

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061347.D
 Acq On : 7 May 2020 20:21
 Operator : JC/MD
 Sample : L2548-05MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 08 02:59:24 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	7.63	168	91090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	159878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	149417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	71462	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	77634	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
35) Dibromofluoromethane	7.55	113	47070	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.06	98	195329	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.37	95	74332	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	45950	47.570	ug/l	100
3) Chloromethane	2.03	50	64335	54.993	ug/l	99
4) Vinyl Chloride	2.16	62	70914	53.369	ug/l	99
5) Bromomethane	2.53	94	29238	44.515	ug/l	96
6) Chloroethane	2.67	64	43361	51.485	ug/l	99
7) Trichlorofluoromethane	2.98	101	85736	57.191	ug/l	98
8) Diethyl Ether	3.37	74	35585	56.909	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48312	50.024	ug/l	99
10) Methyl Iodide	3.91	142	53236	42.892	ug/l	99
11) Tert butyl alcohol	4.73	59	52332	271.043	ug/l	100
12) 1,1-Dichloroethene	3.69	96	48169	50.120	ug/l	99
13) Acrolein	3.57	56	26772	208.072	ug/l	100
14) Allyl chloride	4.27	41	106513	59.772	ug/l	99
15) Acrylonitrile	4.93	53	165104	278.565	ug/l	99
16) Acetone	3.77	43	148560	266.882	ug/l	99
17) Carbon Disulfide	4.01	76	107729	40.579	ug/l	99
18) Methyl Acetate	4.27	43	83224	45.800	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	195940	53.355	ug/l	98
20) Methylene Chloride	4.50	84	59498	52.939	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	54111	51.706	ug/l	99
22) Diisopropyl ether	5.90	45	227866	55.142	ug/l	100
23) Vinyl Acetate	5.84	43	852664	256.266	ug/l	99
24) 1,1-Dichloroethane	5.80	63	114264	52.923	ug/l	99
25) 2-Butanone	6.78	43	228933	268.424	ug/l	99
26) 2,2-Dichloropropane	6.78	77	87916	48.344	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	69641	56.706	ug/l	98
28) Bromochloromethane	7.15	49	59872	58.506	ug/l	96
29) Tetrahydrofuran	7.17	42	154749	269.355	ug/l	98
30) Chloroform	7.33	83	114176	52.183	ug/l	100
31) Cyclohexane	7.61	56	89436	42.654	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	97208	51.021	ug/l	99
36) 1,1-Dichloropropene	7.75	75	79597	49.734	ug/l	99
37) Ethyl Acetate	6.88	43	93403	49.781	ug/l	99
38) Carbon Tetrachloride	7.73	117	75309	51.502	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	72873	40.601	ug/l	97
40) Benzene	8.00	78	243492	51.066	ug/l	99
41) Methacrylonitrile	7.12	41	43500	55.839	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	97483	53.967	ug/l	99
43) Isopropyl Acetate	8.12	43	157936	50.720	ug/l	100
44) Trichloroethene	8.80	130	64550	50.079	ug/l	100
45) 1,2-Dichloropropane	9.08	63	67439	52.941	ug/l	100
46) Dibromomethane	9.18	93	42332	53.671	ug/l	99
47) Bromodichloromethane	9.37	83	91631	54.126	ug/l	99
48) Methyl methacrylate	9.17	41	78692	56.003	ug/l	97
49) 1,4-Dioxane	9.16	88	15896	996.609	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	498639	272.053	ug/l	100
52) Toluene	10.12	92	145566	50.685	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	99408	52.112	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	102036	50.596	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	59978	52.357	ug/l	99
56) Ethyl methacrylate	10.40	69	96135	48.259	ug/l	98
57) 1,3-Dichloropropane	10.68	76	107610	53.442	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	529	0.570	ug/l #	49
59) 2-Hexanone	10.72	43	362312	271.710	ug/l	100
60) Dibromochloromethane	10.87	129	64614	53.854	ug/l	98
61) 1,2-Dibromoethane	10.98	107	59865	52.139	ug/l	99
64) Tetrachloroethene	10.60	164	84226	65.084	ug/l	99
65) Chlorobenzene	11.41	112	150815	50.883	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	57785	54.472	ug/l	99
67) Ethyl Benzene	11.48	91	280651	50.582	ug/l	100
68) m/p-Xylenes	11.59	106	204015	100.456	ug/l	98
69) o-Xylene	11.92	106	98015	50.243	ug/l	98
70) Styrene	11.94	104	162276	49.701	ug/l	98
71) Bromoform	12.10	173	43132	55.323	ug/l #	100
73) Isopropylbenzene	12.22	105	260630	49.611	ug/l	100
74) N-amyl acetate	12.04	43	134729	50.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	89956	54.914	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	119646	79.414	ug/l #	100
77) Bromobenzene	12.50	156	62525	51.557	ug/l	98
78) n-propylbenzene	12.57	91	309530	49.674	ug/l	99
79) 2-Chlorotoluene	12.65	91	187345	51.151	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	219169	50.406	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	30517	51.438	ug/l	97
82) 4-Chlorotoluene	12.75	91	198013	51.296	ug/l	99
83) tert-Butylbenzene	12.97	119	176996	48.276	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	223360	49.860	ug/l	99
85) sec-Butylbenzene	13.15	105	235606	47.134	ug/l	99
86) p-Isopropyltoluene	13.26	119	213125	47.322	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	112795	50.523	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	113616	49.807	ug/l	99
89) n-Butylbenzene	13.59	91	191221	46.315	ug/l	99
90) Hexachloroethane	13.85	117	32159	65.643	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	109688	51.240	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18594	53.745	ug/l	96

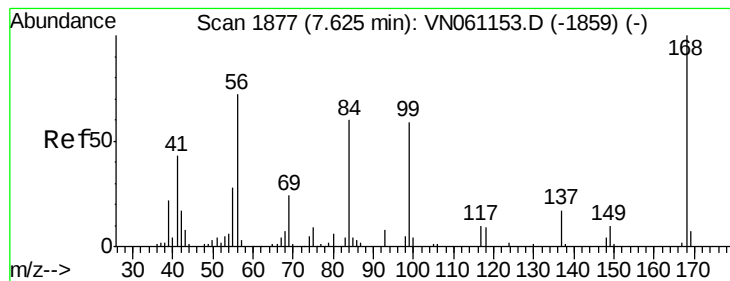
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	62118	47.653	ug/l	99
94) Hexachlorobutadiene	14.99	225	26216	48.139	ug/l	98
95) Naphthalene	15.10	128	204934	48.273	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	61783	48.005	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

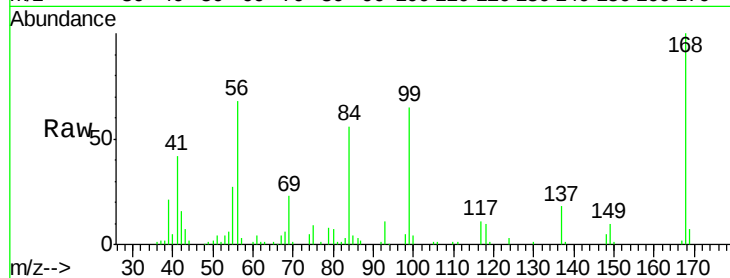
ClientSampled :

Tot Ion:168 Resp: 91090

Ion Ratio Lower Upper

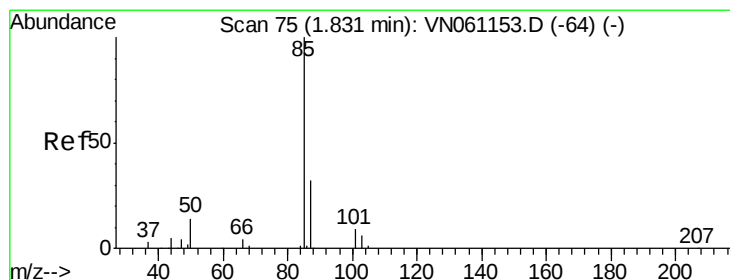
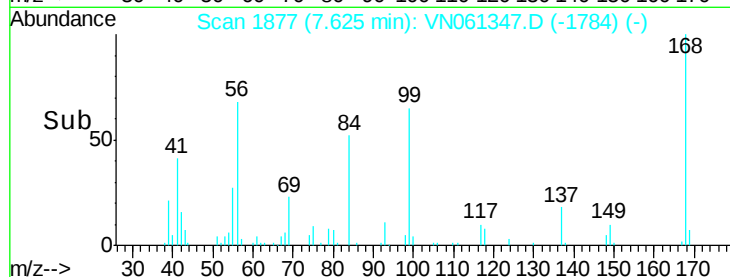
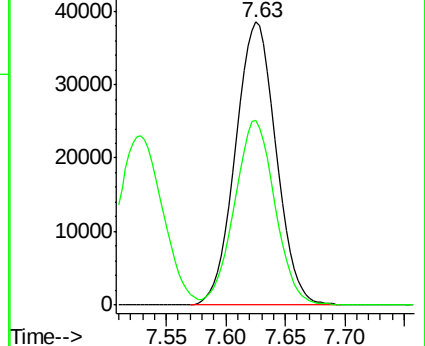
168 100

99 65.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.570 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061347.D

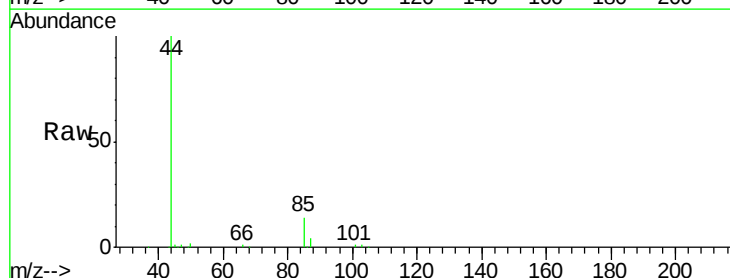
Acq: 7 May 2020 20:21

Tgt Ion: 85 Resp: 45950

Ion Ratio Lower Upper

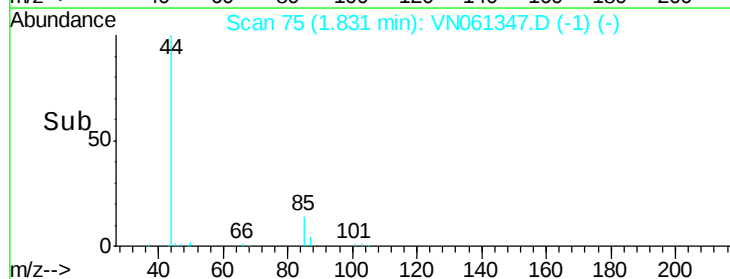
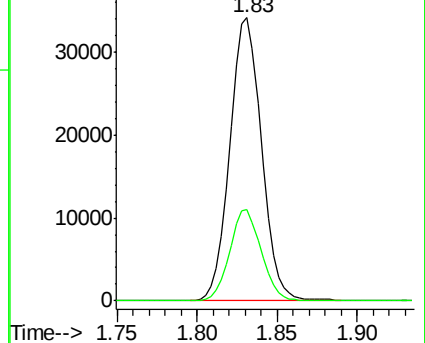
85 100

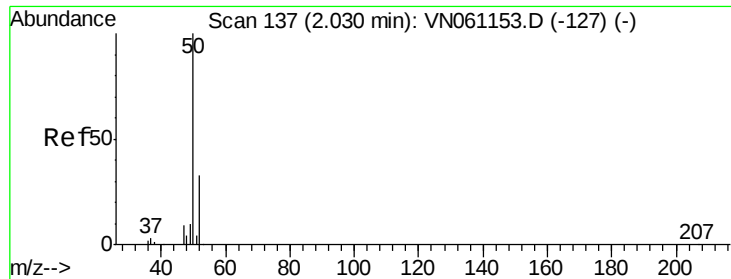
87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 54.993 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

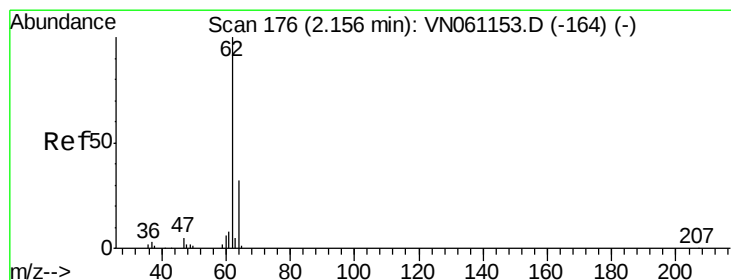
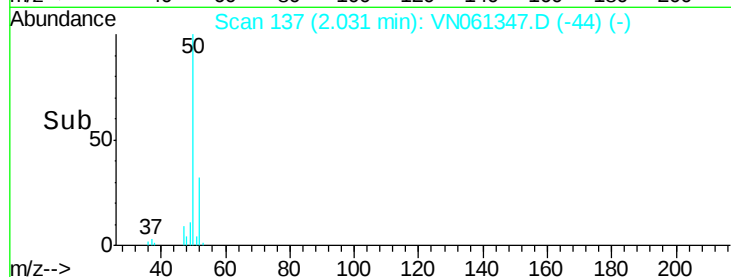
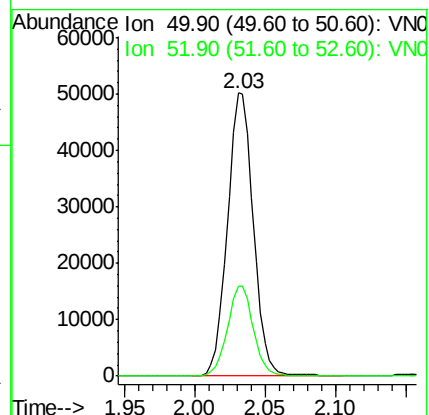
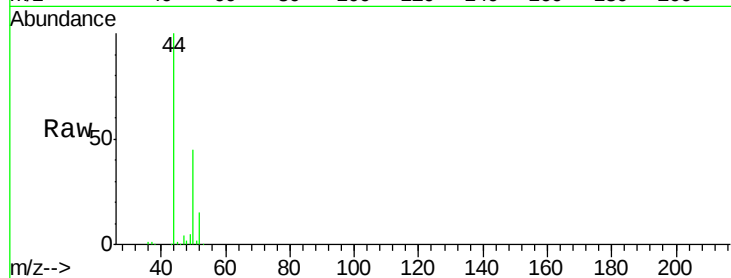
ClientSampled :

Tot Ion: 50 Resp: 64335

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



#4

Vinyl Chloride

Concen: 53.369 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061347.D

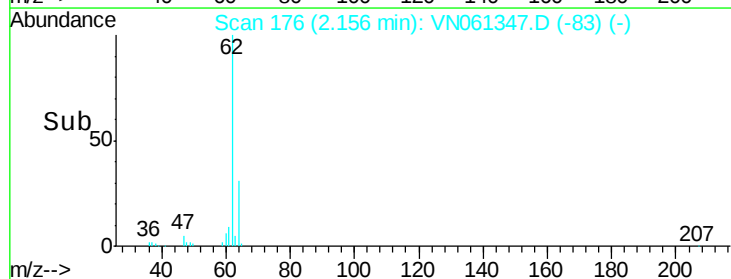
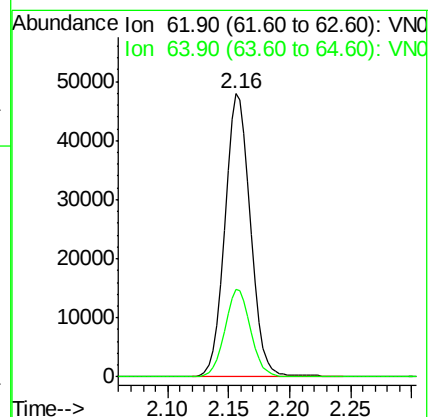
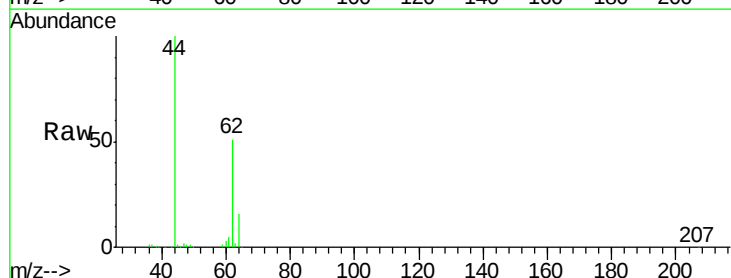
Acq: 7 May 2020 20:21

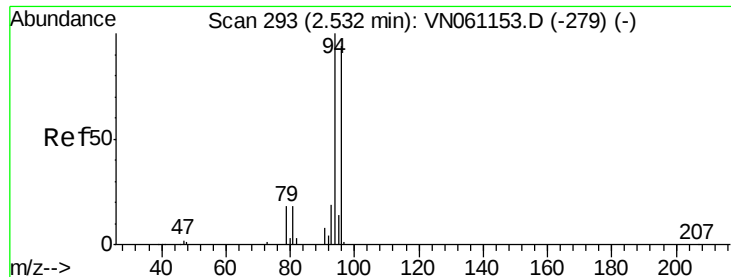
Tgt Ion: 62 Resp: 70914

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#5

Bromomethane

Concen: 44.515 ug/l

RT: 2.53 min Scan# 292

Delta R.T. -0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

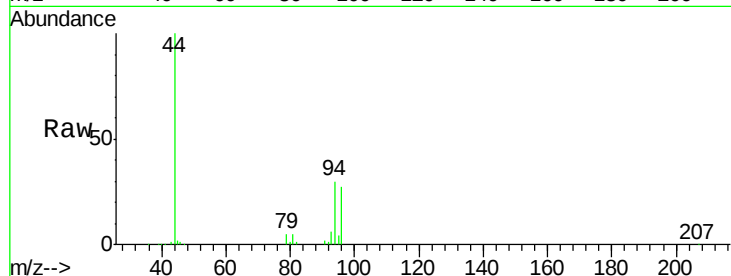
ClientSampleId :

Tot Ion: 94 Resp: 29238

Ion Ratio Lower Upper

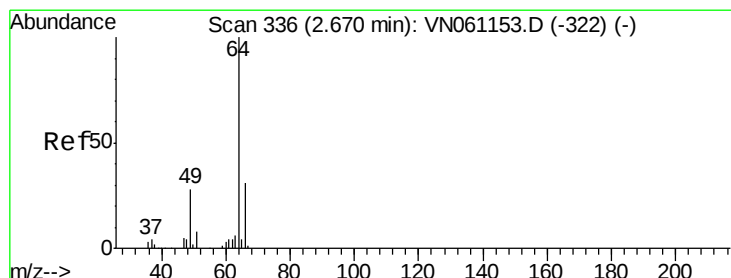
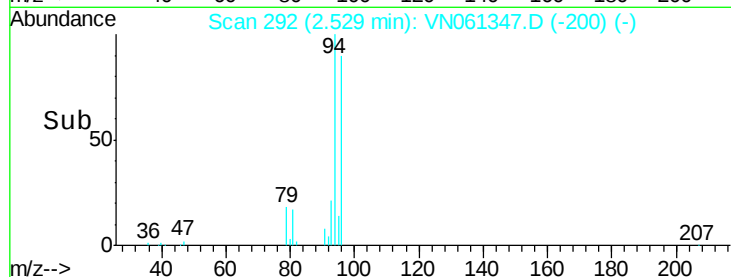
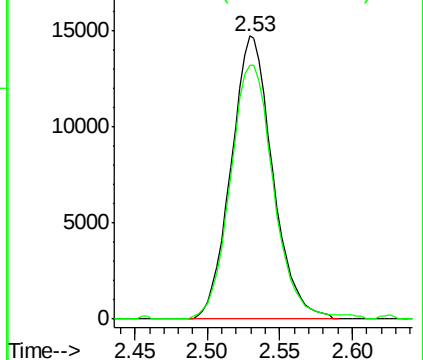
94 100

96 89.9 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 51.485 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061347.D

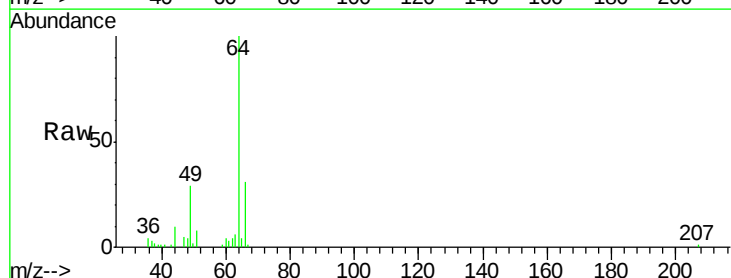
Acq: 7 May 2020 20:21

Tgt Ion: 64 Resp: 43361

Ion Ratio Lower Upper

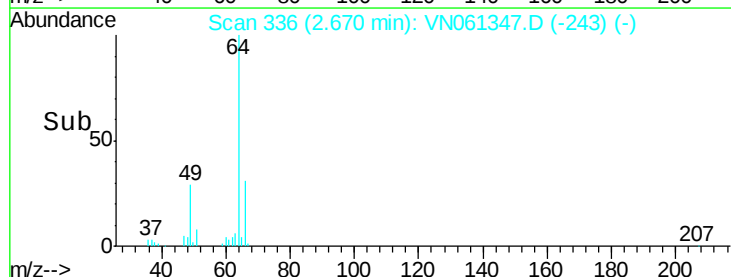
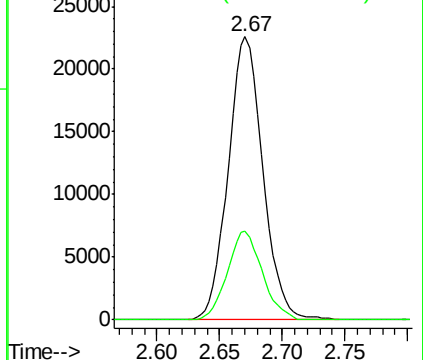
64 100

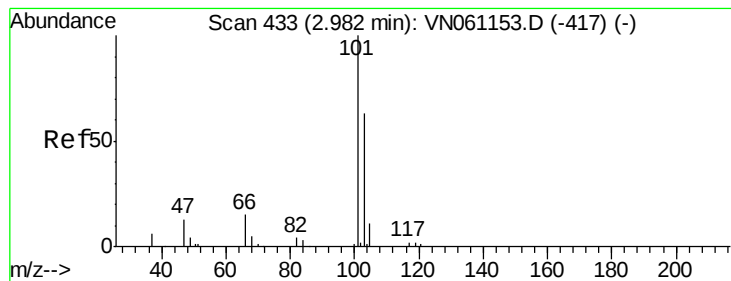
66 31.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



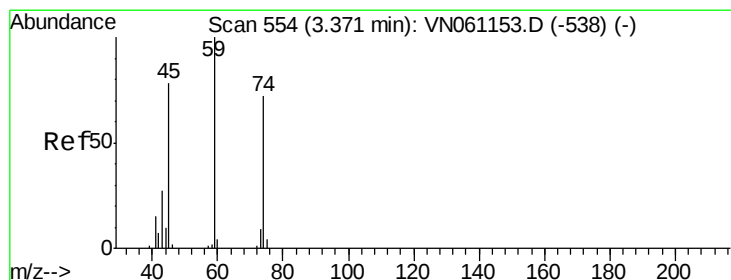
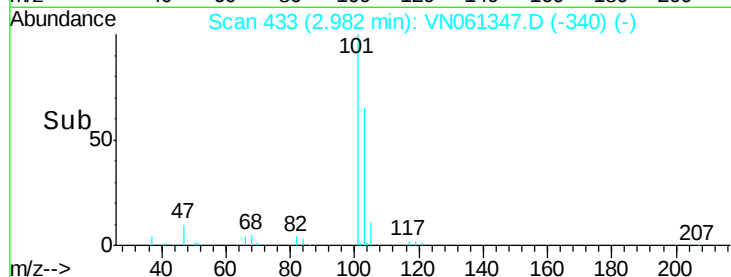
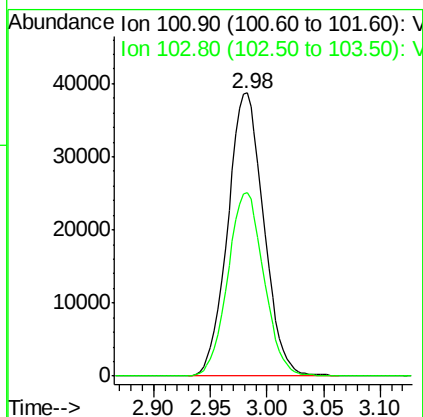
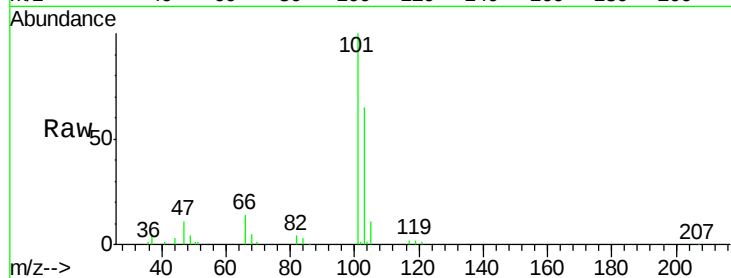


#7

Trichlorofluoromethane
 Concen: 57.191 ug/l
 RT: 2.98 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Instrument :
 MSVOA_N
 ClientSampled :

