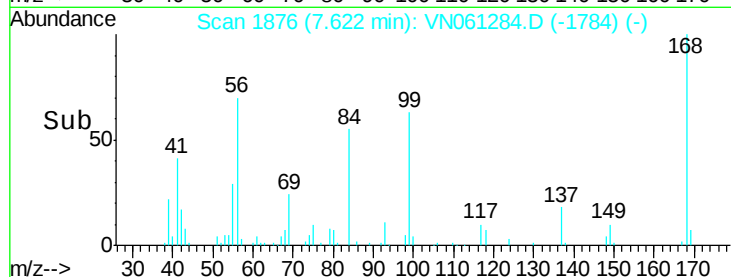
20000

10000

0

Time-->

7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 48.565 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061284.D

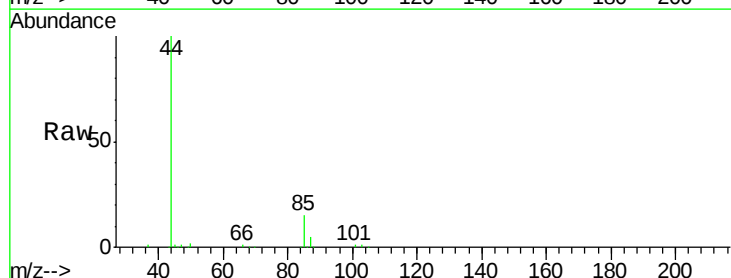
Acq: 5 May 2020 11:43

Tgt Ion: 85 Resp: 57326

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

30000

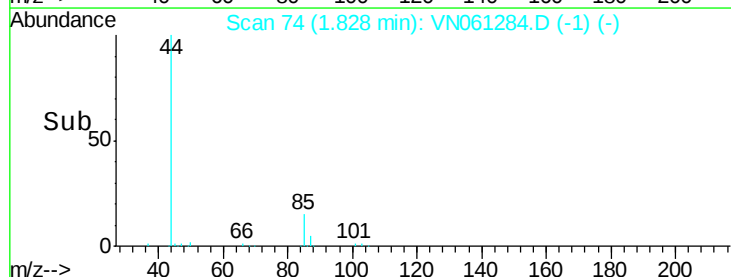
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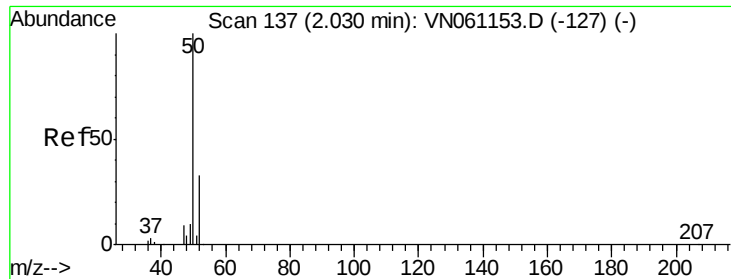
10000

0

Time-->

1.80 1.85 1.90





#3

Chloromethane

Concen: 52.997 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

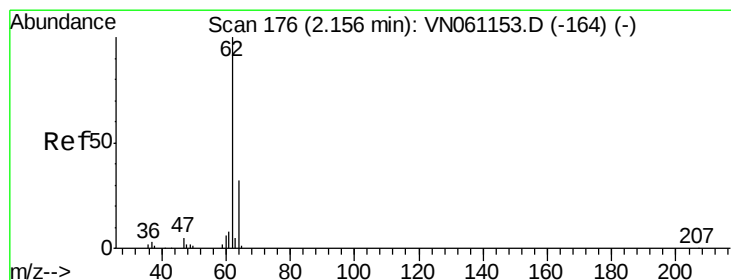
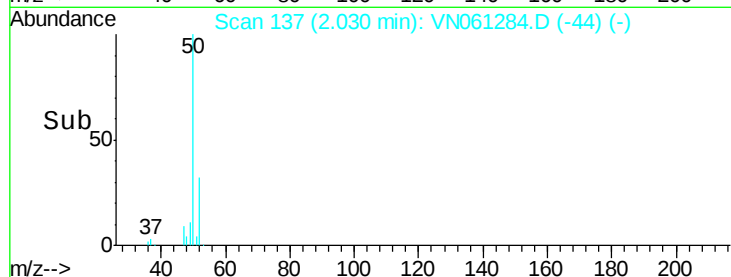
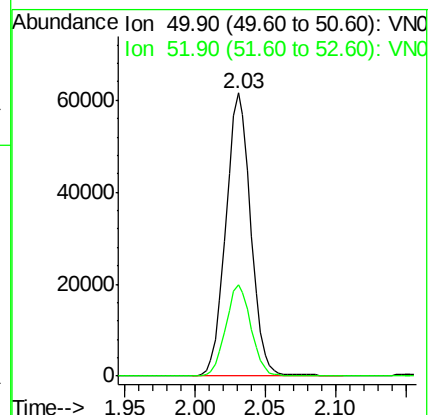
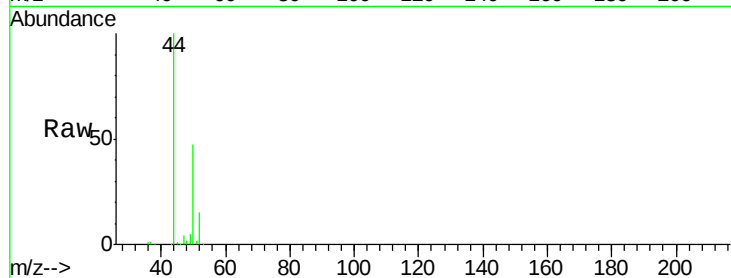
ClientSampleId :

Tot Ion: 50 Resp: 75766

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 53.096 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061284.D

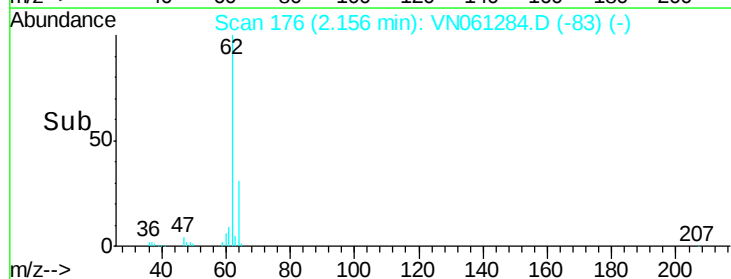
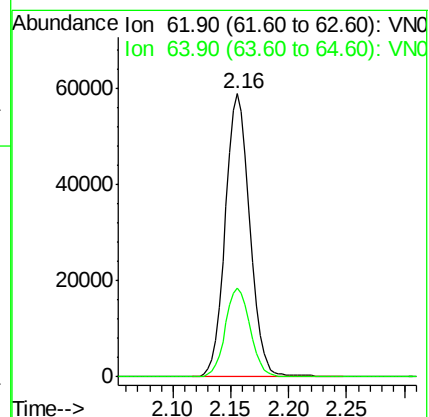
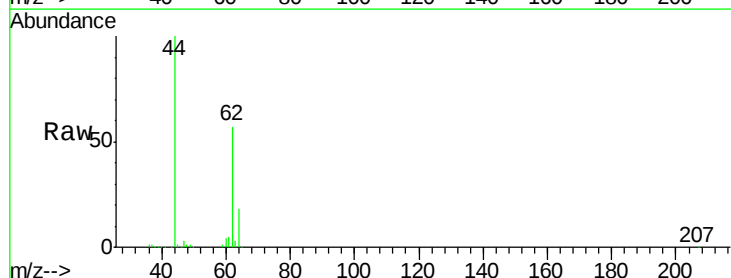
Acq: 5 May 2020 11:43

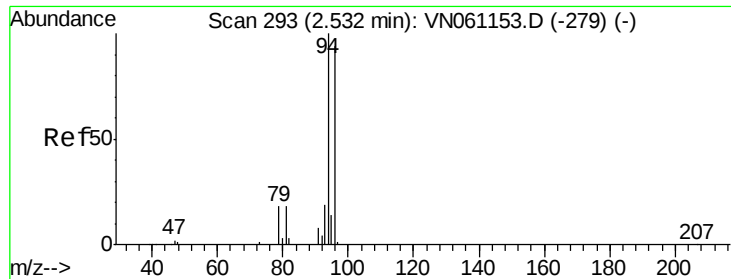
Tgt Ion: 62 Resp: 86215

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8





#5

Bromomethane

Concen: 44.987 ug/l

RT: 2.53 min Scan# 293

Delta R.T. 0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

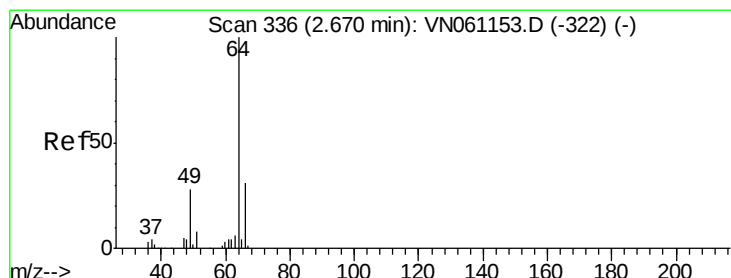
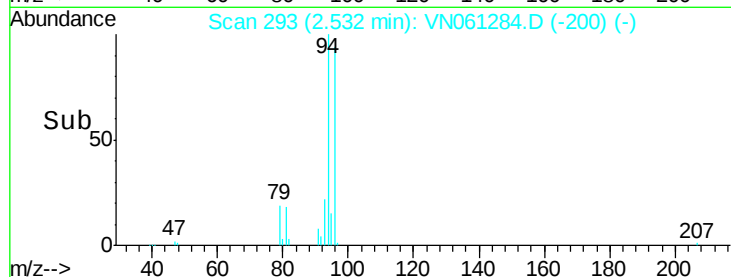
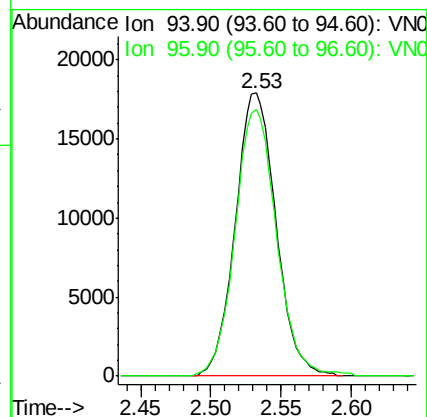
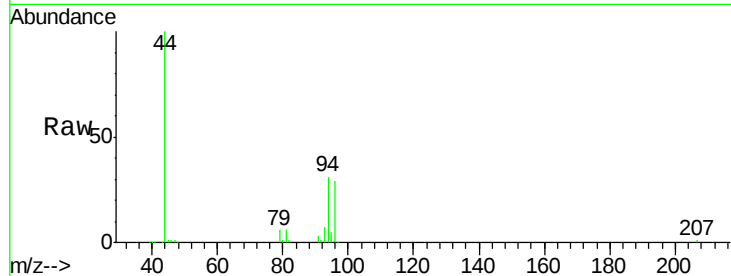
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 36109

Ion Ratio Lower Upper

94 100

96 94.2 75.1 112.7



#6

Chloroethane

Concen: 51.417 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061284.D

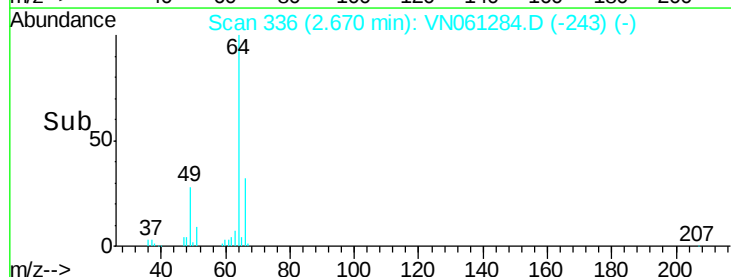
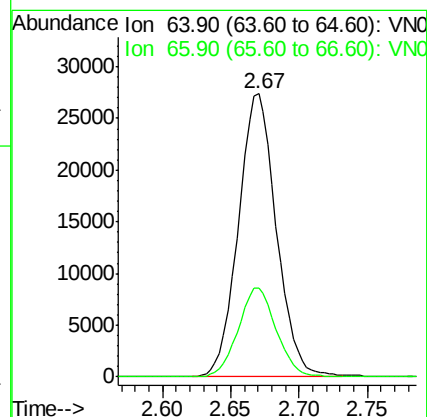
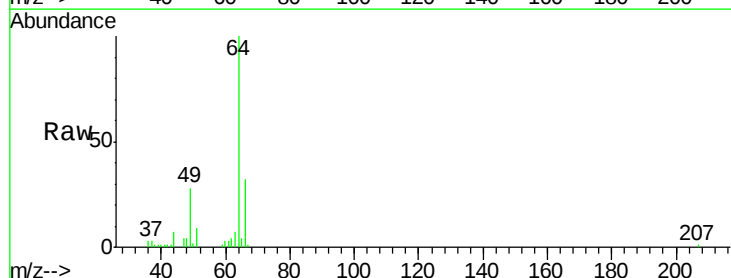
Acq: 5 May 2020 11:43

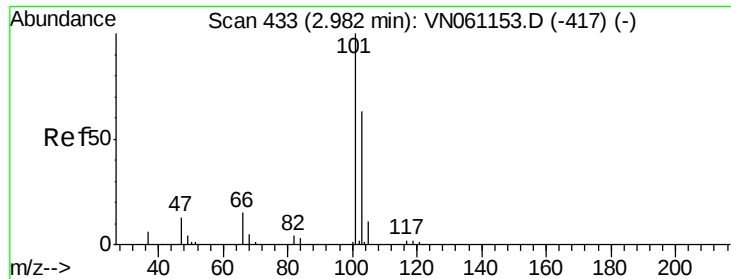
Tgt Ion: 64 Resp: 52918

Ion Ratio Lower Upper

64 100

66 31.6 24.6 36.8



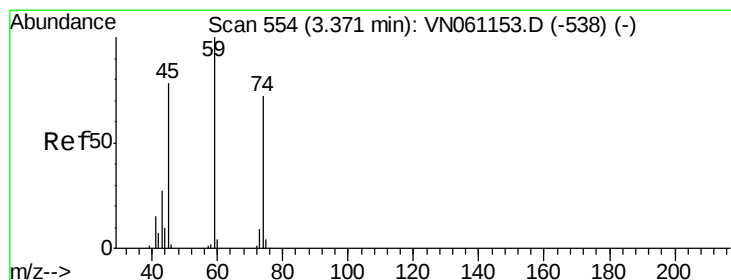
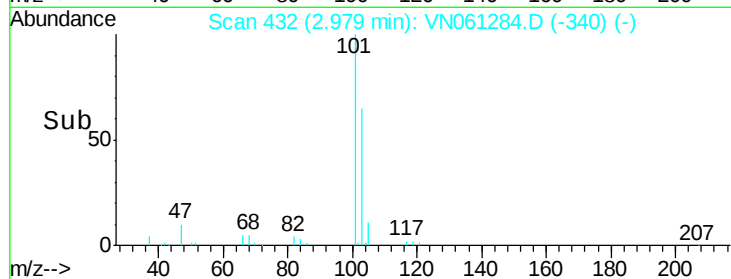
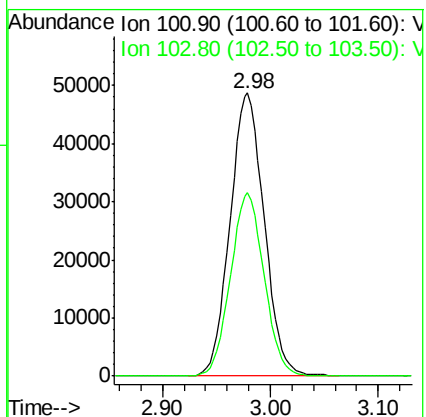
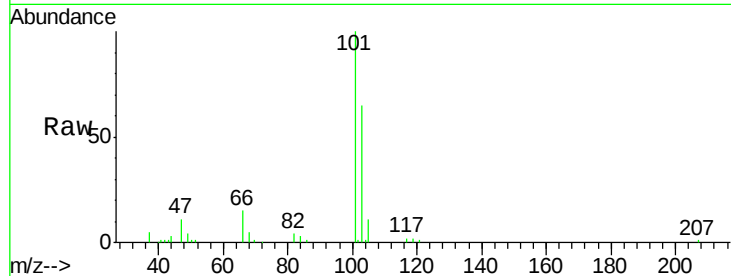


#7

Trichlorofluoromethane
Concen: 58.562 ug/l
RT: 2.98 min Scan# 432
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Instrument :
MSVOA_N
ClientSampled :

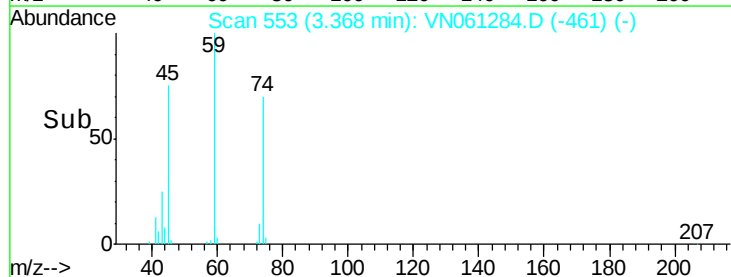
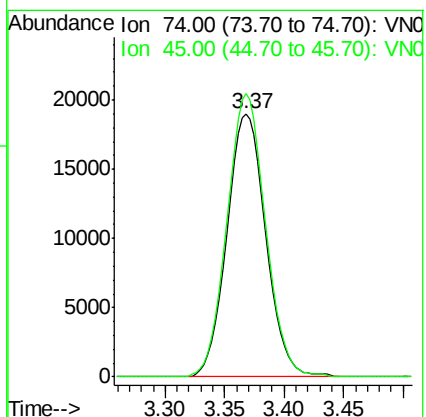
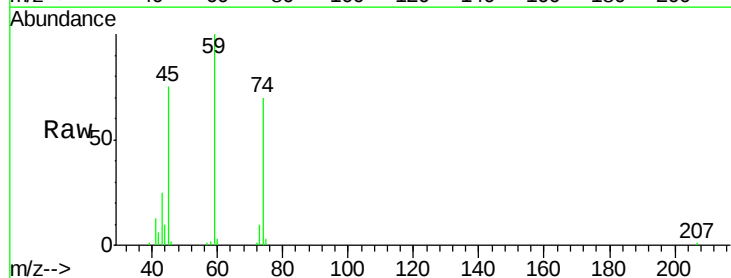
Tot Ion:101 Resp: 107283
Ion Ratio Lower Upper
101 100
103 64.8 50.6 76.0

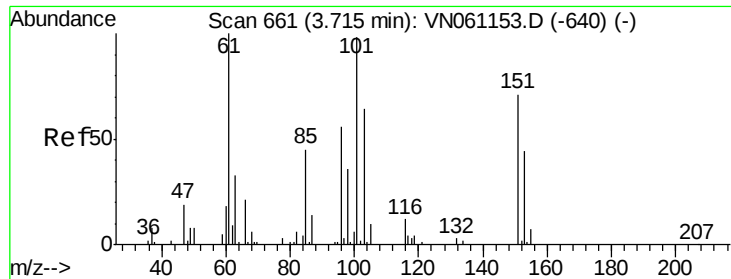


#8

Diethyl Ether
Concen: 56.197 ug/l
RT: 3.37 min Scan# 553
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion: 74 Resp: 42942
Ion Ratio Lower Upper
74 100
45 106.9 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.184 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

ClientSampled :

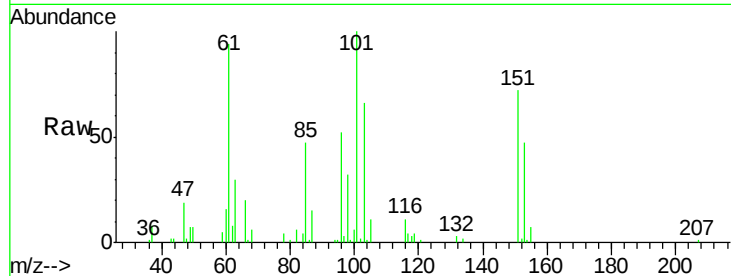
Tot Ion:101 Resp: 61588

Ion Ratio Lower Upper

101 100

85 46.2 37.2 55.8

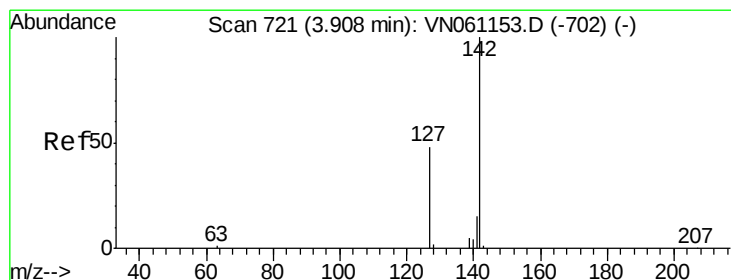
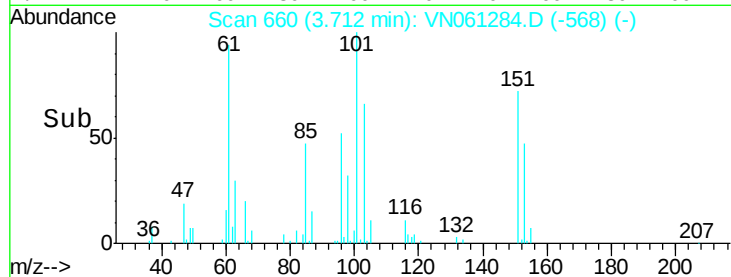
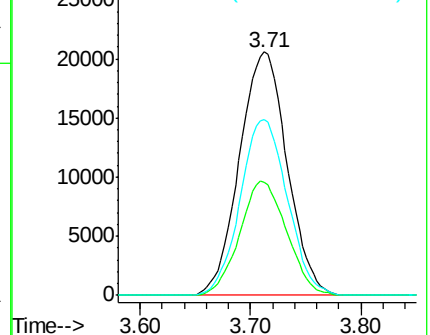
151 71.5 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.667 ug/l

RT: 3.90 min Scan# 719

Delta R.T. -0.01 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

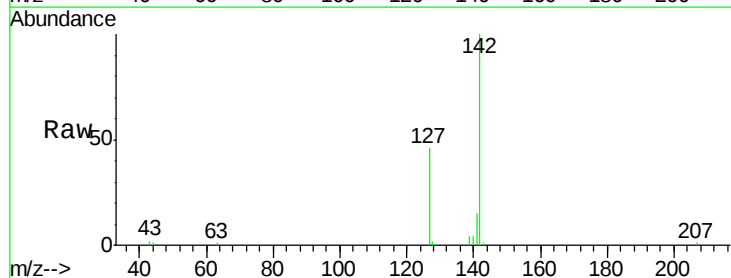
Tgt Ion:142 Resp: 64714

Ion Ratio Lower Upper

142 100

127 48.1 38.0 57.0

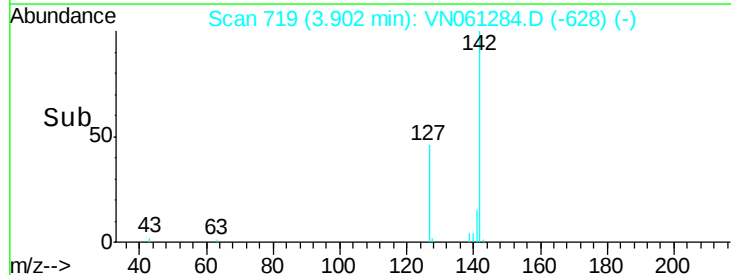
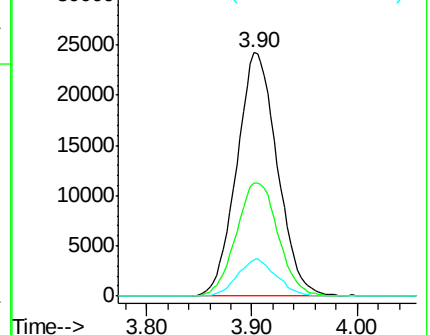
141 14.6 11.7 17.5

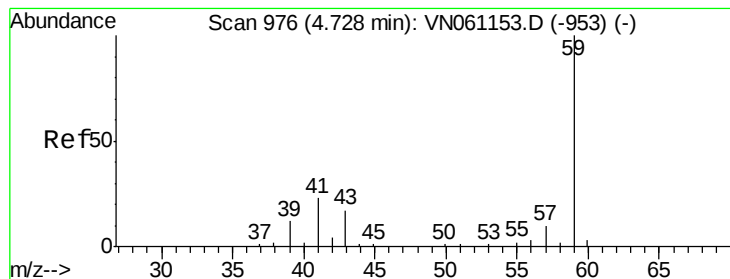


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



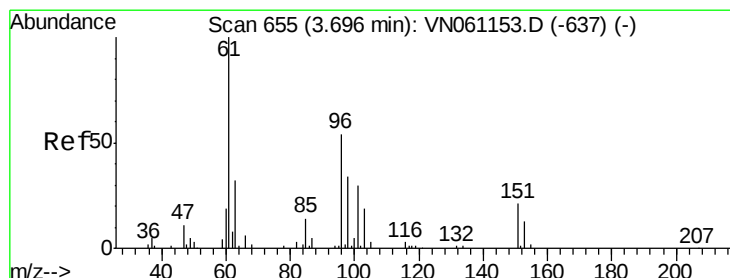
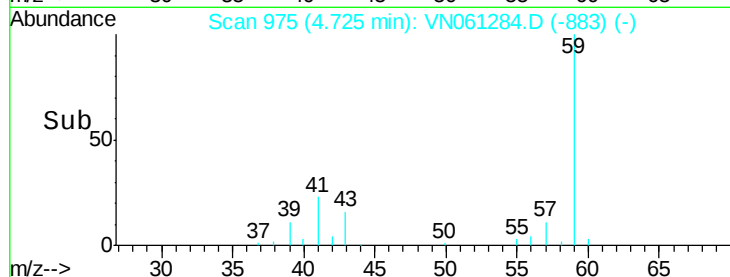
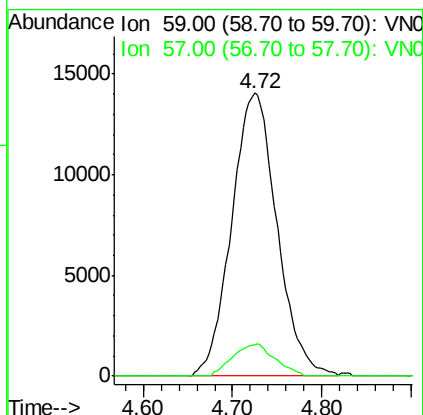
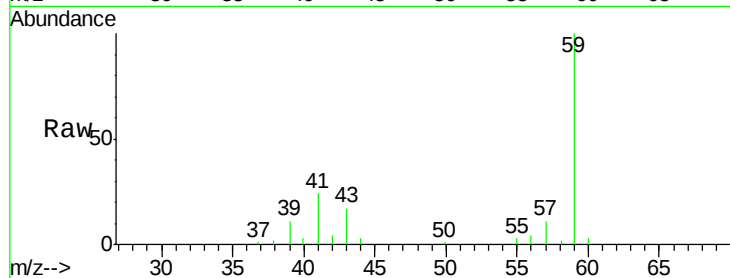


#11

Tert butyl alcohol
 Concen: 210.383 ug/l
 RT: 4.72 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :

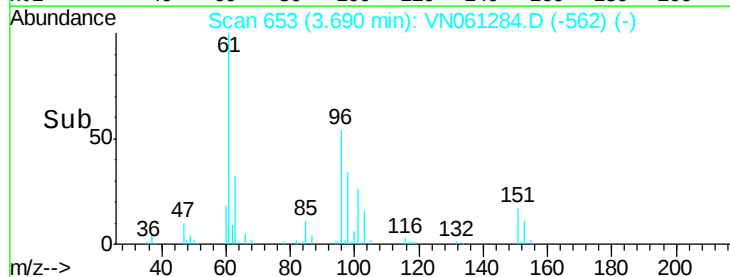
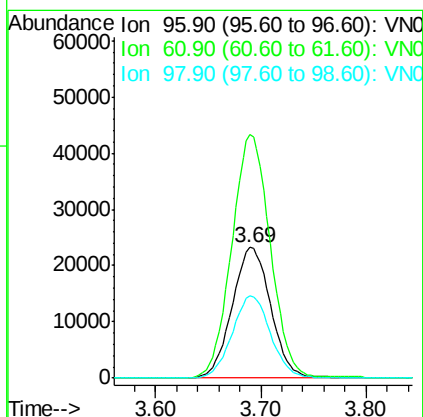
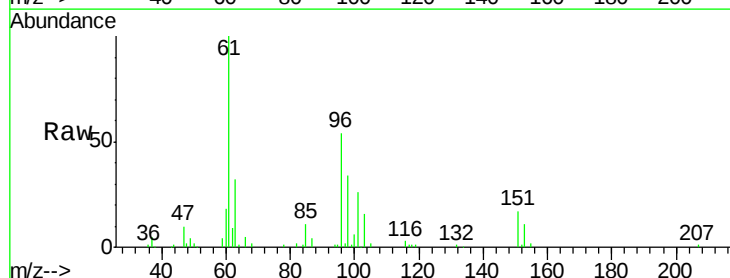
Tot Ion: 59 Resp: 49639
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

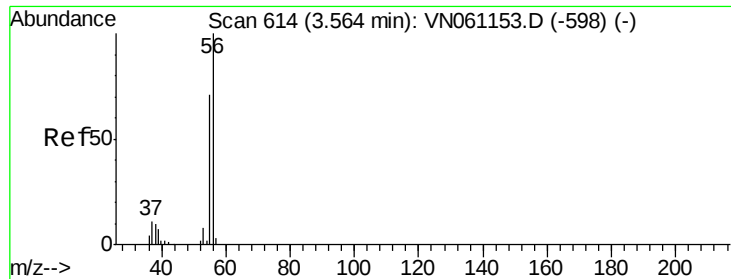


#12

1,1-Dichloroethene
 Concen: 50.190 ug/l
 RT: 3.69 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

Tgt Ion: 96 Resp: 58947
 Ion Ratio Lower Upper
 96 100
 61 186.4 147.0 220.6
 98 62.7 49.8 74.6