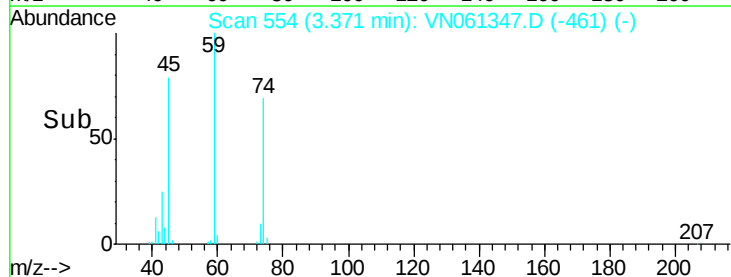
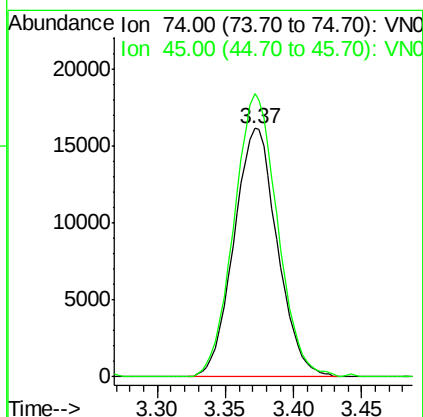
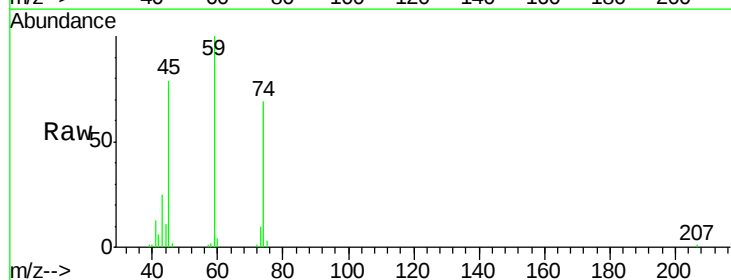
Tot Ion:101 Resp: 85736
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.6 76.0

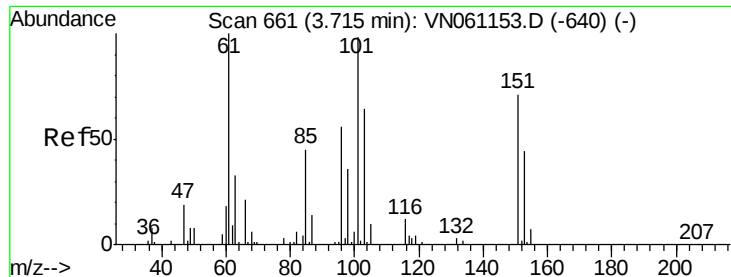


#8

Diethyl Ether
 Concen: 56.909 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion: 74 Resp: 35585
 Ion Ratio Lower Upper
 74 100
 45 114.5 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.024 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

ClientSampled :

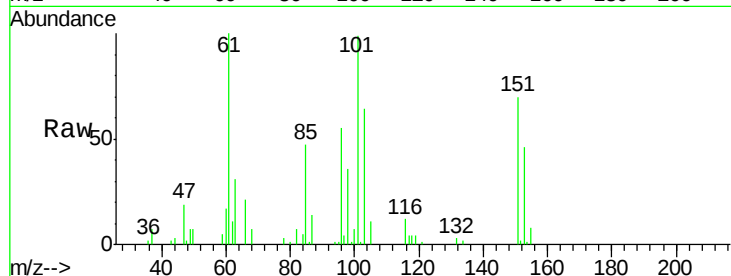
Tot Ion:101 Resp: 48312

Ion Ratio Lower Upper

101 100

85 47.1 37.2 55.8

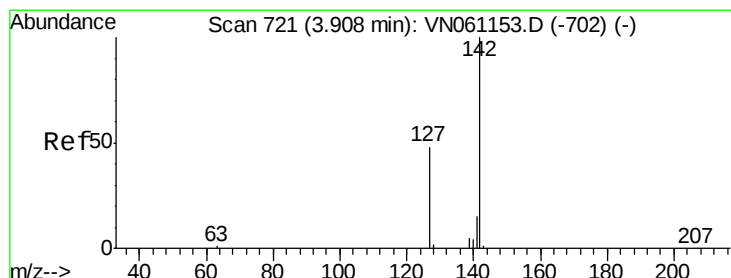
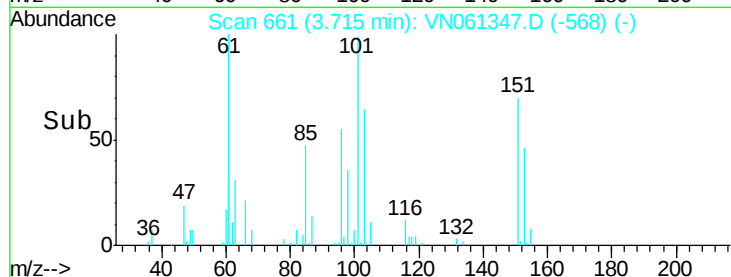
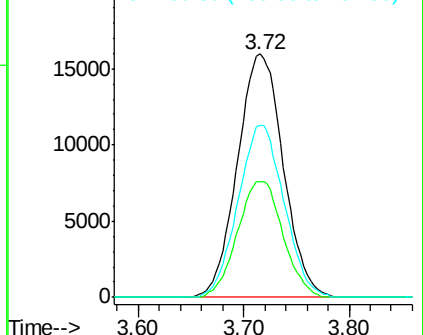
151 70.9 57.7 86.5



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: 42.892 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

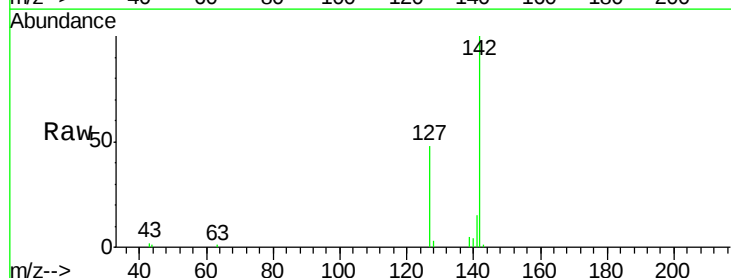
Tgt Ion:142 Resp: 53236

Ion Ratio Lower Upper

142 100

127 47.9 38.0 57.0

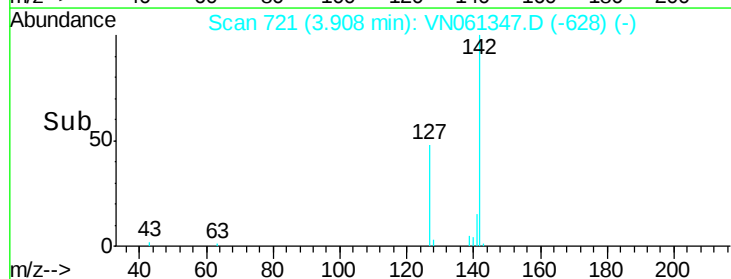
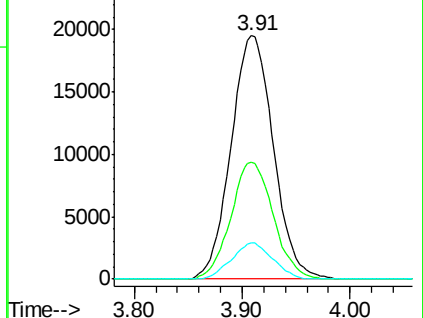
141 14.4 11.7 17.5

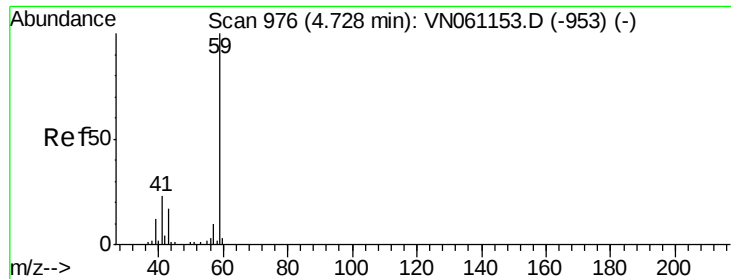


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

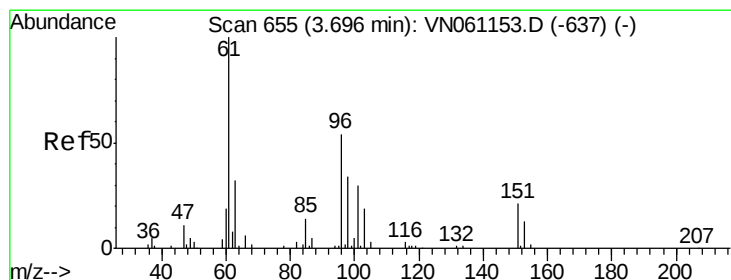
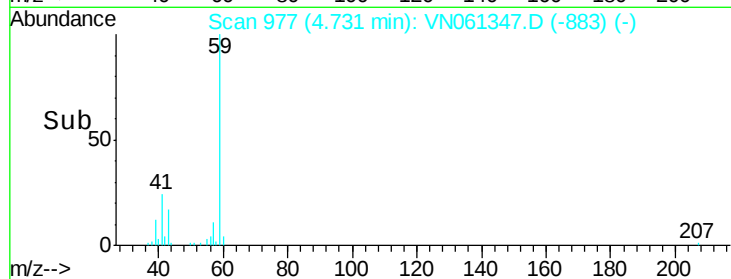
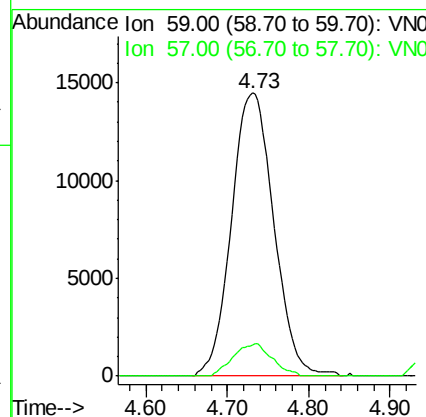
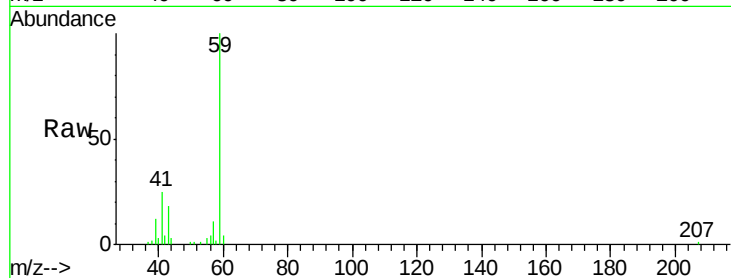




#11
Tert butyl alcohol
Concen: 271.043 ug/l
RT: 4.73 min Scan# 977
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

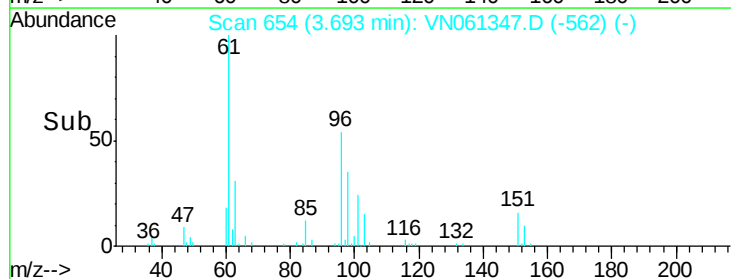
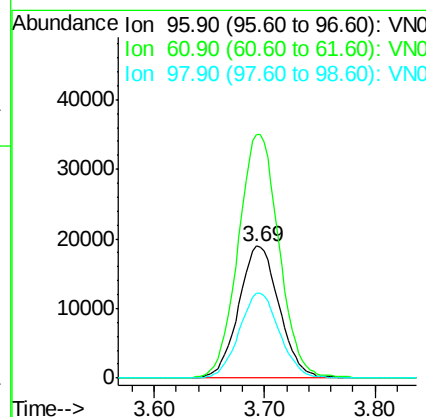
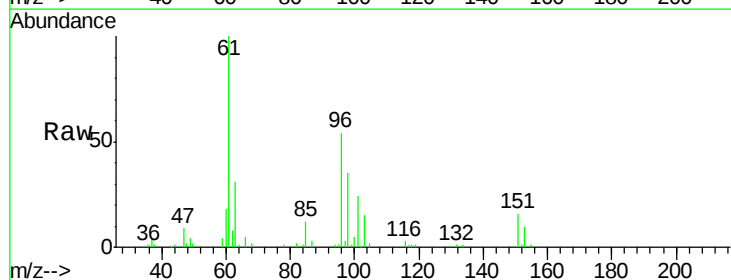
Instrument :
MSVOA_N
ClientSampled :

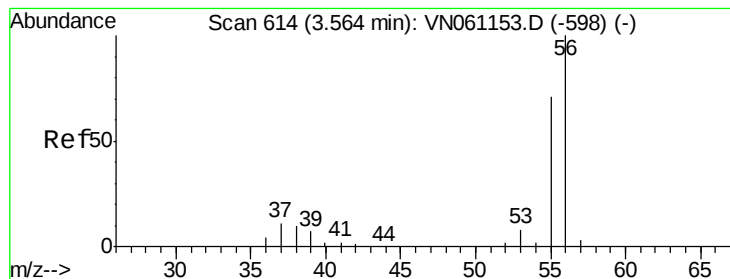
Tot Ion: 59 Resp: 52332
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 50.120 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion: 96 Resp: 48169
Ion Ratio Lower Upper
96 100
61 184.8 147.0 220.6
98 64.5 49.8 74.6





#13

Acrolein

Concen: 208.072 ug/l

RT: 3.57 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

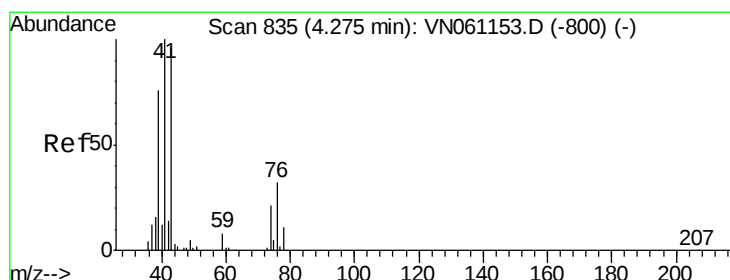
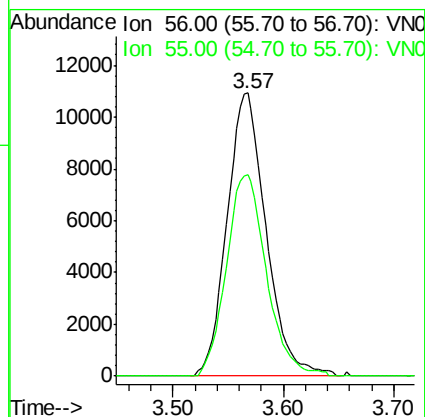
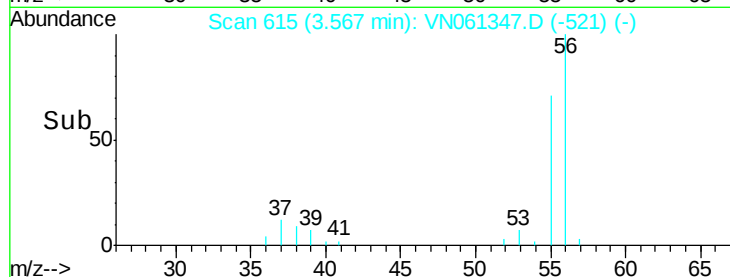
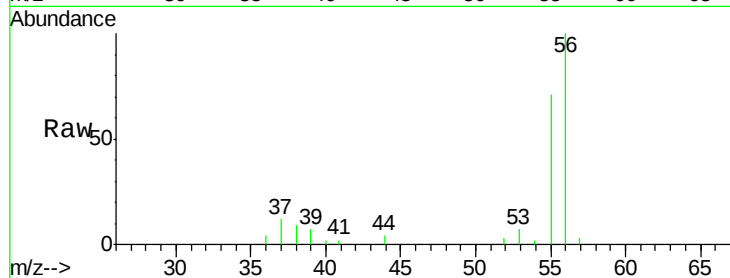
ClientSampled :

Tot Ion: 56 Resp: 26772

Ion Ratio Lower Upper

56 100

55 73.2 58.5 87.7



#14

Allyl chloride

Concen: 59.772 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

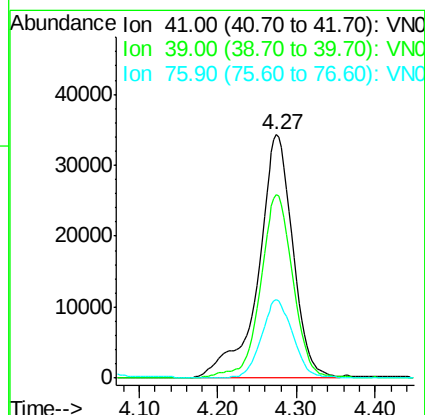
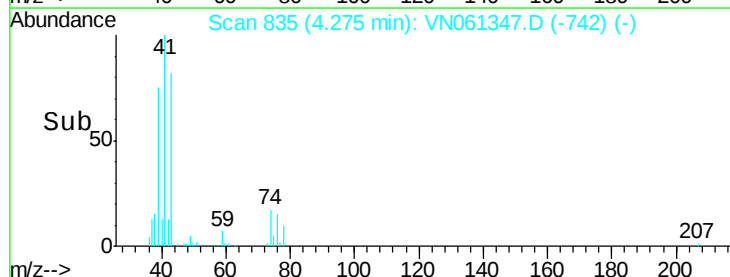
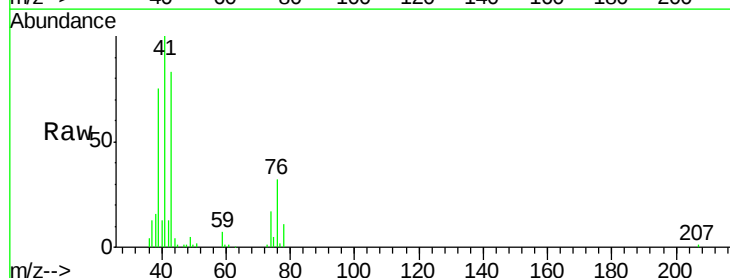
Tgt Ion: 41 Resp: 106513

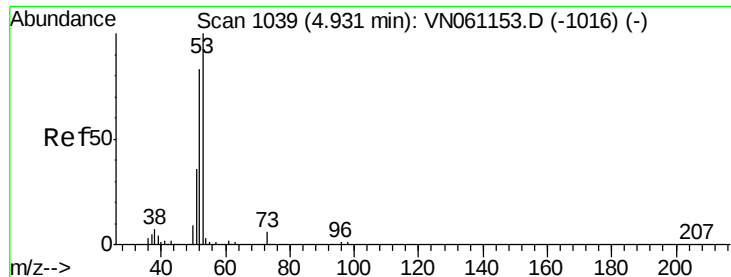
Ion Ratio Lower Upper

41 100

39 70.8 57.1 85.7

76 29.2 24.3 36.5





#15

Acrylonitrile

Concen: 278.565 ug/l

RT: 4.93 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

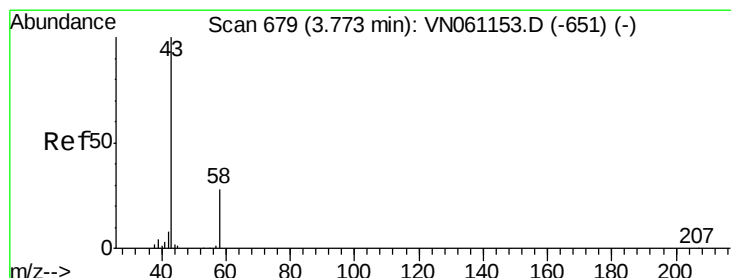
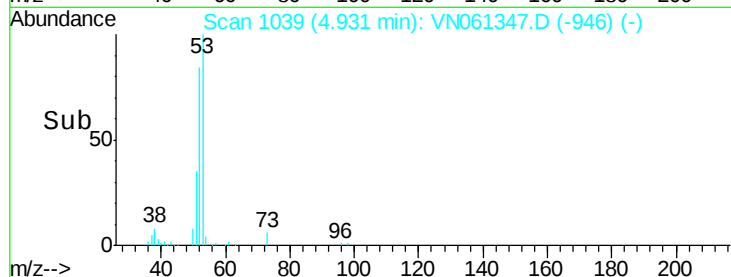
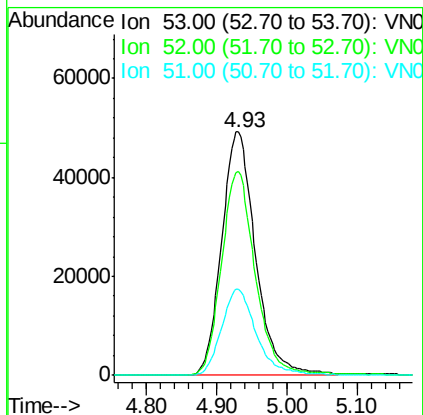
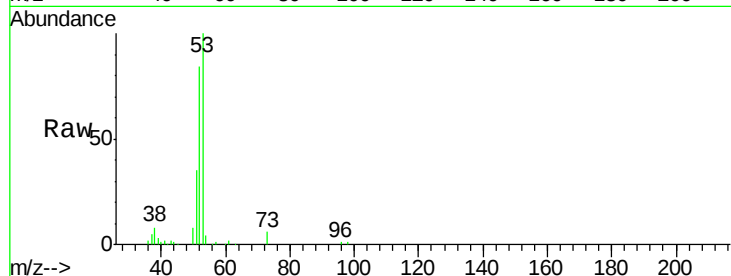
Tot Ion: 53 Resp: 165104

Ion Ratio Lower Upper

53 100

52 82.8 65.4 98.0

51 36.4 29.5 44.3



#16

Acetone

Concen: 266.882 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061347.D

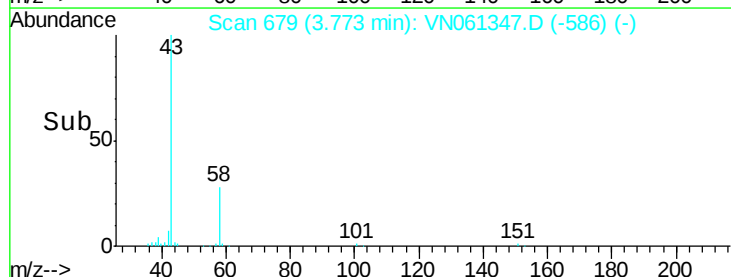
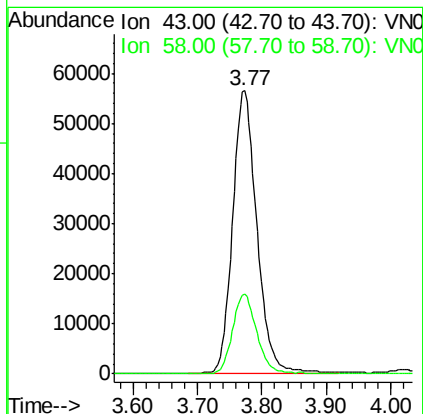
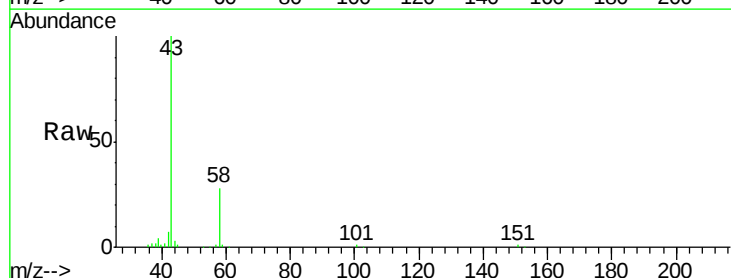
Acq: 7 May 2020 20:21

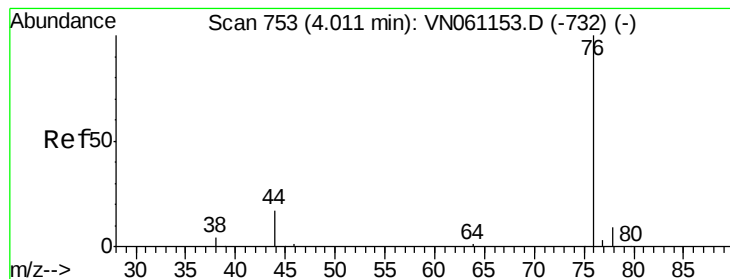
Tgt Ion: 43 Resp: 148560

Ion Ratio Lower Upper

43 100

58 28.2 22.2 33.2





#17

Carbon Disulfide

Concen: 40.579 ug/l

RT: 4.01 min Scan# 753

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

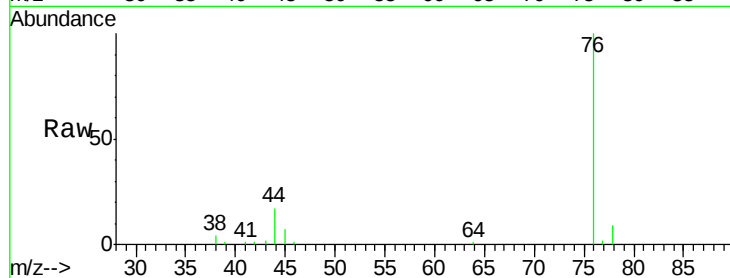
ClientSampleId :