#13

Acrolein

Concen: 274.042 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

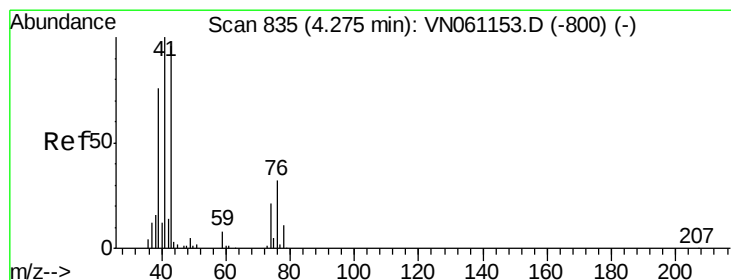
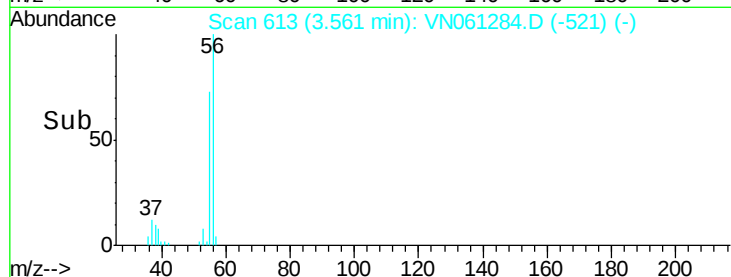
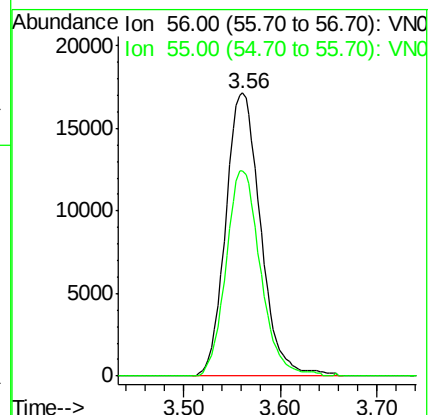
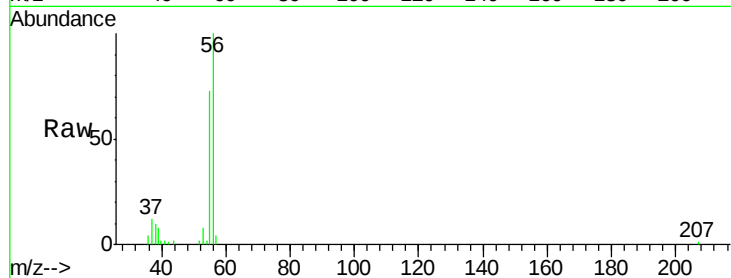
ClientSampleId :

Tot Ion: 56 Resp: 43089

Ion Ratio Lower Upper

56 100

55 71.6 58.5 87.7



#14

Allyl chloride

Concen: 58.191 ug/l

RT: 4.27 min Scan# 833

Delta R.T. -0.01 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

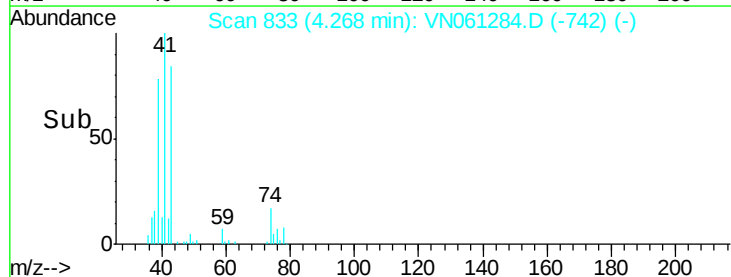
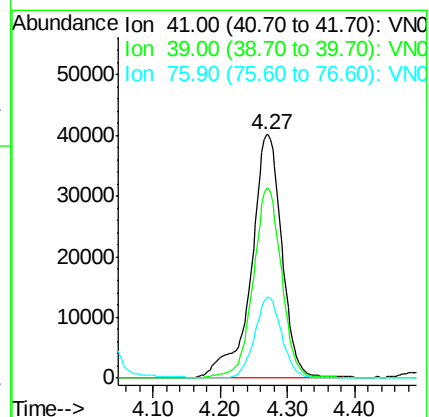
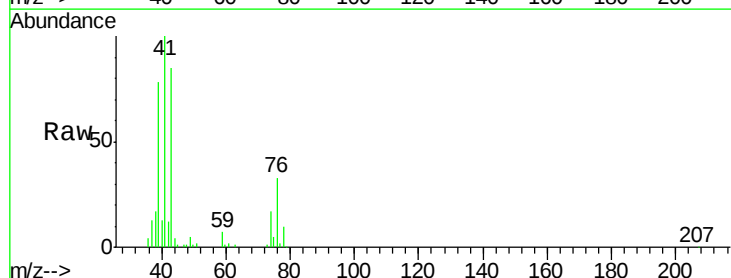
Tgt Ion: 41 Resp: 126720

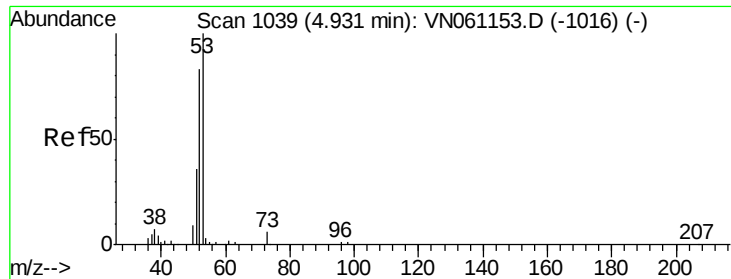
Ion Ratio Lower Upper

41 100

39 72.2 57.1 85.7

76 29.3 24.3 36.5

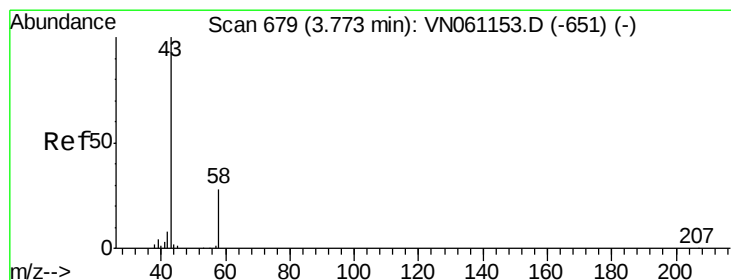
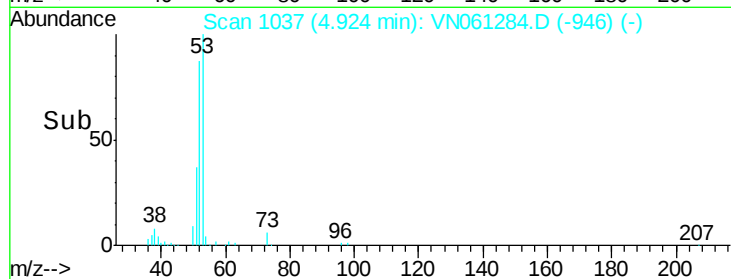
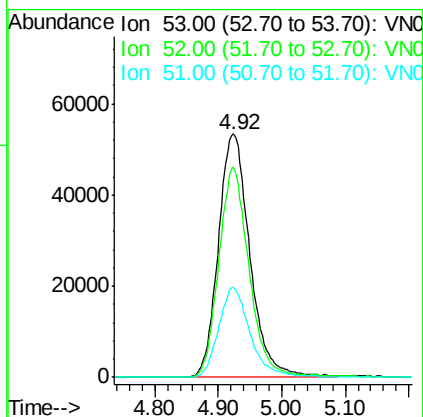
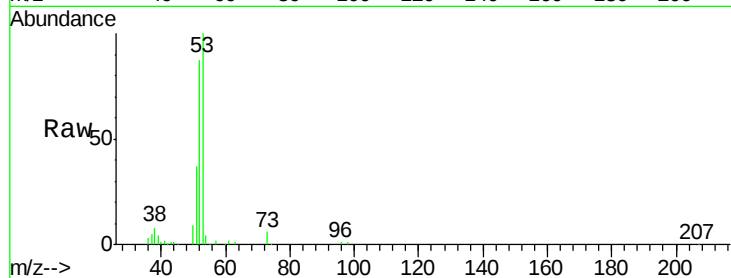




#15
 Acrylonitrile
 Concen: 253.695 ug/l
 RT: 4.92 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

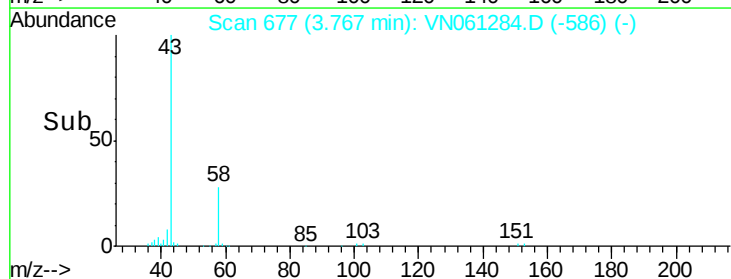
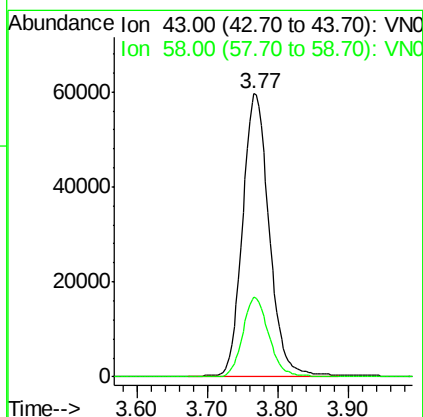
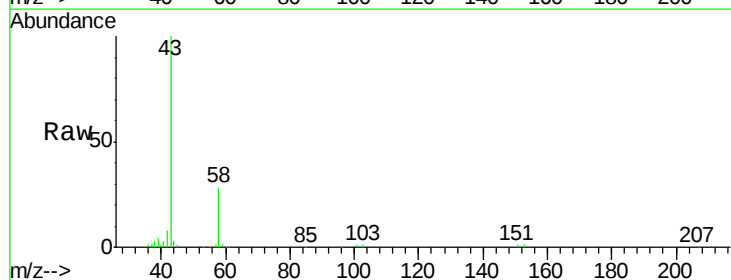
Instrument :
 MSVOA_N
 ClientSampled :

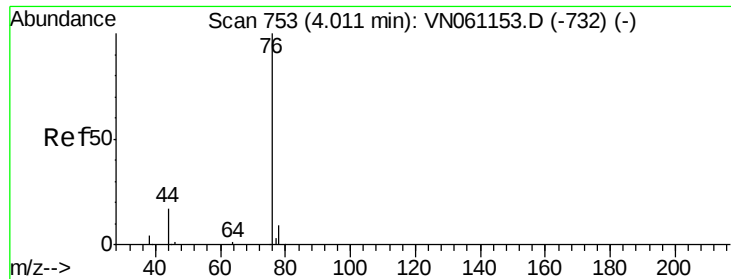
Tot Ion: 53 Resp: 183749
 Ion Ratio Lower Upper
 53 100
 52 82.6 65.4 98.0
 51 37.0 29.5 44.3



#16
 Acetone
 Concen: 231.269 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

Tgt Ion: 43 Resp: 157822
 Ion Ratio Lower Upper
 43 100
 58 28.1 22.2 33.2

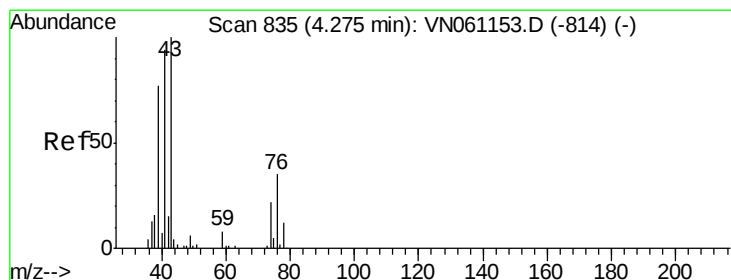
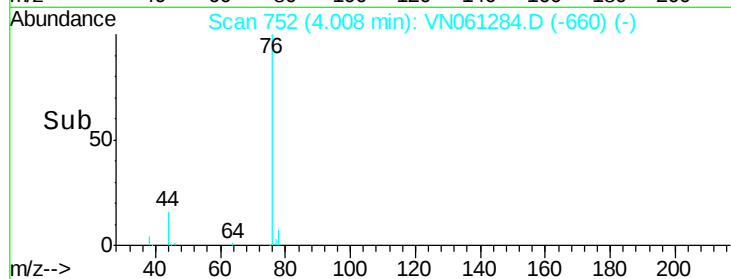
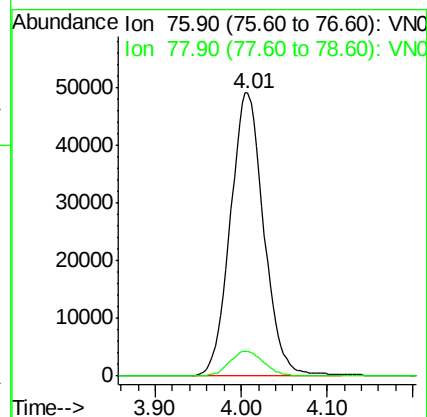
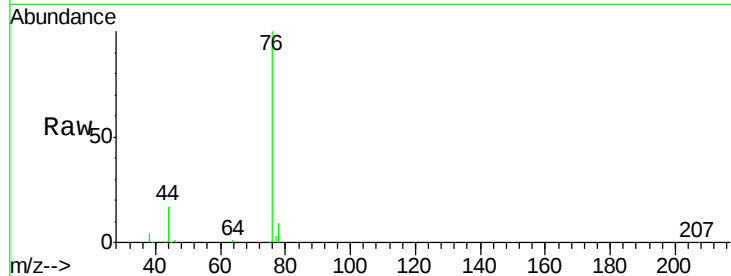




#17
Carbon Disulfide
Concen: 40.912 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

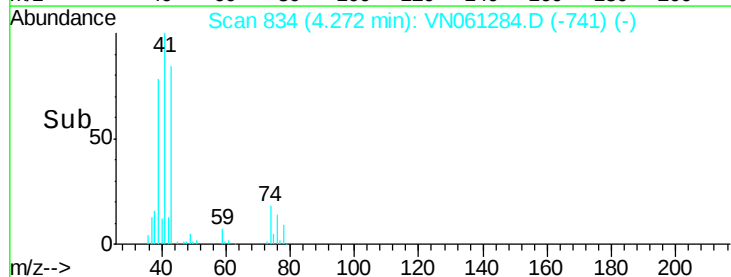
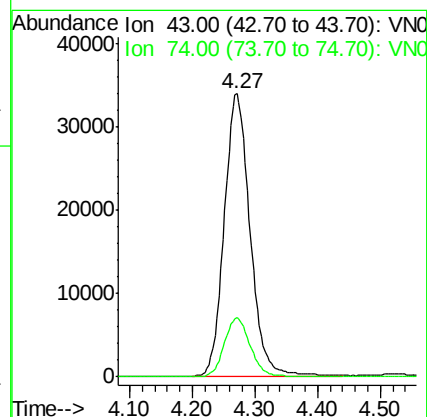
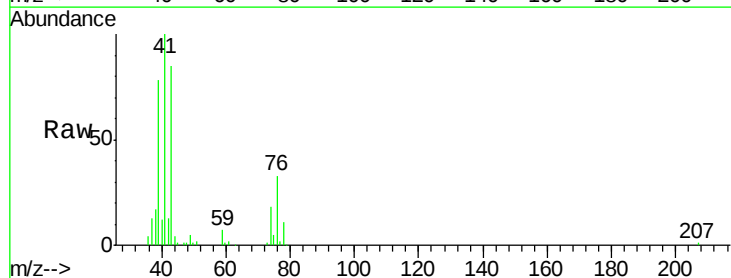
Instrument :
MSVOA_N
ClientSampled :

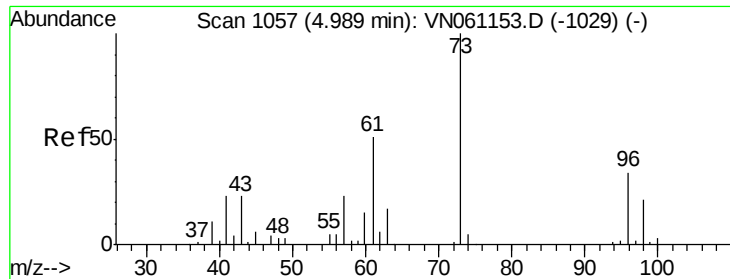
Tot Ion: 76 Resp: 132729
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 44.194 ug/l
RT: 4.27 min Scan# 834
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion: 43 Resp: 98083
Ion Ratio Lower Upper
43 100
74 20.7 17.0 25.4

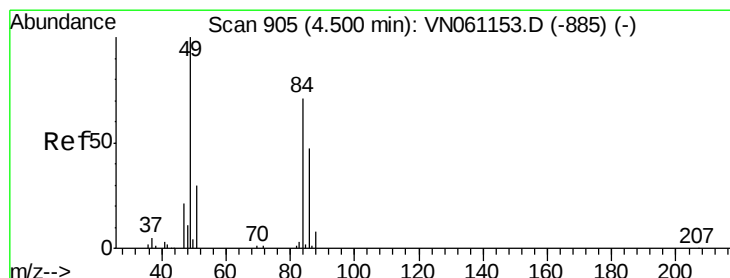
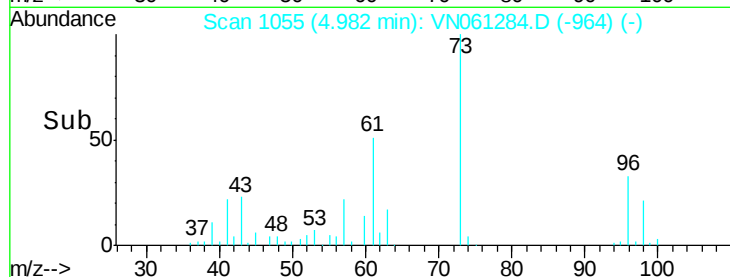
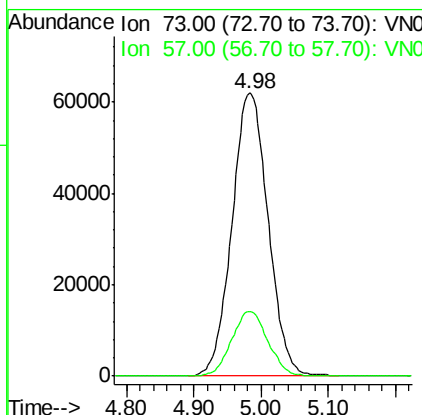
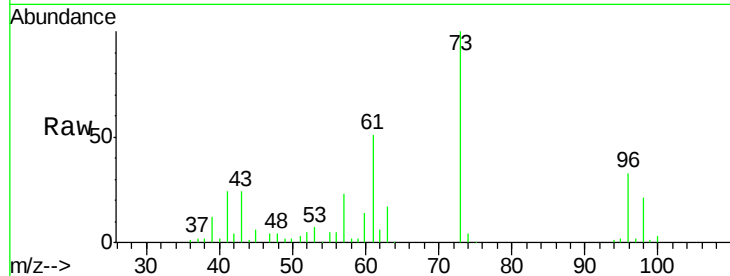




#19
Methyl tert-butyl Ether
Concen: 51.514 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

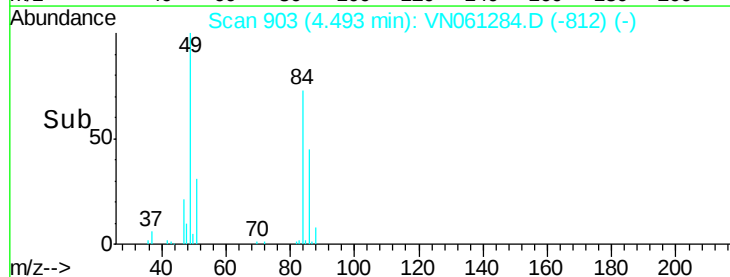
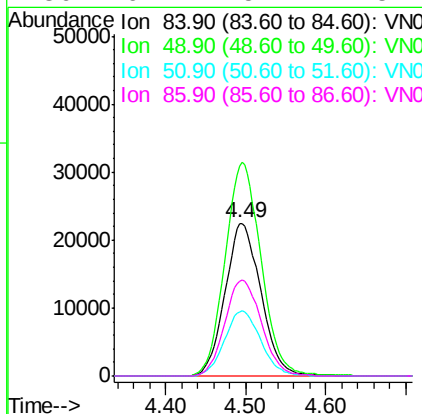
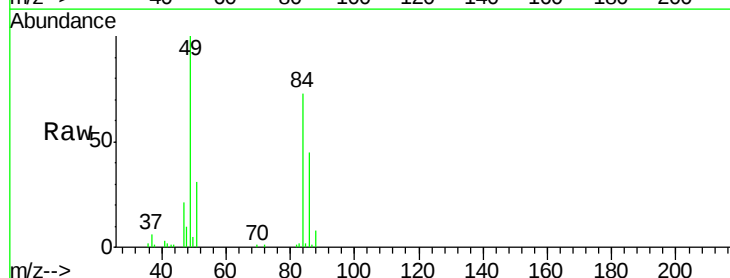
Instrument :
MSVOA_N
ClientSampled :

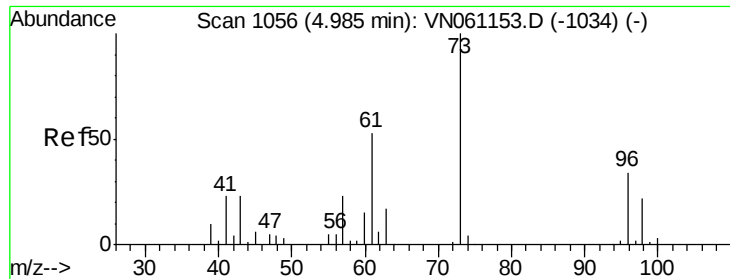
Tot Ion: 73 Resp: 231181
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5



#20
Methylene Chloride
Concen: 50.123 ug/l
RT: 4.49 min Scan# 903
Delta R.T. -0.01 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion: 84 Resp: 68841
Ion Ratio Lower Upper
84 100
49 137.3 112.0 168.0
51 41.9 33.6 50.4
86 62.2 52.1 78.1



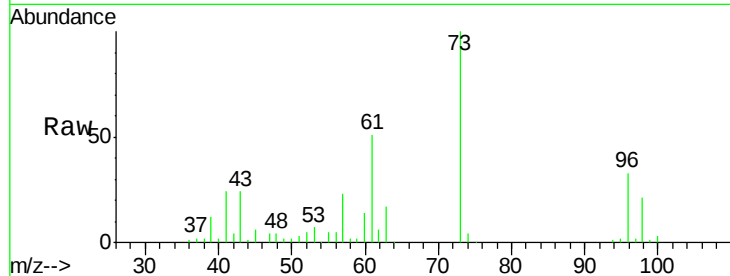


#21

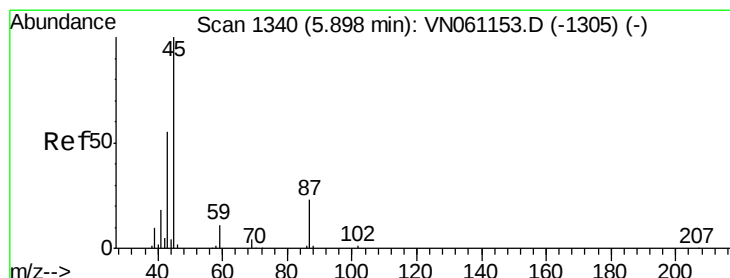
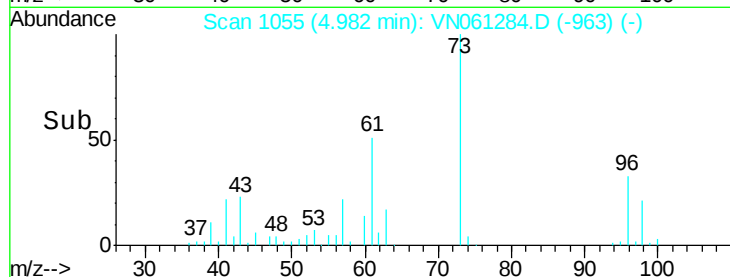
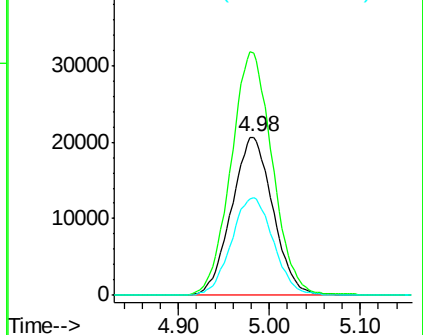
trans-1,2-Dichloroethene
Concen: 50.941 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 65147
Ion Ratio Lower Upper
96 100
61 153.3 123.0 184.4
98 61.8 50.1 75.1



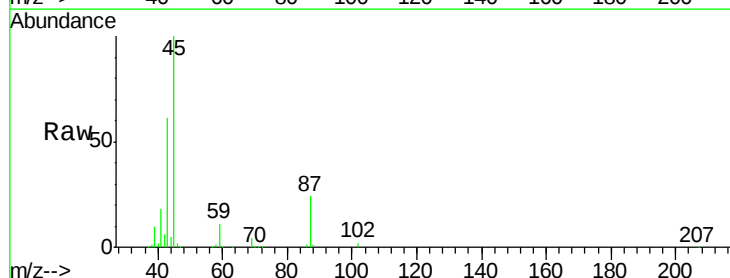
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



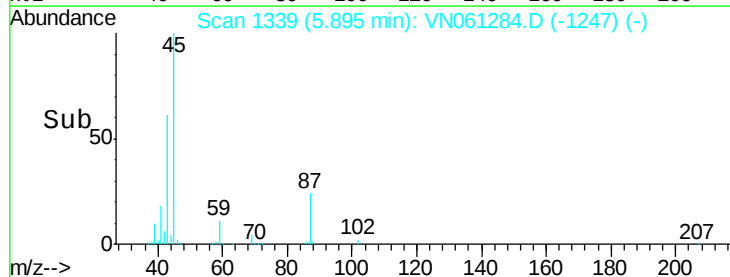
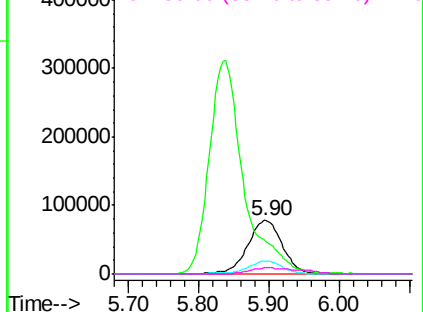
#22

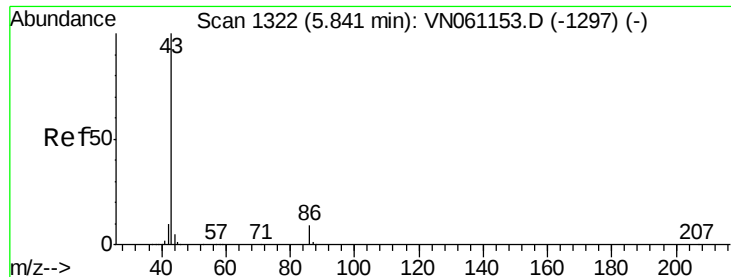
Diisopropyl ether
Concen: 53.091 ug/l
RT: 5.90 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion: 45 Resp: 268103
Ion Ratio Lower Upper
45 100
43 59.5 47.9 71.9
87 23.6 19.2 28.8
59 10.6 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

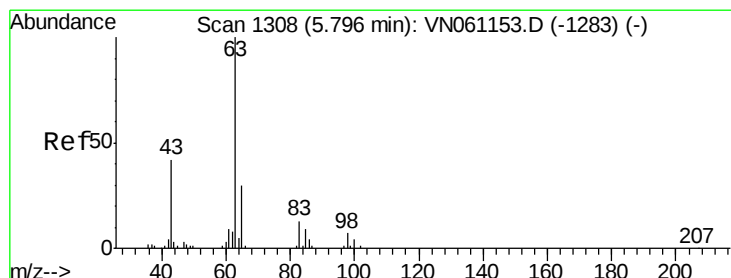
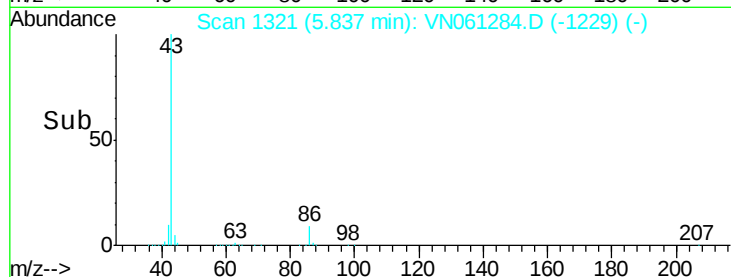
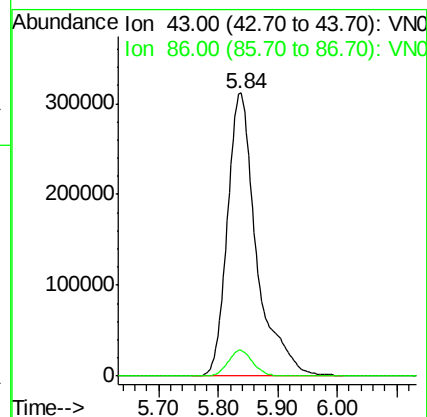
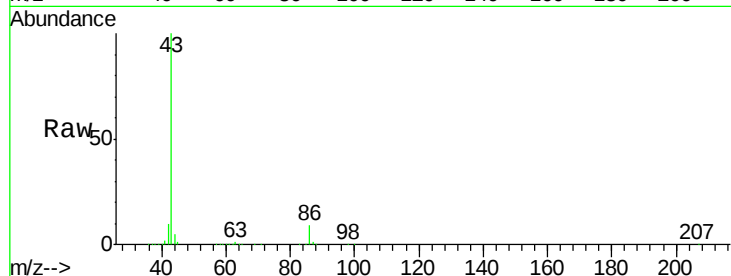




#23
 Vinyl Acetate
 Concen: 260.793 ug/l
 RT: 5.84 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