Tot Ion: 76 Resp: 107729

Ion Ratio Lower Upper

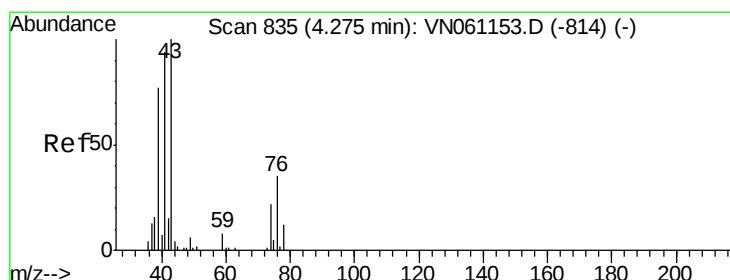
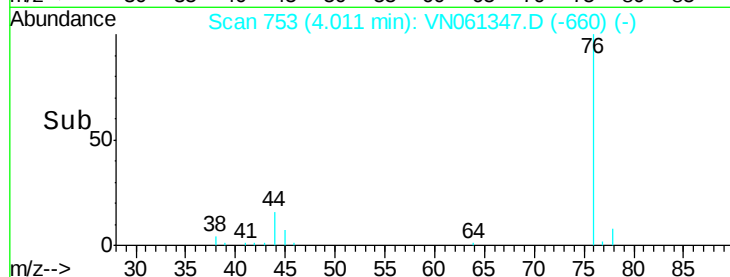
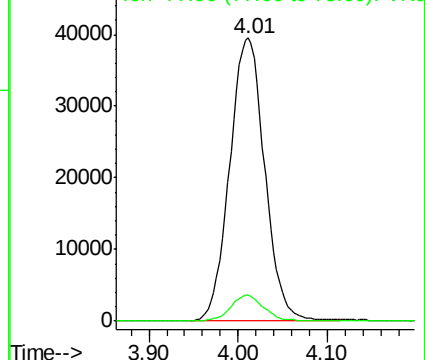
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 45.800 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061347.D

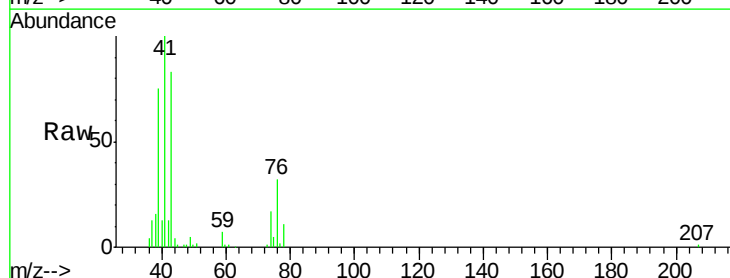
Acq: 7 May 2020 20:21

Tgt Ion: 43 Resp: 83224

Ion Ratio Lower Upper

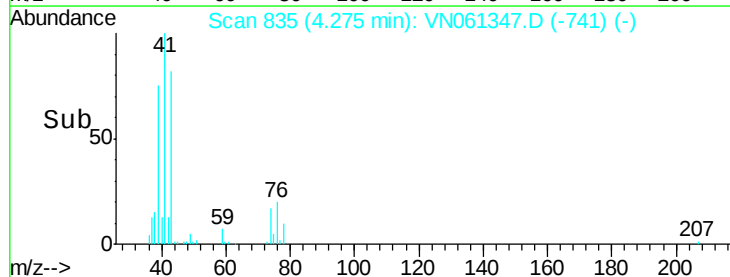
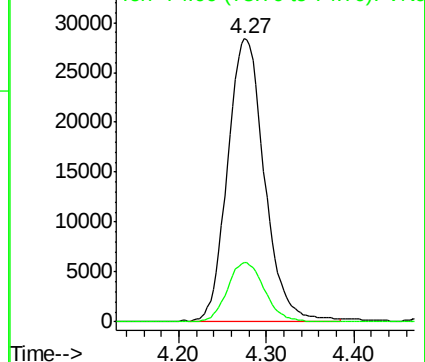
43 100

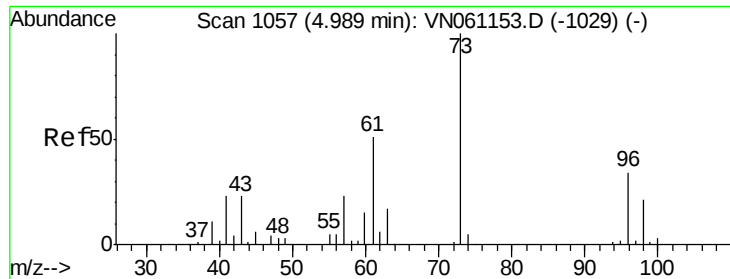
74 21.0 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

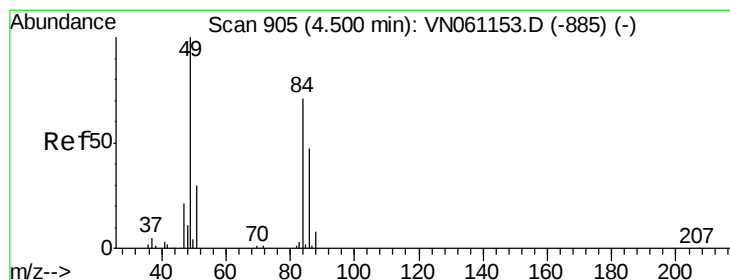
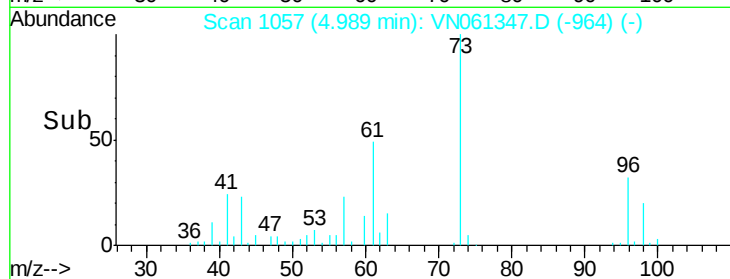
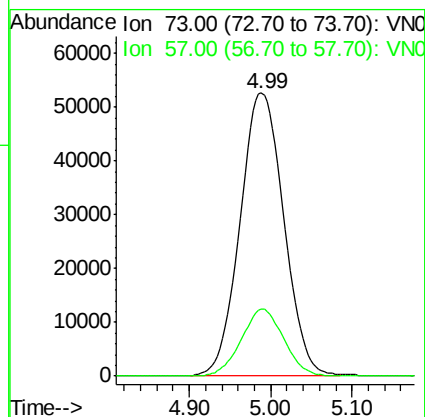
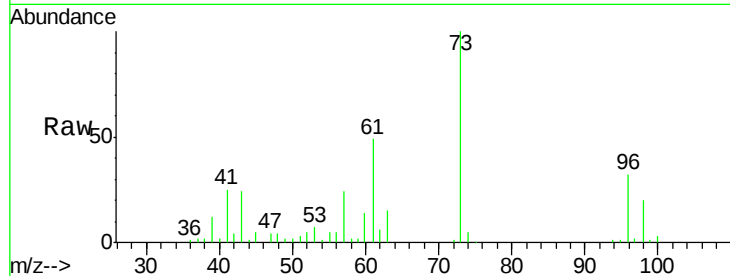




#19
Methyl tert-butyl Ether
Concen: 53.355 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

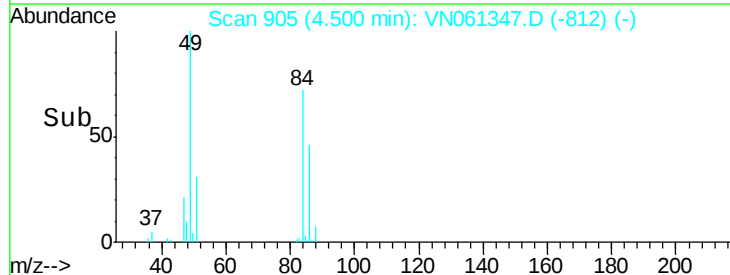
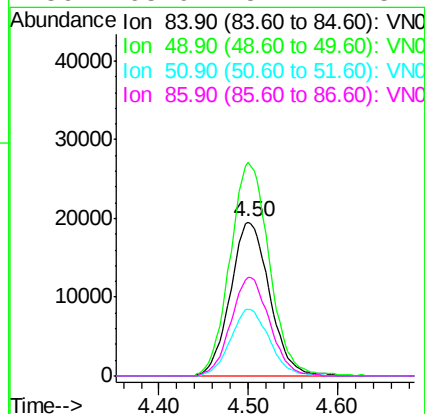
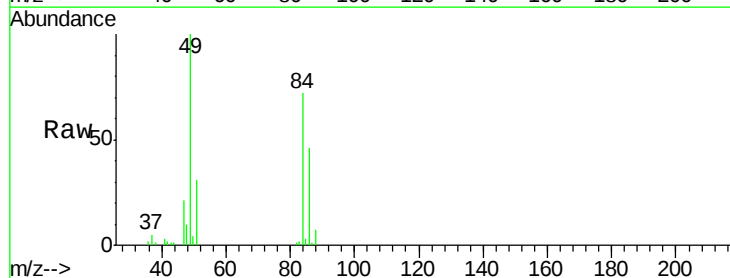
Instrument :
MSVOA_N
ClientSampled :

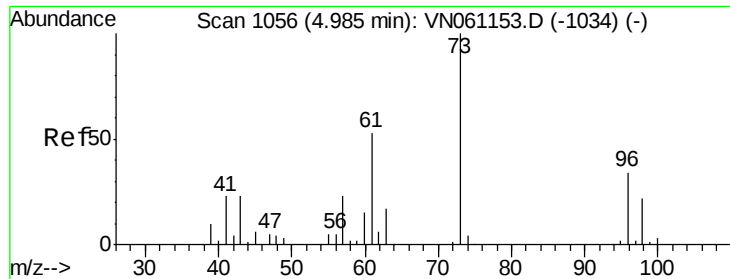
Tot Ion: 73 Resp: 195940
Ion Ratio Lower Upper
73 100
57 23.9 18.3 27.5



#20
Methylene Chloride
Concen: 52.939 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion: 84 Resp: 59498
Ion Ratio Lower Upper
84 100
49 138.7 112.0 168.0
51 43.6 33.6 50.4
86 63.9 52.1 78.1



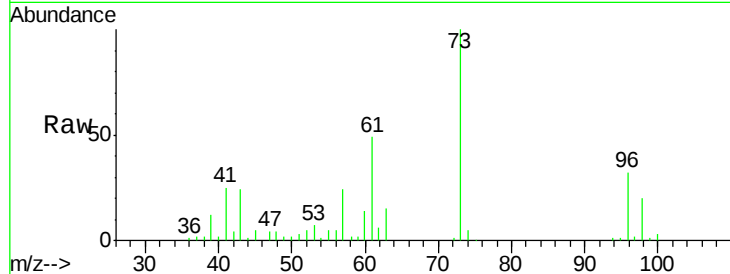


#21

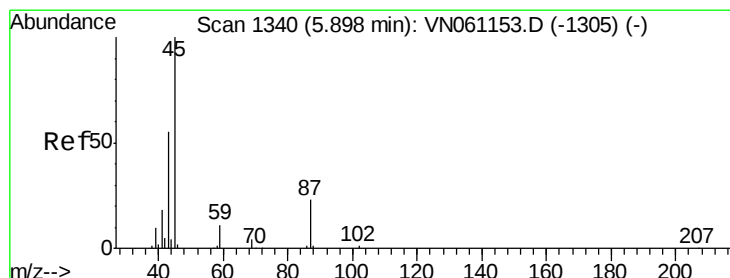
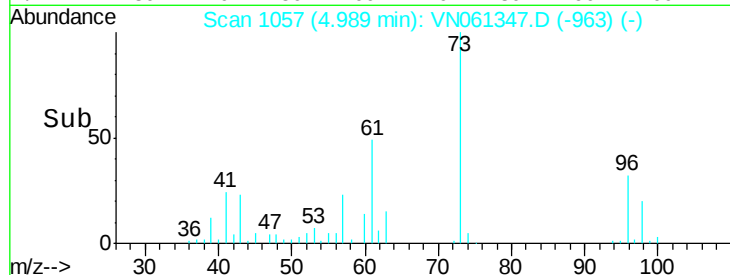
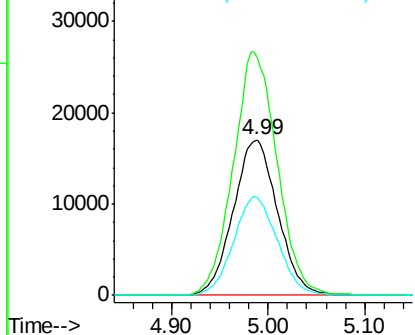
trans-1,2-Dichloroethene
Concen: 51.706 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 54111
Ion Ratio Lower Upper
96 100
61 152.6 123.0 184.4
98 63.1 50.1 75.1



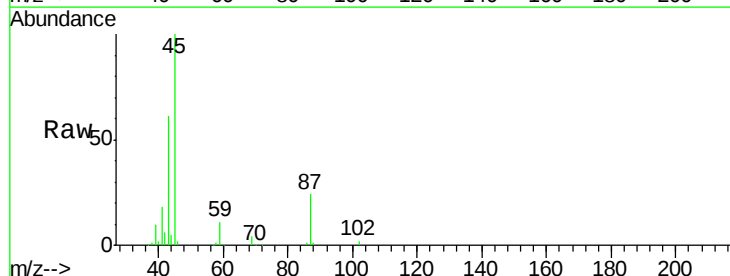
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



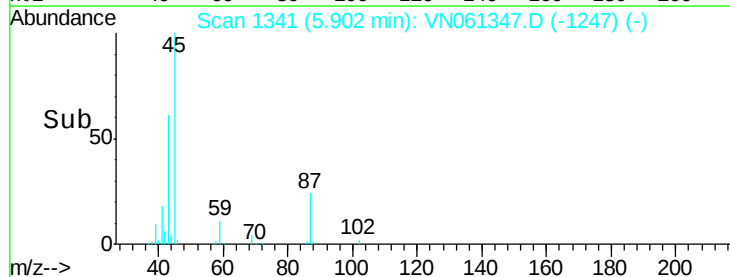
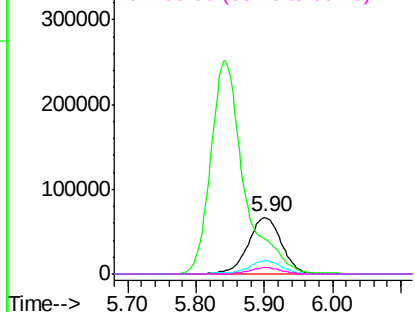
#22

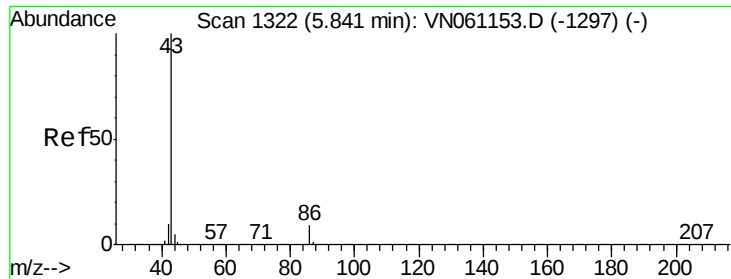
Diisopropyl ether
Concen: 55.142 ug/l
RT: 5.90 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion: 45 Resp: 227866
Ion Ratio Lower Upper
45 100
43 59.9 47.9 71.9
87 24.0 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

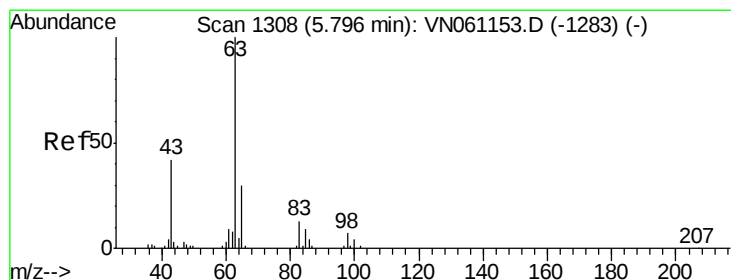
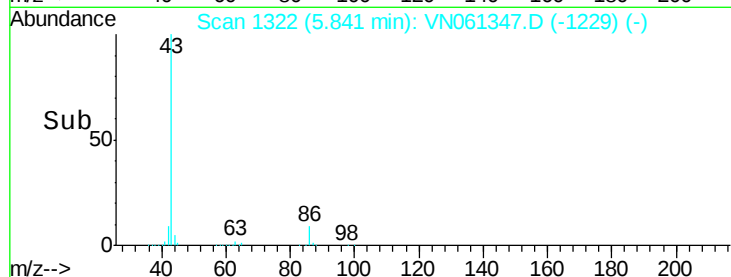
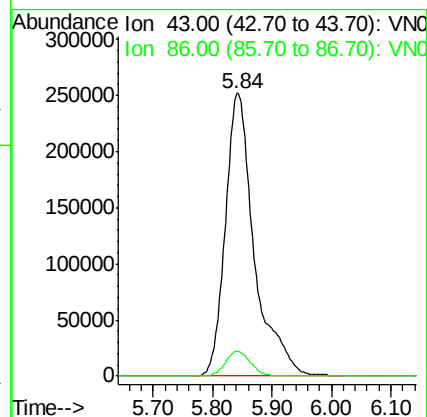
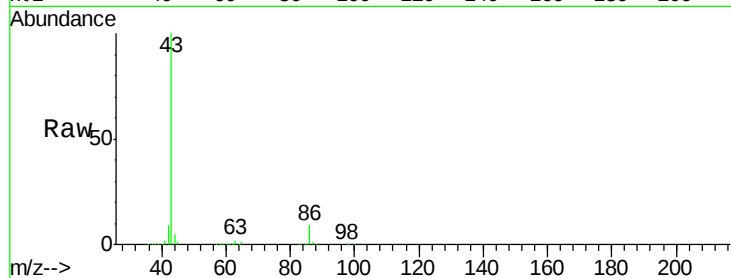




#23
 Vinyl Acetate
 Concen: 256.266 ug/l
 RT: 5.84 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

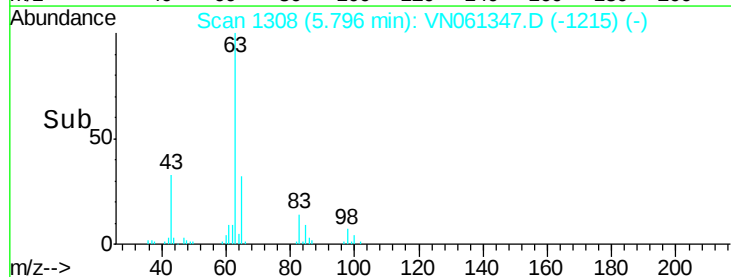
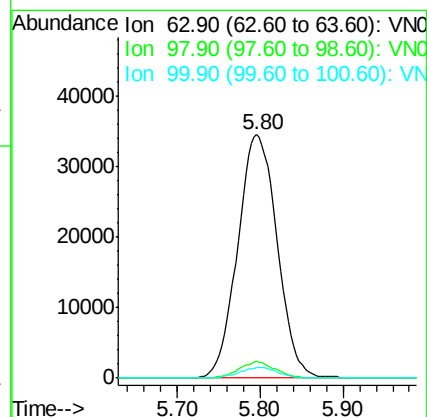
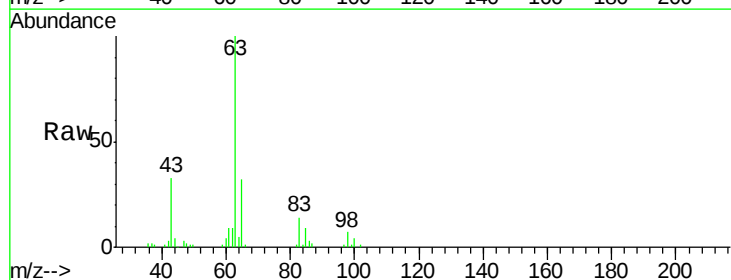
Instrument :
 MSVOA_N
 ClientSampleId :

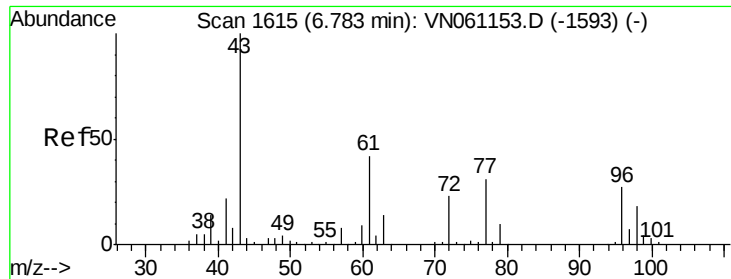
Tot Ion: 43 Resp: 852664
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 52.923 ug/l
 RT: 5.80 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion: 63 Resp: 114264
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.2 1.9 5.7

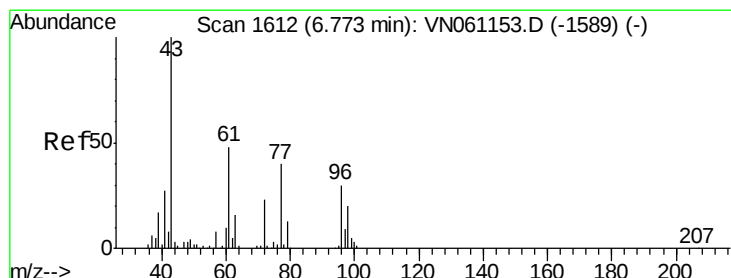
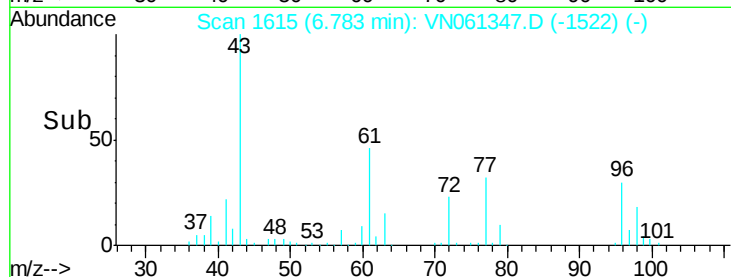
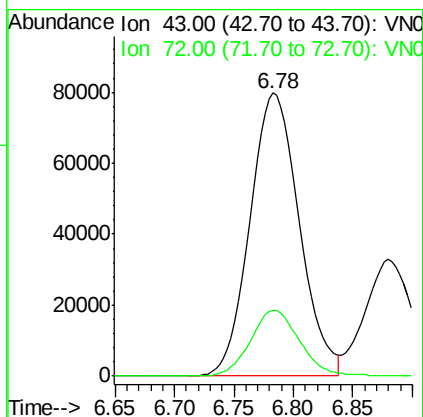
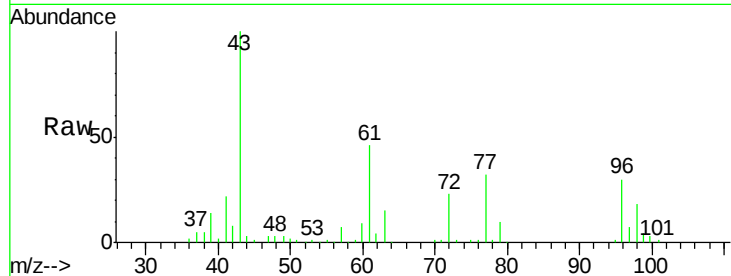




#25
2-Butanone
Concen: 268.424 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

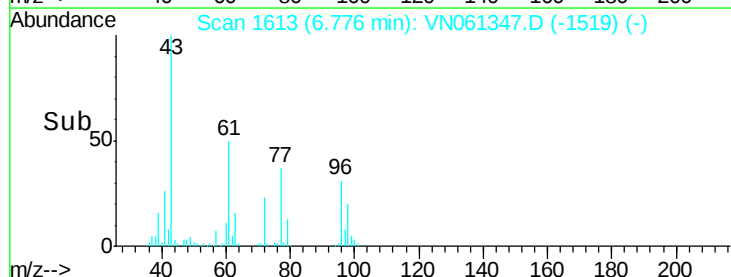
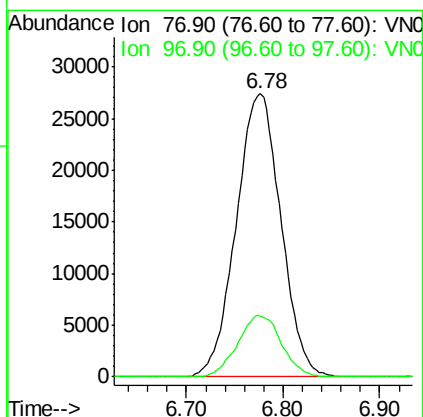
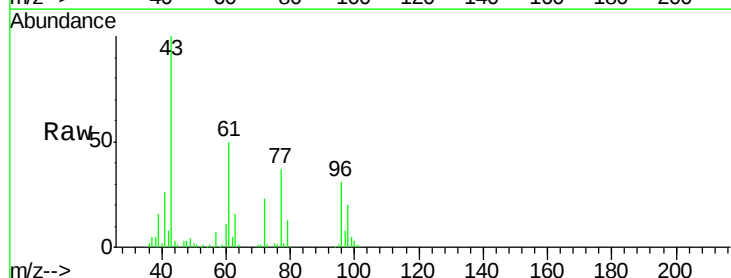
Instrument :
MSVOA_N
ClientSampled :