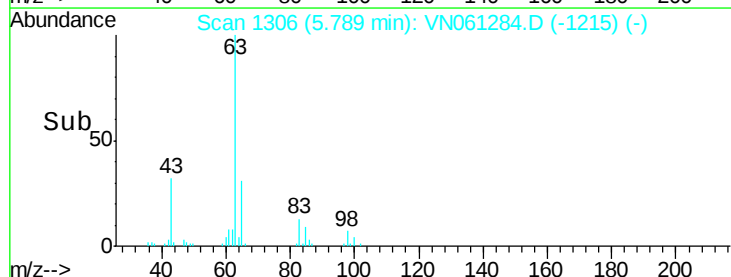
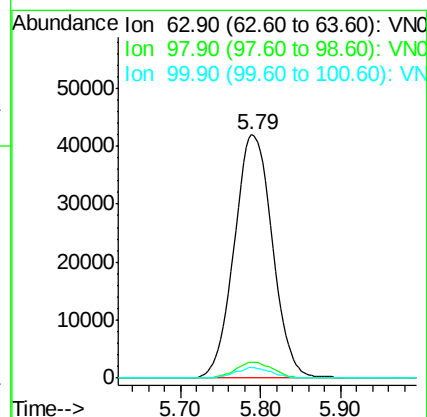
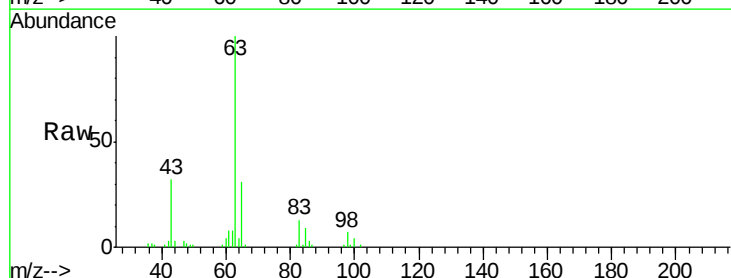
Instrument :
 MSVOA_N
 ClientSampleId :

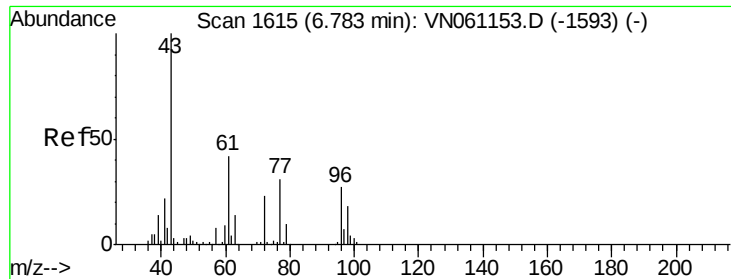
Tot Ion: 43 Resp: 1060390
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 51.471 ug/l
 RT: 5.79 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

Tgt Ion: 63 Resp: 135804
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.4 1.9 5.7





#25

2-Butanone

Concen: 240.939 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. -0.01 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

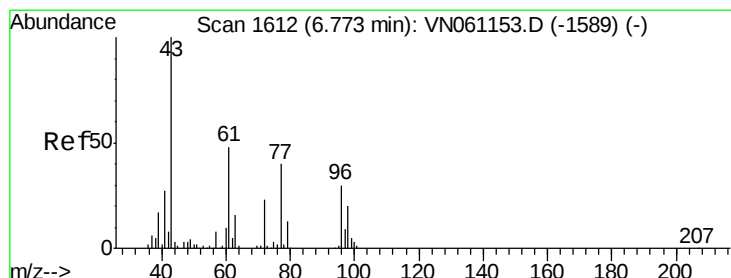
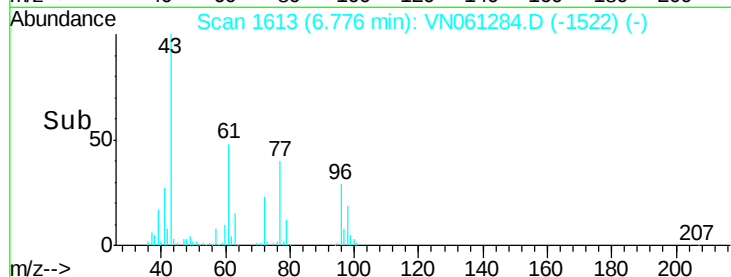
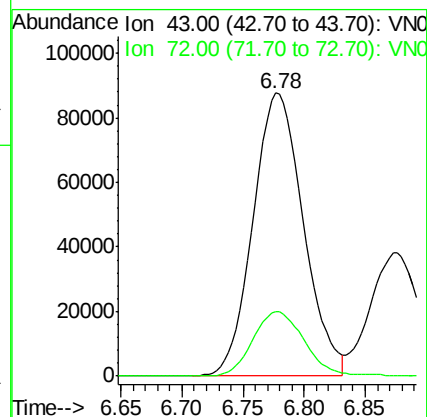
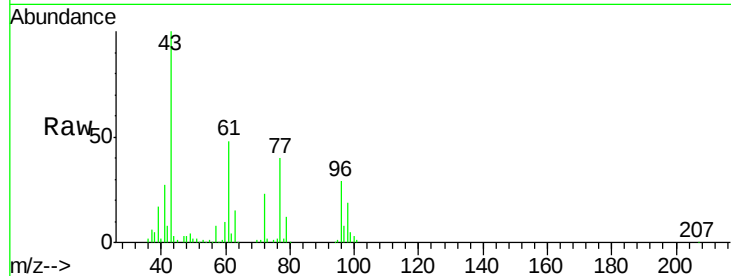
ClientSampleId :

Tot Ion: 43 Resp: 251117

Ion Ratio Lower Upper

43 100

72 22.7 18.2 27.4



#26

2,2-Dichloropropane

Concen: 53.244 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VN061284.D

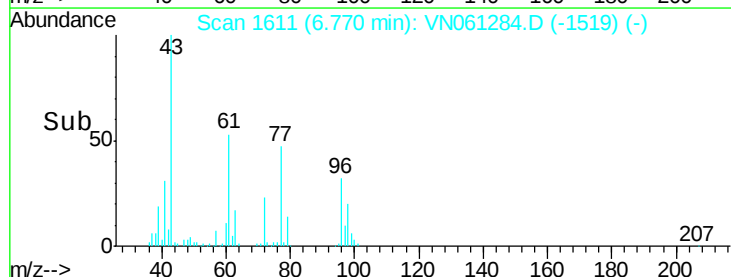
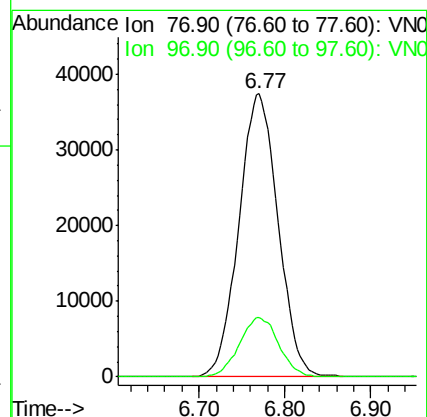
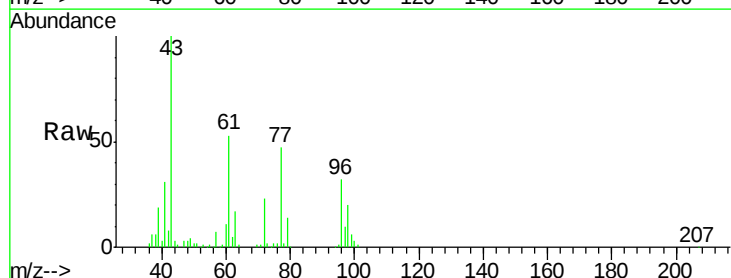
Acq: 5 May 2020 11:43

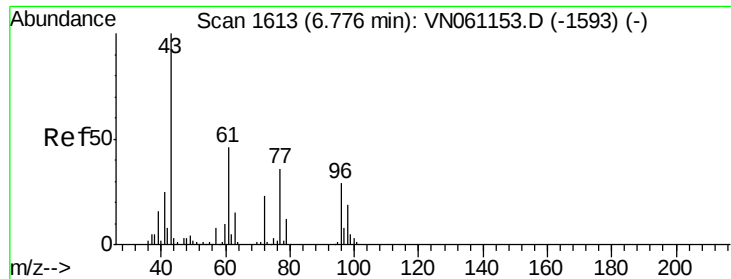
Tgt Ion: 77 Resp: 118325

Ion Ratio Lower Upper

77 100

97 21.1 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 50.731 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :
MSVOA_N
ClientSampled :

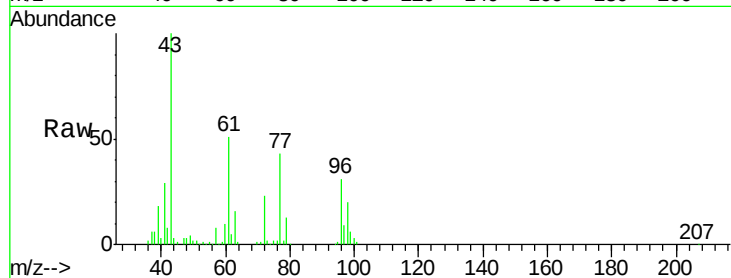
Tot Ion: 96 Resp: 76137

Ion Ratio Lower Upper

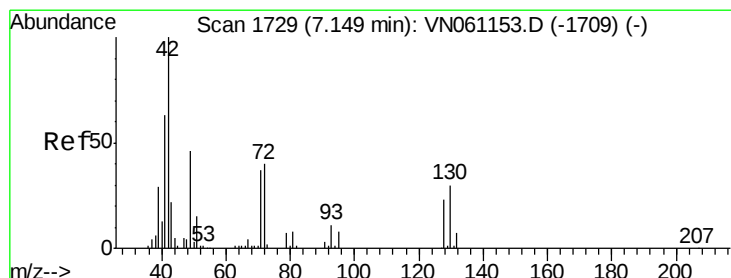
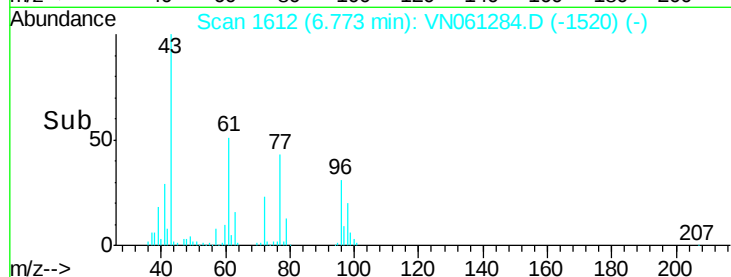
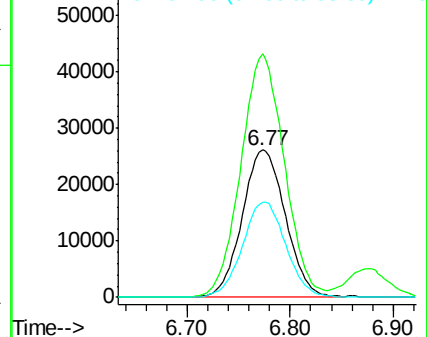
96 100

61 165.8 0.0 322.0

98 64.9 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 55.820 ug/l

RT: 7.14 min Scan# 1727

Delta R.T. -0.01 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

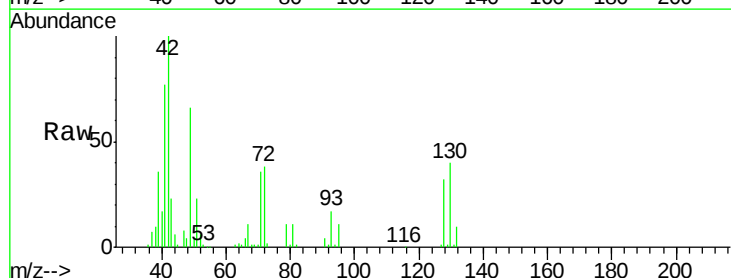
Tgt Ion: 49 Resp: 69806

Ion Ratio Lower Upper

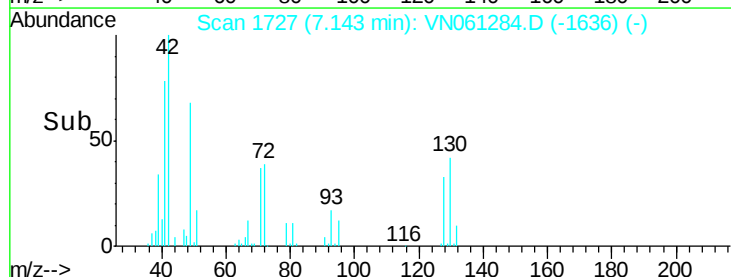
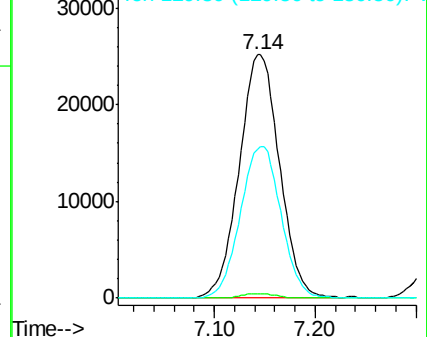
49 100

129 1.4 0.0 3.0

130 62.7 51.4 77.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

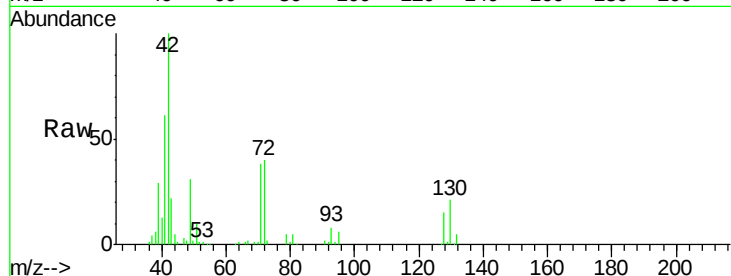




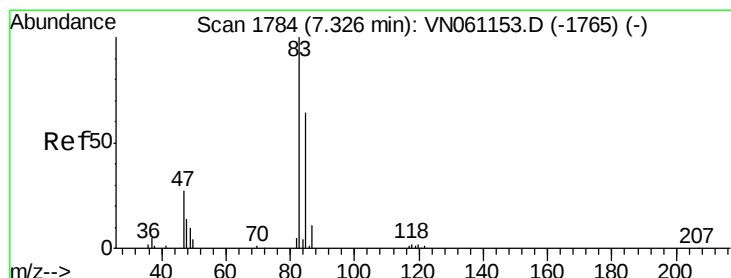
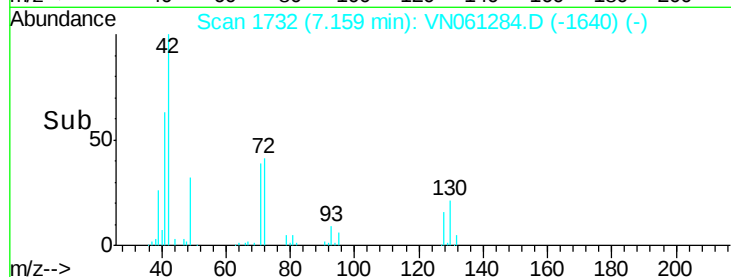
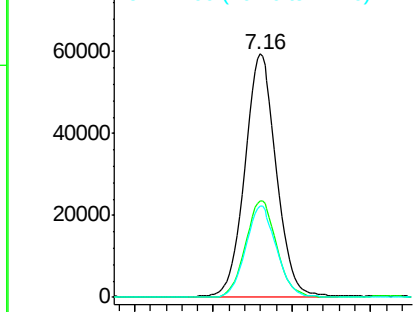
#29
Tetrahydrofuran
Concen: 240.346 ug/l
RT: 7.16 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 168742
Ion Ratio Lower Upper
42 100
72 39.3 31.4 47.0
71 36.7 29.5 44.3

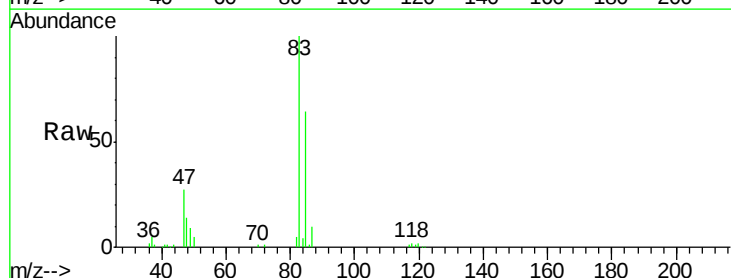


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

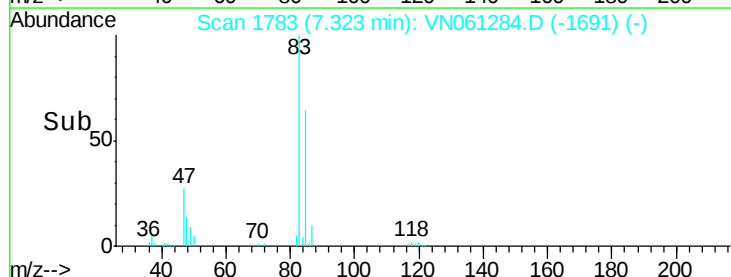
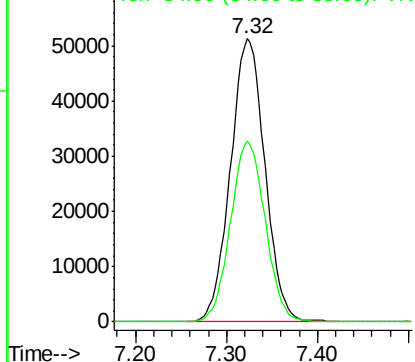


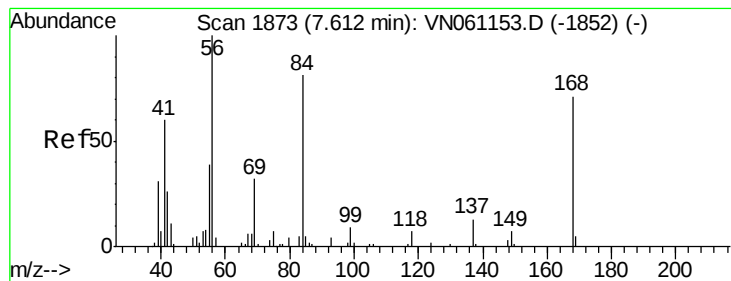
#30
Chloroform
Concen: 50.532 ug/l
RT: 7.32 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion: 83 Resp: 135110
Ion Ratio Lower Upper
83 100
85 64.1 51.1 76.7



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





#31

Cyclohexane

Concen: 45.300 ug/l

RT: 7.61 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

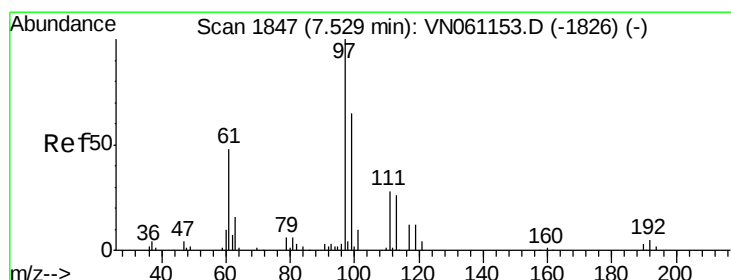
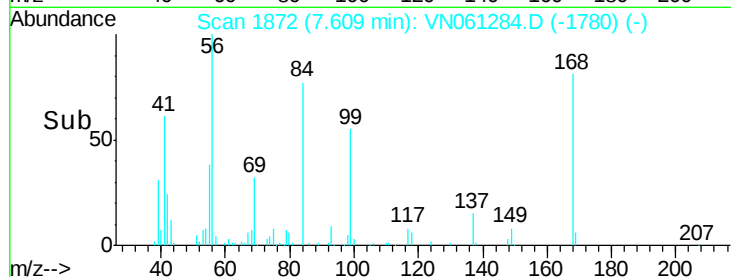
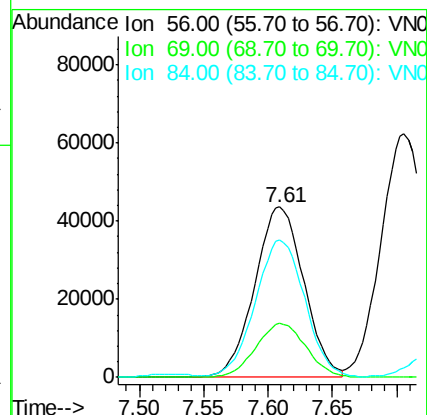
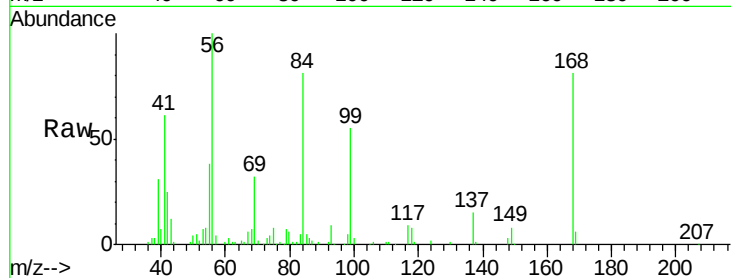
Tot Ion: 56 Resp: 116073

Ion Ratio Lower Upper

56 100

69 31.6 25.7 38.5

84 79.7 64.6 97.0



#32

1,1,1-Trichloroethane

Concen: 50.027 ug/l

RT: 7.53 min Scan# 1846

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

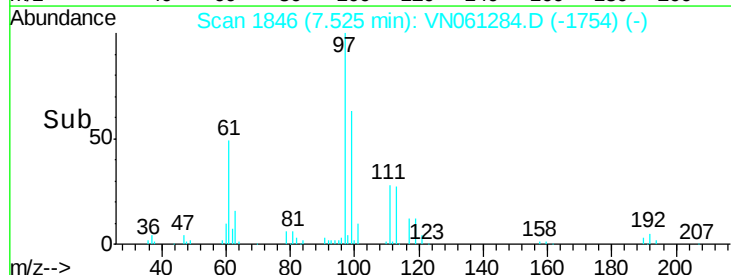
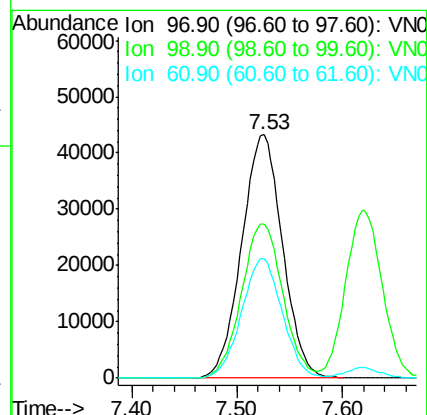
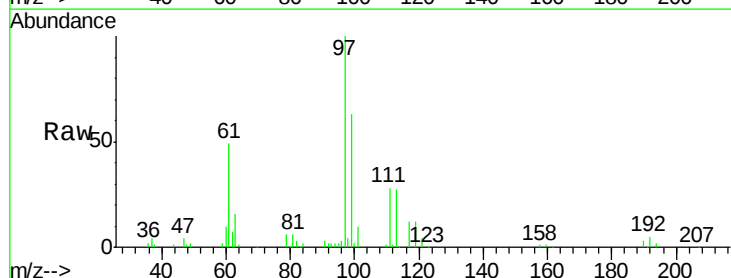
Tgt Ion: 97 Resp: 116478

Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 48.8 38.6 57.8





#33

1,2-Dichloroethane-d4

Concen: 53.815 ug/l

RT: 7.98 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

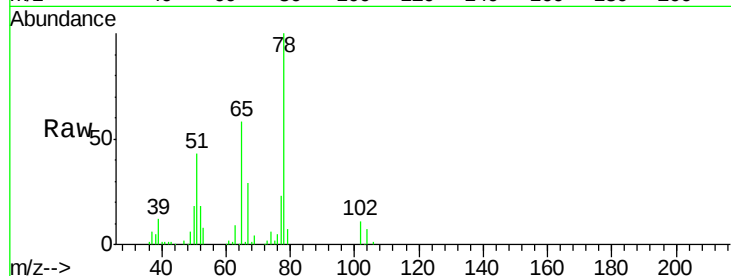
ClientSampleId :

Tot Ion: 65 Resp: 94787

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN061153.D (-1972) (-)

Ion 66.90 (66.60 to 67.60): VN061153.D (-1972) (-)

7.98

40000

30000

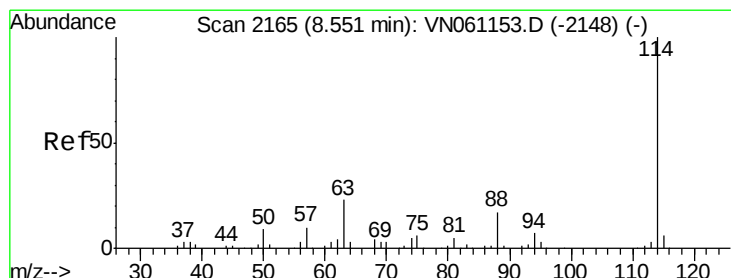
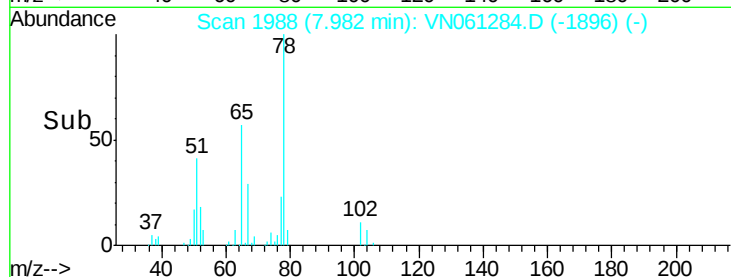
20000

10000

0

Time-->

7.90 7.95 8.00 8.05



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

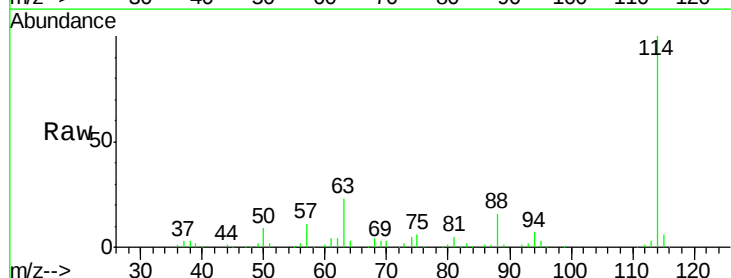
Tgt Ion: 114 Resp: 190756

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.6

88 16.3 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VN061153.D (-2148) (-)

Ion 63.00 (62.70 to 63.70): VN061153.D (-2148) (-)

Ion 87.90 (87.60 to 88.60): VN061153.D (-2148) (-)

8.55

120000

100000

80000

60000

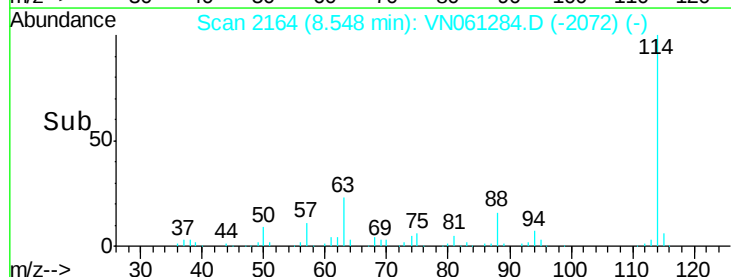
40000

20000

0

Time-->

8.50 8.55 8.60

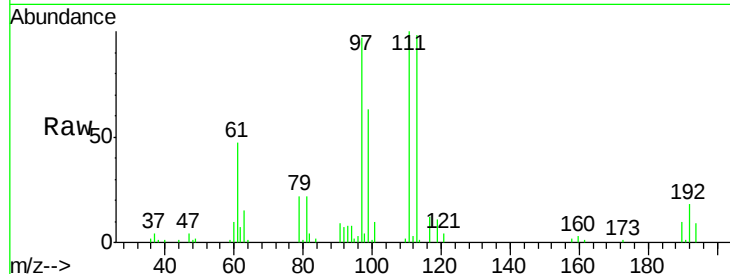




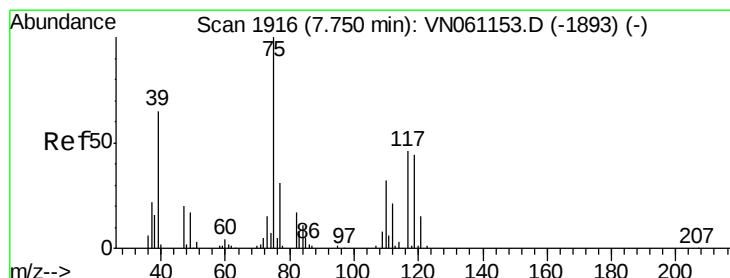
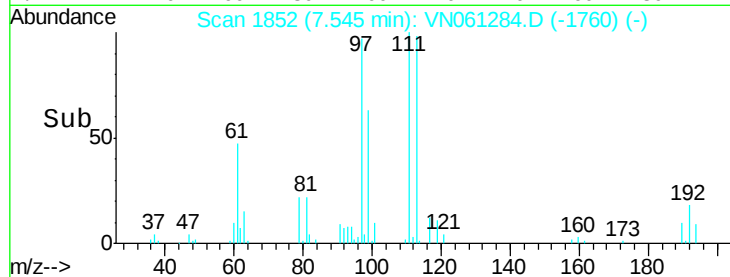
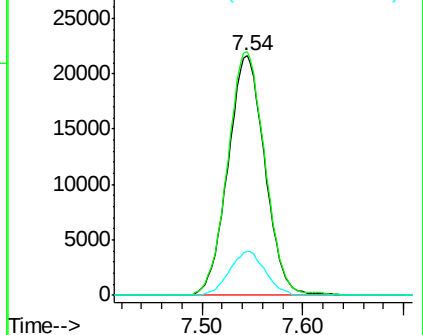
#35
 Dibromofluoromethane
 Concen: 48.627 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 54850
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 17.7 14.7 22.1