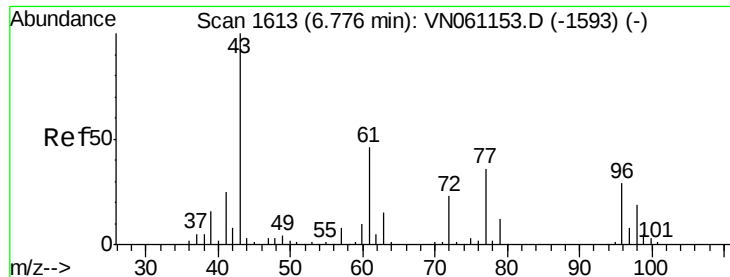
Tot Ion: 43 Resp: 228933
Ion Ratio Lower Upper
43 100
72 23.3 18.2 27.4



#26
2,2-Dichloropropane
Concen: 48.344 ug/l
RT: 6.78 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion: 77 Resp: 87916
Ion Ratio Lower Upper
77 100
97 21.2 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 56.706 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.01 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

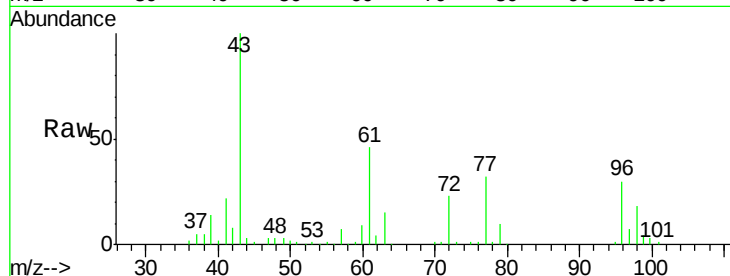
Tot Ion: 96 Resp: 69641

Ion Ratio Lower Upper

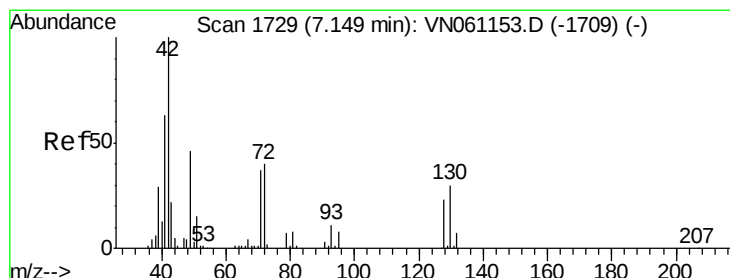
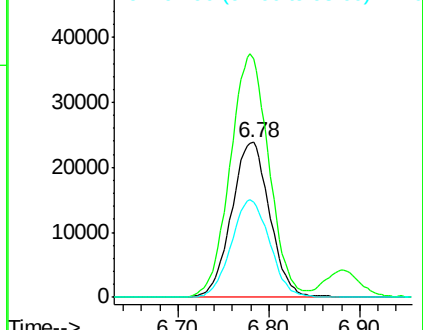
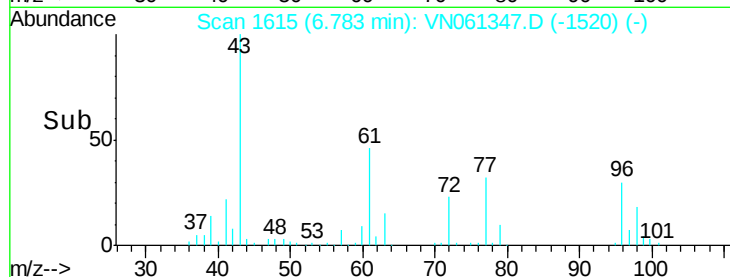
96 100

61 158.8 0.0 322.0

98 63.2 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN061347.D (-1520) (-)



#28

Bromochloromethane

Concen: 58.506 ug/l

RT: 7.15 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

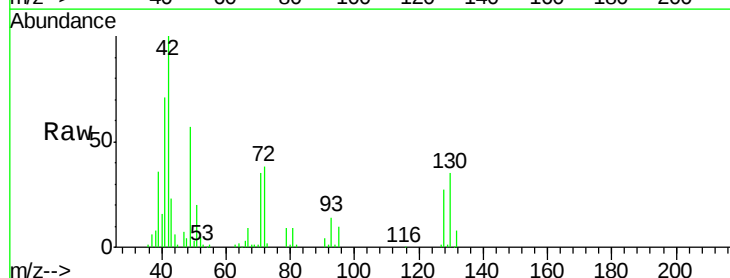
Tgt Ion: 49 Resp: 59872

Ion Ratio Lower Upper

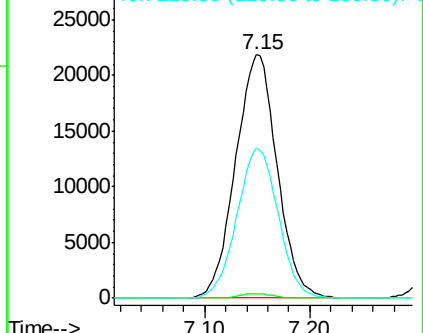
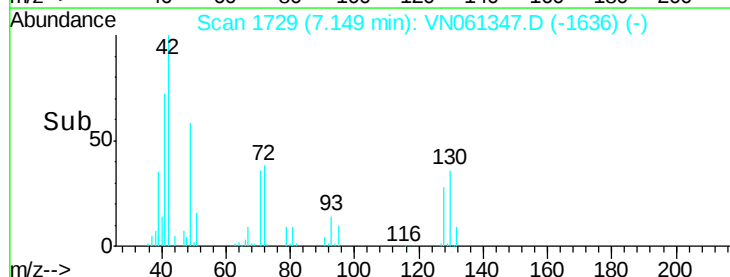
49 100

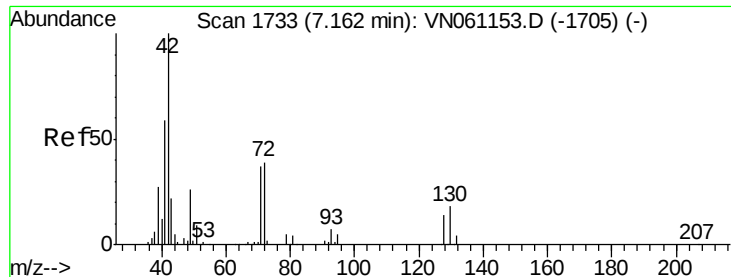
129 1.3 0.0 3.0

130 61.0 51.4 77.2



Abundance Ion 48.90 (48.60 to 49.60): VN061347.D (-1636) (-)

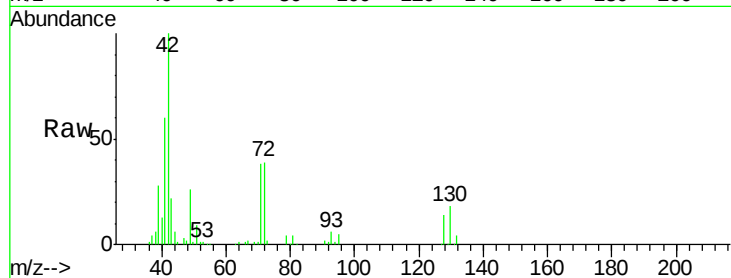




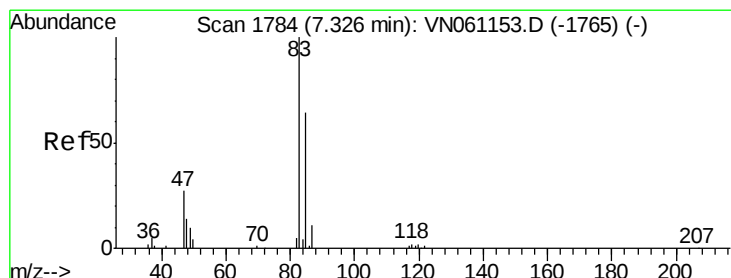
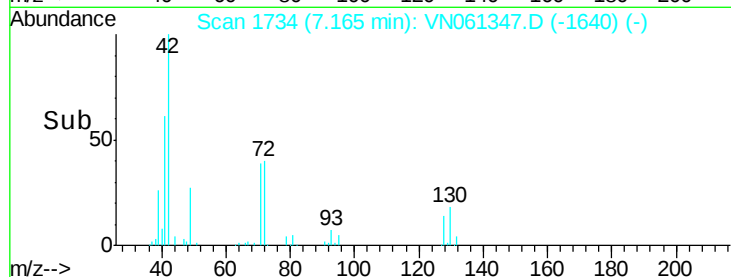
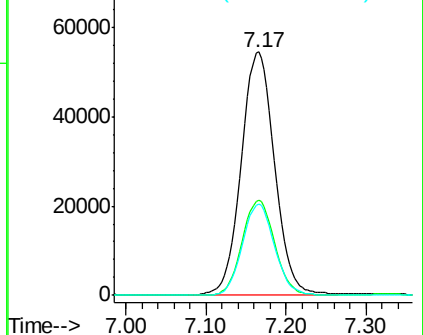
#29
Tetrahydrofuran
Concen: 269.355 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 154749
Ion Ratio Lower Upper
42 100
72 38.1 31.4 47.0
71 35.9 29.5 44.3

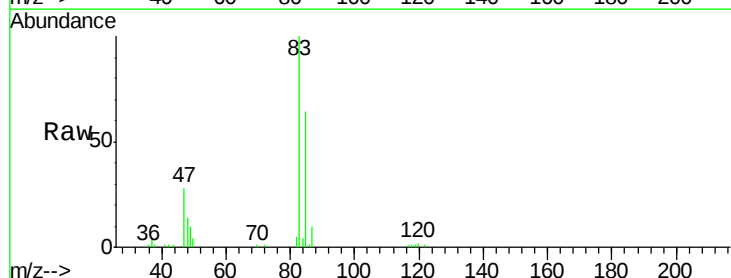


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

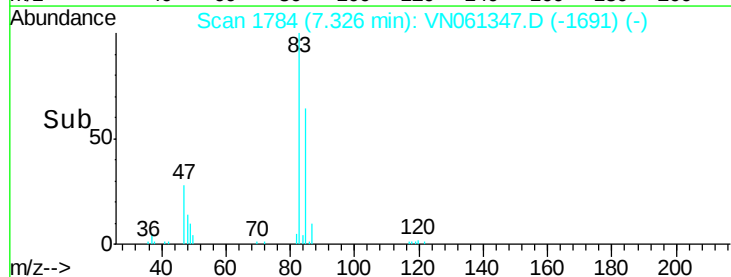
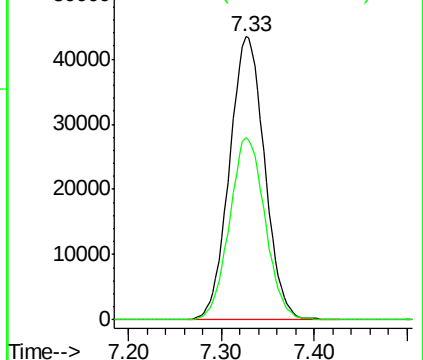


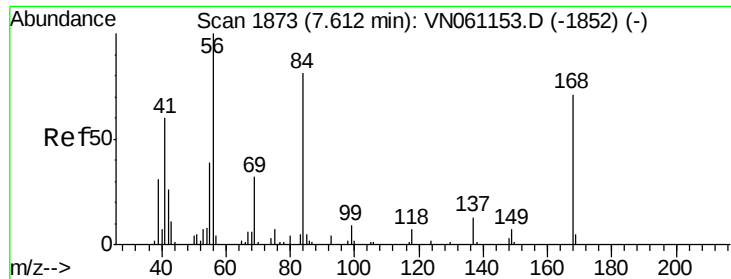
#30
Chloroform
Concen: 52.183 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion: 83 Resp: 114176
Ion Ratio Lower Upper
83 100
85 64.3 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: 42.654 ug/l

RT: 7.61 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :

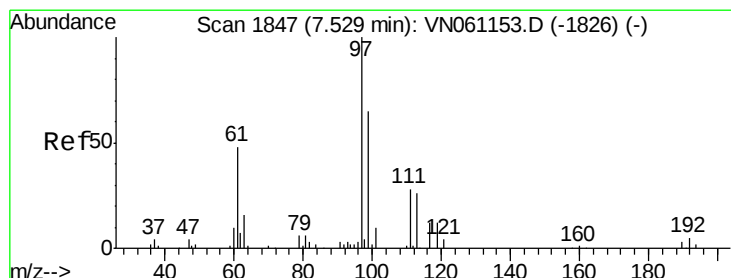
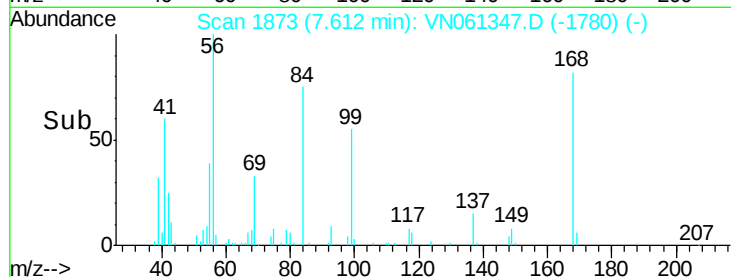
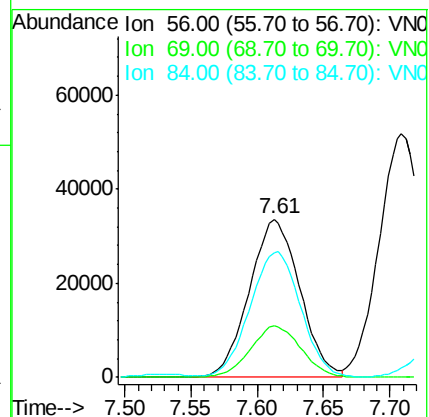
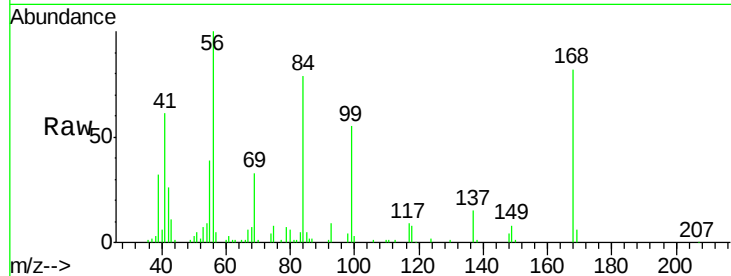
Tot Ion: 56 Resp: 89436

Ion Ratio Lower Upper

56 100

69 32.6 25.7 38.5

84 78.1 64.6 97.0



#32

1,1,1-Trichloroethane

Concen: 51.021 ug/l

RT: 7.53 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

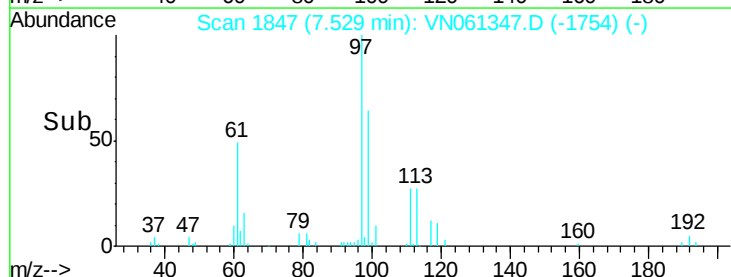
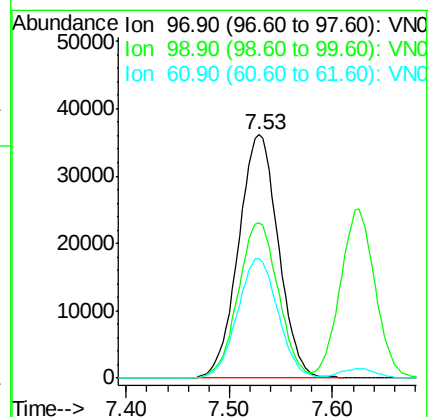
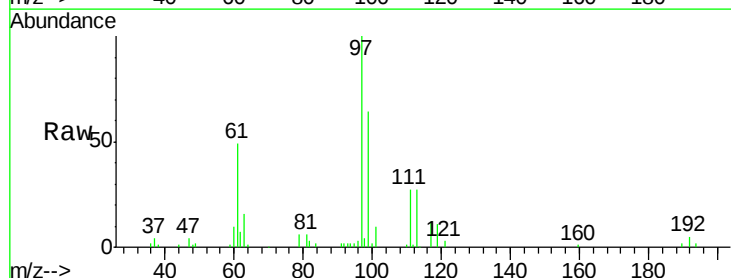
Tgt Ion: 97 Resp: 97208

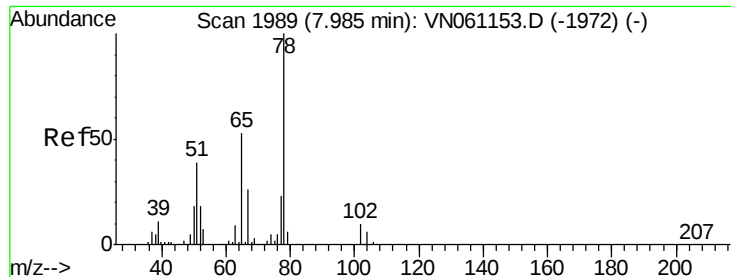
Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 49.8 38.6 57.8

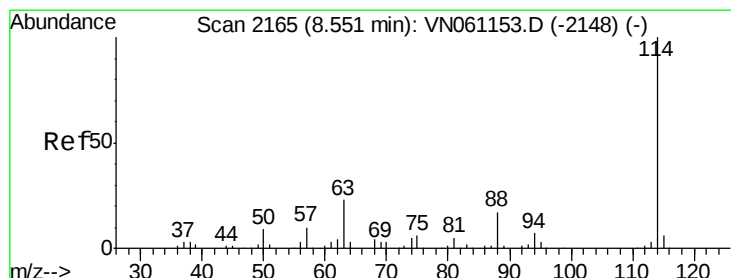
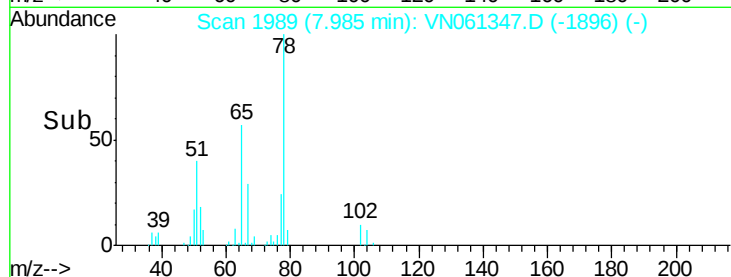
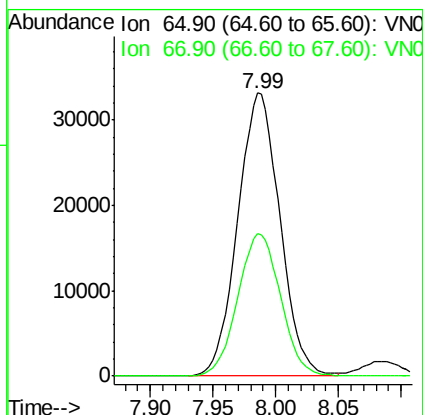
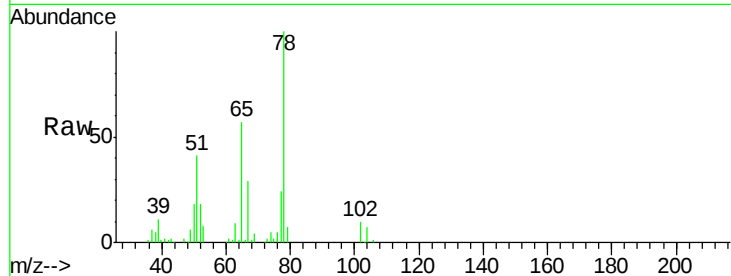




#33
 1,2-Dichloroethane-d4
 Concen: 53.863 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

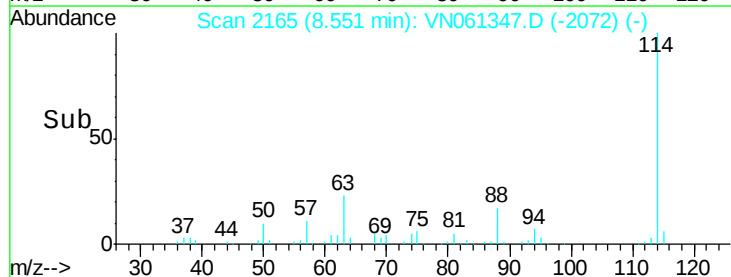
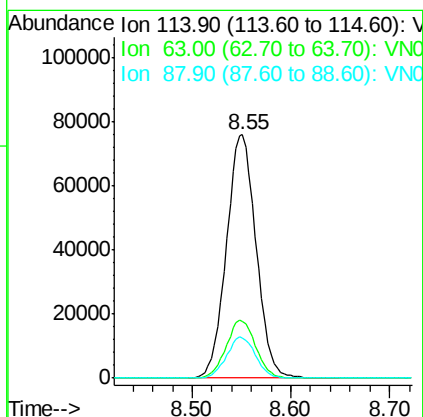
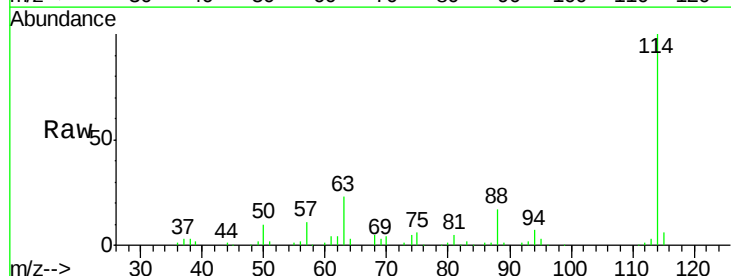
Instrument :
 MSVOA_N
 ClientSampleId :

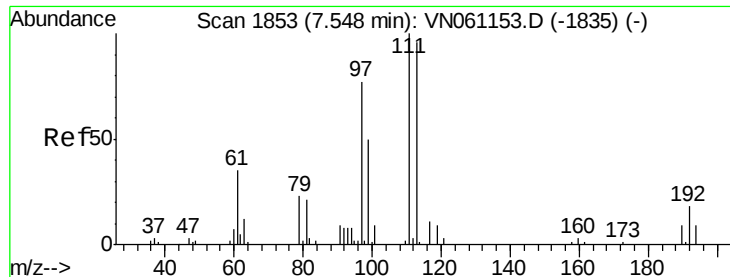
Tot Ion: 65 Resp: 77634
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion: 114 Resp: 159878
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.6
 88 16.7 0.0 33.4

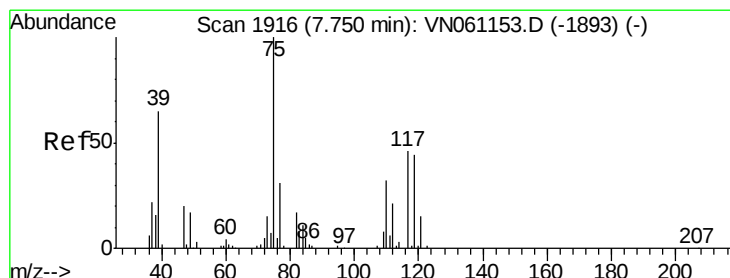
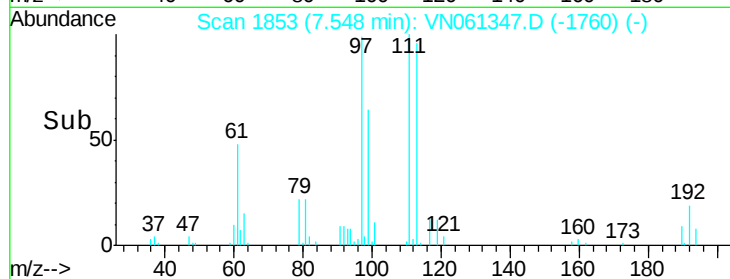
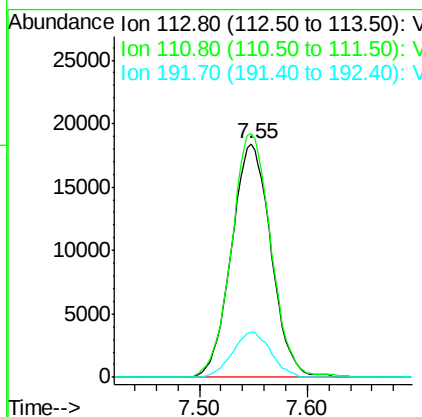
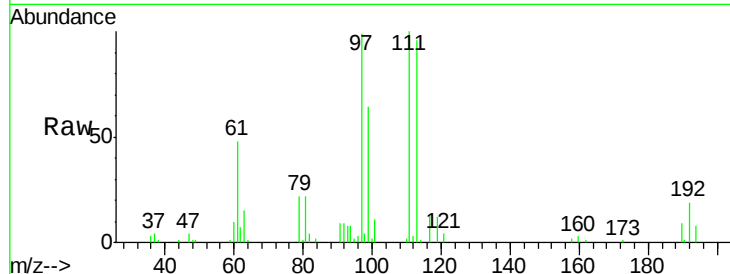




#35
 Dibromofluoromethane
 Concen: 49.789 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

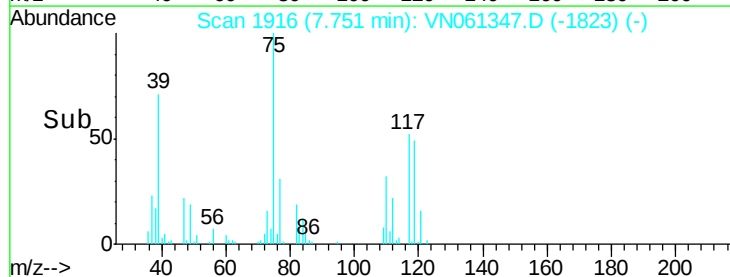
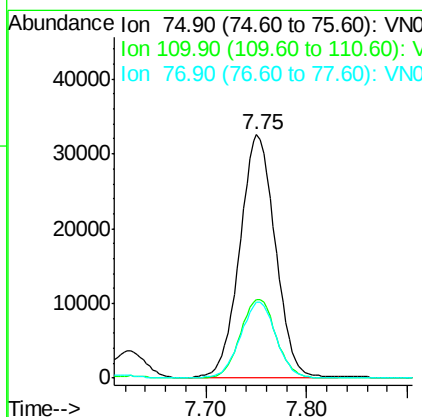
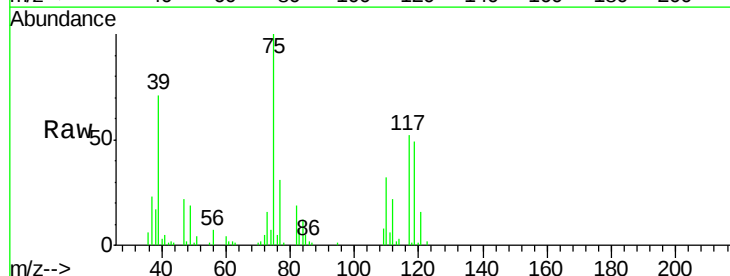
Instrument :
 MSVOA_N
 ClientSampled :

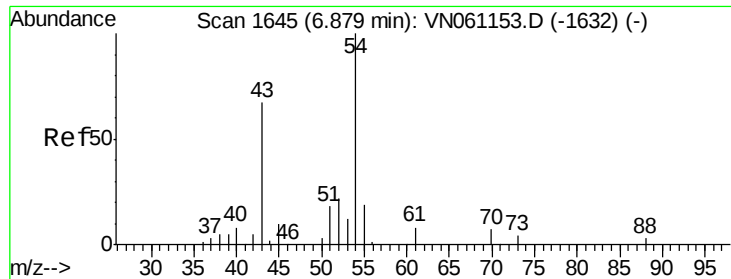
Tot Ion:113 Resp: 47070
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.9 124.3
 192 18.7 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 49.734 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion: 75 Resp: 79597
 Ion Ratio Lower Upper
 75 100
 110 32.2 16.0 48.0
 77 31.2 24.6 37.0

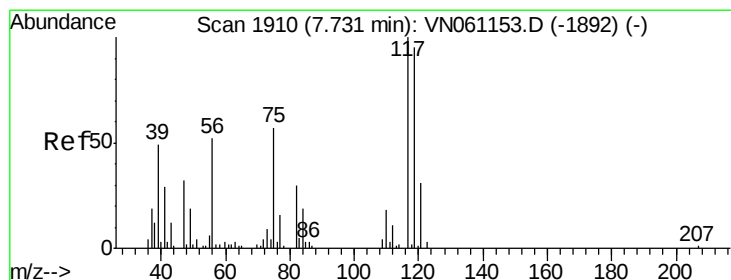
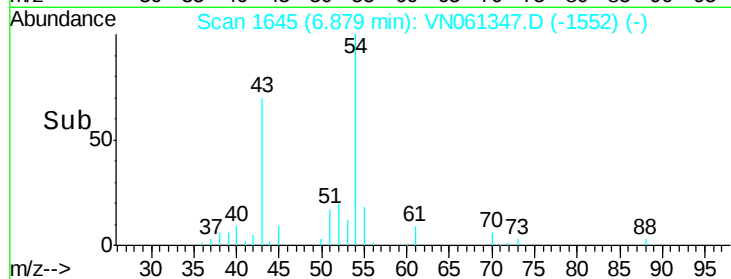
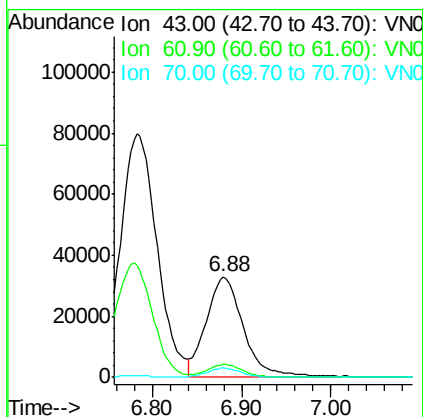
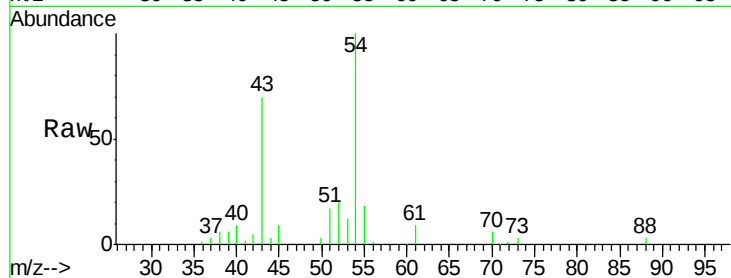




#37
Ethyl Acetate
Concen: 49.781 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

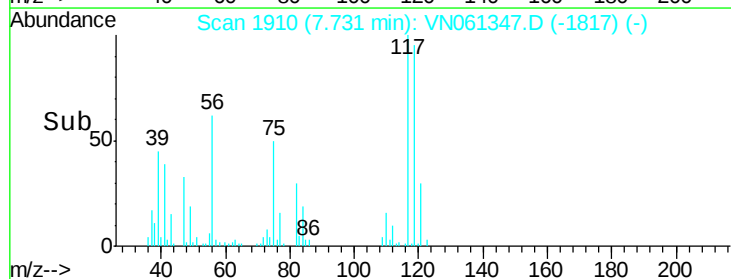
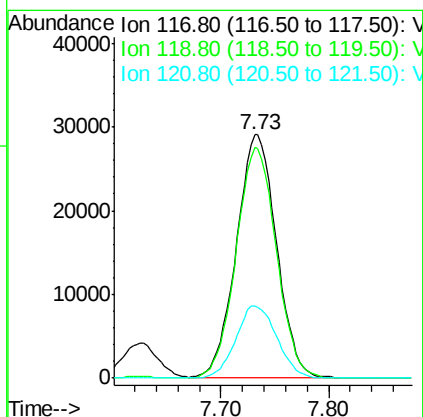
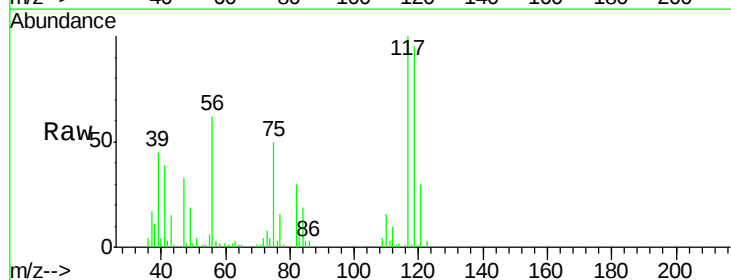
Instrument :
MSVOA_N
ClientSampled :

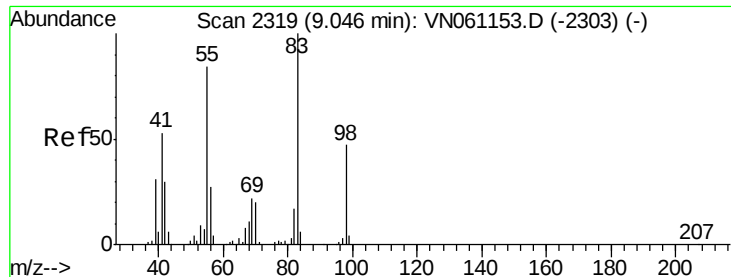
Tot Ion: 43 Resp: 93403
Ion Ratio Lower Upper
43 100
61 12.5 10.2 15.2
70 8.7 7.2 10.8



#38
Carbon Tetrachloride
Concen: 51.502 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion: 117 Resp: 75309
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.6
121 29.5 24.7 37.1

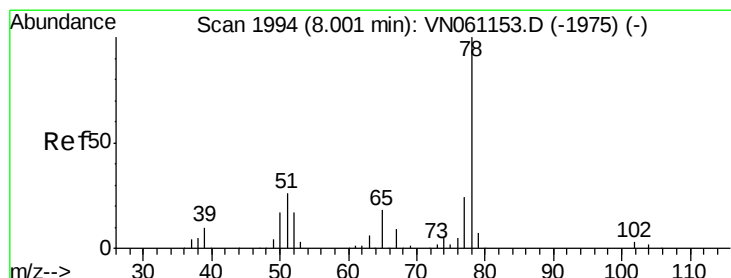
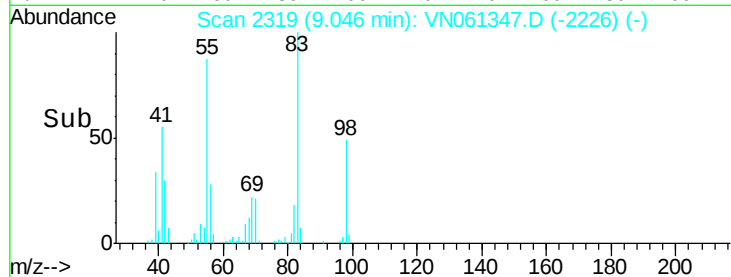
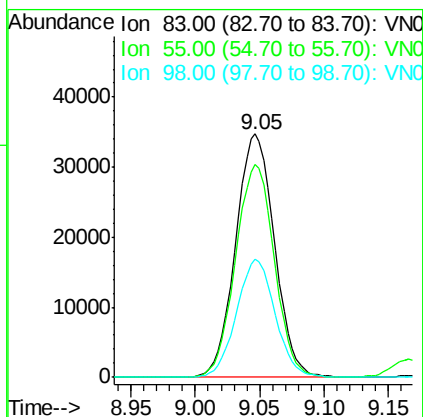
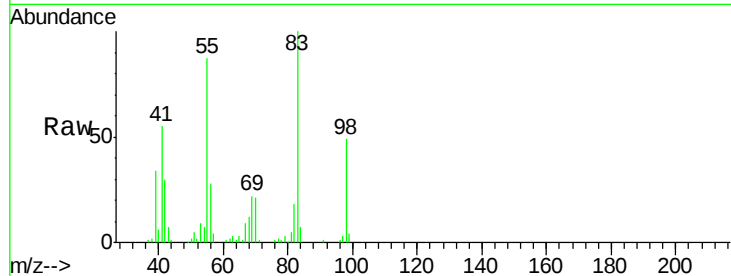




#39
Methvlcvclohexane
Concen: 40.601 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

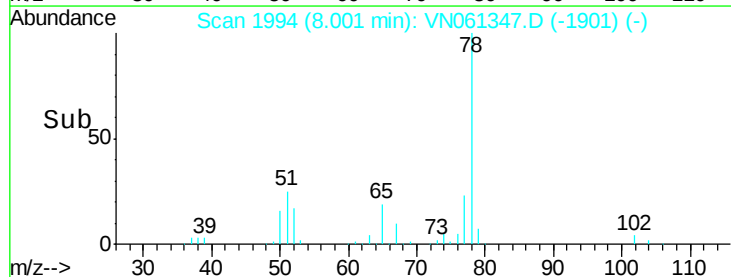
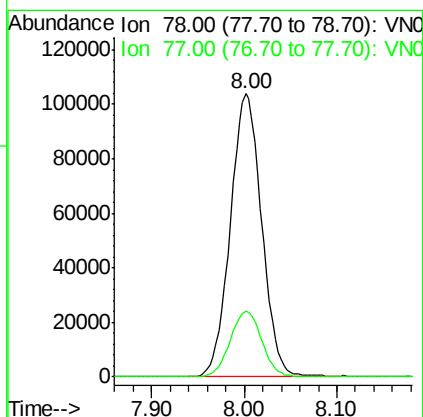
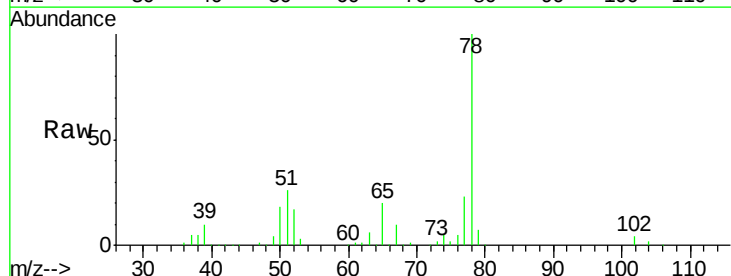
Instrument :
MSVOA_N
ClientSampleId :

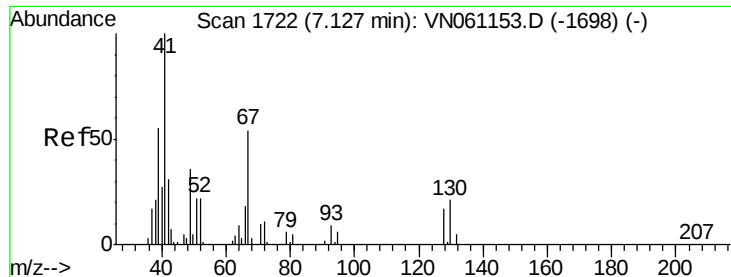
Tot Ion: 83 Resp: 72873
Ion Ratio Lower Upper
83 100
55 87.4 67.3 100.9
98 48.6 37.7 56.5



#40
Benzene
Concen: 51.066 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion: 78 Resp: 243492
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6

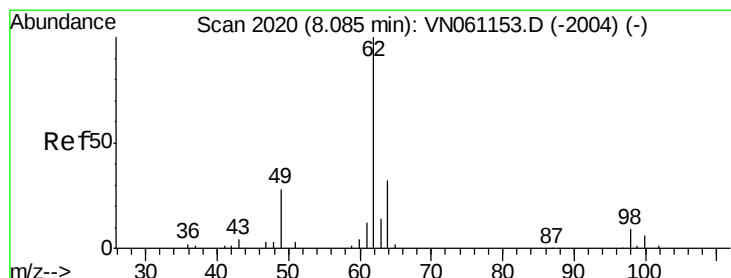
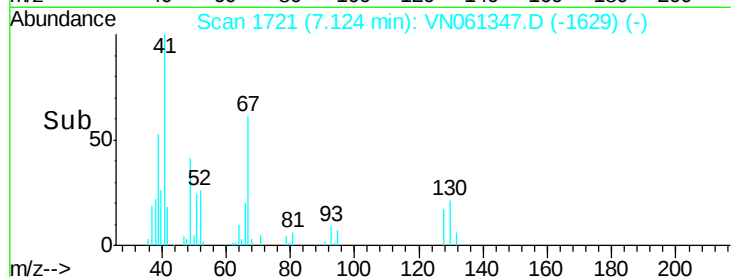
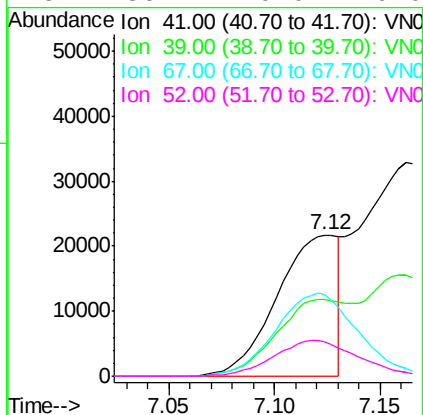
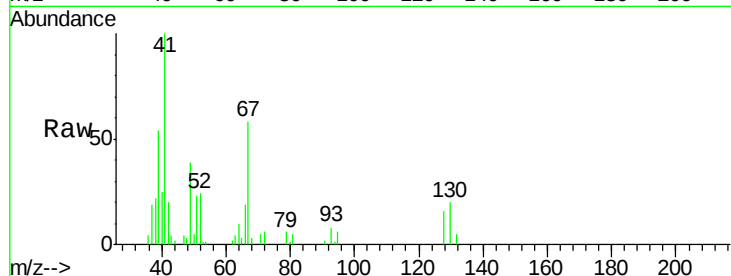




#41
Methacrylonitrile
Concen: 55.839 ug/l
RT: 7.12 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

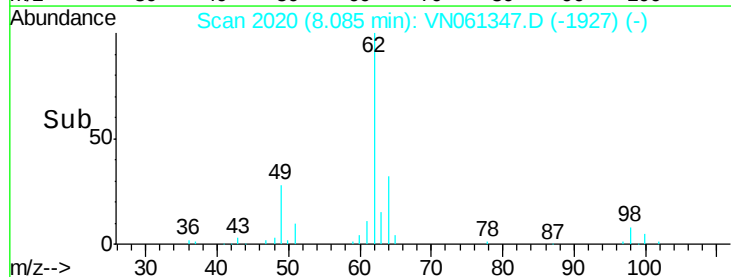
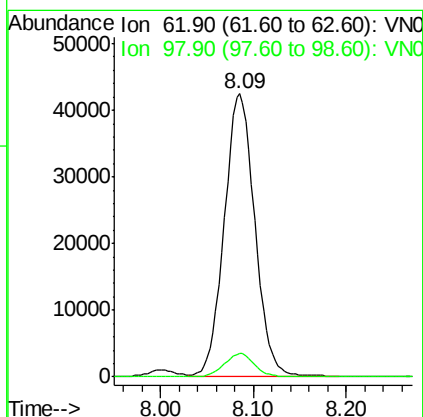
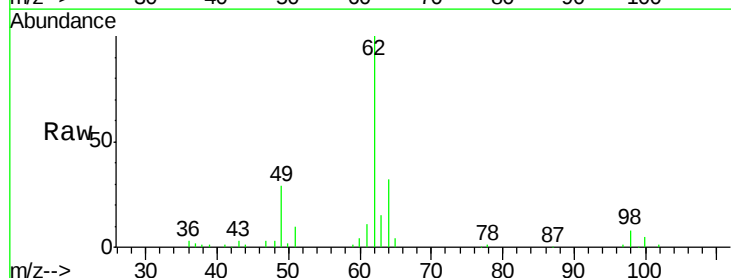
Instrument :
MSVOA_N
ClientSampled :

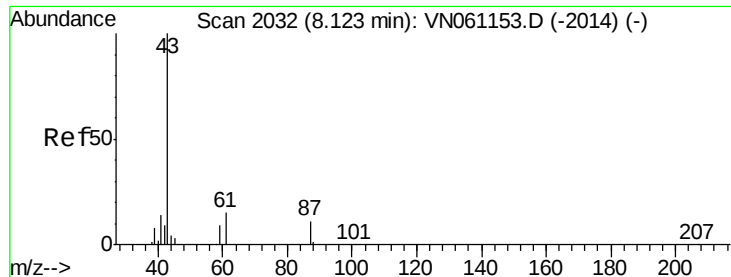
Tot Ion:	41	Resp:	43500
Ion	Ratio	Lower	Upper
41	100		
39	64.5	0.0	0.0#
67	80.2	0.0	0.0#
52	36.1	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 53.967 ug/l
RT: 8.09 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion:	62	Resp:	97483
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.8





#43

Isopropyl Acetate

Concen: 50.720 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

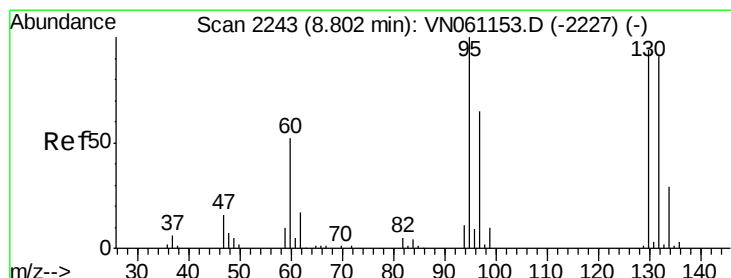
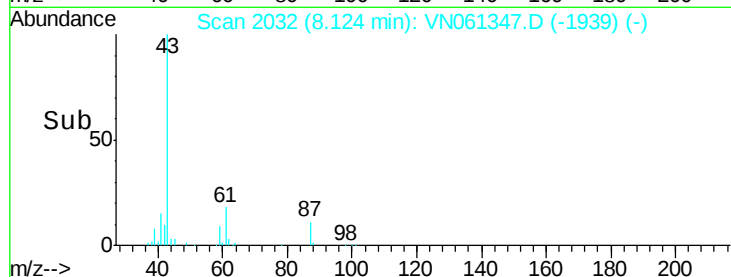
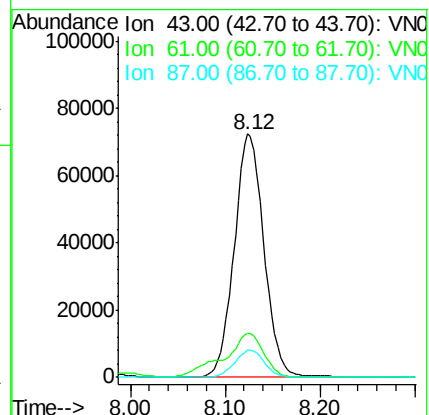
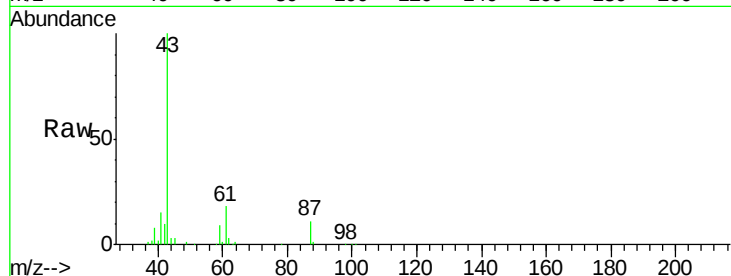
Tot Ion: 43 Resp: 157936

Ion Ratio Lower Upper

43 100

61 24.4 19.5 29.3

87 11.2 8.9 13.3



#44

Trichloroethene

Concen: 50.079 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061347.D

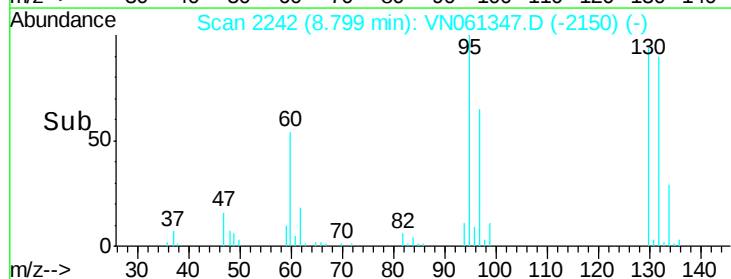
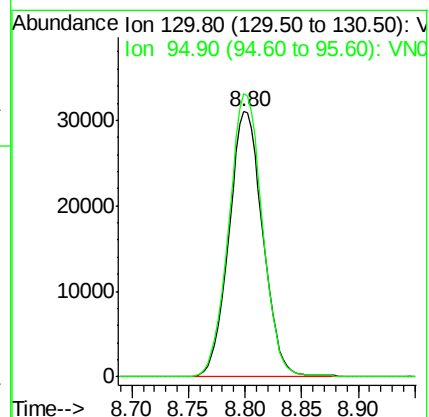
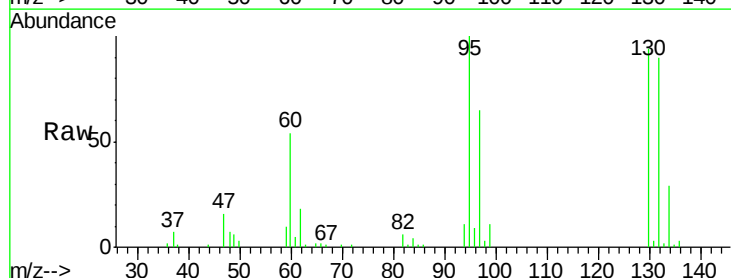
Acq: 7 May 2020 20:21