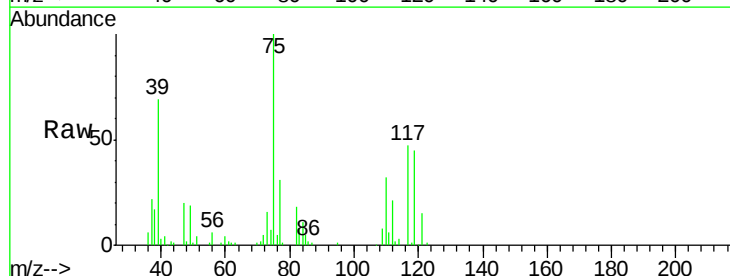


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

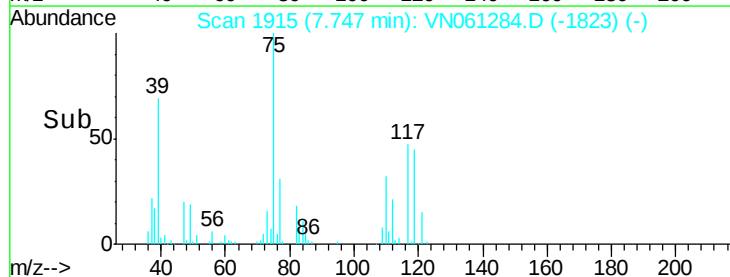
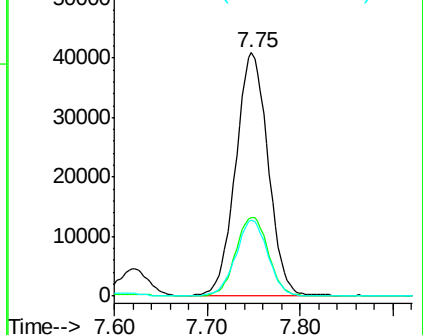


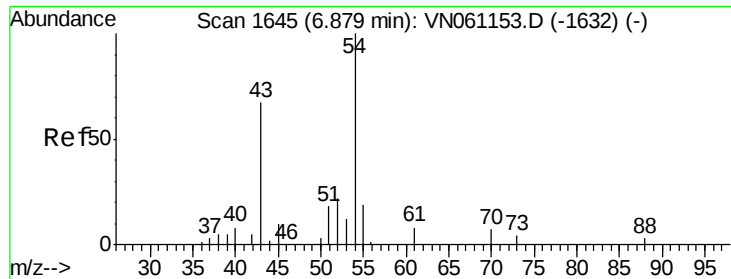
#36
 1,1-Dichloropropene
 Concen: 52.113 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

Tgt Ion: 75 Resp: 99513
 Ion Ratio Lower Upper
 75 100
 110 32.3 16.0 48.0
 77 30.7 24.6 37.0



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

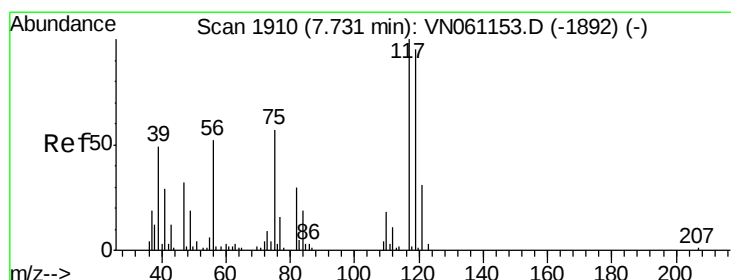
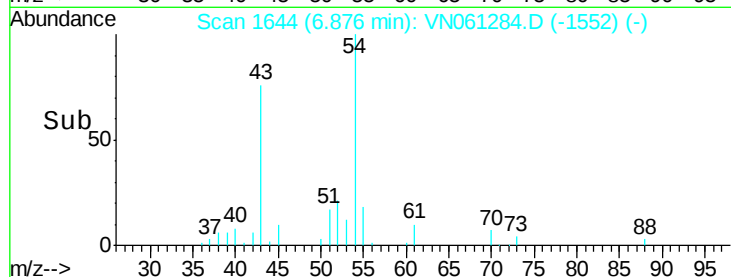
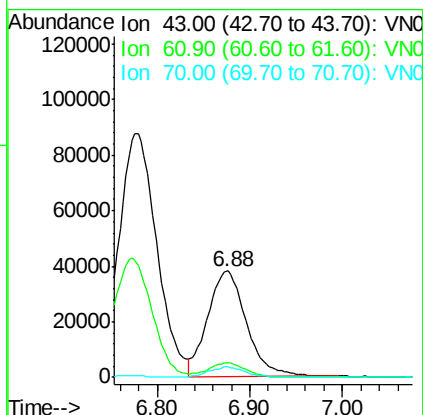
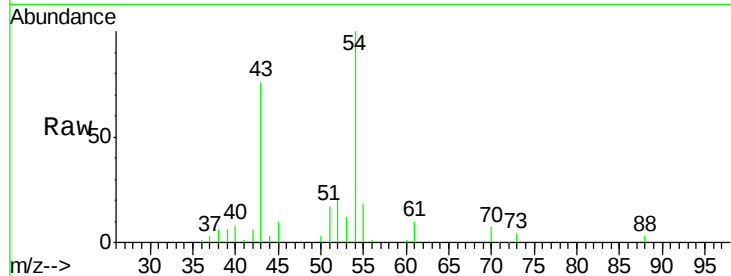




#37
Ethyl Acetate
Concen: 49.295 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

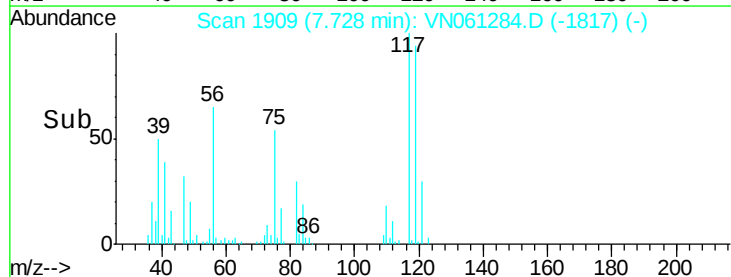
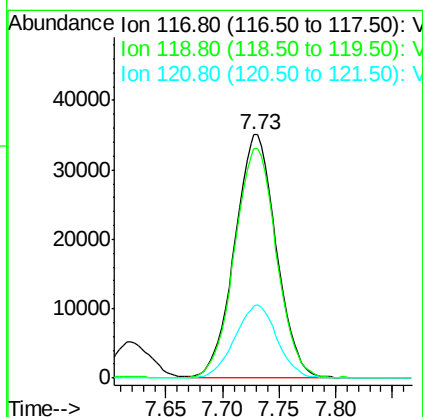
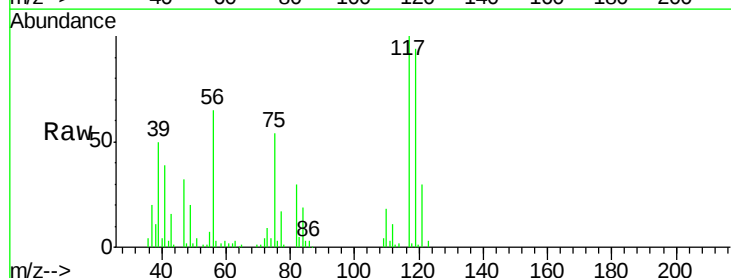
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 110353
Ion Ratio Lower Upper
43 100
61 13.1 10.2 15.2
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 51.217 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion: 117 Resp: 89335
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.6
121 29.7 24.7 37.1

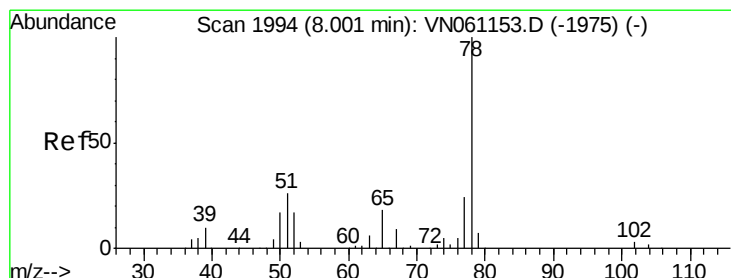
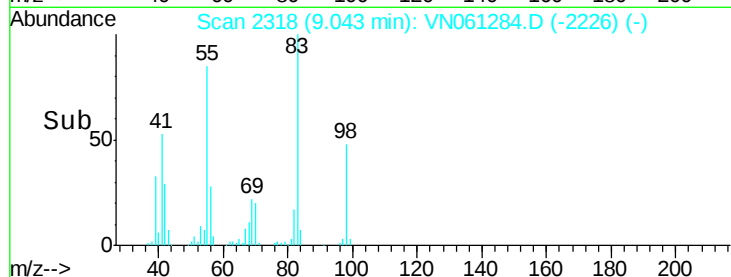
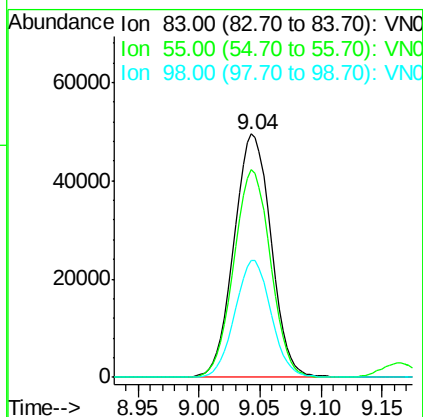
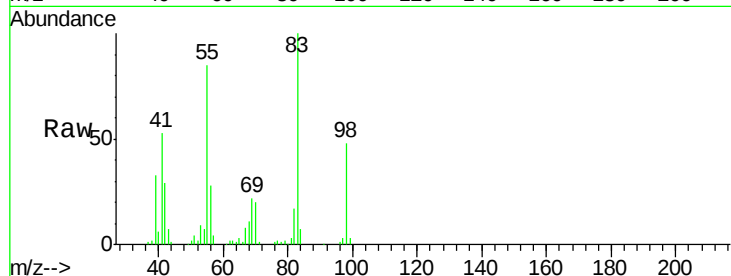




#39
Methvlcvclohexane
Concen: 48.721 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

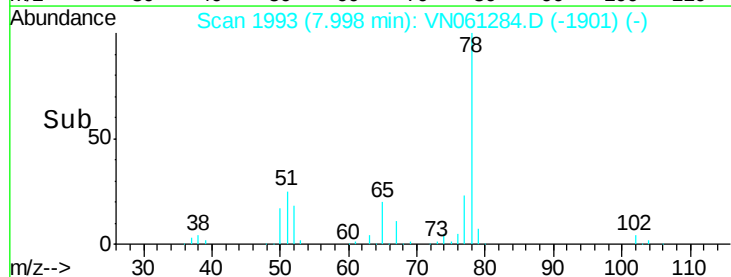
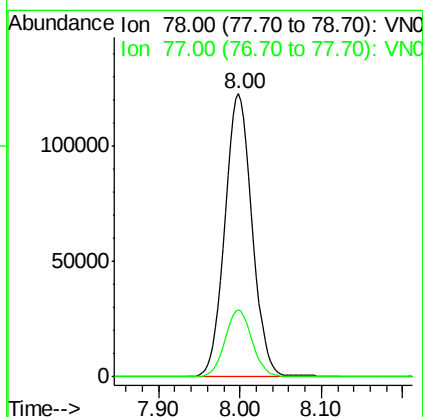
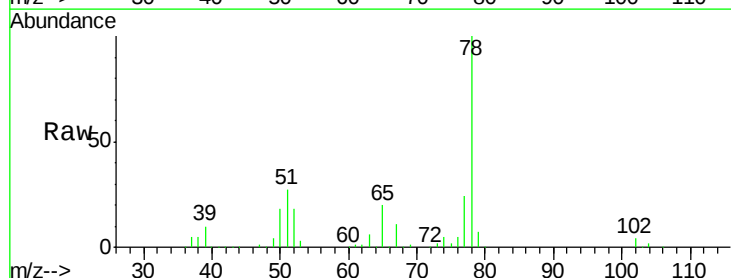
Instrument :
MSVOA_N
ClientSampleId :

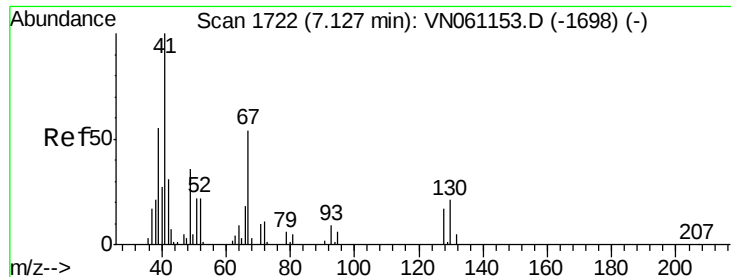
Tot Ion: 83 Resp: 104336
Ion Ratio Lower Upper
83 100
55 85.2 67.3 100.9
98 48.1 37.7 56.5



#40
Benzene
Concen: 50.788 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion: 78 Resp: 288937
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

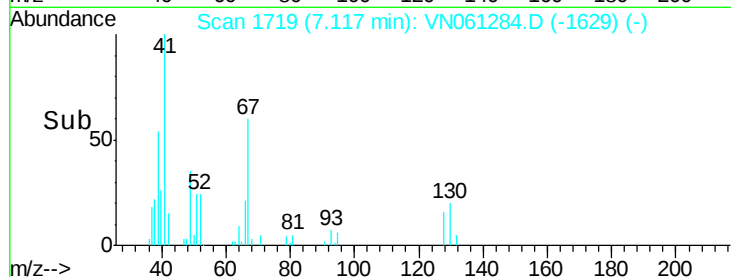
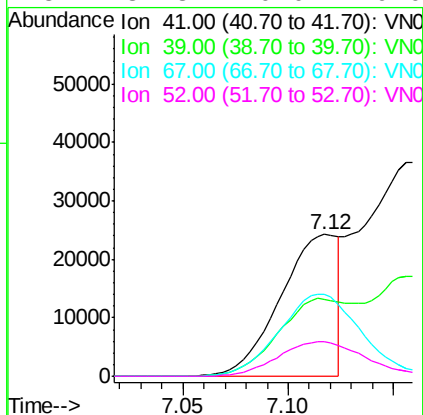
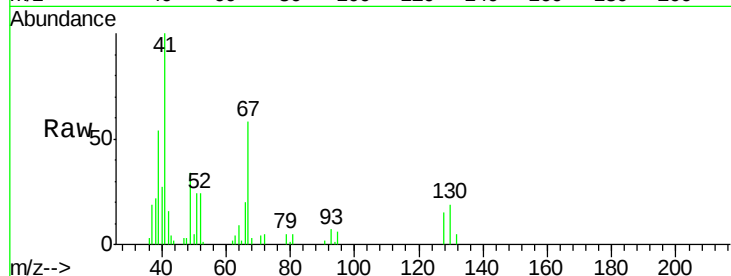




#41
Methacrylonitrile
Concen: 49.752 ug/l
RT: 7.12 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

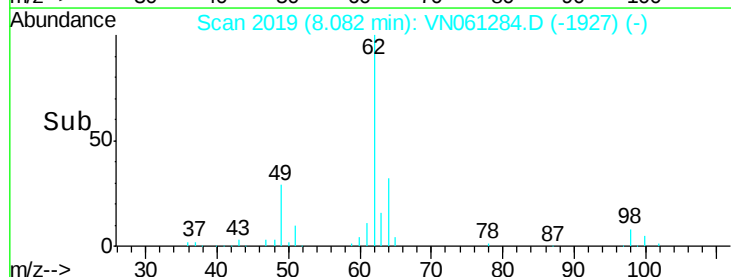
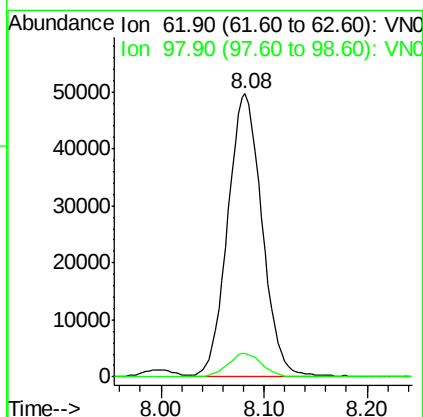
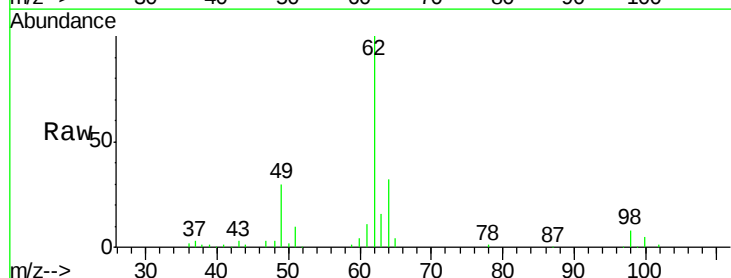
Instrument :
MSVOA_N
ClientSampled :

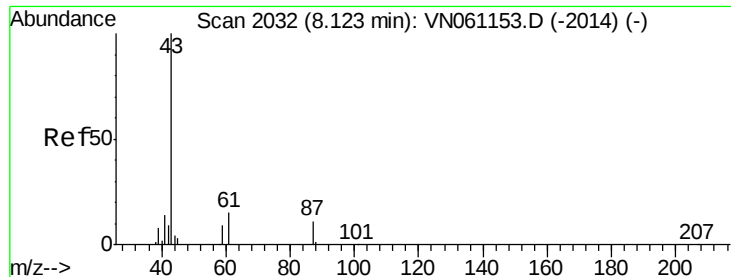
Tot Ion:	41	Resp:	46243
Ion	Ratio	Lower	Upper
41	100		
39	66.2	0.0	0.0#
67	83.6	0.0	0.0#
52	37.3	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 53.088 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion:	62	Resp:	114416
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.8

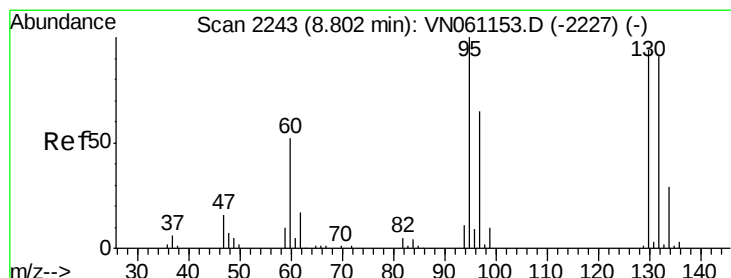
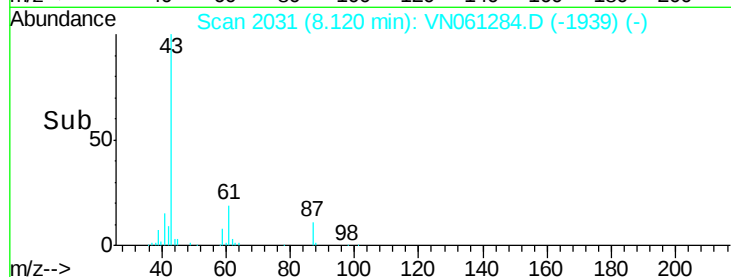
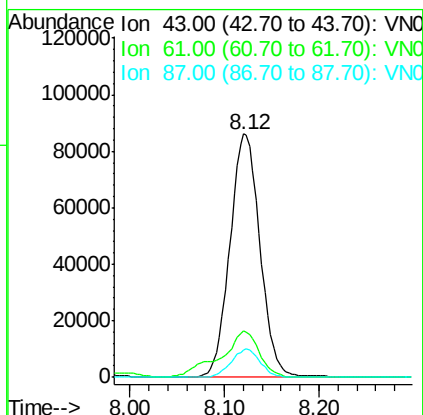
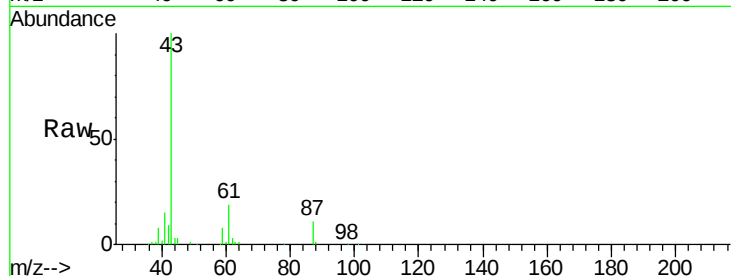




#43
Isopropyl Acetate
Concen: 51.271 ug/l
RT: 8.12 min Scan# 2031
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

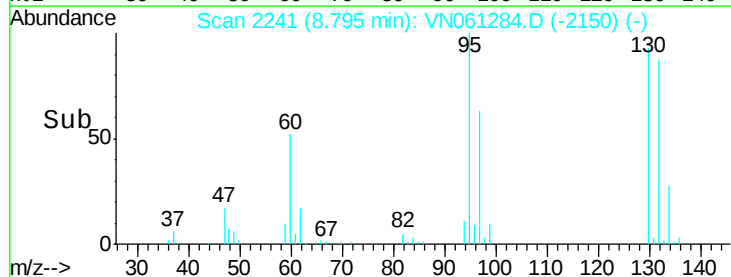
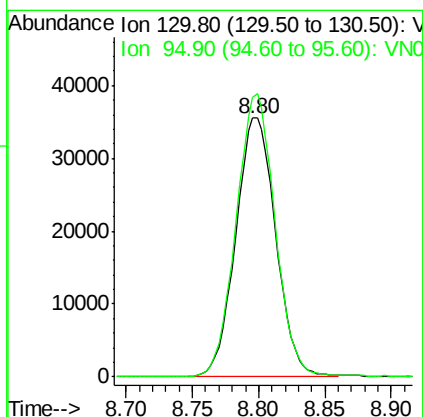
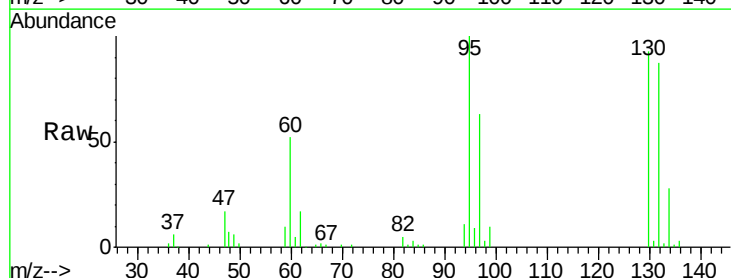
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 190486
Ion Ratio Lower Upper
43 100
61 24.5 19.5 29.3
87 11.1 8.9 13.3



#44
Trichloroethene
Concen: 48.471 ug/l
RT: 8.80 min Scan# 2241
Delta R.T. -0.01 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion:130 Resp: 74544
Ion Ratio Lower Upper
130 100
95 107.9 0.0 212.4





#45

1,2-Dichloropropane

Concen: 52.170 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

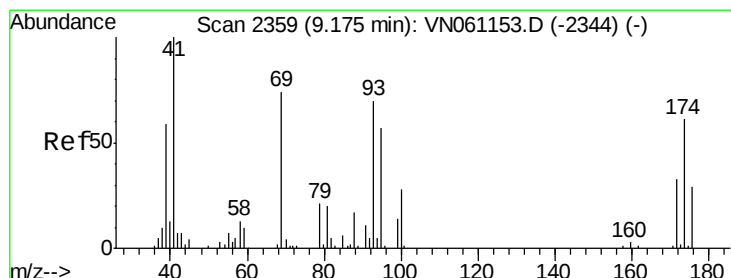
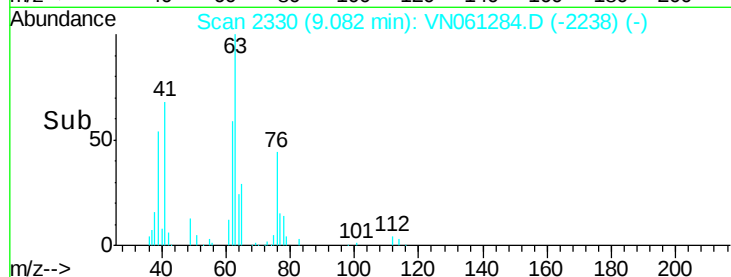
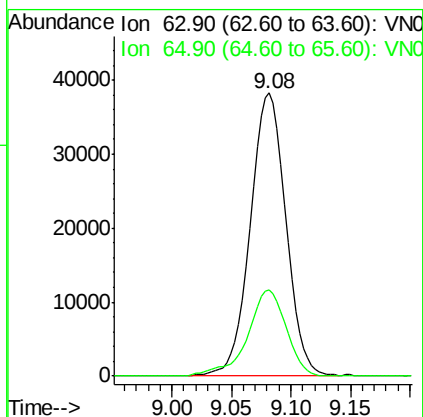
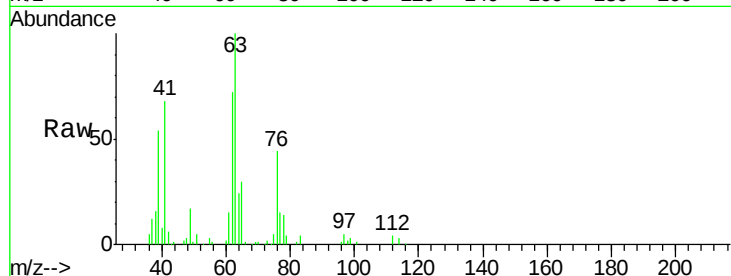
ClientSampled :

Tot Ion: 63 Resp: 79292

Ion Ratio Lower Upper

63 100

65 30.4 24.7 37.1



#46

Dibromomethane

Concen: 53.143 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

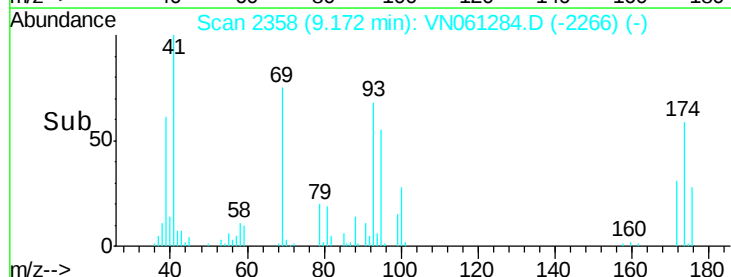
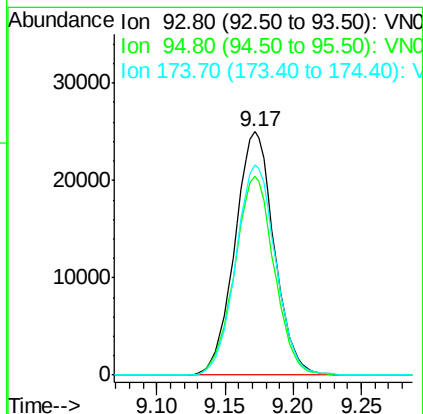
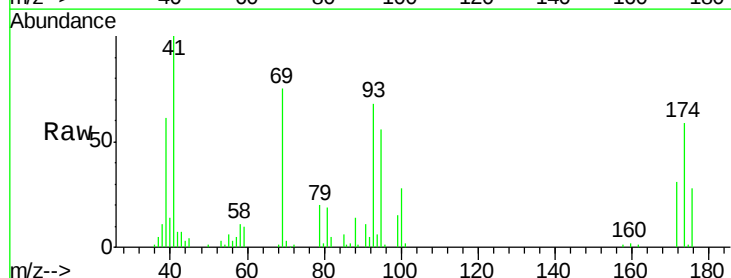
Tgt Ion: 93 Resp: 50011

Ion Ratio Lower Upper

93 100

95 82.0 66.6 99.8

174 87.5 70.2 105.2





#47

Bromodichloromethane

Concen: 54.364 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

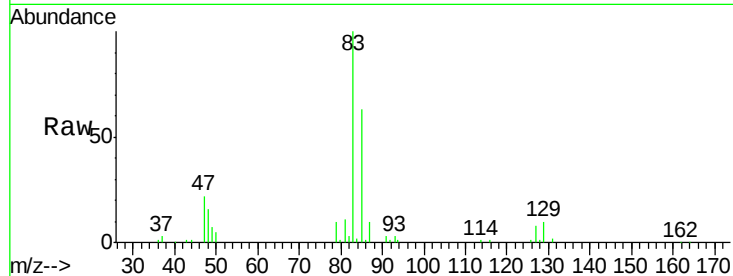
Tot Ion: 83 Resp: 109809

Ion Ratio Lower Upper

83 100

85 63.0 50.4 75.6

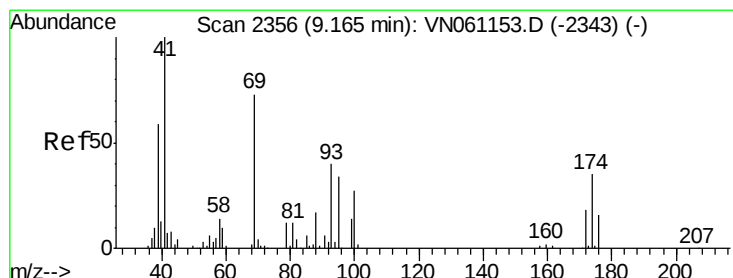
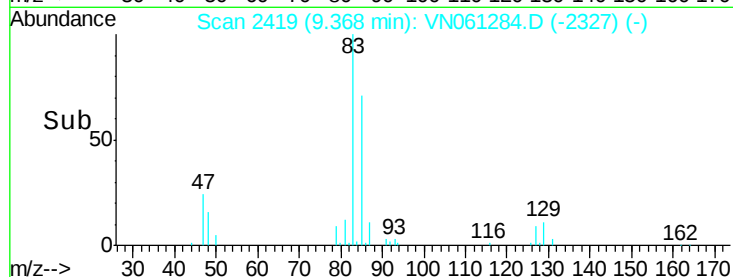
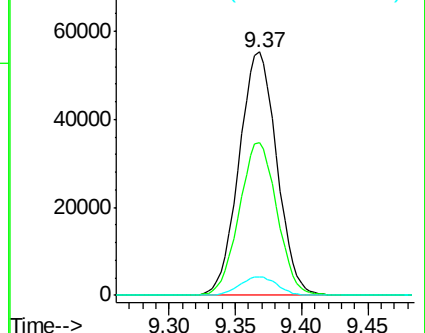
127 7.7 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN061153.D (-2404) (-)