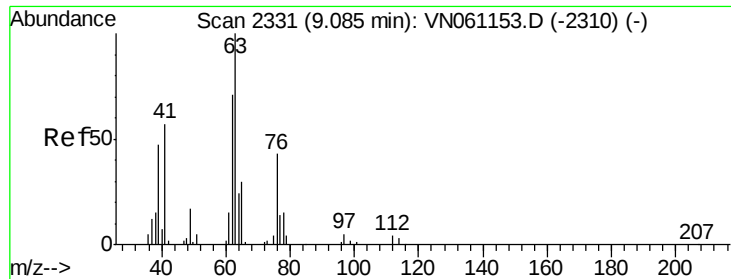
Tgt Ion: 130 Resp: 64550

Ion Ratio Lower Upper

130 100

95 106.7 0.0 212.4

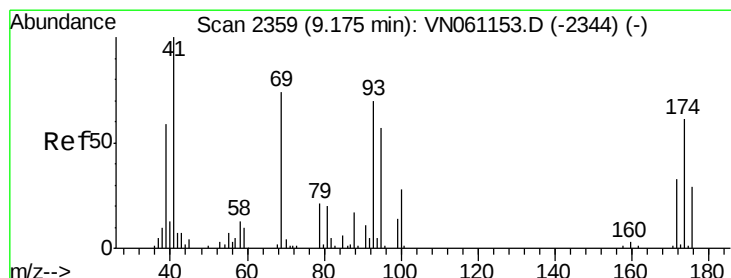
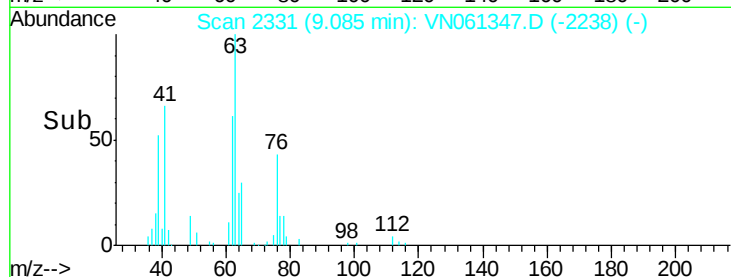
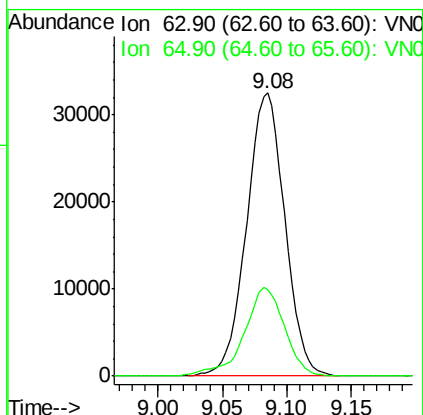
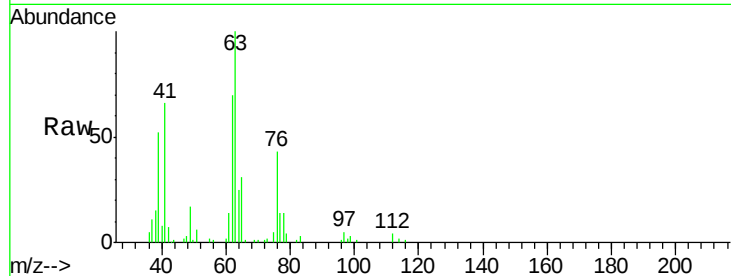




#45
 1,2-Dichloropropane
 Concen: 52.941 ug/l
 RT: 9.08 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

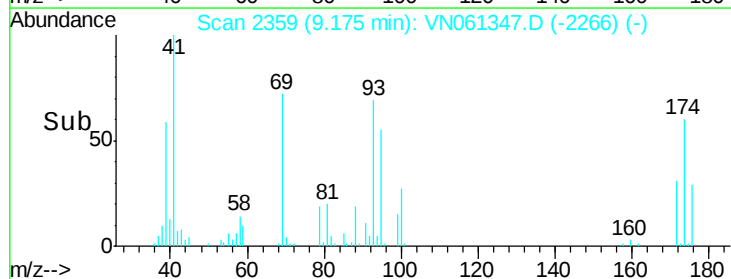
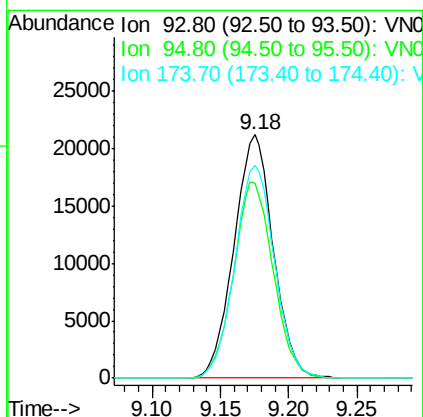
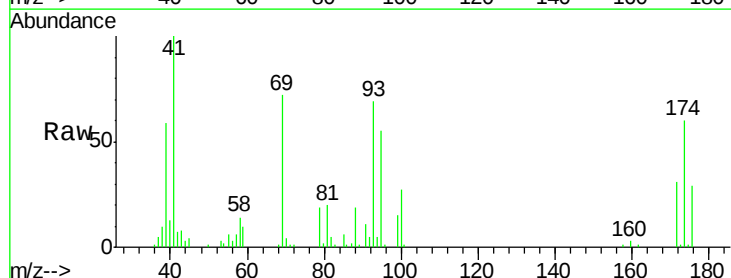
Instrument :
 MSVOA_N
 ClientSampleId :

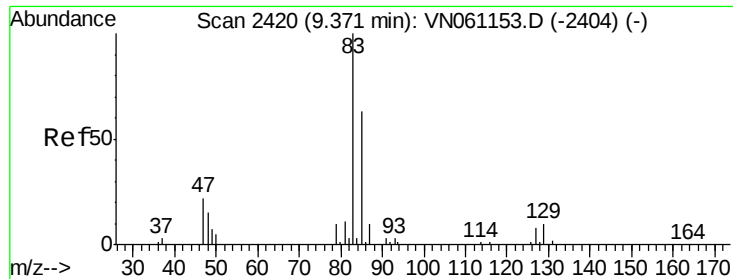
Tot Ion: 63 Resp: 67439
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1



#46
 Dibromomethane
 Concen: 53.671 ug/l
 RT: 9.18 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion: 93 Resp: 42332
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.6 99.8
 174 88.4 70.2 105.2





#47

Bromodichloromethane

Concen: 54.126 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampled :

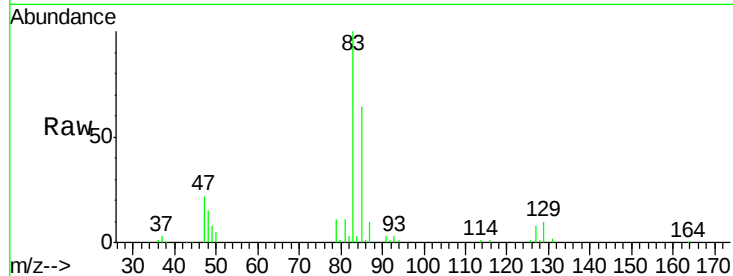
Tot Ion: 83 Resp: 91631

Ion Ratio Lower Upper

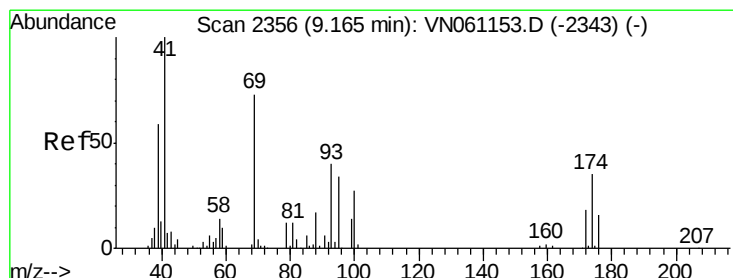
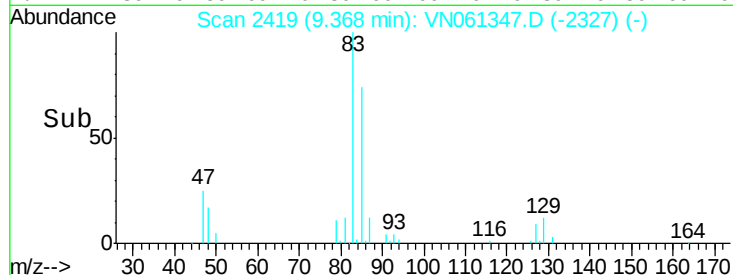
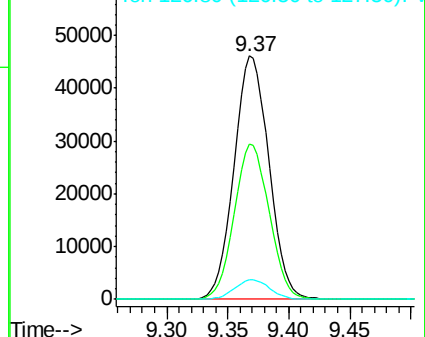
83 100

85 63.6 50.4 75.6

127 8.1 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.003 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

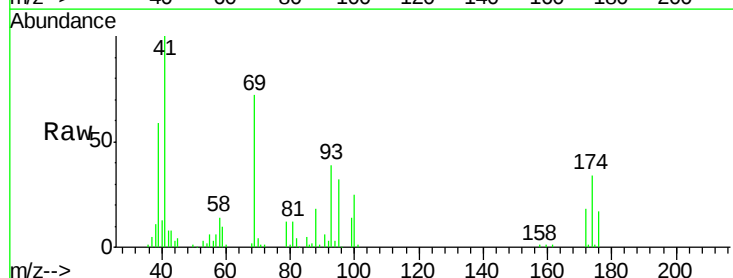
Tgt Ion: 41 Resp: 78692

Ion Ratio Lower Upper

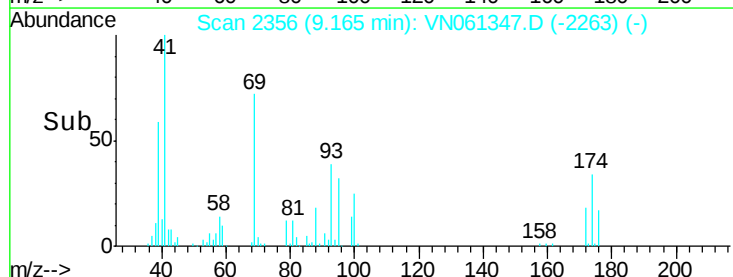
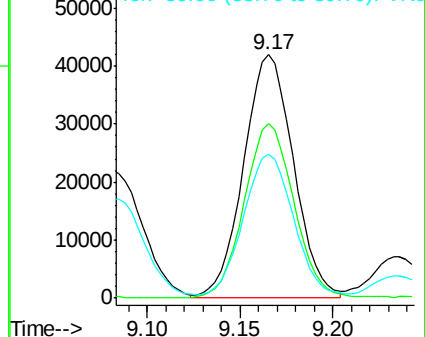
41 100

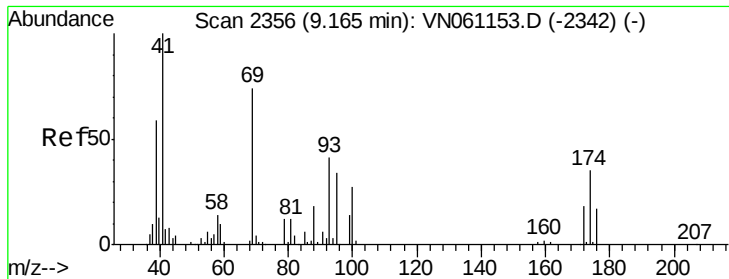
69 71.3 60.3 90.5

39 60.1 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

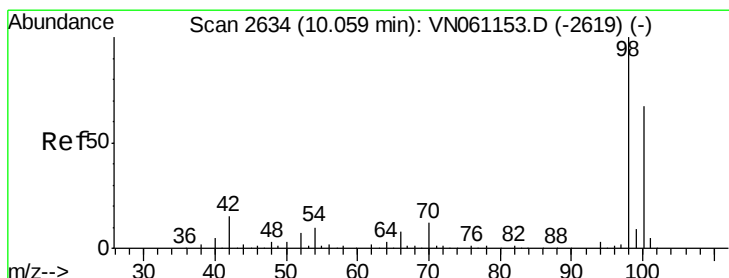
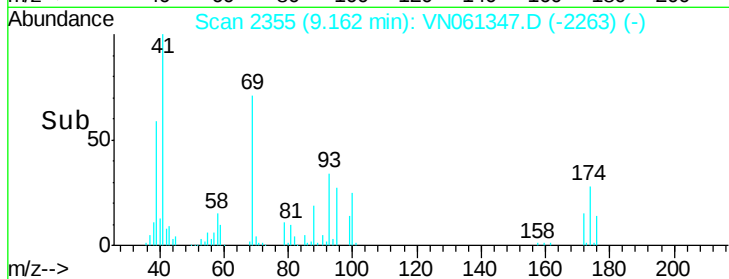
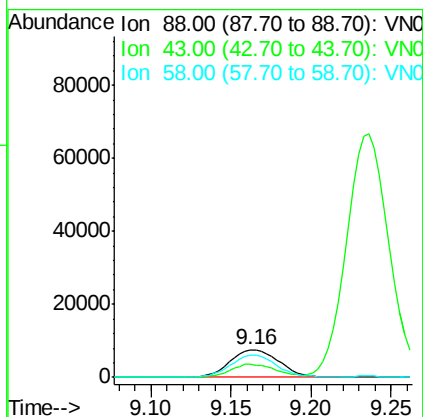
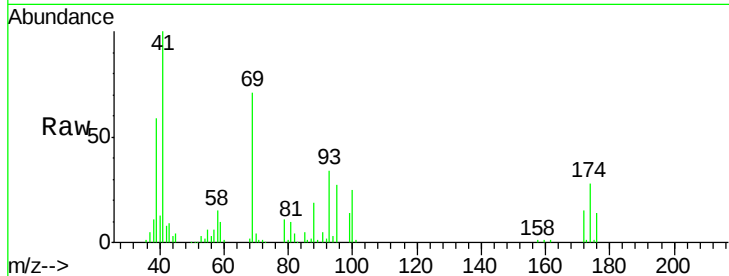




#49
1,4-Dioxane
Concen: 996.609 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

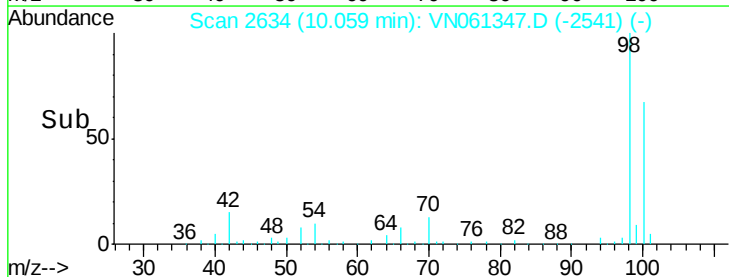
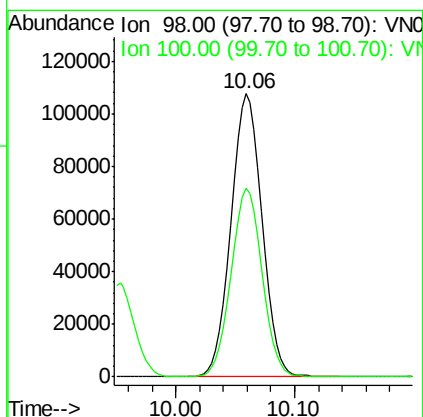
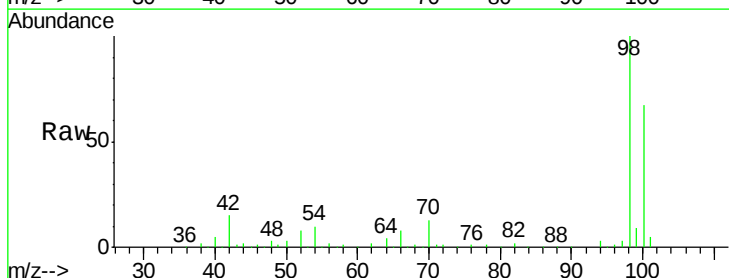
Instrument :
MSVOA_N
ClientSampleId :

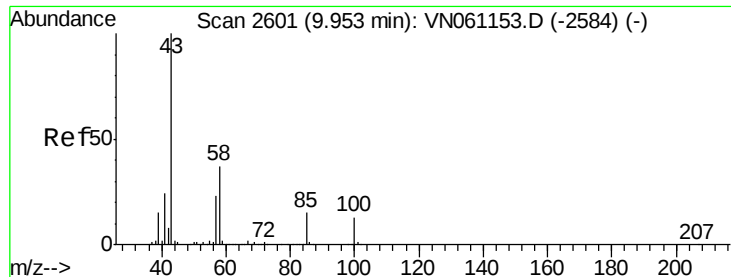
Tot Ion: 88 Resp: 15896
Ion Ratio Lower Upper
88 100
43 44.8 35.3 52.9
58 76.4 61.5 92.3



#50
Toluene-d8
Concen: 50.683 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion: 98 Resp: 195329
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 272.053 ug/l

RT: 9.95 min Scan# 2601

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

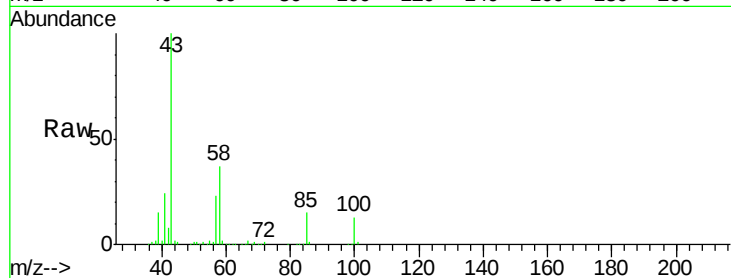
ClientSampled :

Tot Ion: 43 Resp: 498639

Ion Ratio Lower Upper

43 100

58 36.3 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

9.95

300000

250000

200000

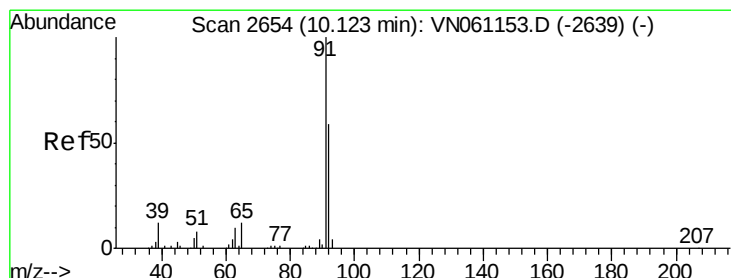
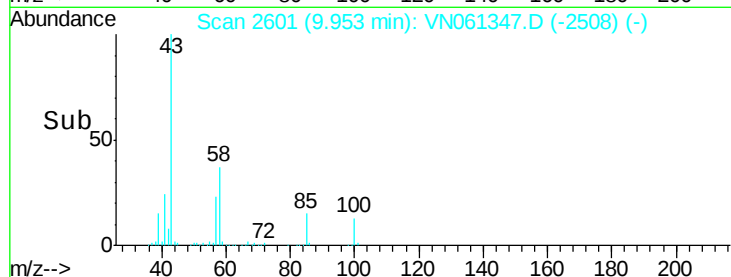
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 50.685 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061347.D

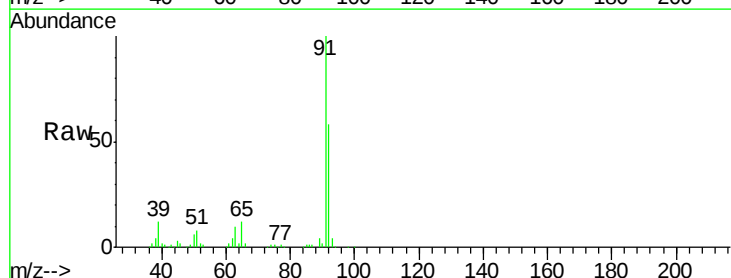
Acq: 7 May 2020 20:21

Tgt Ion: 92 Resp: 145566

Ion Ratio Lower Upper

92 100

91 171.5 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VN061153.D (-2639) (-)

Ion 91.00 (90.70 to 91.70): VN061153.D (-2639) (-)

10.12

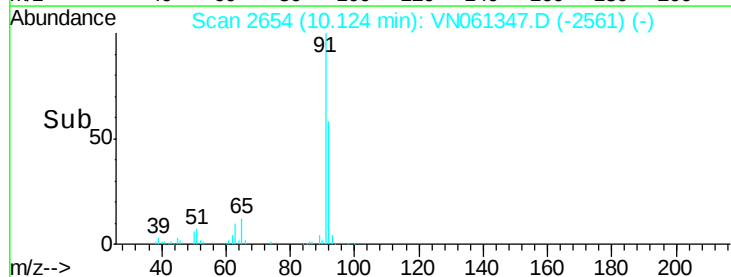
150000

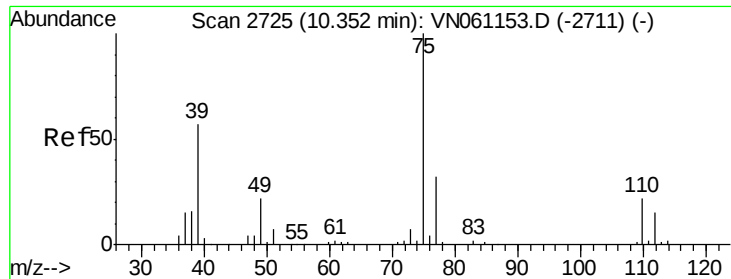
100000

50000

0

Time-->

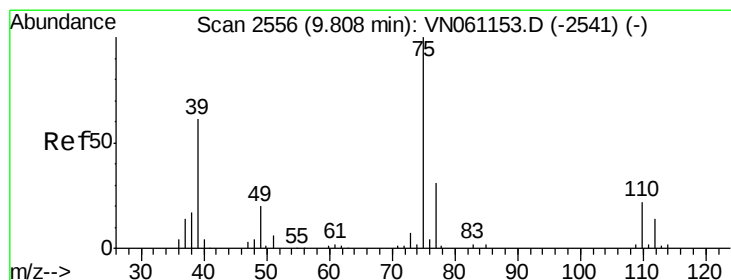
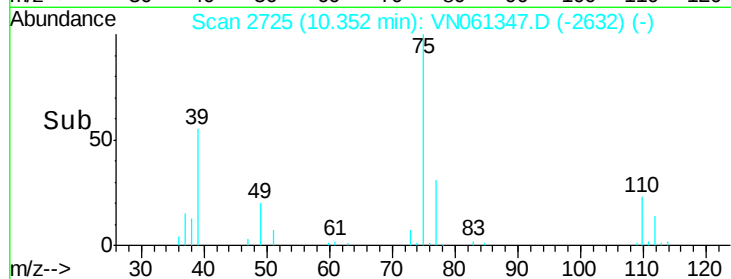
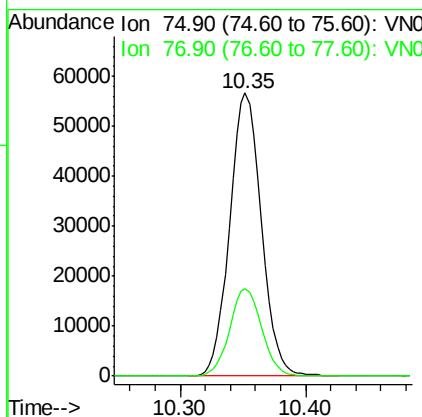
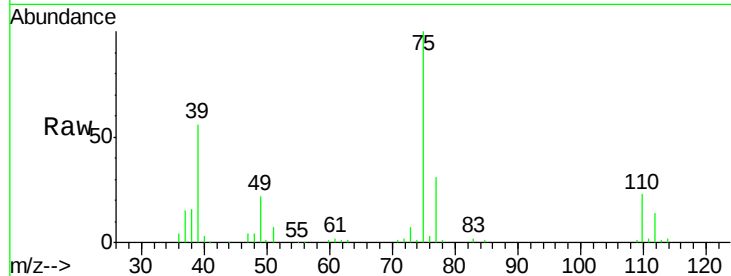




#53
t-1,3-Dichloropropene
Concen: 52.112 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

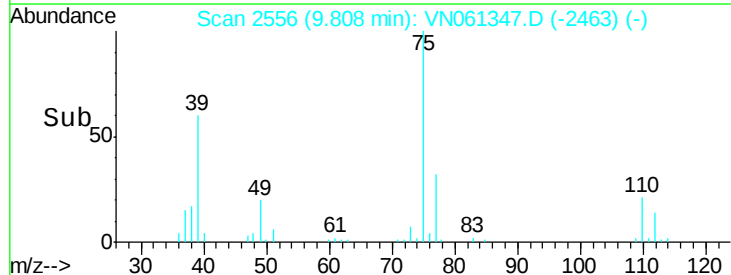
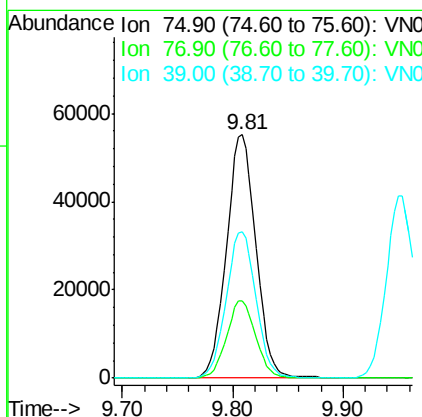
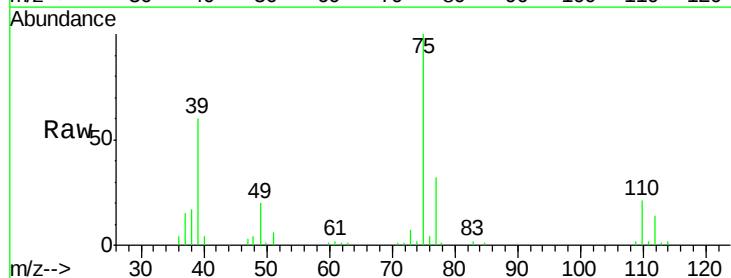
Instrument :
MSVOA_N
ClientSampleId :