#48

Methyl methacrylate

Concen: 51.285 ug/l

RT: 9.16 min Scan# 2355

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

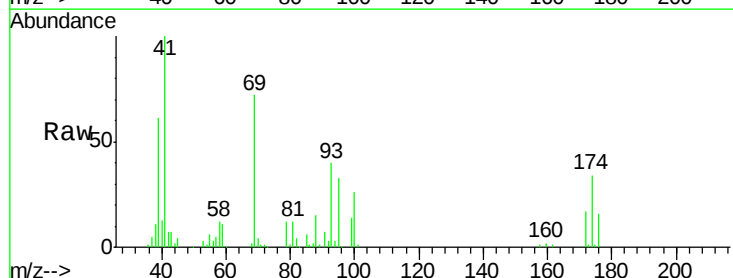
Tgt Ion: 41 Resp: 85981

Ion Ratio Lower Upper

41 100

69 75.8 60.3 90.5

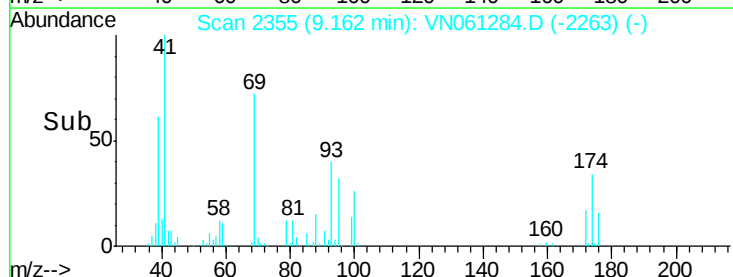
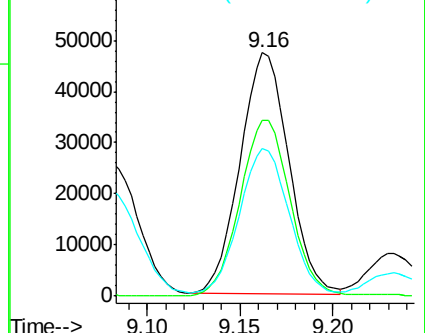
39 63.6 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-2343) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-2343) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-2343) (-)

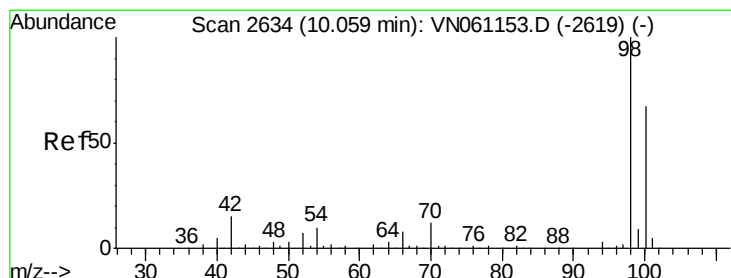
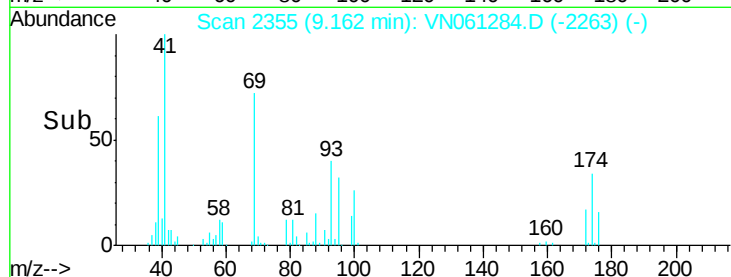
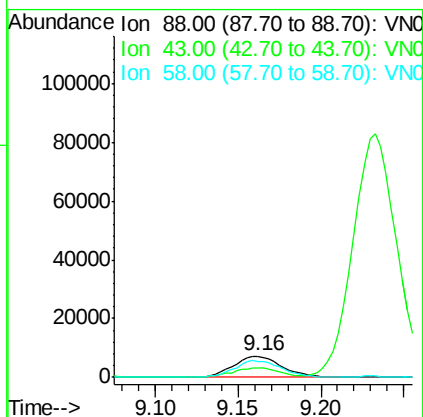
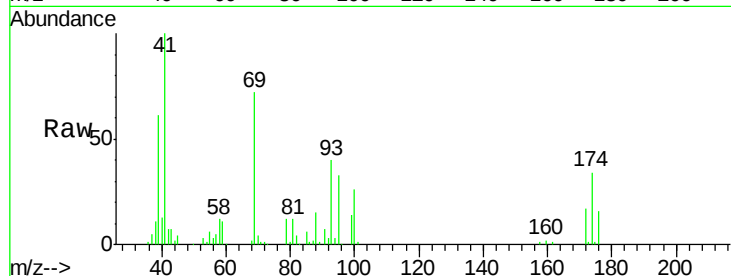




#49
1,4-Dioxane
Concen: 753.576 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

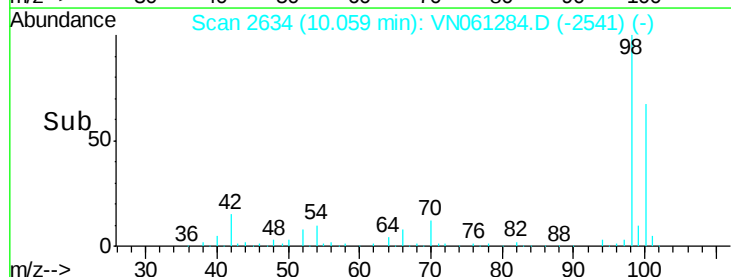
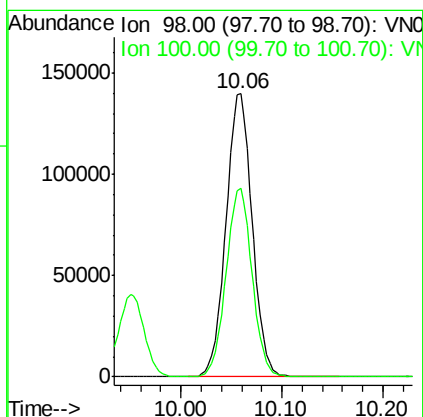
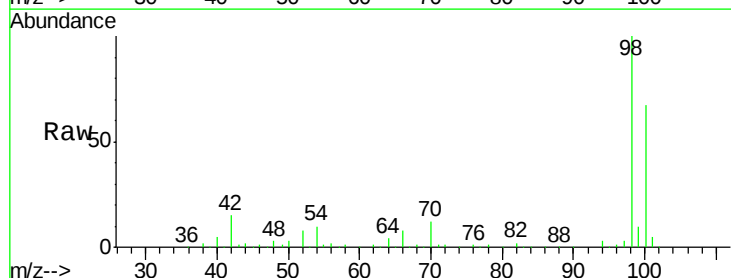
Instrument :
MSVOA_N
ClientSampled :

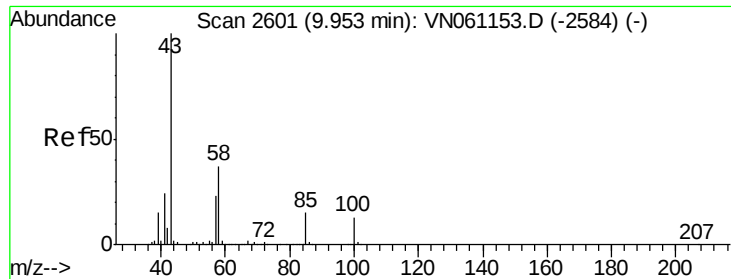
Tot Ion: 88 Resp: 14341
Ion Ratio Lower Upper
88 100
43 46.2 35.3 52.9
58 77.8 61.5 92.3



#50
Toluene-d8
Concen: 55.285 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion: 98 Resp: 254217
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0

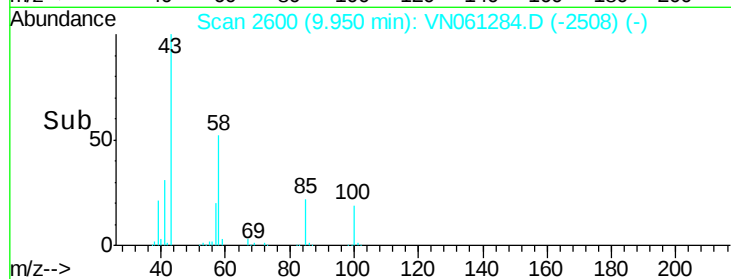
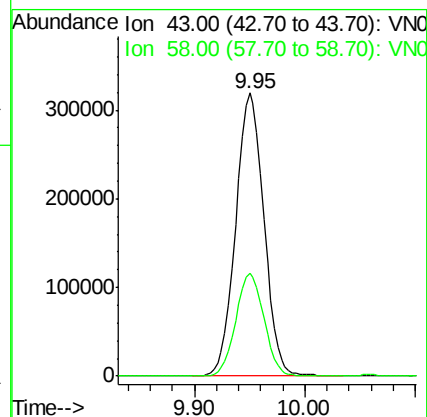
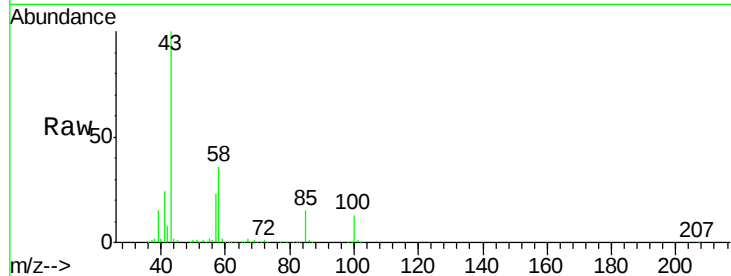




#51
 4-Methyl-2-Pentanone
 Concen: 259.404 ug/l
 RT: 9.95 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

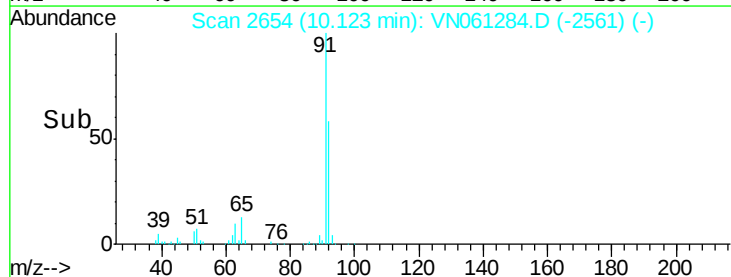
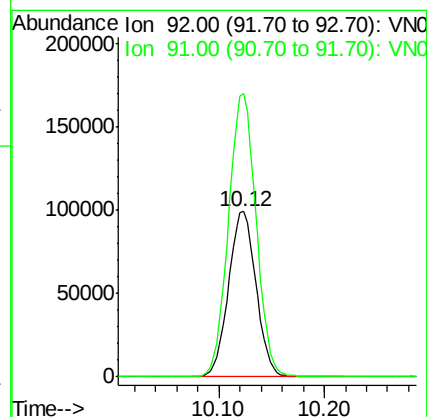
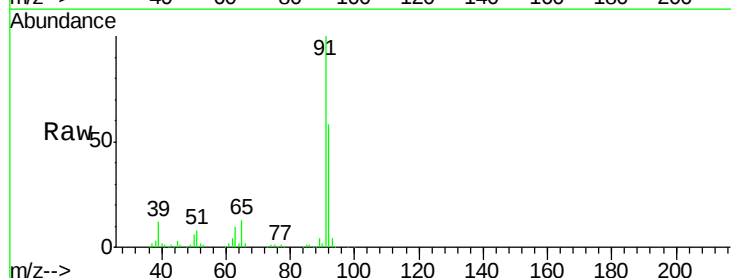
Instrument :
 MSVOA_N
 ClientSampled :

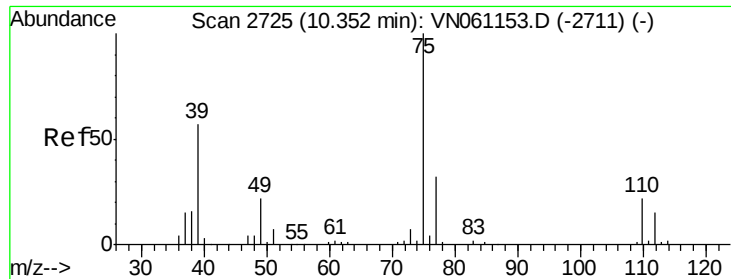
Tot Ion: 43 Resp: 567282
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.1 43.7



#52
 Toluene
 Concen: 52.350 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

Tgt Ion: 92 Resp: 179388
 Ion Ratio Lower Upper
 92 100
 91 171.9 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 54.056 ug/l

RT: 10.35 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

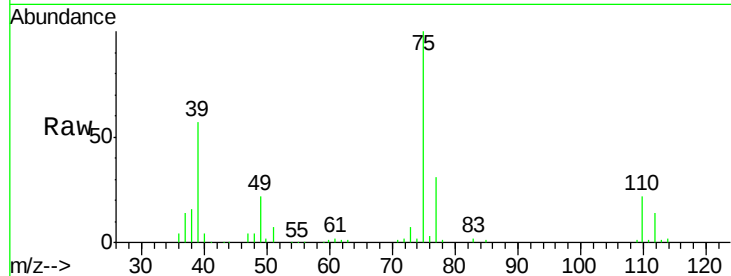
ClientSampleId :

Tot Ion: 75 Resp: 123031

Ion Ratio Lower Upper

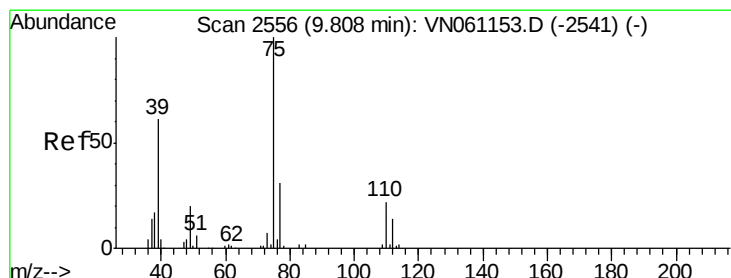
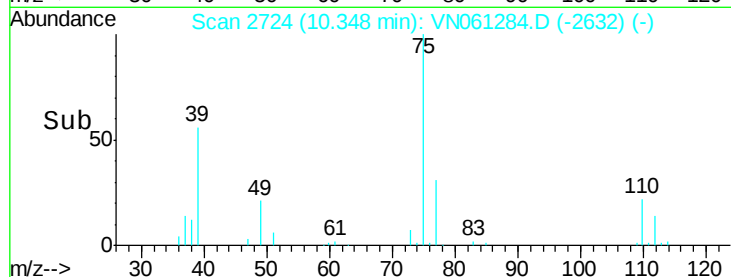
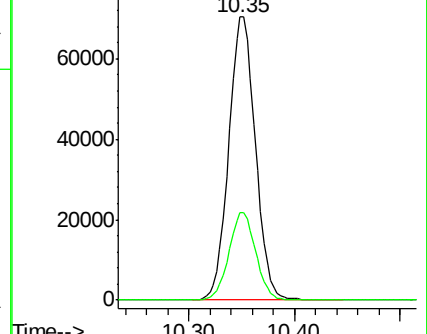
75 100

77 30.9 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.237 ug/l

RT: 9.81 min Scan# 2555

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

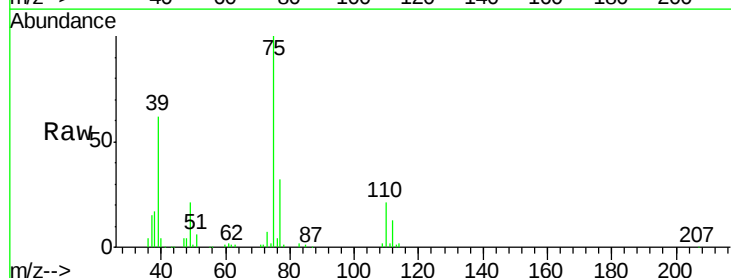
Tgt Ion: 75 Resp: 128098

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4

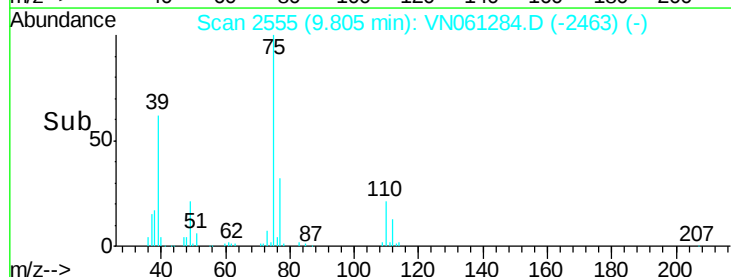
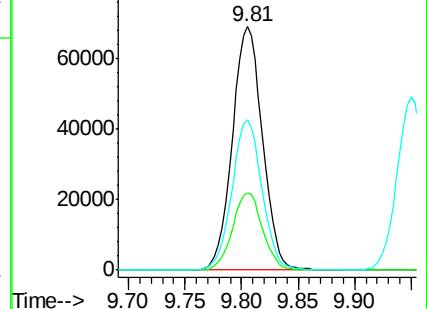
39 61.5 48.7 73.1

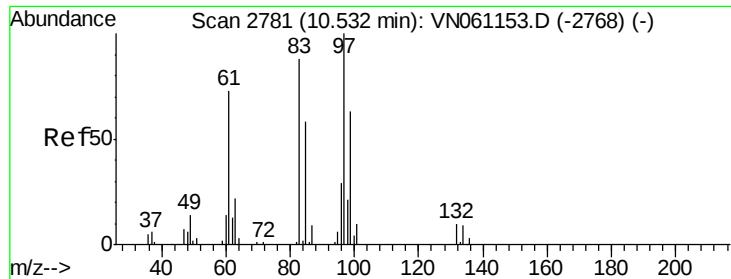


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



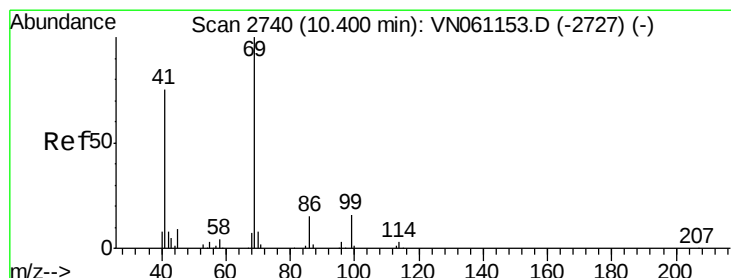
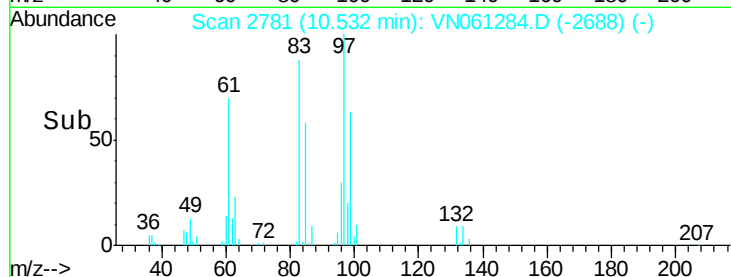
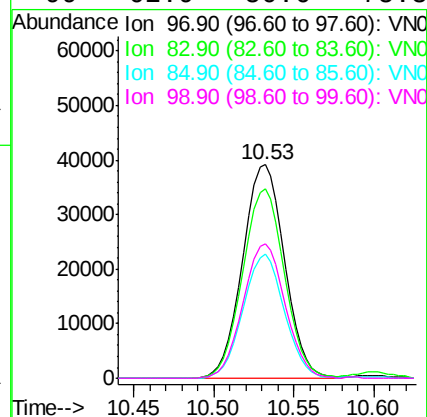
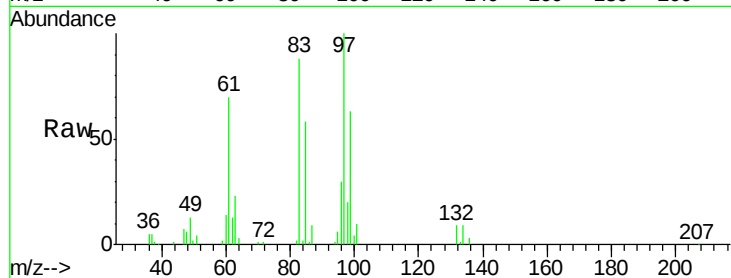


#55
 1,1,2-Trichloroethane
 Concen: 51.269 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 70074

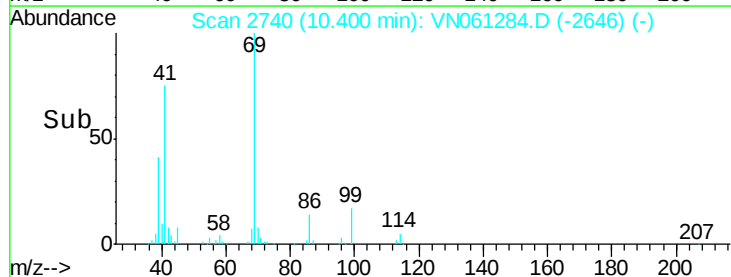
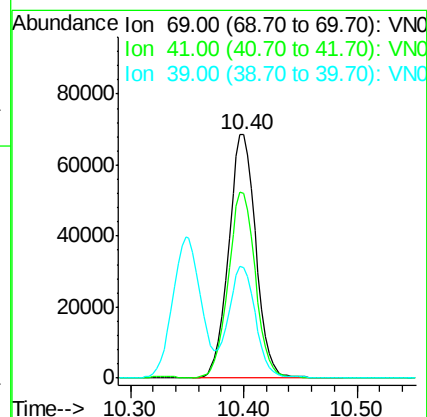
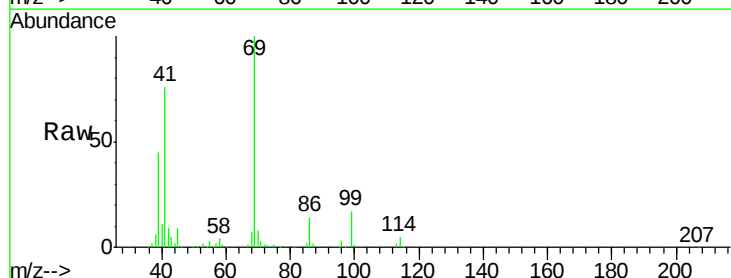
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.6	106.0
85	58.0	46.4	69.6
99	62.9	50.6	75.8

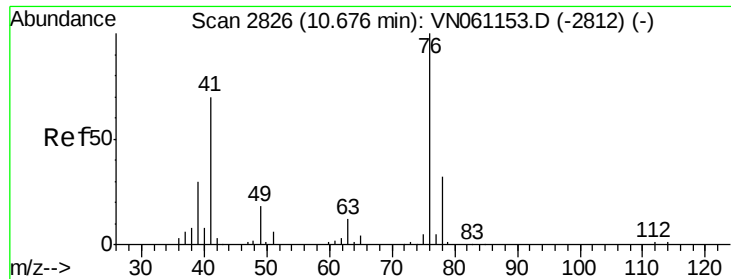


#56
 Ethyl methacrylate
 Concen: 48.290 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

Tgt Ion: 69 Resp: 114781

Ion	Ratio	Lower	Upper
69	100		
41	75.6	60.3	90.5
39	46.0	35.9	53.9

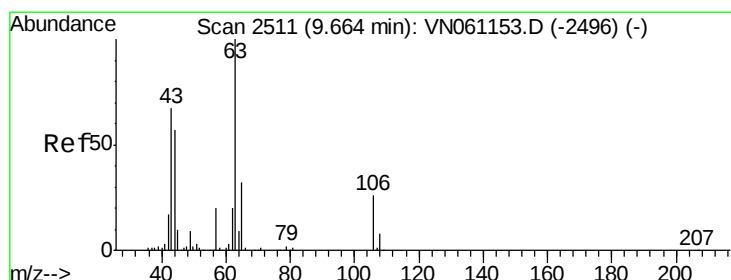
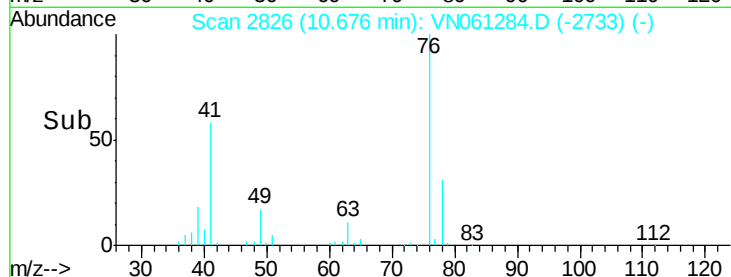
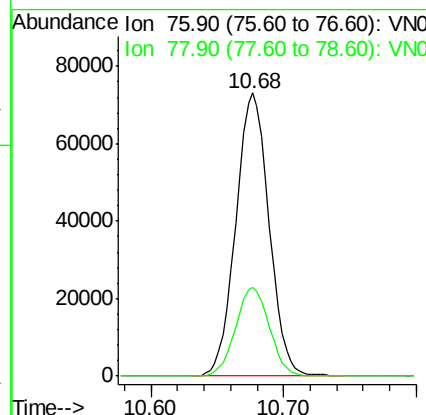
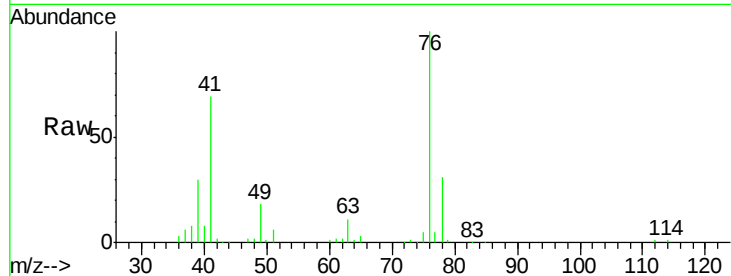




#57
 1,3-Dichloropropane
 Concen: 52.905 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

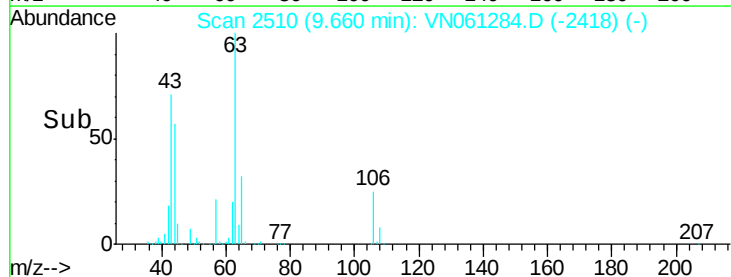
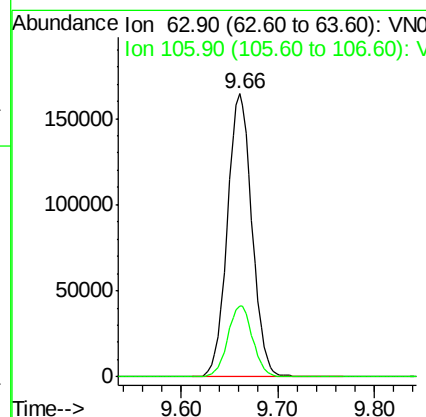
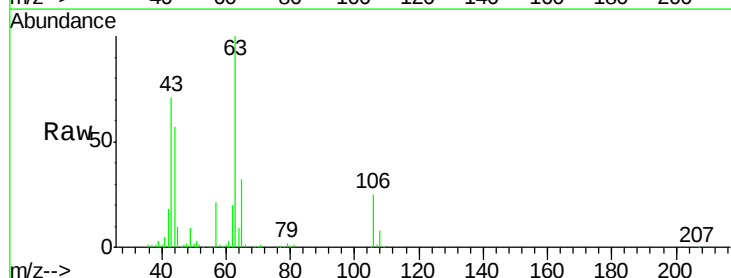
Instrument :
 MSVOA_N
 ClientSampled :

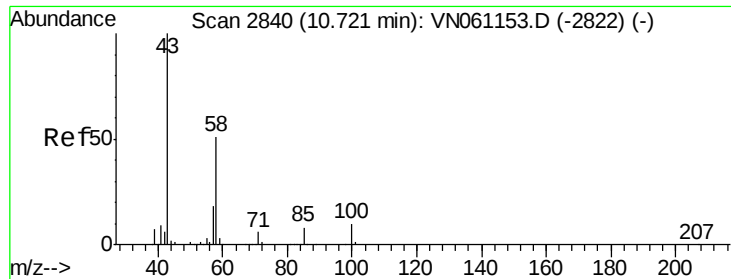
Tot Ion: 76 Resp: 127105
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.673 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

Tgt Ion: 63 Resp: 290609
 Ion Ratio Lower Upper
 63 100
 106 25.4 20.6 30.8

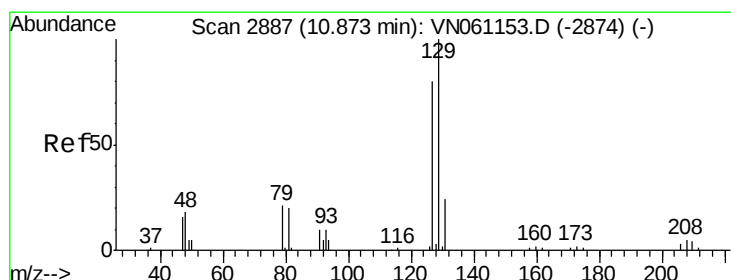
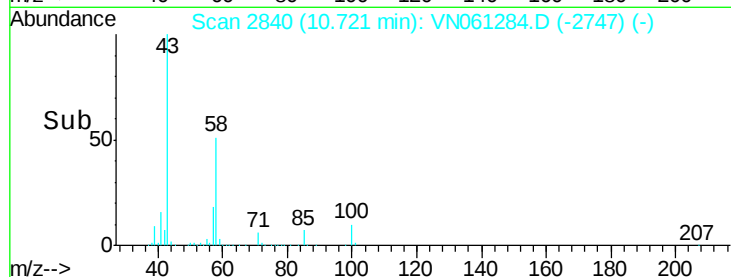
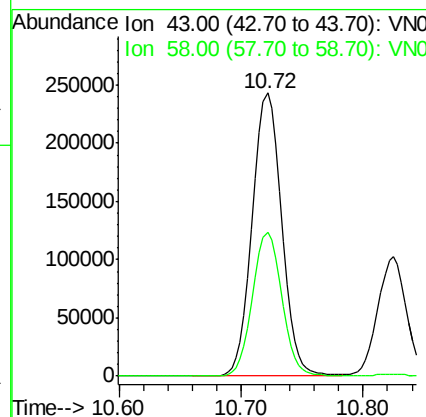
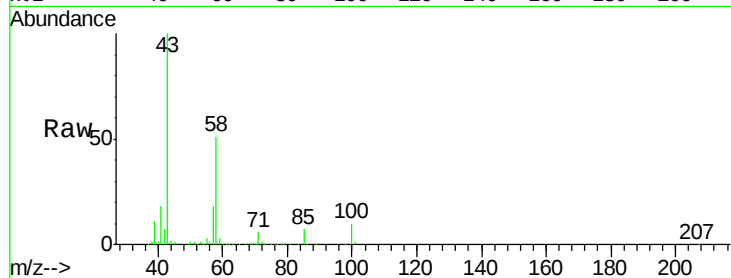




#59
2-Hexanone
Concen: 254.288 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

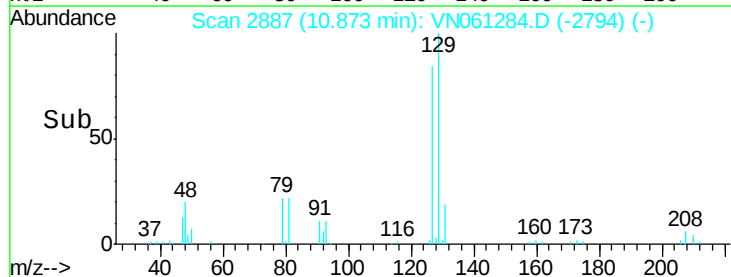
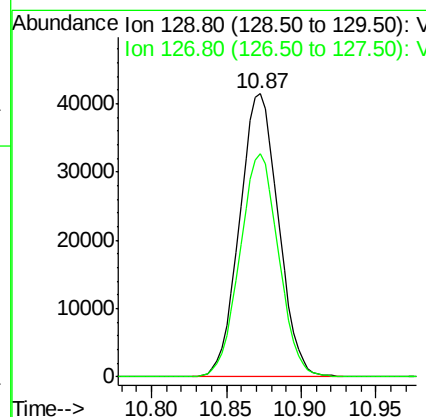
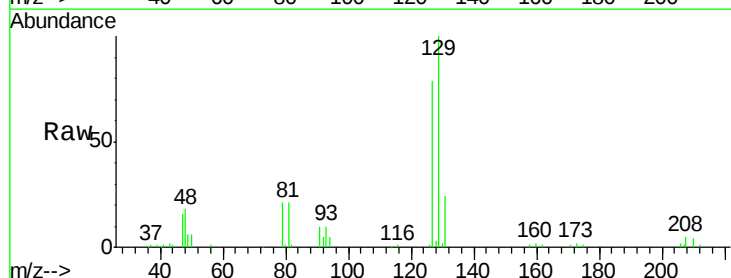
Instrument :
MSVOA_N
ClientSampled :

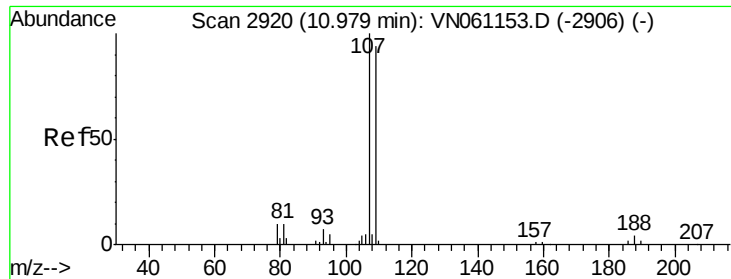
Tot Ion: 43 Resp: 404569
Ion Ratio Lower Upper
43 100
58 50.7 25.4 76.4



#60
Dibromochloromethane
Concen: 52.522 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion: 129 Resp: 75186
Ion Ratio Lower Upper
129 100
127 78.3 39.3 117.8





#61

1,2-Dibromoethane

Concen: 52.196 ug/l

RT: 10.98 min Scan# 2919

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

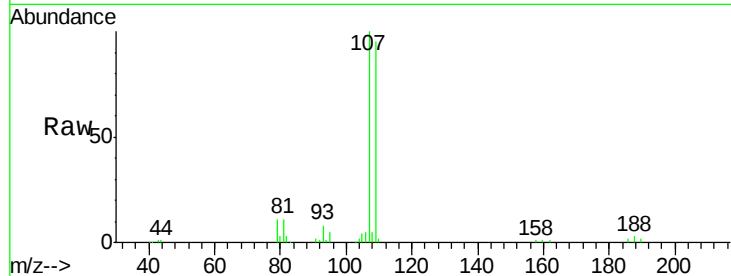
ClientSampleId :

Tot Ion:107 Resp: 71506

Ion Ratio Lower Upper

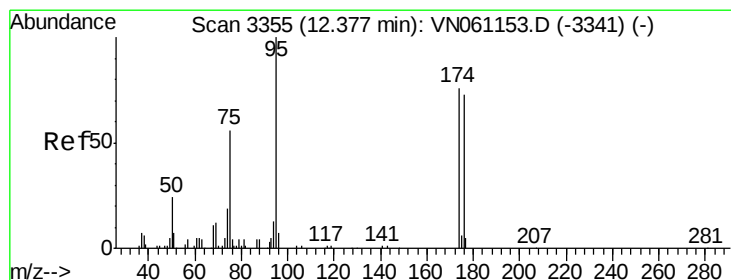
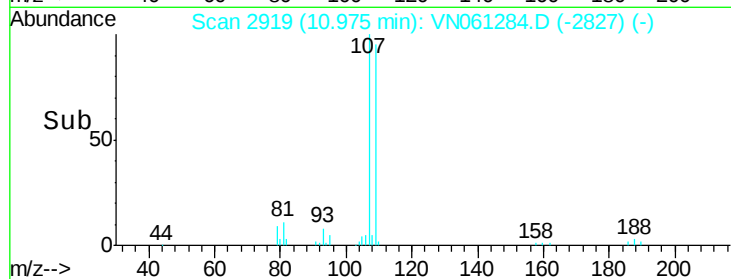
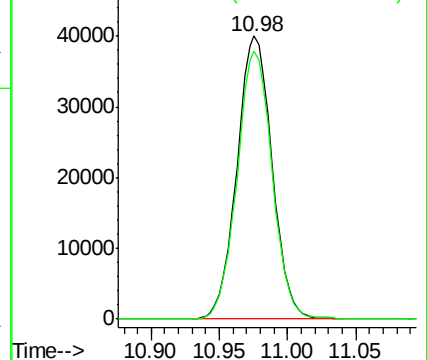
107 100

109 94.3 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.950 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

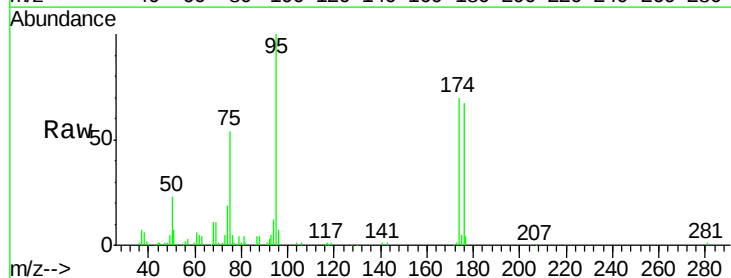
Tgt Ion: 95 Resp: 98546

Ion Ratio Lower Upper

95 100

174 71.0 0.0 149.4

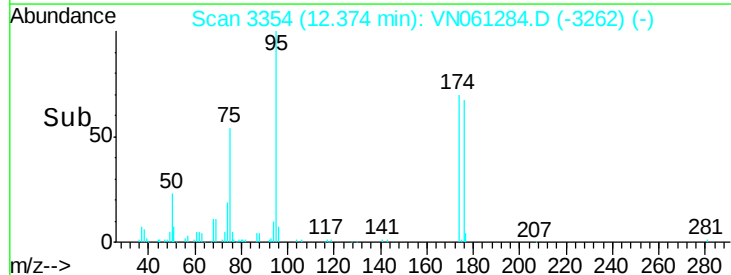
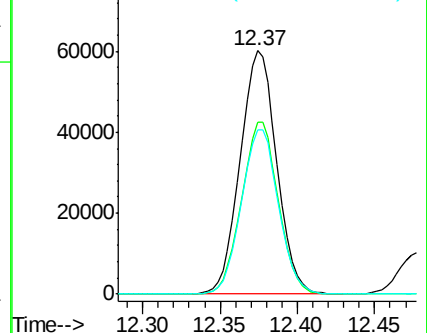
176 68.5 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

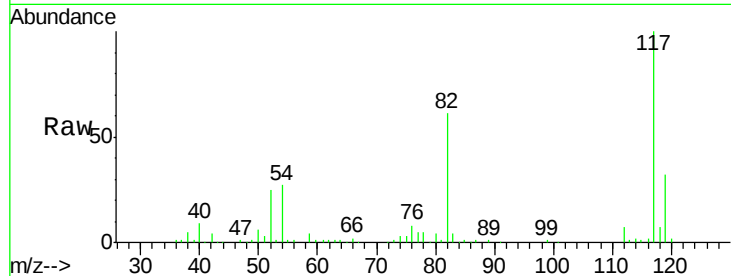




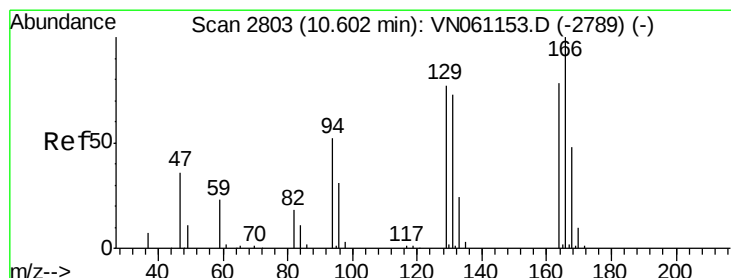
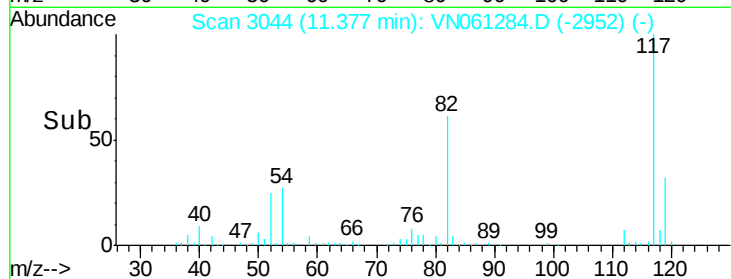
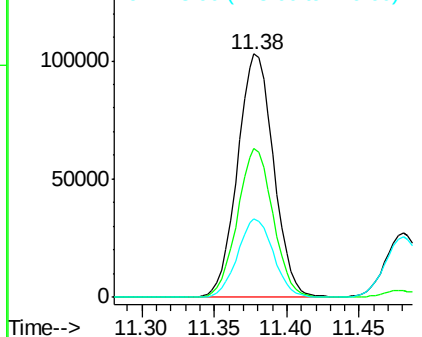
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3044
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 178009
Ion Ratio Lower Upper
117 100
82 61.4 47.8 71.8
119 32.2 25.8 38.6

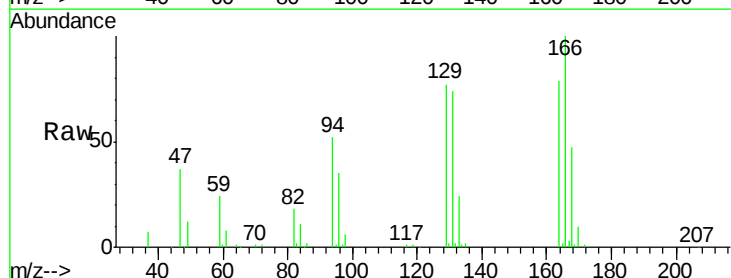


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

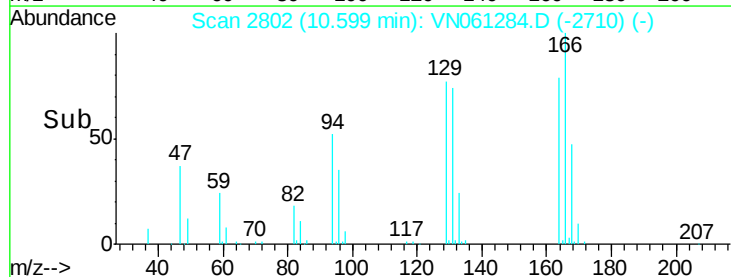
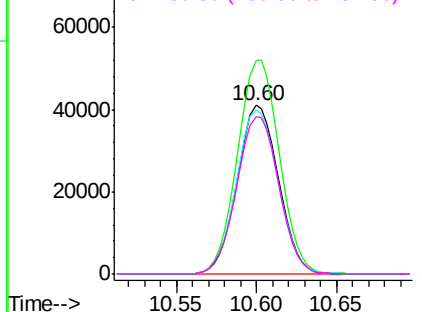


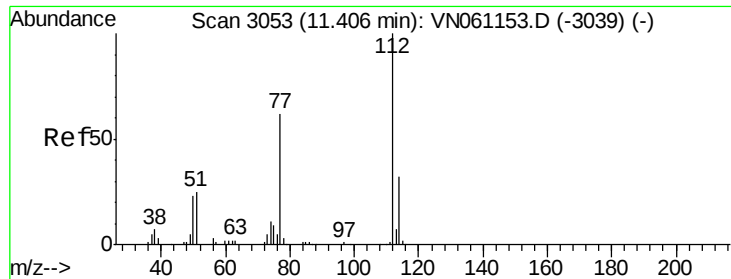
#64
Tetrachloroethene
Concen: 46.910 ug/l
RT: 10.60 min Scan# 2802
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion:164 Resp: 72323
Ion Ratio Lower Upper
164 100
166 126.5 102.0 153.0
129 97.3 78.2 117.2
131 93.4 74.5 111.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

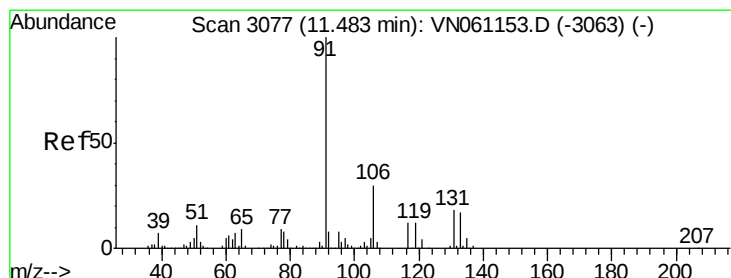
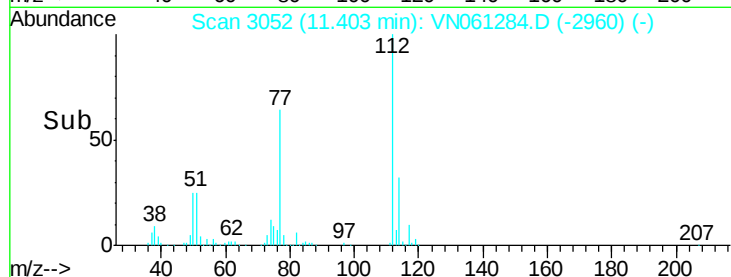
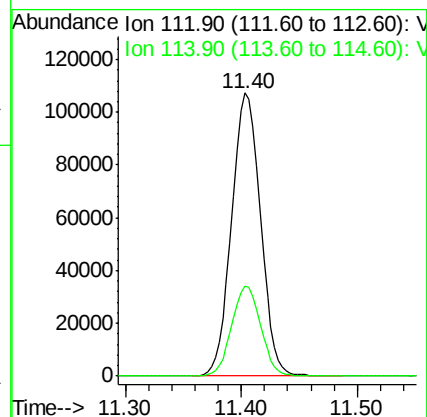
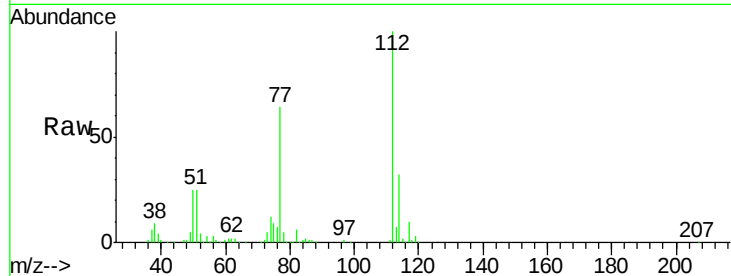




#65
Chlorobenzene
Concen: 52.342 ug/l
RT: 11.40 min Scan# 3052
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

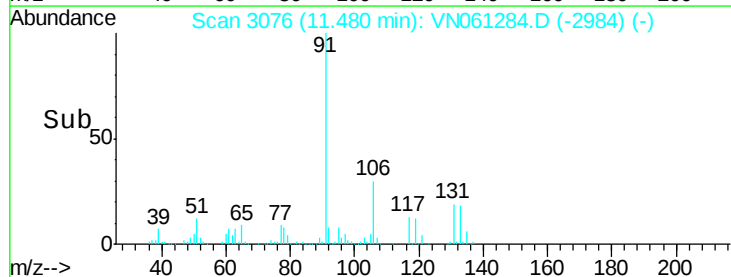
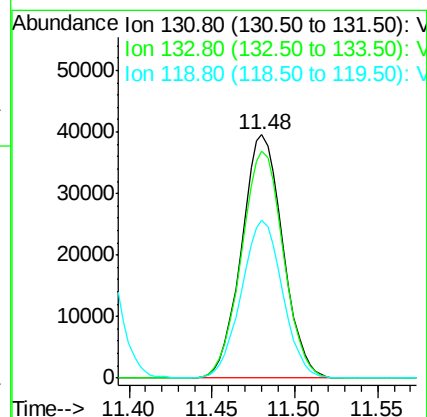
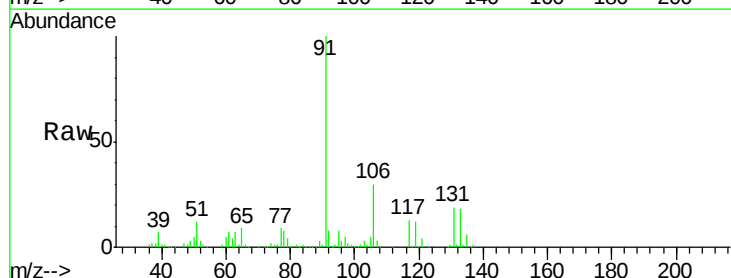
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:112 Resp: 184826
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.072 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion:131 Resp: 68337
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.2
119 64.7 32.6 97.8





#67

Ethyl Benzene

Concen: 53.386 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

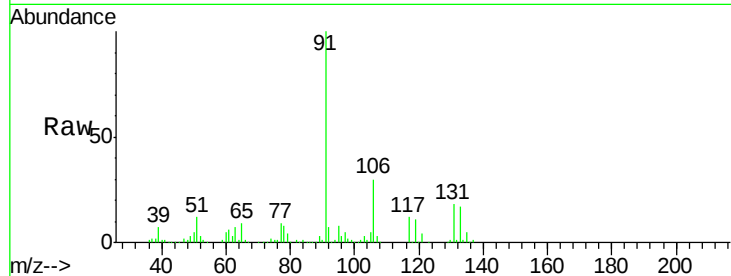
ClientSampled :

Tot Ion: 91 Resp: 352892

Ion Ratio Lower Upper

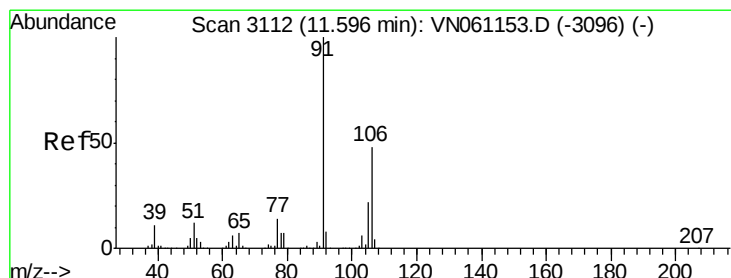
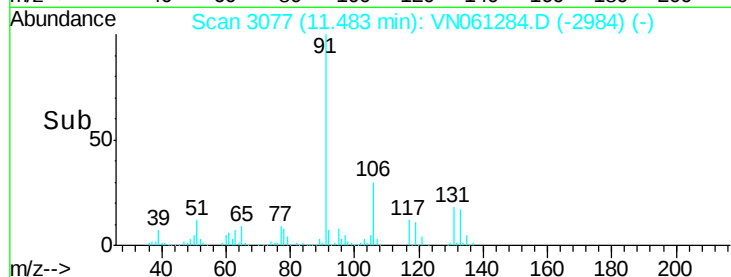
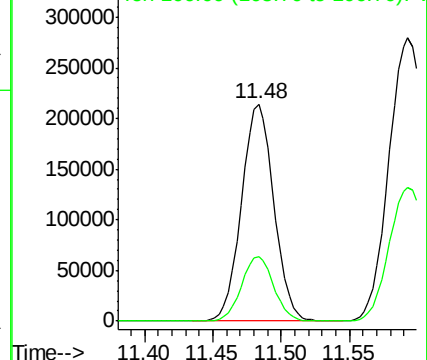
91 100

106 29.8 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 106.138 ug/l

RT: 11.59 min Scan# 3111

Delta R.T. -0.00 min

Lab File: VN061284.D

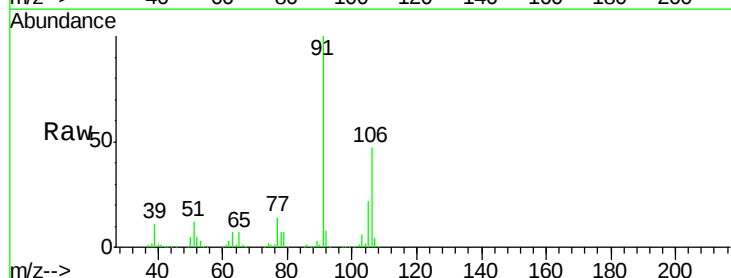
Acq: 5 May 2020 11:43

Tgt Ion:106 Resp: 256804

Ion Ratio Lower Upper

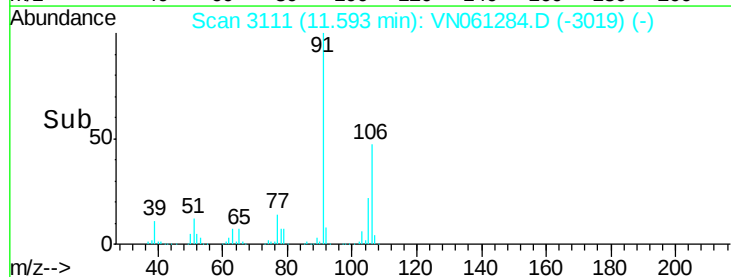
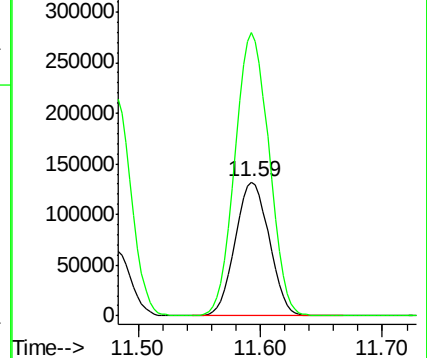
106 100

91 210.9 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

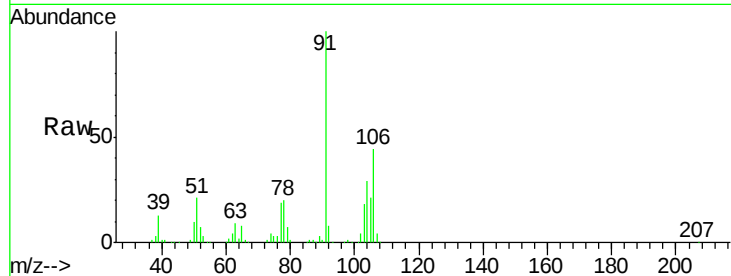




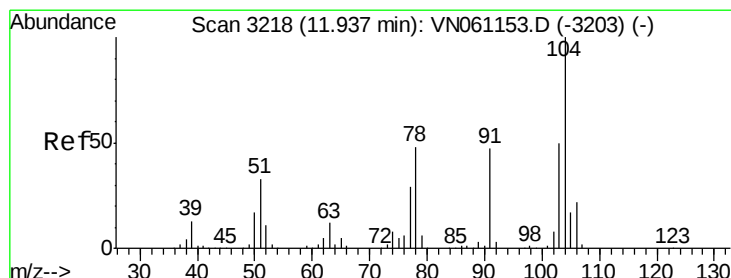
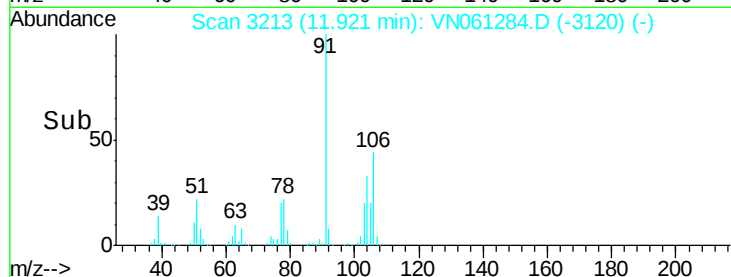
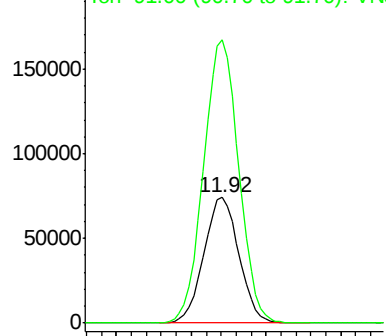
#69
o-Xylene
Concen: 52.097 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 121079
Ion Ratio Lower Upper
106 100
91 226.1 109.7 329.0

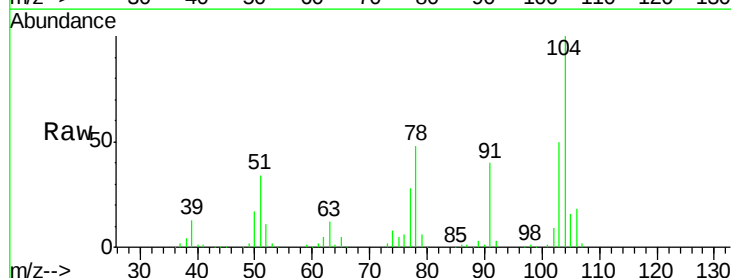


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

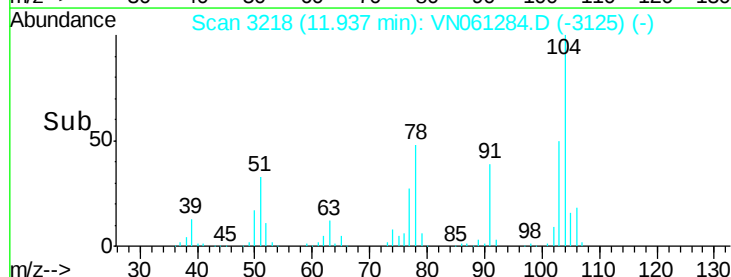
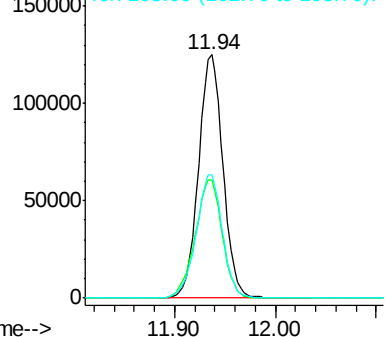


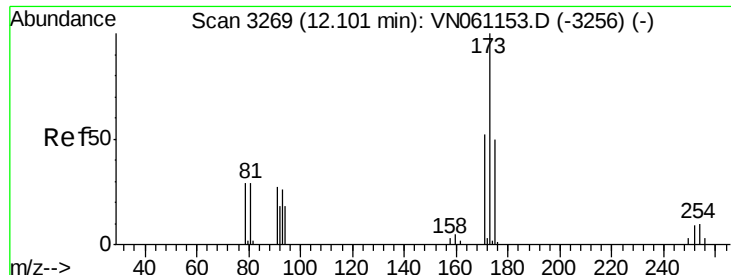
#70
Styrene
Concen: 54.397 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion:104 Resp: 211596
Ion Ratio Lower Upper
104 100
78 53.7 42.1 63.1
103 54.1 43.3 64.9



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: 54.377 ug/l

RT: 12.10 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

ClientSampled :

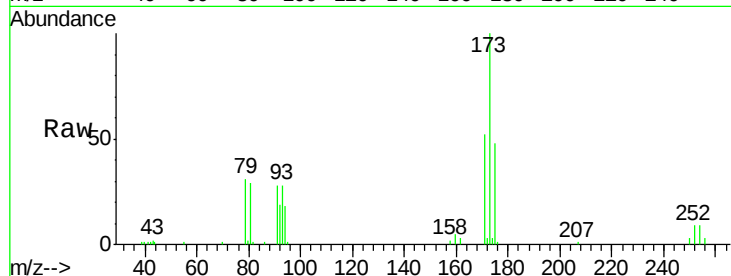
Tot Ion:173 Resp: 50507

Ion Ratio Lower Upper

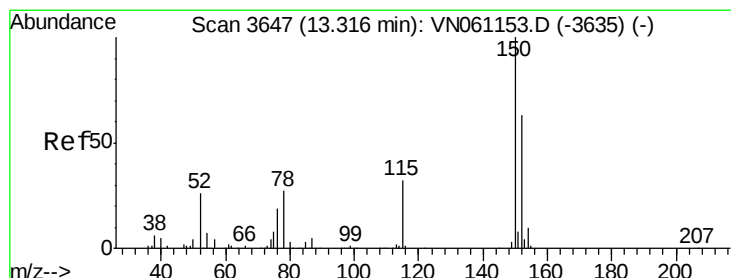
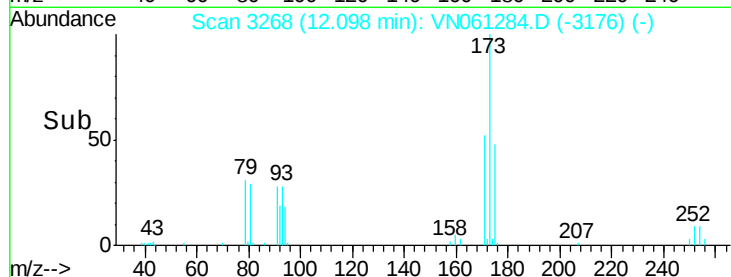
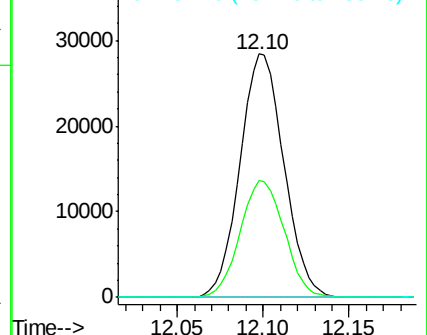
173 100