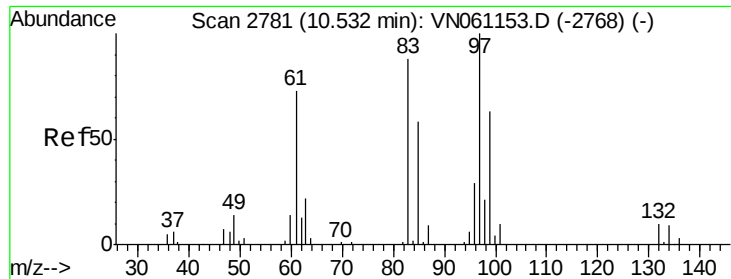
Tot Ion: 75 Resp: 99408
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 50.596 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion: 75 Resp: 102036
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4
39 60.1 48.7 73.1

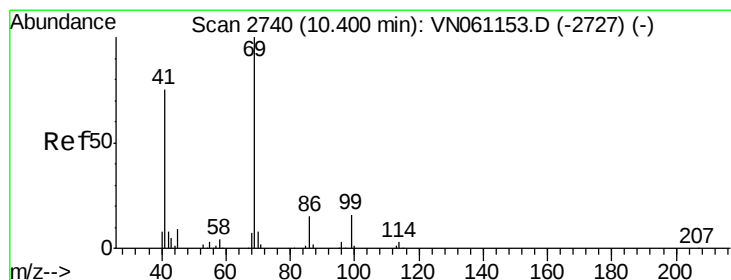
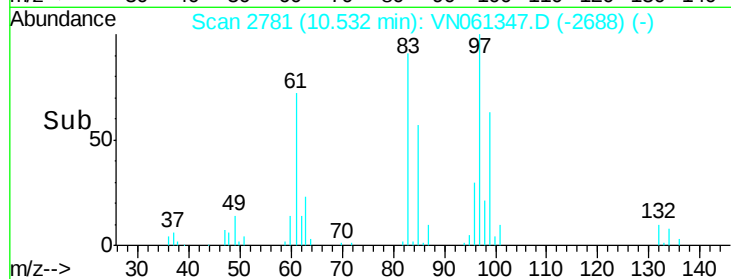
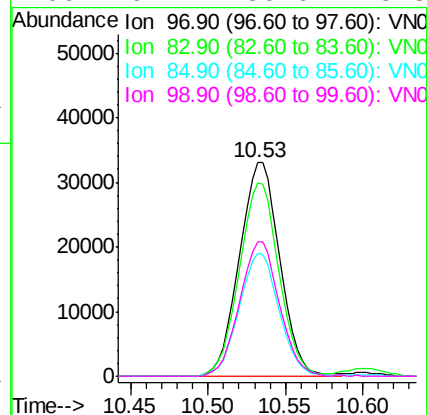
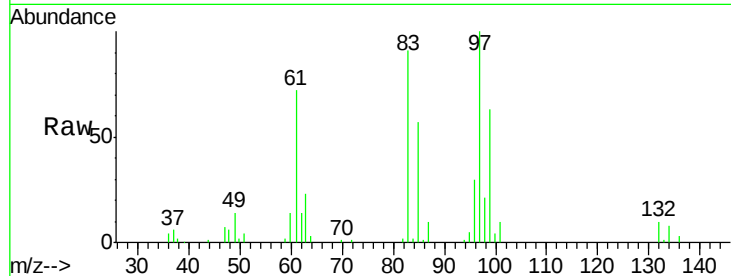




#55
 1,1,2-Trichloroethane
 Concen: 52.357 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

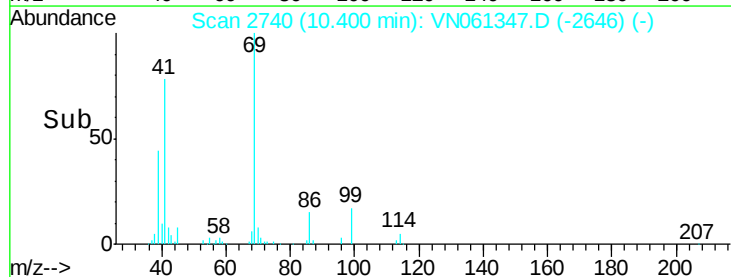
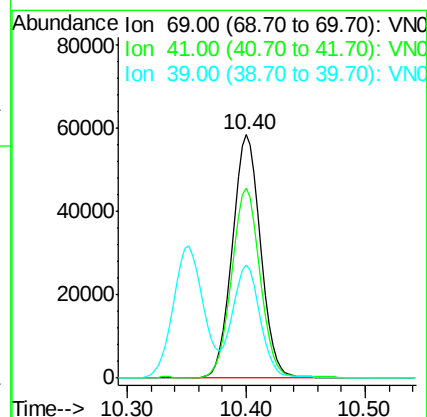
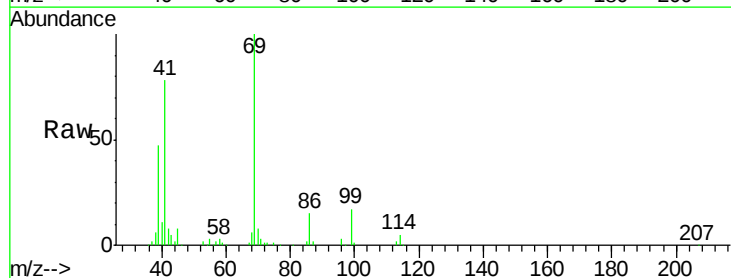
Instrument :
 MSVOA_N
 ClientSampled :

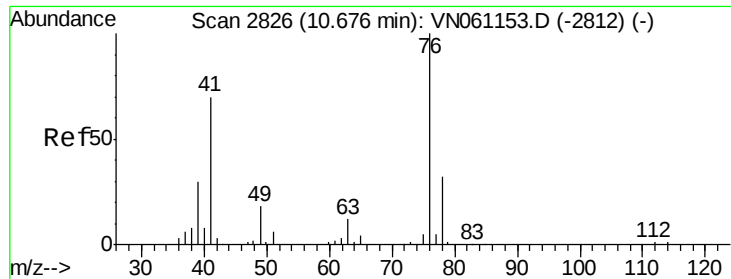
Tot Ion: 97 Resp: 59978
 Ion Ratio Lower Upper
 97 100
 83 90.7 70.6 106.0
 85 57.5 46.4 69.6
 99 62.7 50.6 75.8



#56
 Ethyl methacrylate
 Concen: 48.259 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion: 69 Resp: 96135
 Ion Ratio Lower Upper
 69 100
 41 77.6 60.3 90.5
 39 45.5 35.9 53.9

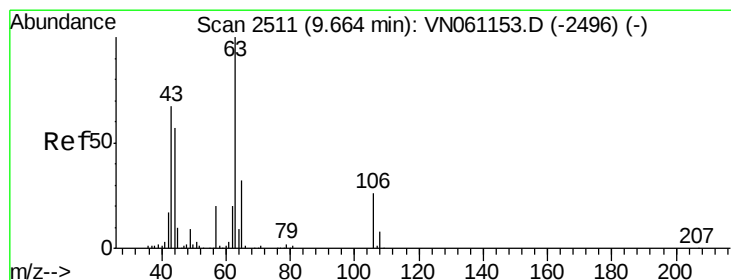
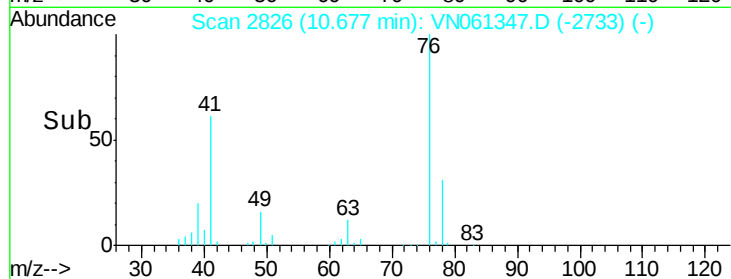
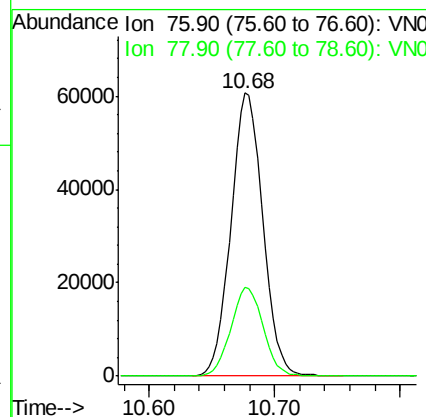
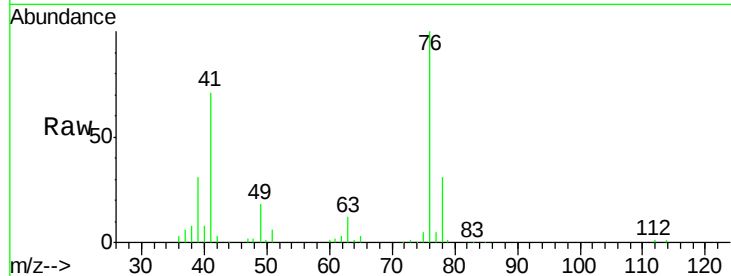




#57
 1,3-Dichloropropane
 Concen: 53.442 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

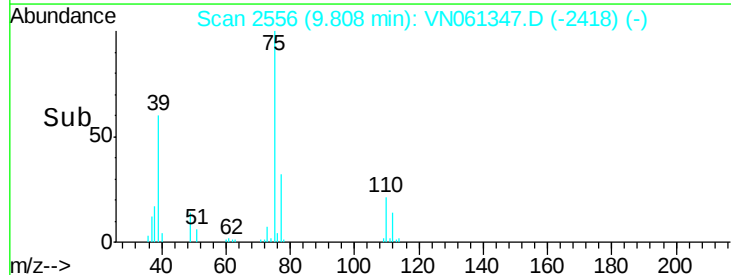
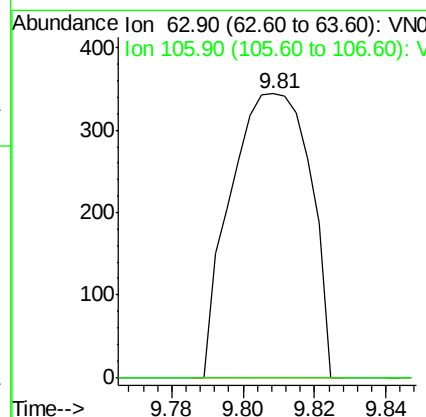
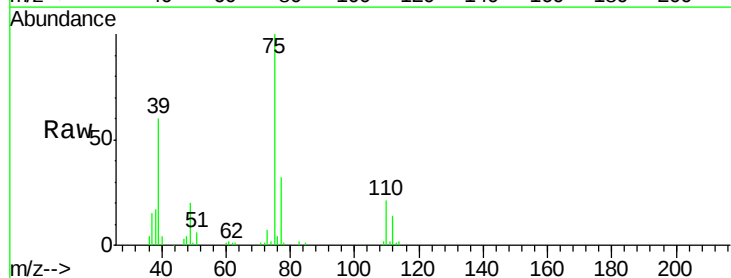
Instrument :
 MSVOA_N
 ClientSampleId :

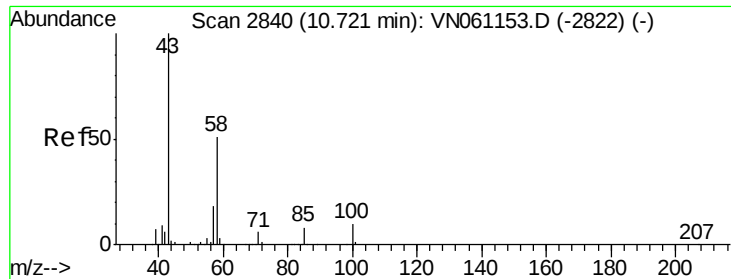
Tot Ion: 76 Resp: 107610
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.570 ug/l
 RT: 9.81 min Scan# 2556
 Delta R.T. 0.14 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion: 63 Resp: 529
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.6 30.8#

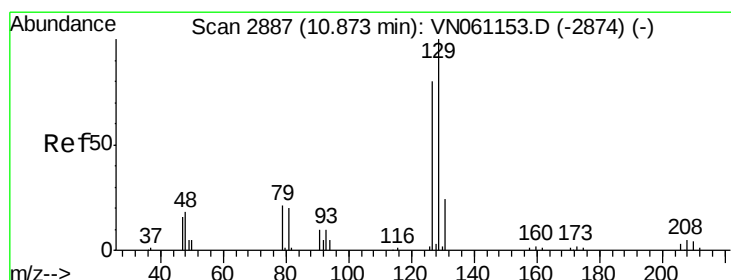
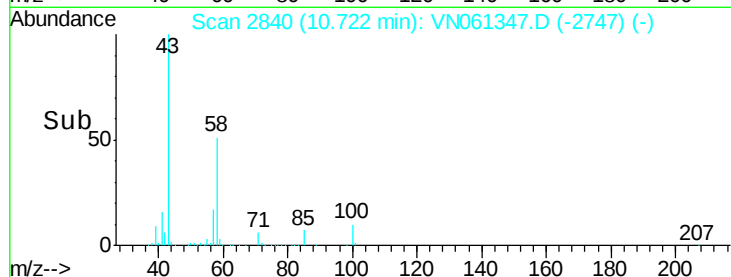
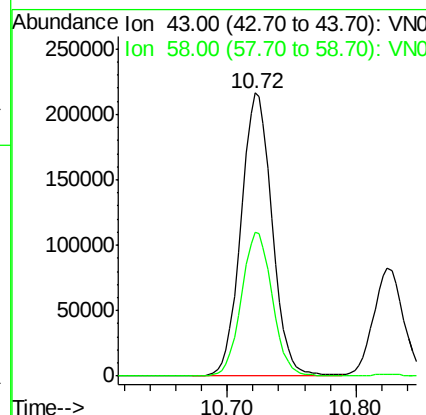
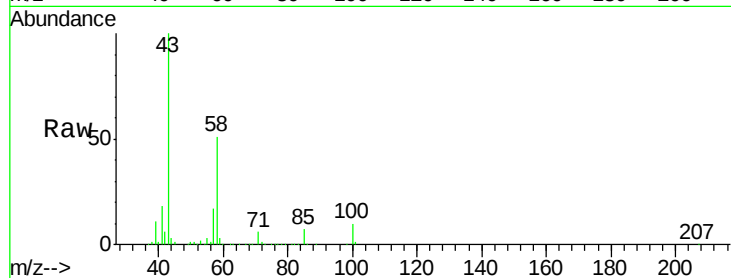




#59
2-Hexanone
Concen: 271.710 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

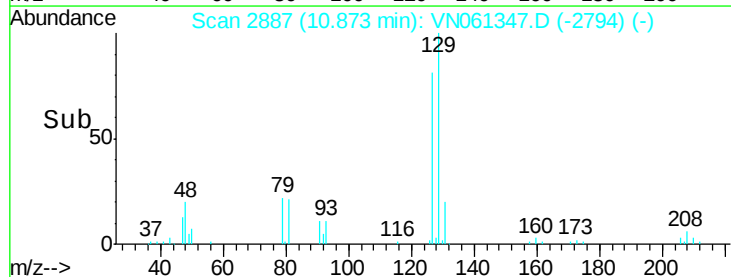
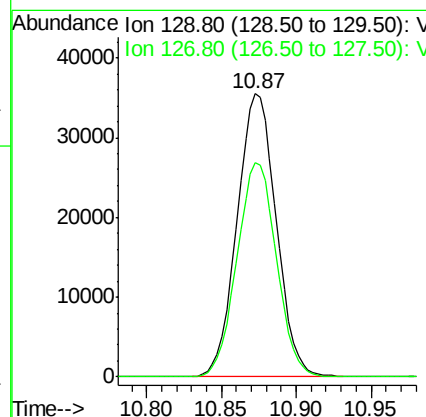
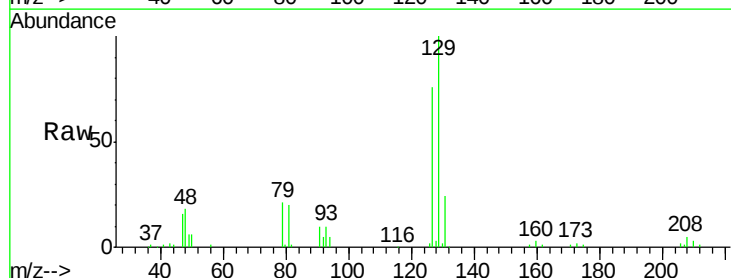
Instrument :
MSVOA_N
ClientSampleId :

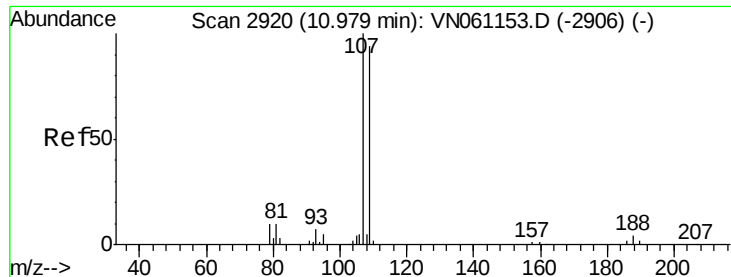
Tot Ion: 43 Resp: 362312
Ion Ratio Lower Upper
43 100
58 50.6 25.4 76.4



#60
Dibromochloromethane
Concen: 53.854 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion: 129 Resp: 64614
Ion Ratio Lower Upper
129 100
127 76.3 39.3 117.8

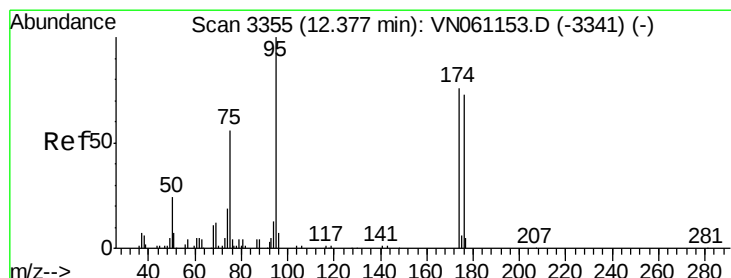
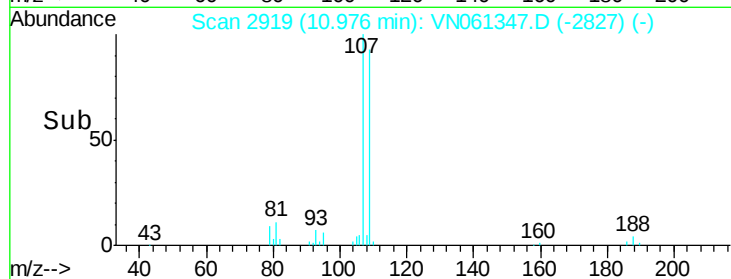
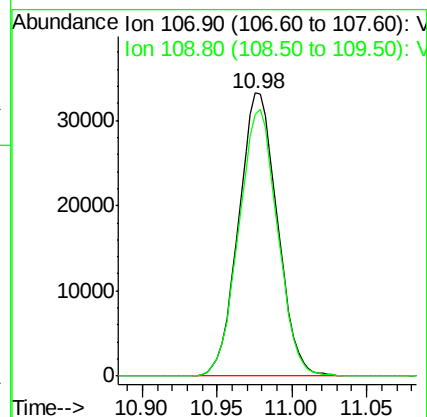
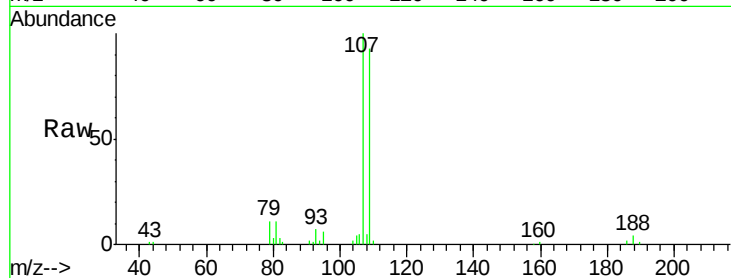




#61
 1,2-Dibromoethane
 Concen: 52.139 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

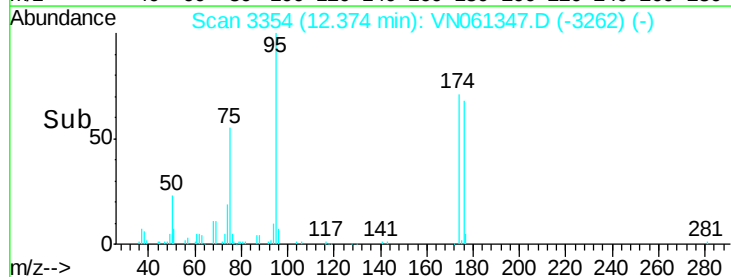
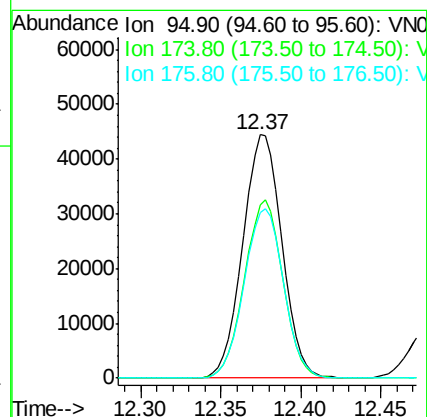
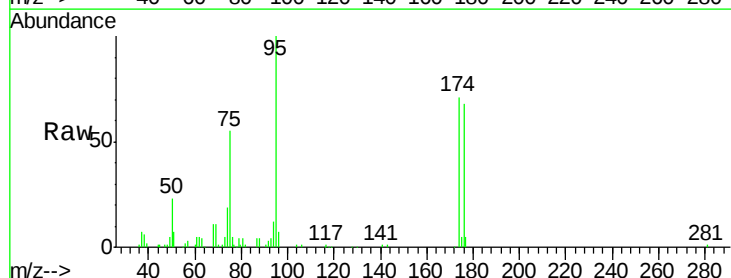
Instrument :
 MSVOA_N
 ClientSampleId :

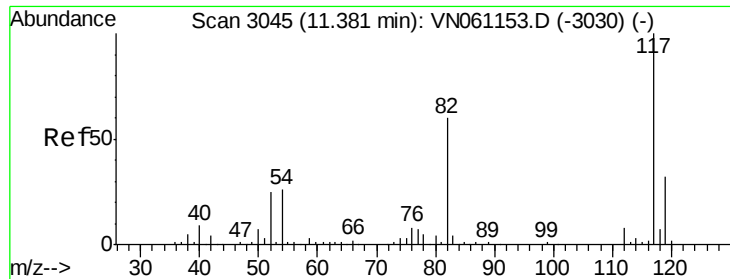
Tot Ion:107 Resp: 59865
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 51.253 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion: 95 Resp: 74332
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 149.4
 176 70.0 0.0 144.8

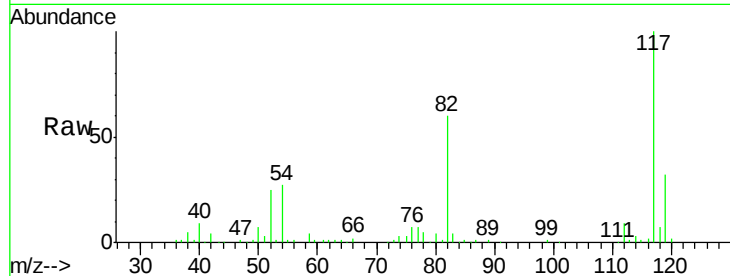




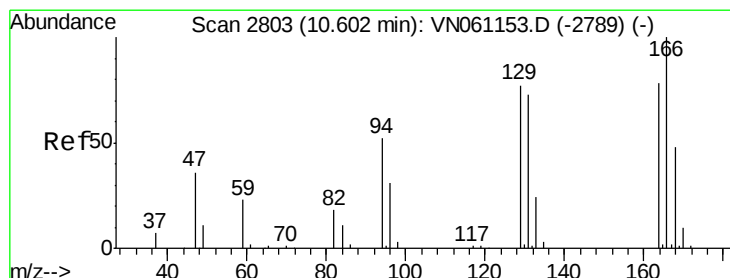
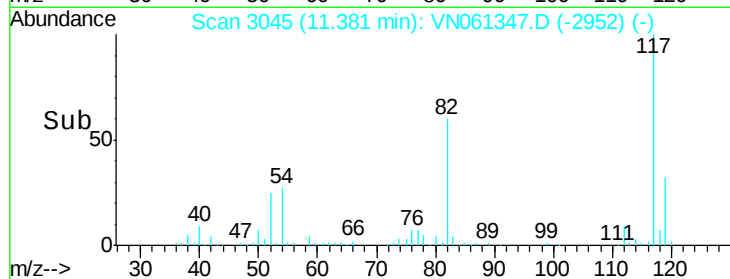
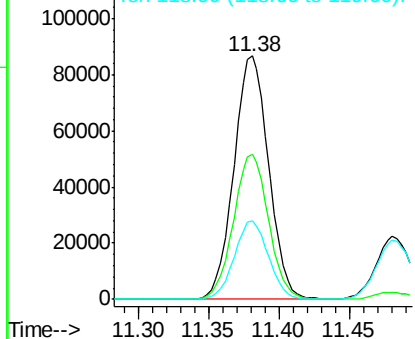
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 149417
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 32.3 25.8 38.6