175 48.2 24.1 72.4

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# 3647

Delta R.T. 0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

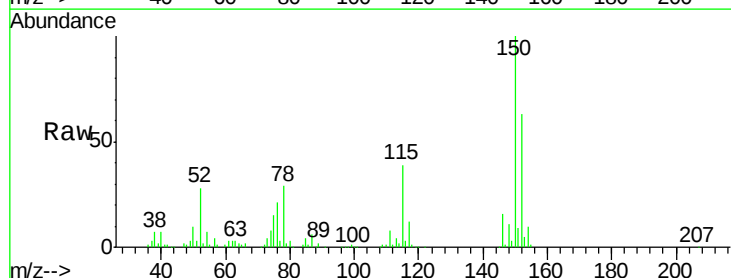
Tgt Ion:152 Resp: 86257

Ion Ratio Lower Upper

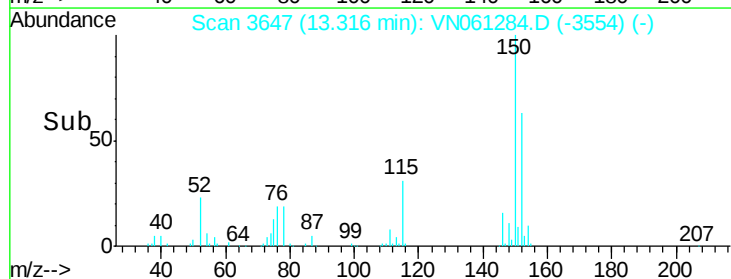
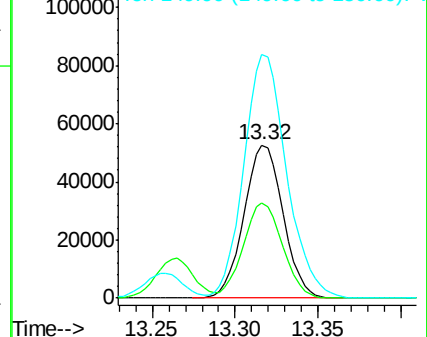
152 100

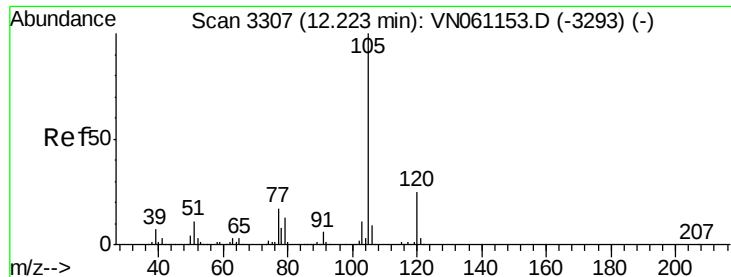
115 62.5 31.0 93.0

150 174.3 0.0 351.8



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





#73

Isopropylbenzene

Concen: 52.537 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

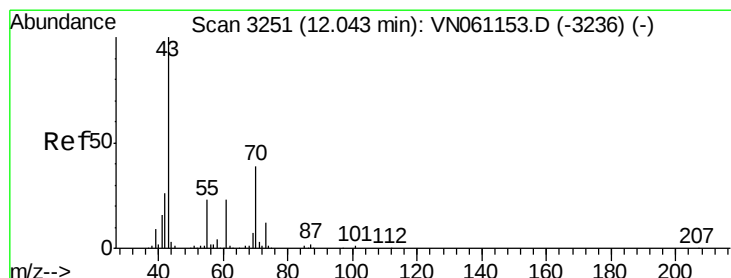
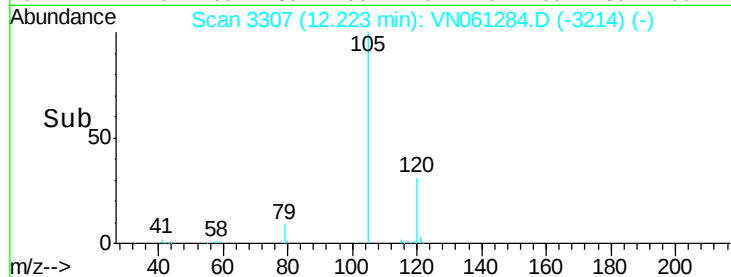
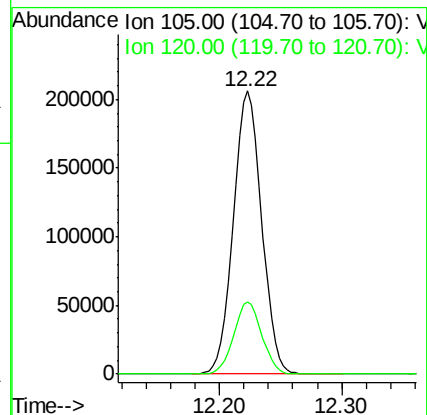
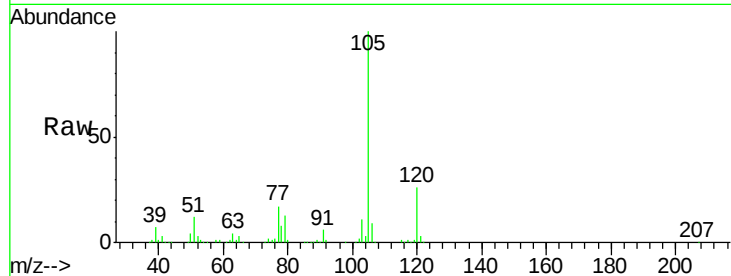
ClientSampleId :

Tot Ion:105 Resp: 333147

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 53.459 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Tgt Ion: 43 Resp: 171658

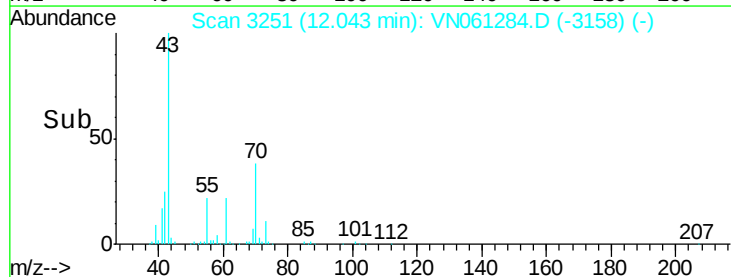
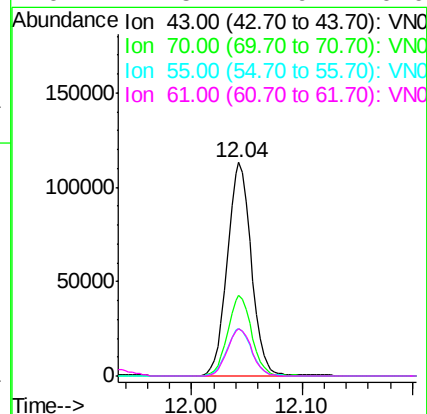
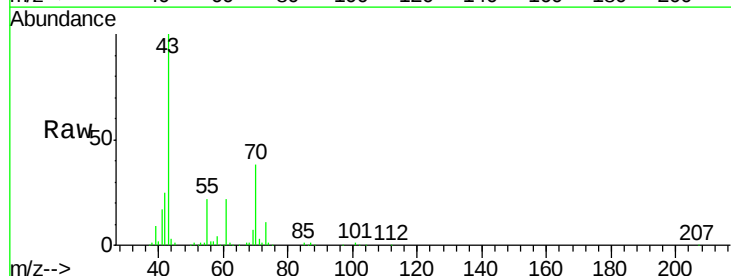
Ion Ratio Lower Upper

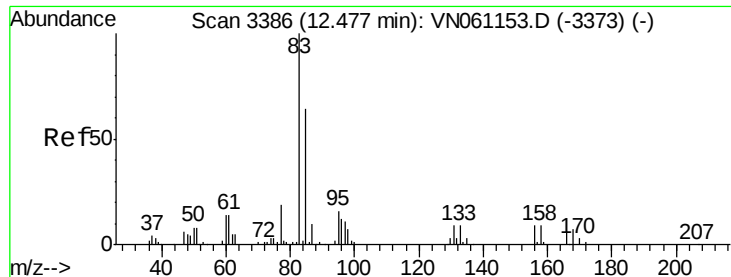
43 100

70 37.5 30.6 46.0

55 22.9 18.5 27.7

61 22.5 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.175 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

ClientSampled :

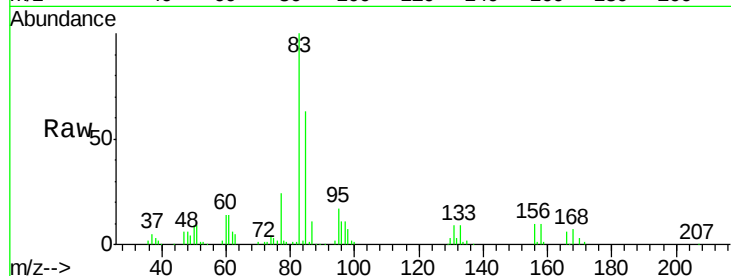
Tot Ion: 83 Resp: 101186

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

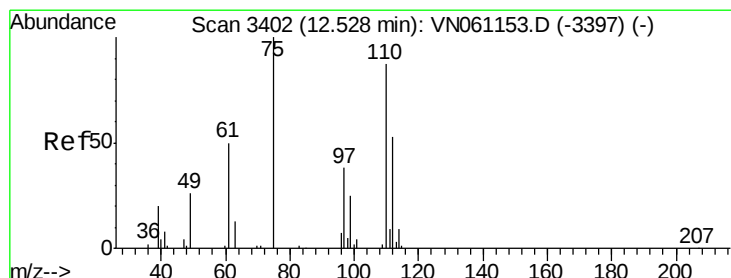
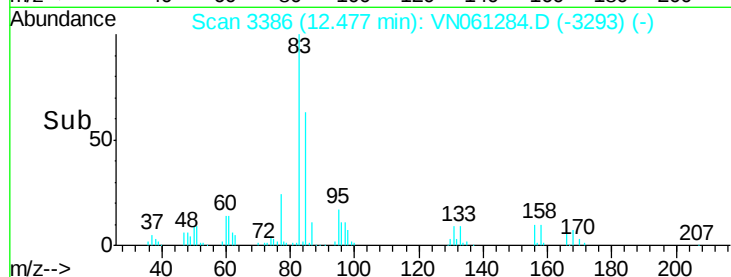
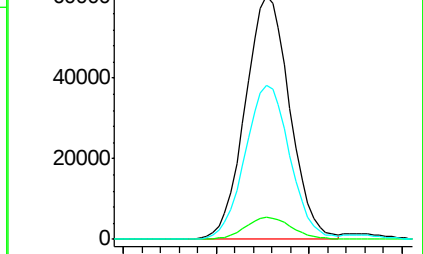
85 63.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061284.D (-3293) (-)

Ion 130.80 (130.50 to 131.50): VN061284.D (-3293) (-)

Ion 84.90 (84.60 to 85.60): VN061284.D (-3293) (-)



#76

1,2,3-Trichloropropane

Concen: 78.179 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061284.D

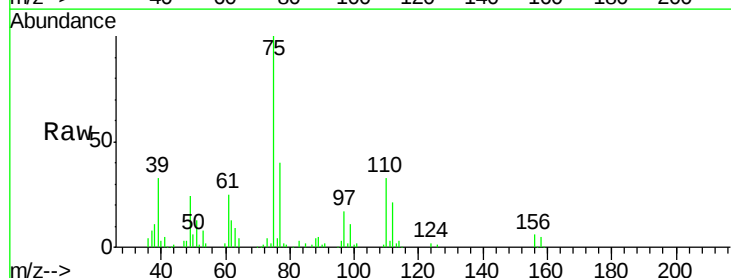
Acq: 5 May 2020 11:43

Tgt Ion: 75 Resp: 142171

Ion Ratio Lower Upper

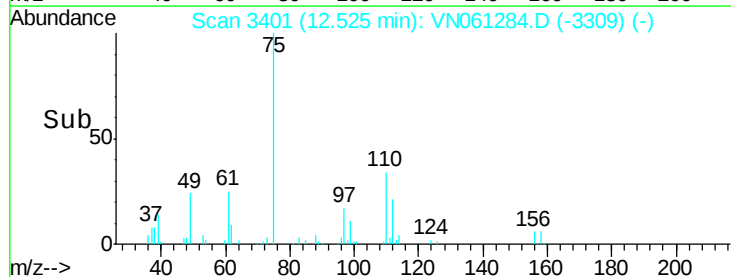
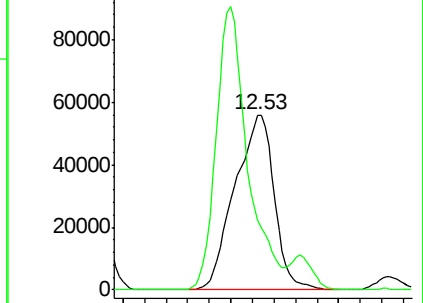
75 100

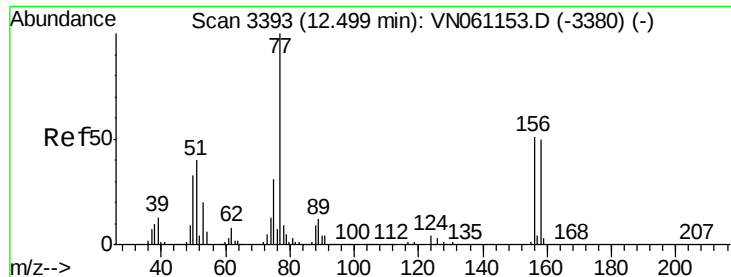
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061284.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN061284.D (-3309) (-)





#77

Bromobenzene

Concen: 51.971 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

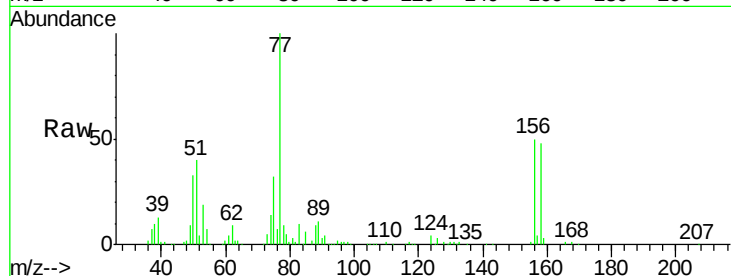
Tot Ion:156 Resp: 76076

Ion Ratio Lower Upper

156 100

77 241.7 117.4 352.2

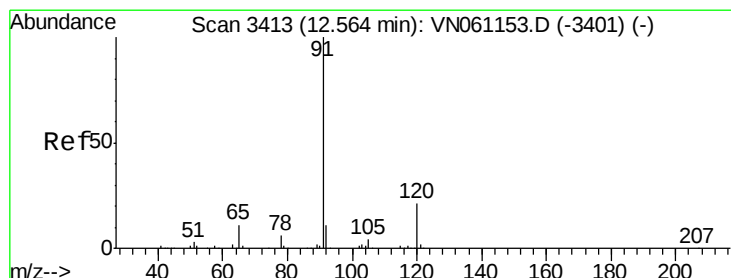
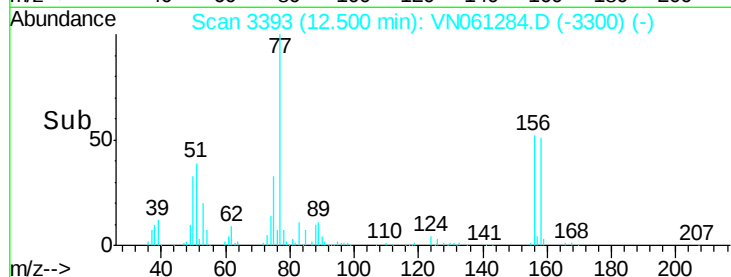
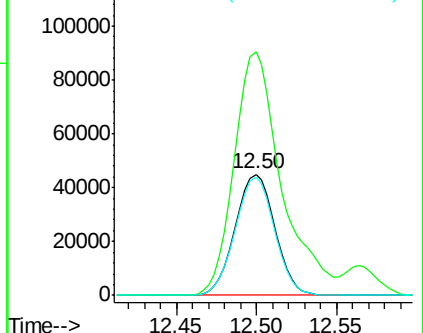
158 96.8 48.4 145.0



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: 53.381 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061284.D

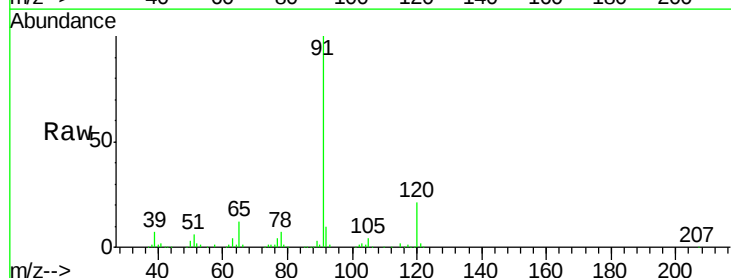
Acq: 5 May 2020 11:43

Tgt Ion: 91 Resp: 401496

Ion Ratio Lower Upper

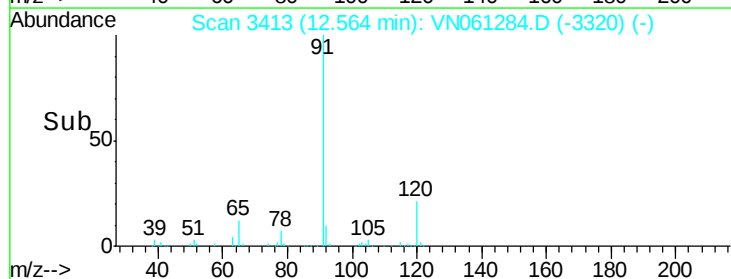
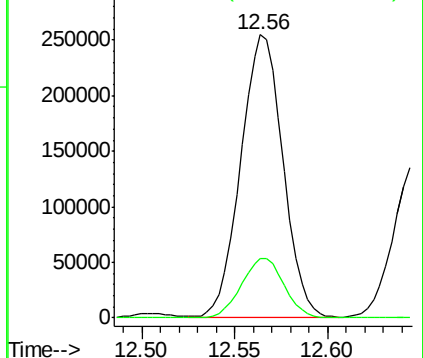
91 100

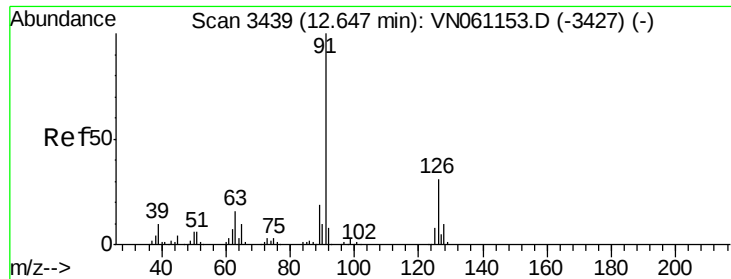
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

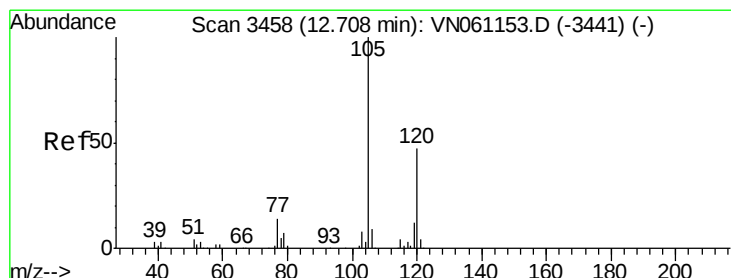
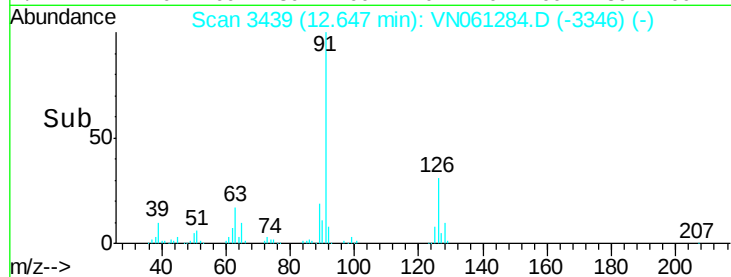
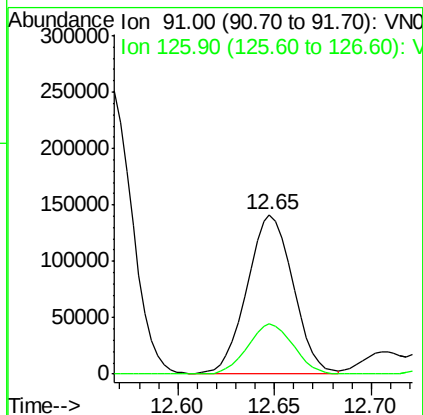
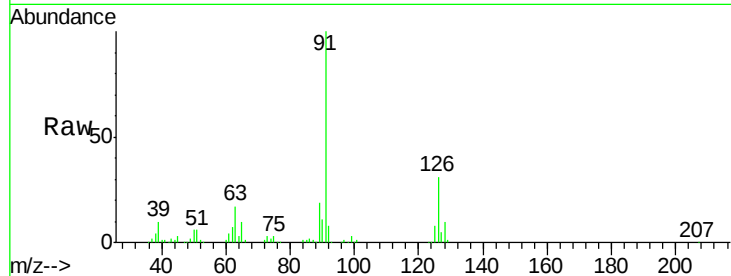




#79
 2-Chlorotoluene
 Concen: 52.573 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

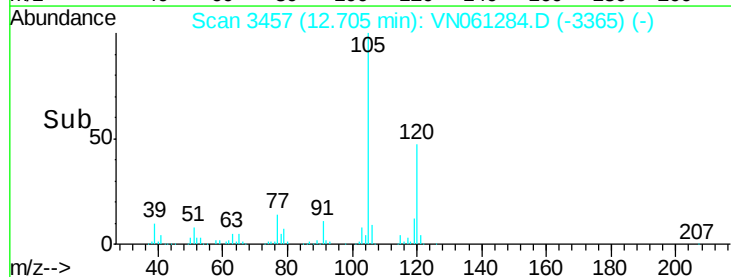
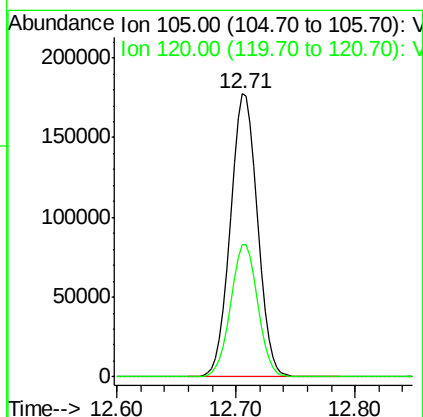
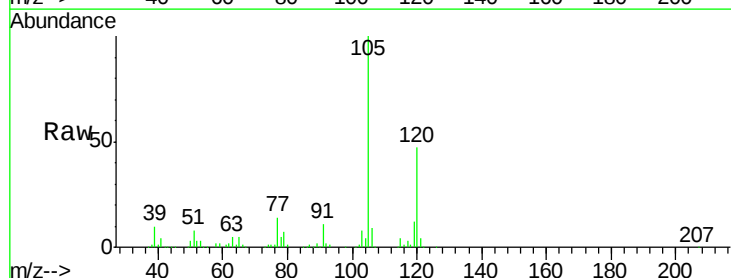
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 232417
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 53.422 ug/l
 RT: 12.71 min Scan# 3457
 Delta R.T. -0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

Tgt Ion: 105 Resp: 280375
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 52.854 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

ClientSampled :

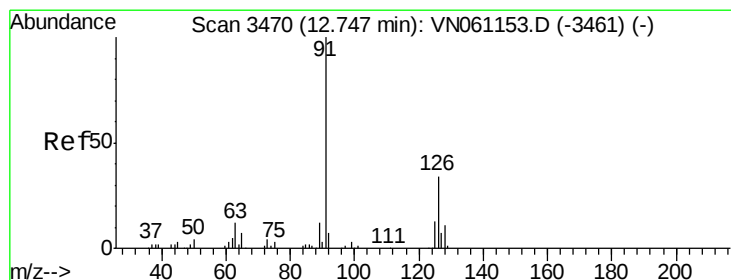
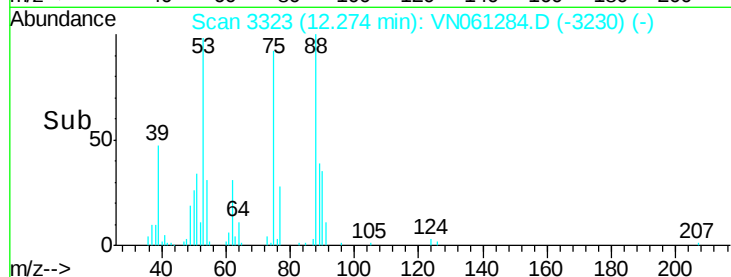
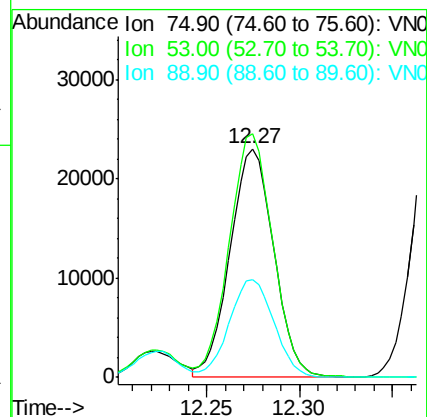
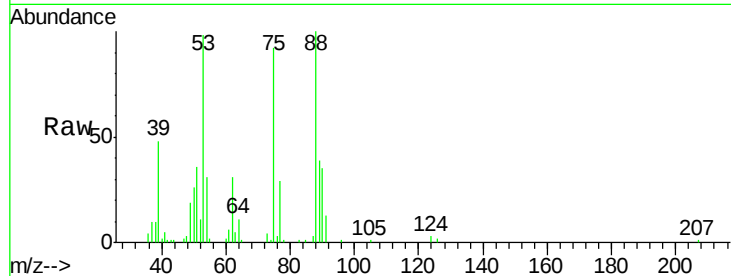
Tot Ion: 75 Resp: 37849

Ion Ratio Lower Upper

75 100

53 105.9 84.1 126.1

89 43.8 35.2 52.8



#82

4-Chlorotoluene

Concen: 53.515 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061284.D

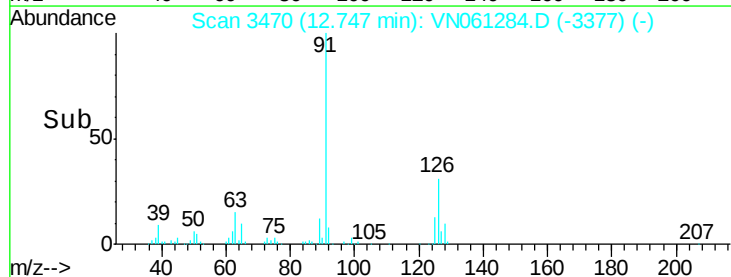
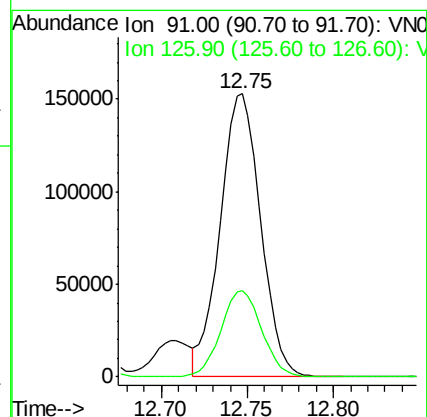
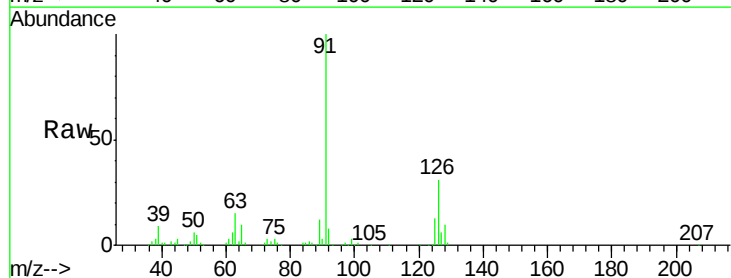
Acq: 5 May 2020 11:43

Tgt Ion: 91 Resp: 249350

Ion Ratio Lower Upper

91 100

126 30.7 15.7 47.1

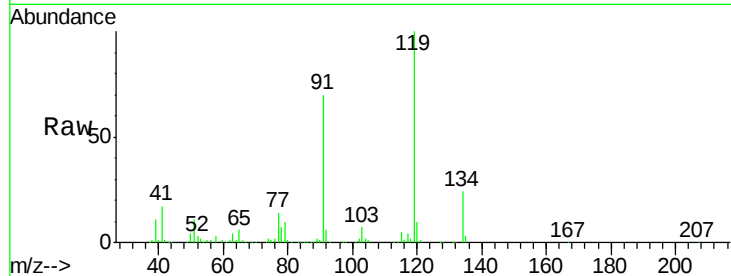




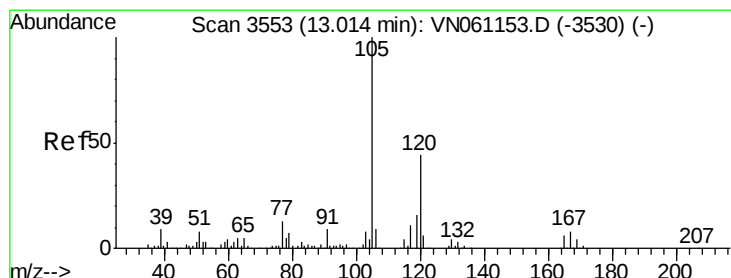
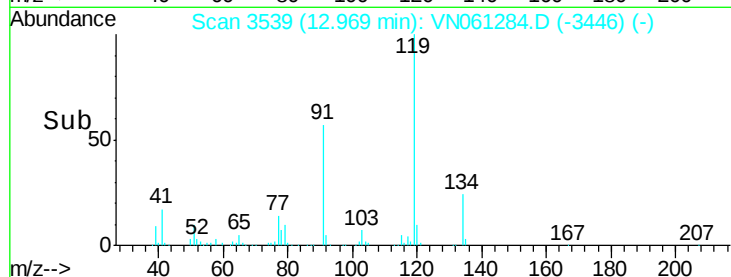
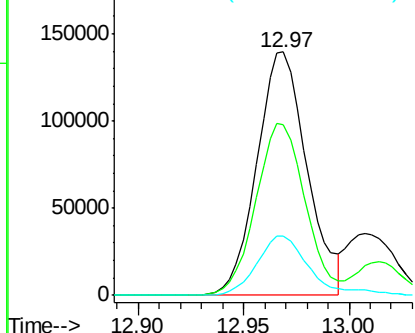
#83
 tert-Butylbenzene
 Concen: 52.247 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 231215
 Ion Ratio Lower Upper
 119 100
 91 69.2 34.8 104.4
 134 25.7 12.9 38.7

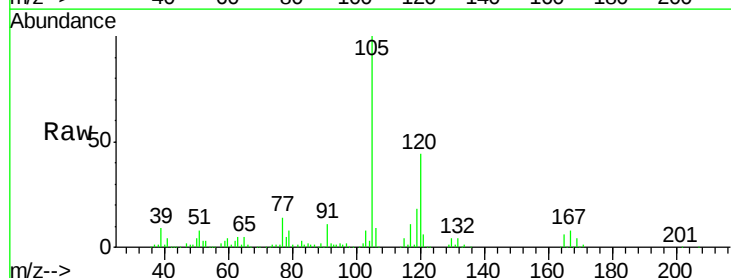


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

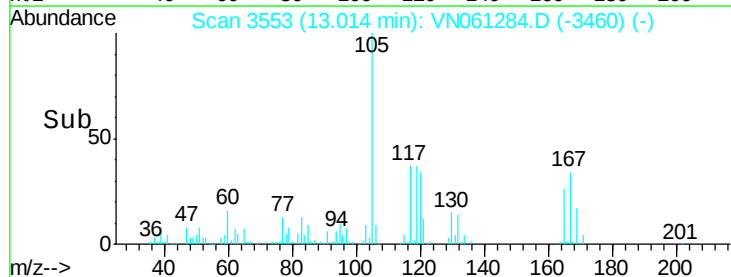
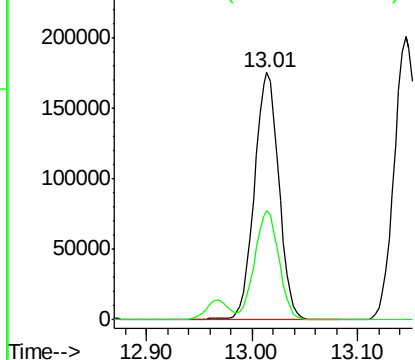


#84
 1,2,4-Trimethylbenzene
 Concen: 52.693 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

Tgt Ion:105 Resp: 284921
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.173 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

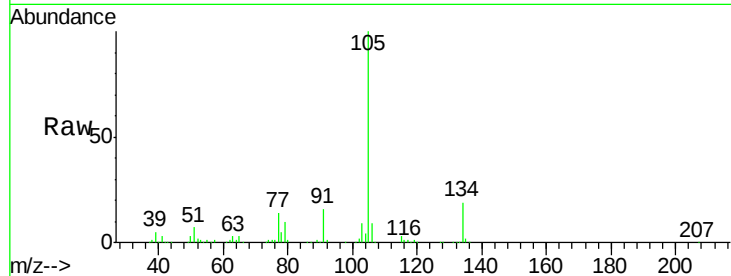
ClientSampled :

Tot Ion:105 Resp: 314789

Ion Ratio Lower Upper

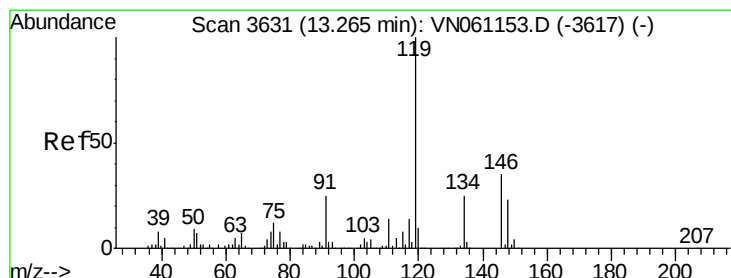
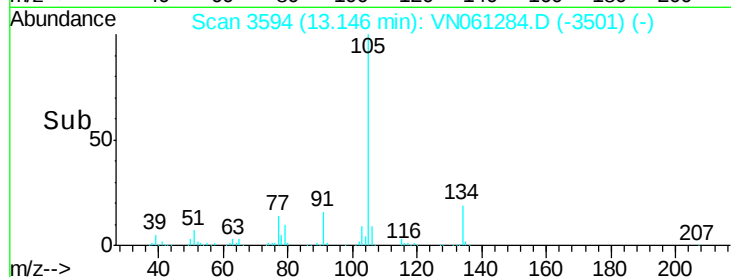
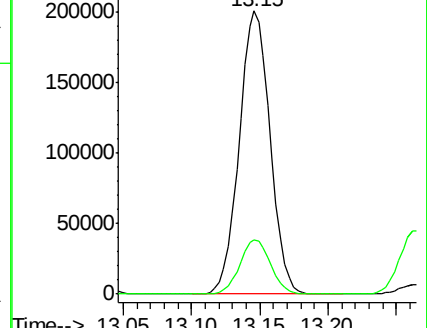
105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.362 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

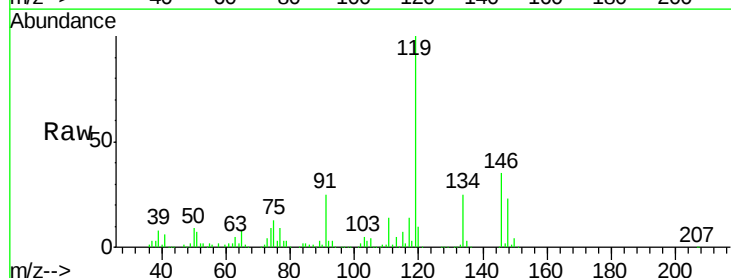
Tgt Ion:119 Resp: 284648

Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.6

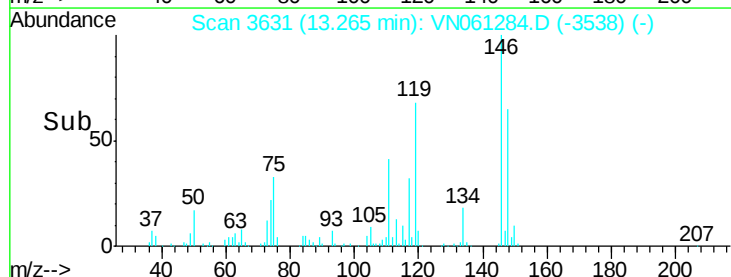
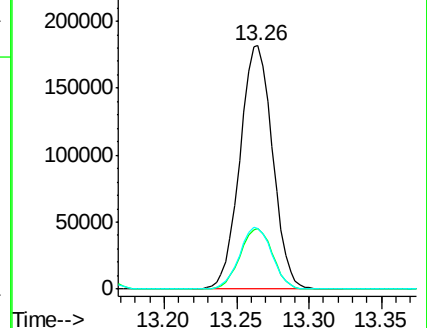
91 25.4 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

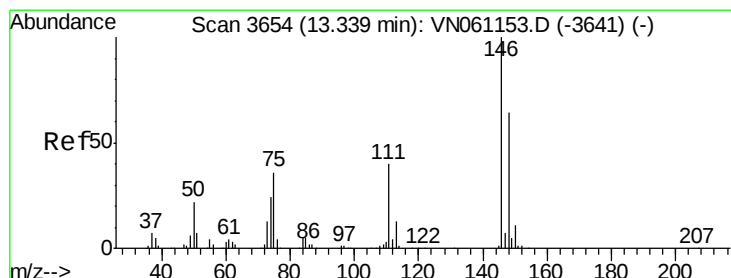
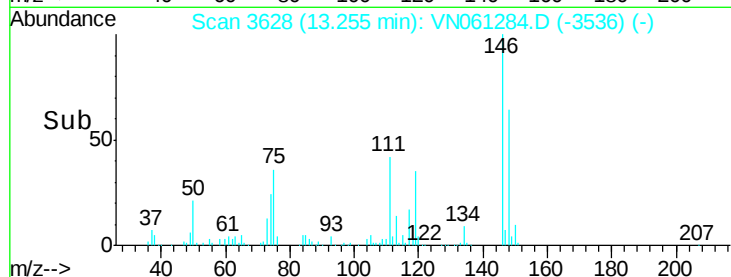
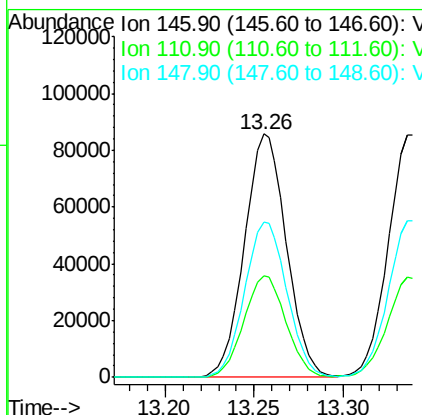
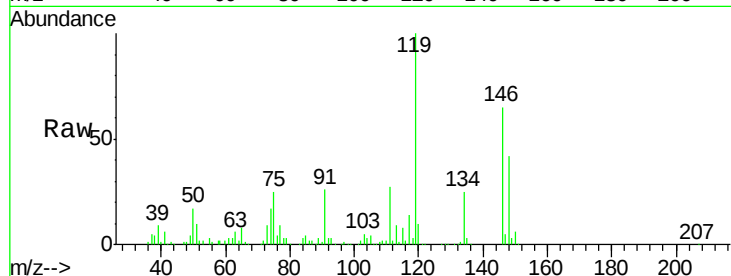




#87
 1,3-Dichlorobenzene
 Concen: 52.426 ug/l
 RT: 13.26 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

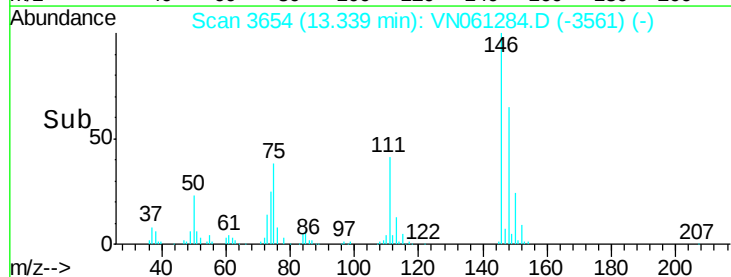
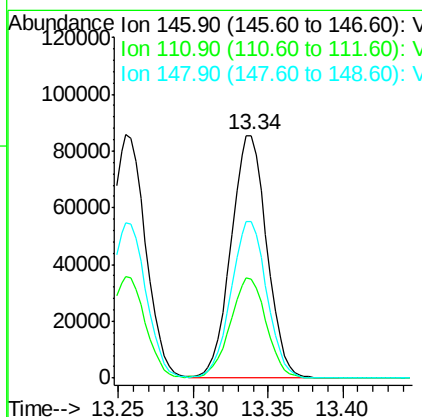
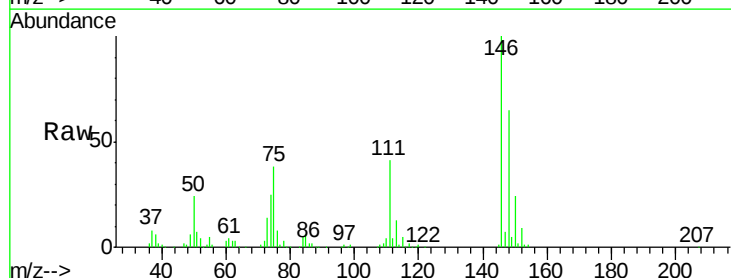
Instrument :
 MSVOA_N
 ClientSampleId :

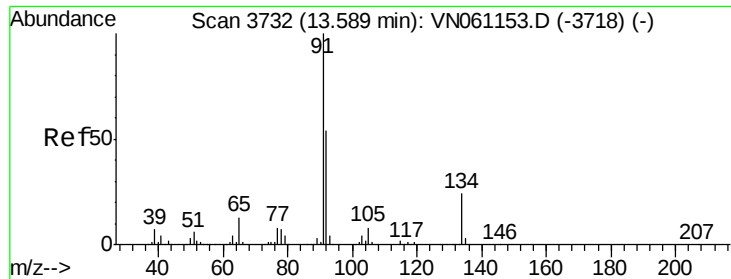
Tot Ion:146 Resp: 141277
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.7 62.1
 148 64.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.748 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

Tgt Ion:146 Resp: 142481
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.4 61.3
 148 64.6 31.9 95.7

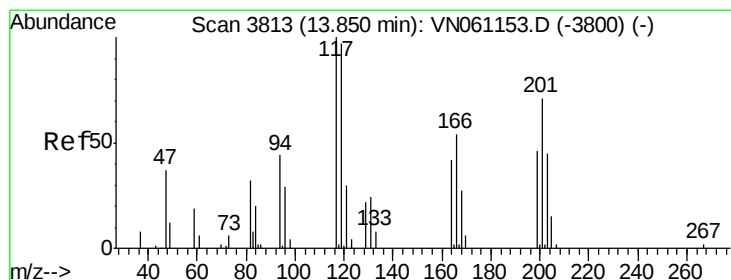
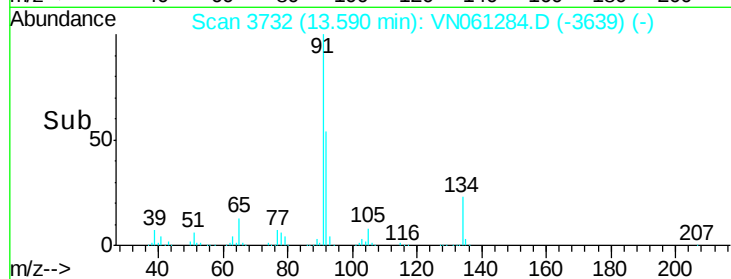
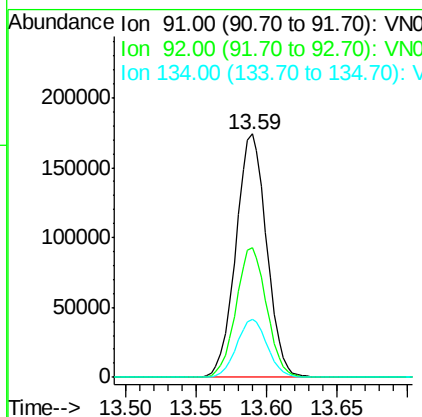
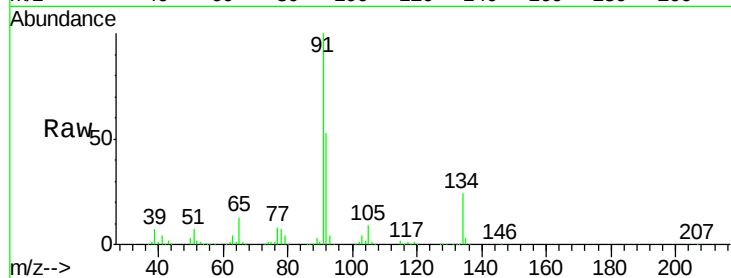




#89
n-Butylbenzene
Concen: 53.507 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

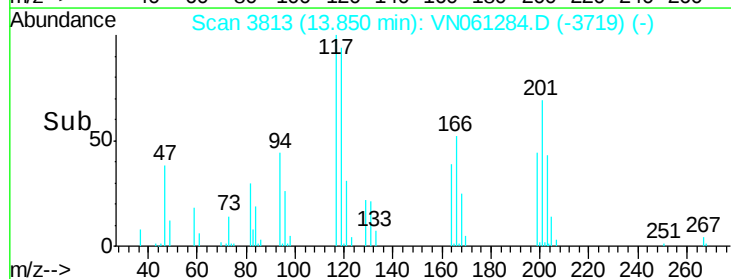
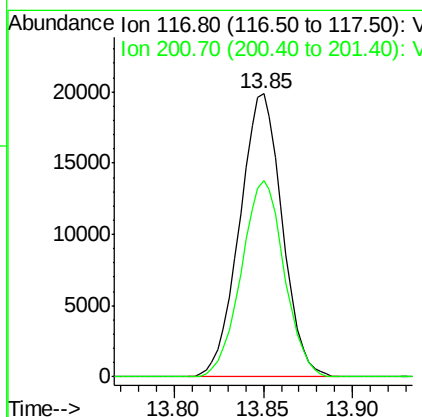
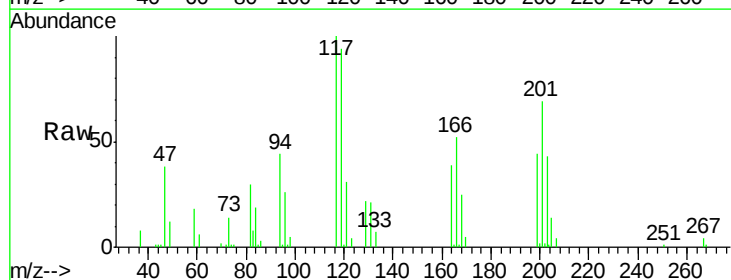
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 266655
Ion Ratio Lower Upper
91 100
92 53.1 26.8 80.3
134 23.6 11.9 35.5



#90
Hexachloroethane
Concen: 57.040 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion: 117 Resp: 33061
Ion Ratio Lower Upper
117 100
201 69.7 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 51.811 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

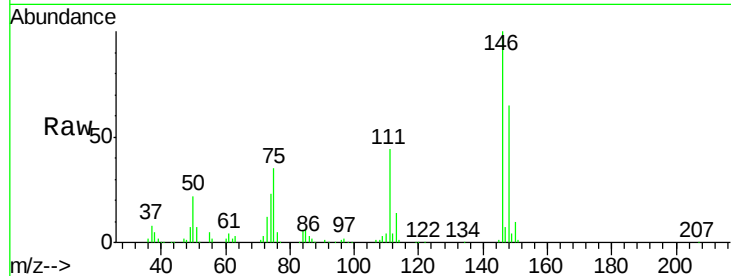
Tot Ion:146 Resp: 133873

Ion Ratio Lower Upper

146 100

111 44.1 21.8 65.3

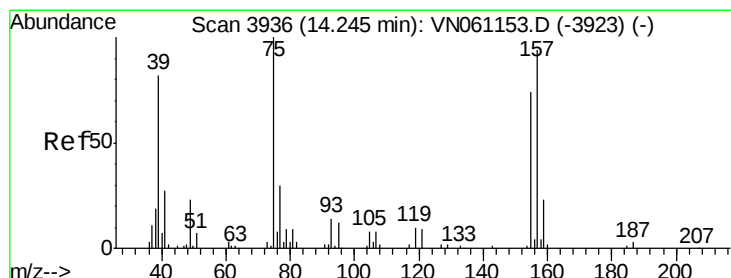
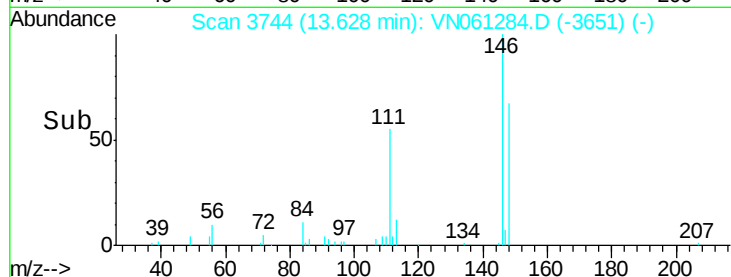
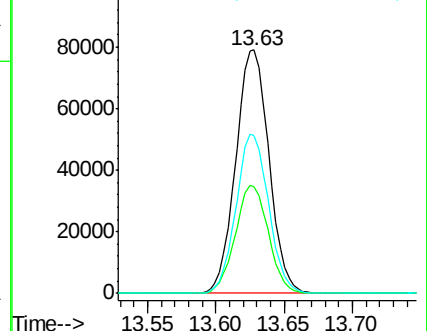
148 64.1 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.474 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061284.D

Acq: 5 May 2020 11:43

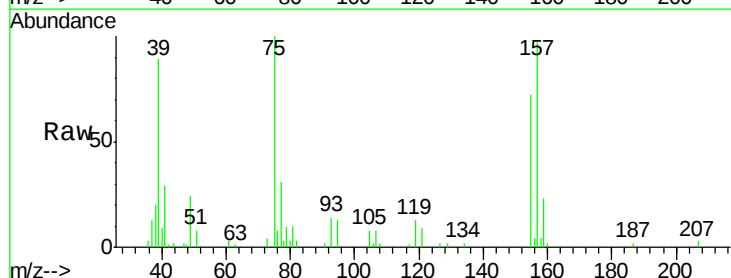
Tgt Ion: 75 Resp: 19825

Ion Ratio Lower Upper

75 100

155 71.3 36.5 109.7

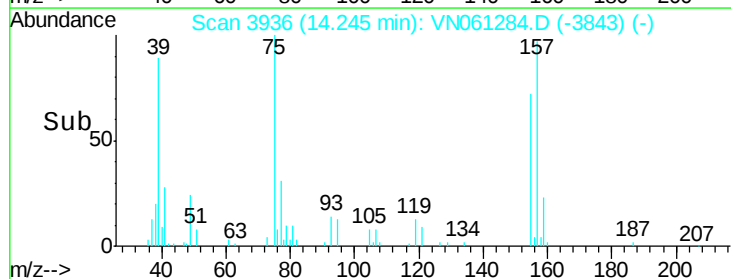
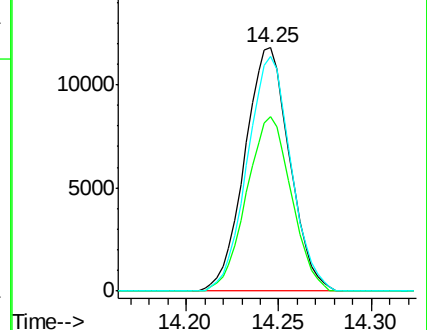
157 93.5 46.6 139.7

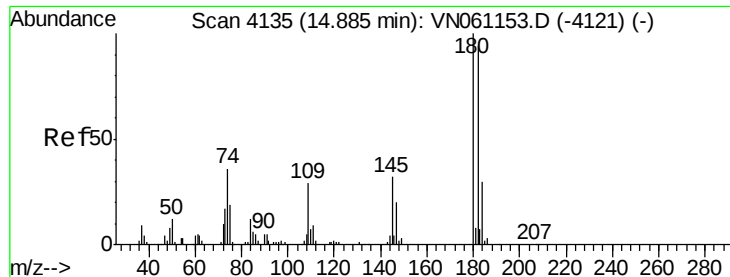


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

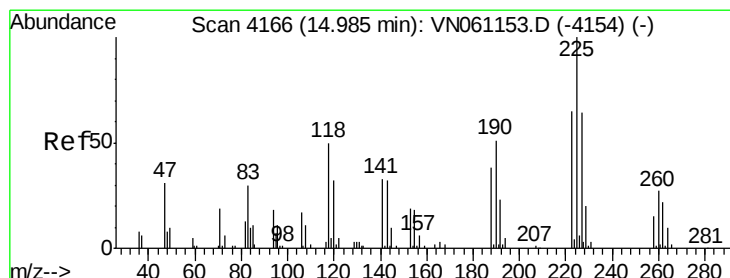
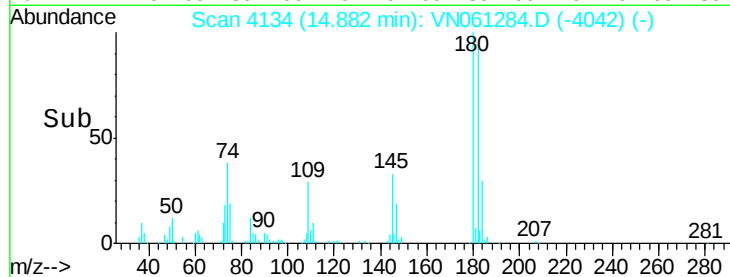
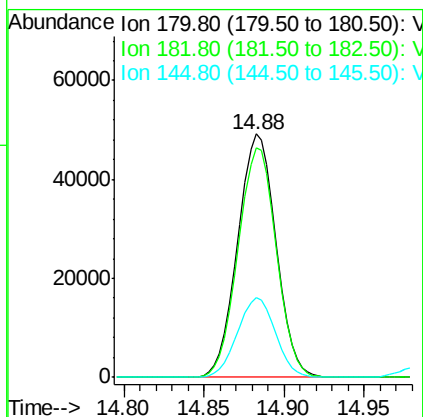
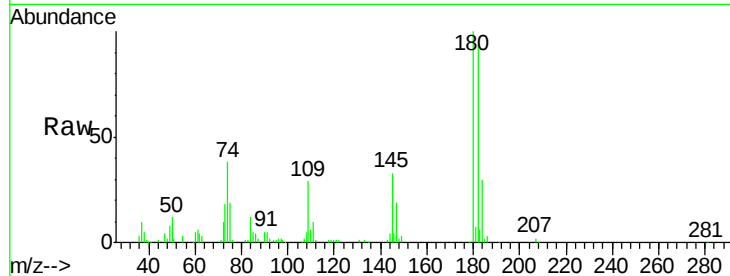




#93
 1,2,4-Trichlorobenzene
 Concen: 50.944 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

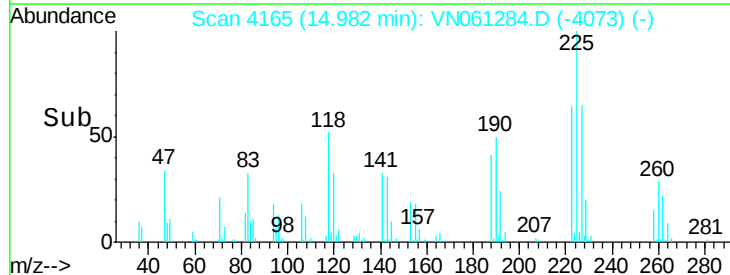
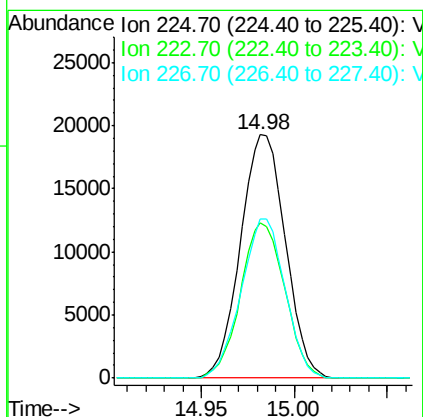
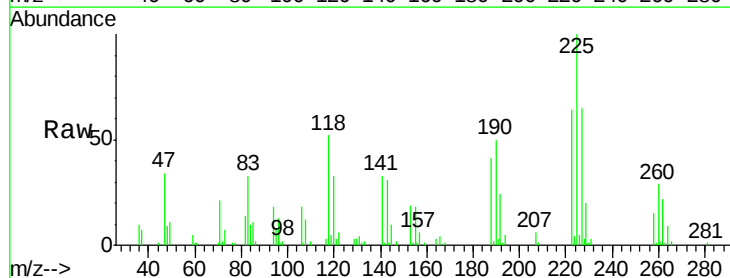
Instrument :
 MSVOA_N
 ClientSampled :

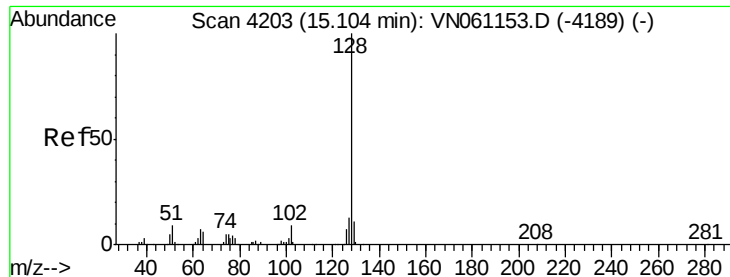
Tot Ion:180 Resp: 80157
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.9
 145 32.4 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 49.301 ug/l
 RT: 14.98 min Scan# 4165
 Delta R.T. -0.00 min
 Lab File: VN061284.D
 Acq: 5 May 2020 11:43

Tgt Ion:225 Resp: 32407
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.4 97.0
 227 63.8 32.4 97.0

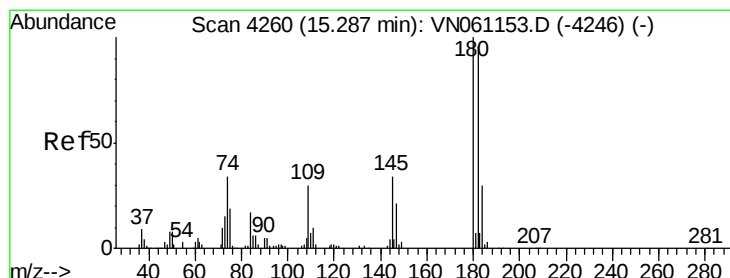
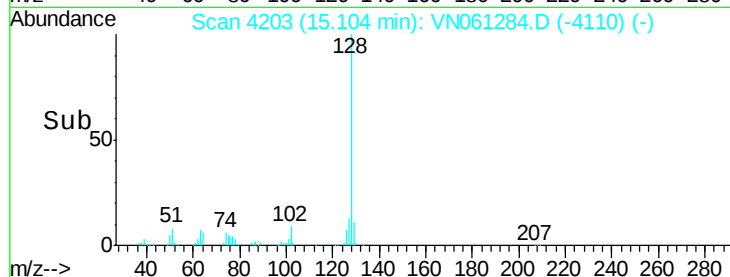
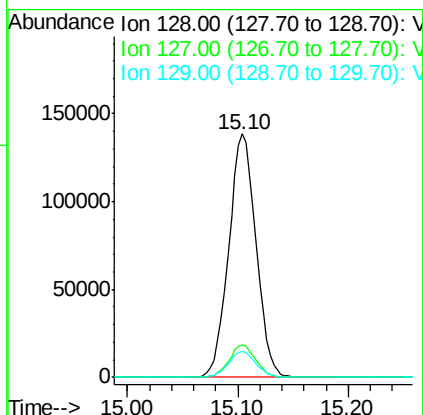
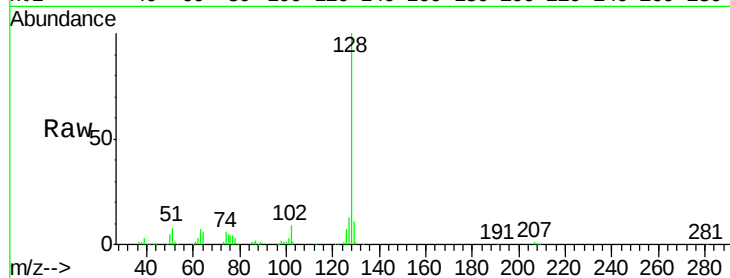




#95
Naphthalene
Concen: 46.296 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 237231
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.998 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061284.D
Acq: 5 May 2020 11:43

Tgt Ion:180 Resp: 74563
Ion Ratio Lower Upper
180 100
182 94.7 47.5 142.5
145 33.3 16.9 50.7