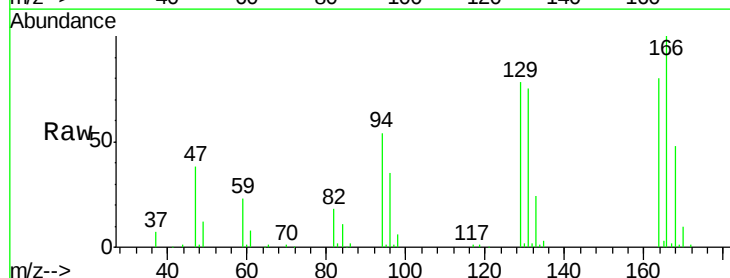


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

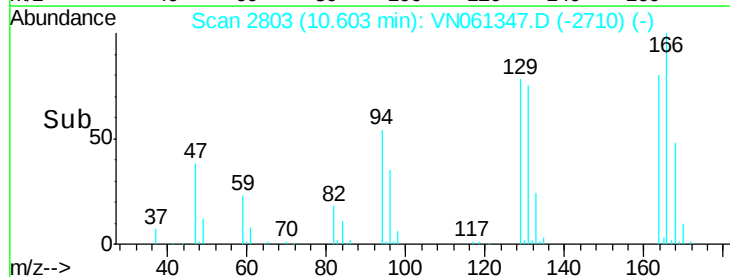
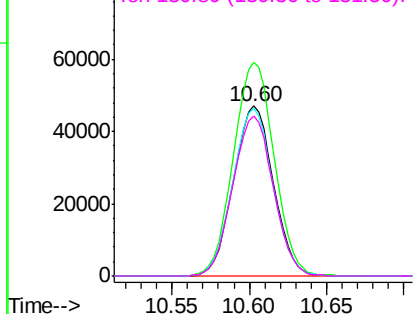


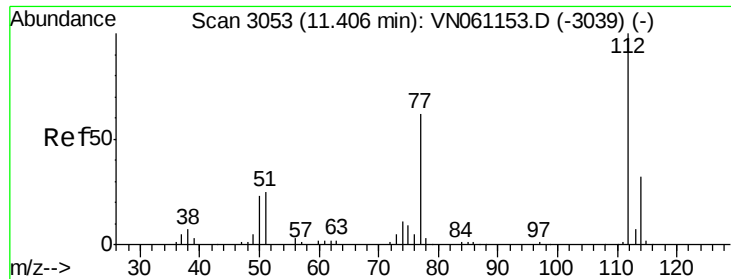
#64
Tetrachloroethene
Concen: 65.084 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion:164 Resp: 84226
Ion Ratio Lower Upper
164 100
166 125.5 102.0 153.0
129 98.3 78.2 117.2
131 94.1 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

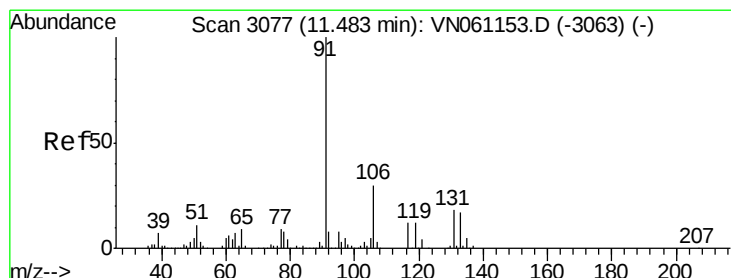
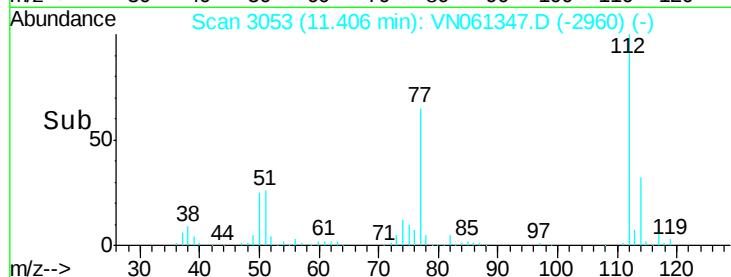
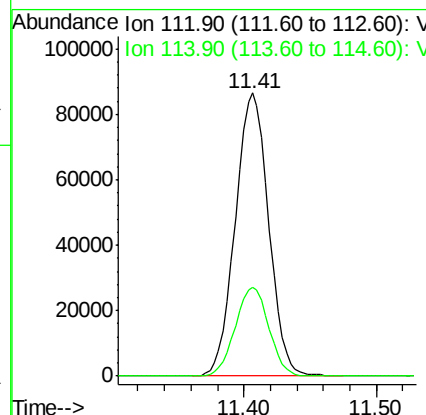
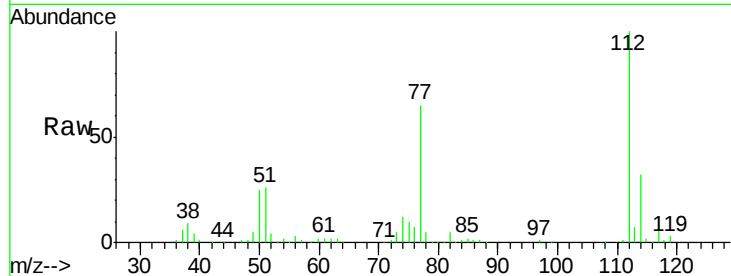




#65
Chlorobenzene
Concen: 50.883 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

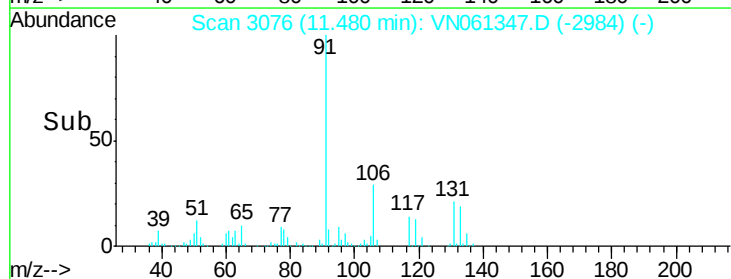
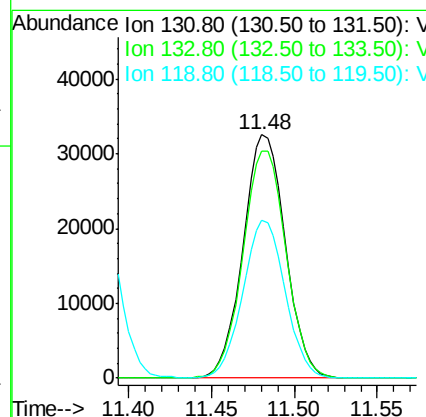
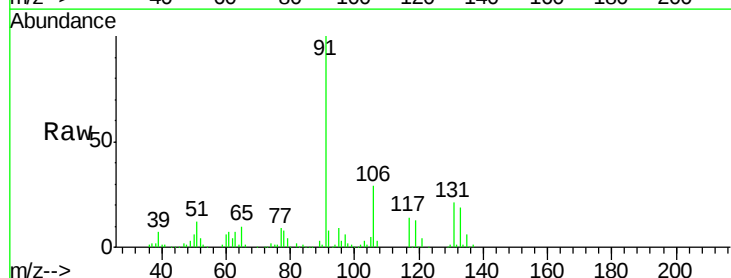
Instrument :
MSVOA_N
ClientSampled :

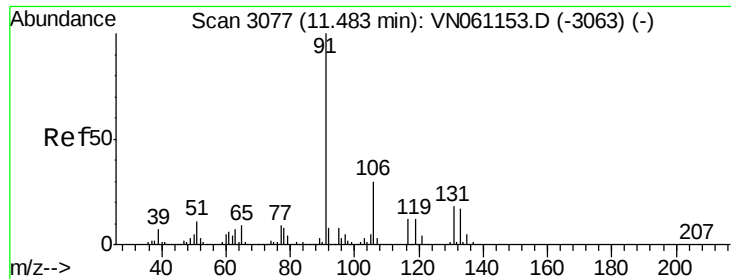
Tot Ion:112 Resp: 150815
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.472 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion:131 Resp: 57785
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.2
119 64.6 32.6 97.8





#67

Ethyl Benzene

Concen: 50.582 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

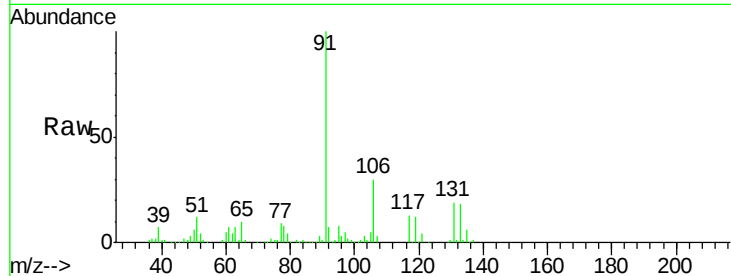
ClientSampled :

Tot Ion: 91 Resp: 280651

Ion Ratio Lower Upper

91 100

106 29.7 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3063) (-)

Ion 106.00 (105.70 to 106.70): VN061153.D (-3063) (-)

250000

200000

150000

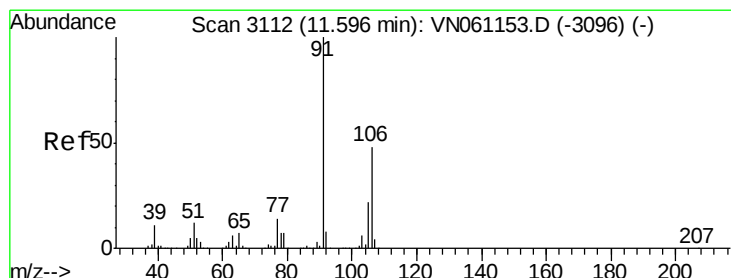
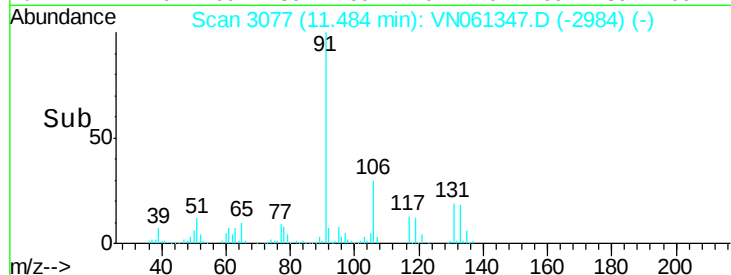
100000

50000

0

11.40 11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 100.456 ug/l

RT: 11.59 min Scan# 3111

Delta R.T. -0.00 min

Lab File: VN061347.D

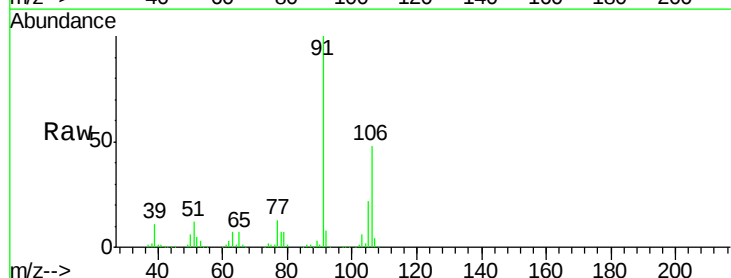
Acq: 7 May 2020 20:21

Tgt Ion: 106 Resp: 204015

Ion Ratio Lower Upper

106 100

91 210.9 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): VN061153.D (-3096) (-)

Ion 91.00 (90.70 to 91.70): VN061153.D (-3096) (-)

250000

200000

150000

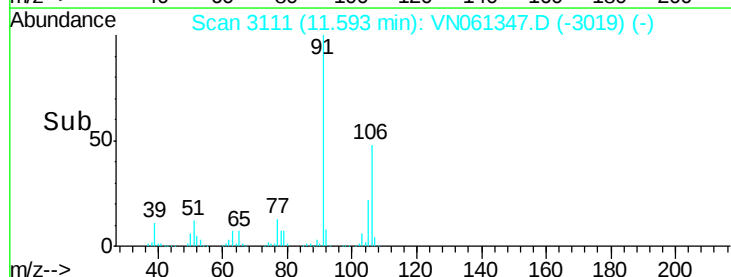
100000

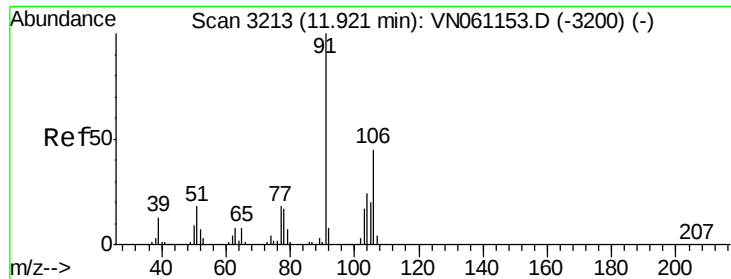
50000

0

11.50 11.55 11.60 11.65 11.70

Time-->

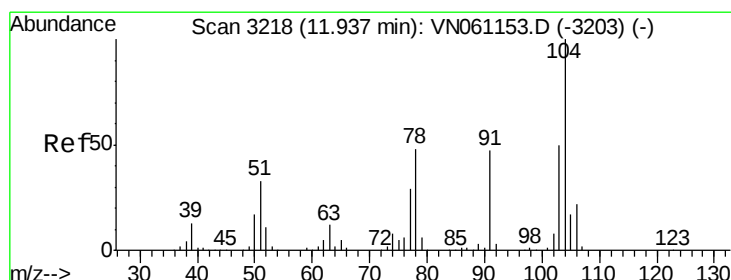
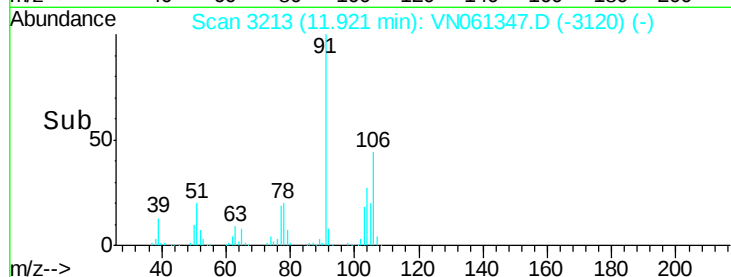
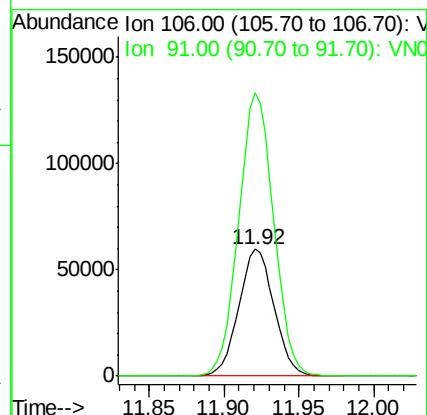
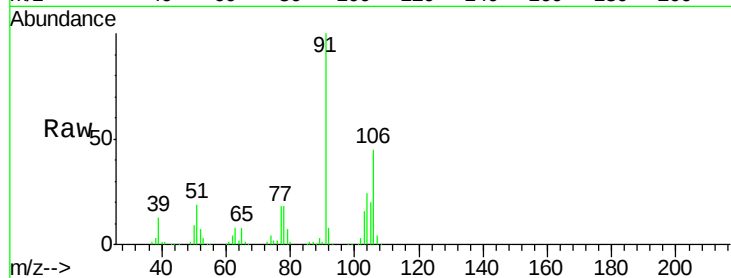




#69
o-Xylene
Concen: 50.243 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

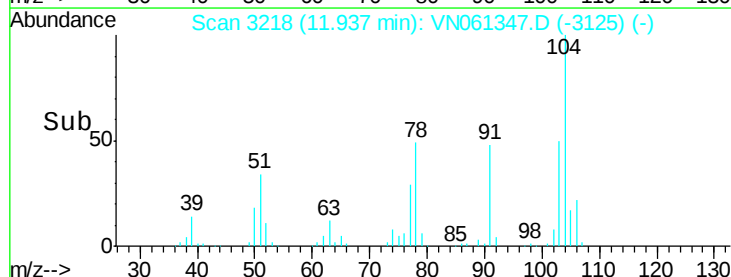
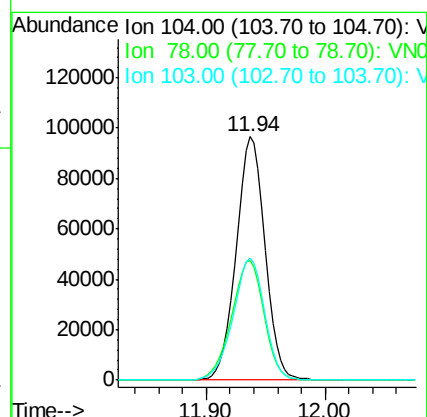
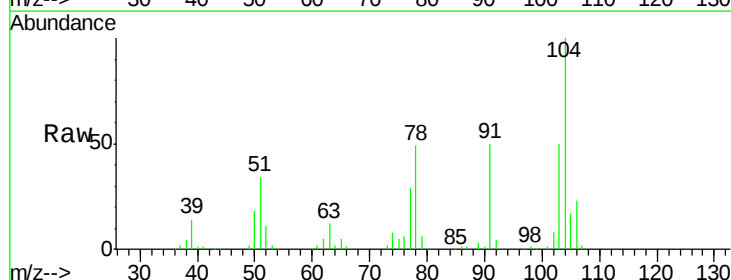
Instrument :
MSVOA_N
ClientSampled :

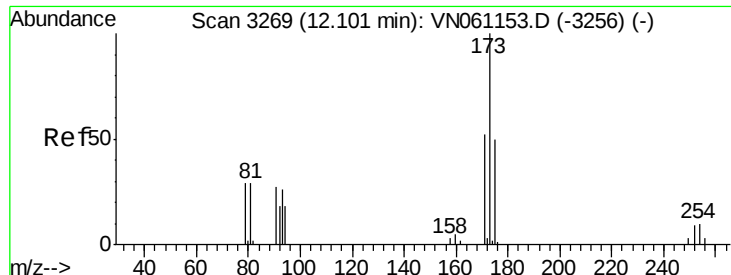
Tot Ion:106 Resp: 98015
Ion Ratio Lower Upper
106 100
91 221.8 109.7 329.0



#70
Styrene
Concen: 49.701 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion:104 Resp: 162276
Ion Ratio Lower Upper
104 100
78 55.0 42.1 63.1
103 54.7 43.3 64.9





#71

Bromoform

Concen: 55.323 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

ClientSampled :

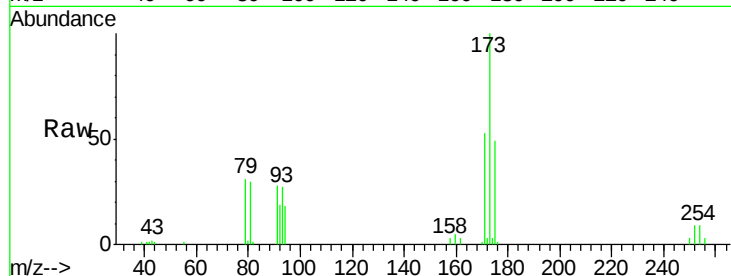
Tot Ion:173 Resp: 43132

Ion Ratio Lower Upper

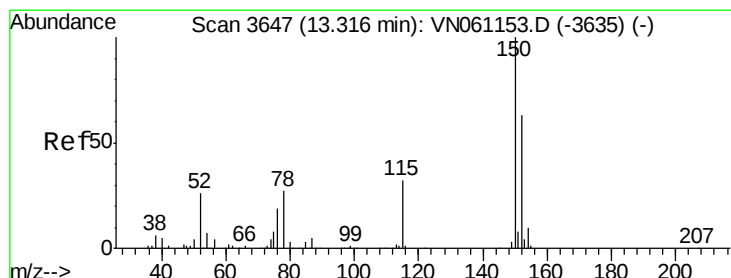
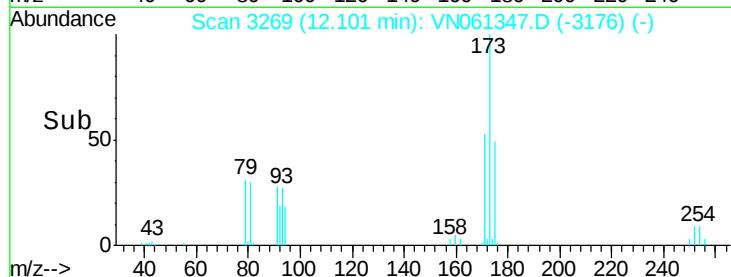
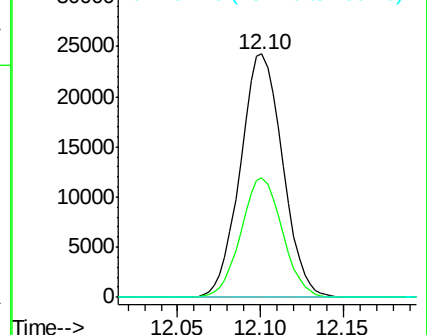
173 100

175 48.0 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: VN061347.D

Acq: 7 May 2020 20:21

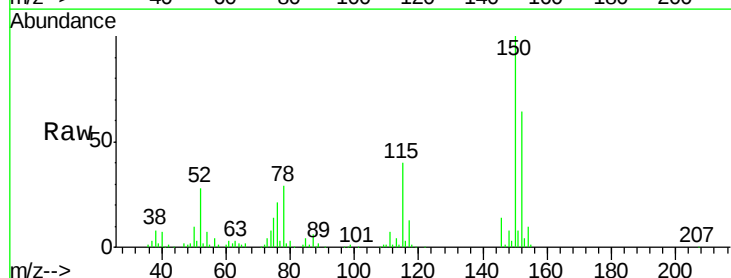
Tgt Ion:152 Resp: 71462

Ion Ratio Lower Upper

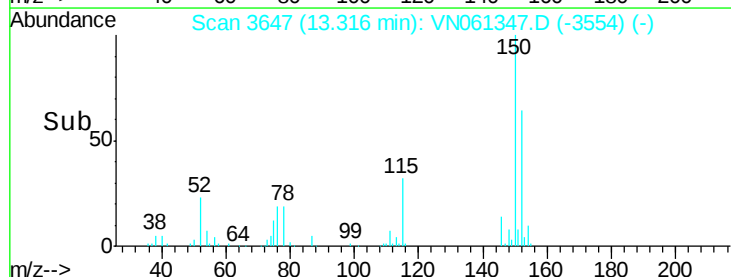
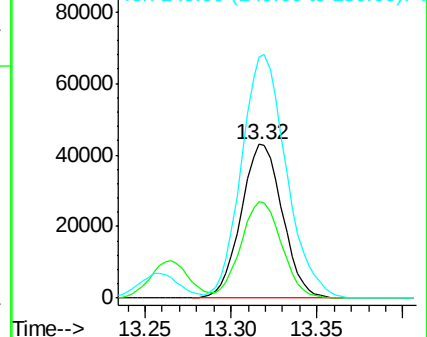
152 100

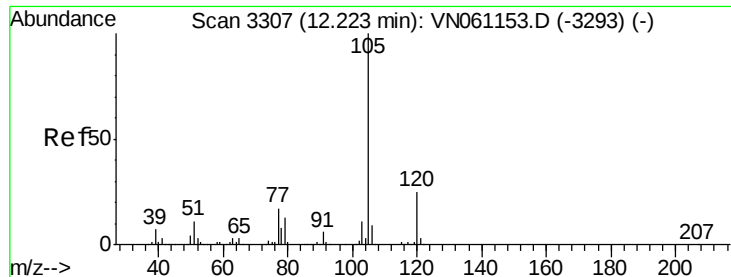
115 62.3 31.0 93.0

150 172.4 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: 49.611 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

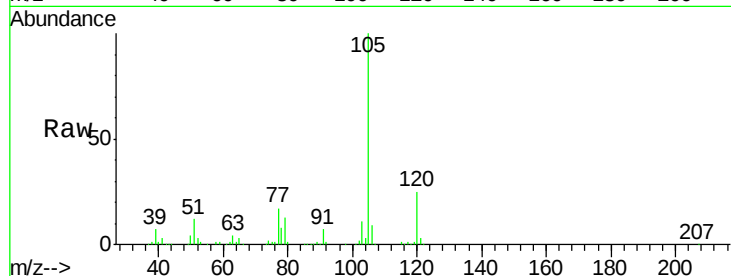
ClientSampleId :

Tot Ion:105 Resp: 260630

Ion Ratio Lower Upper

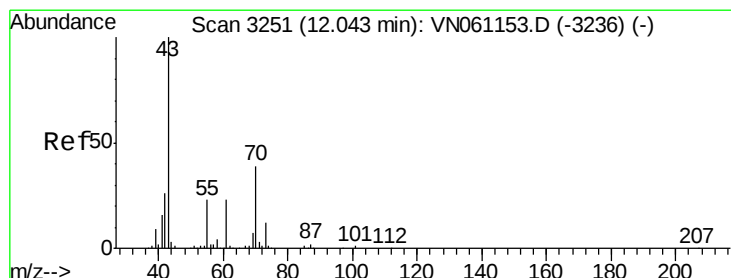
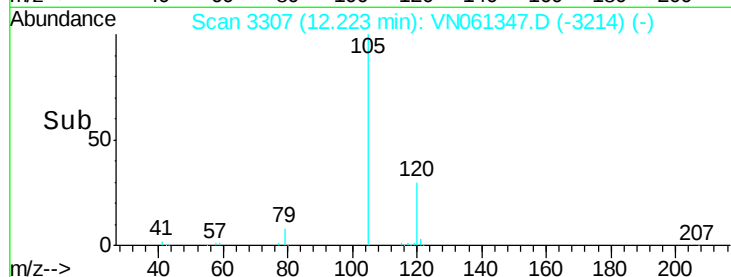
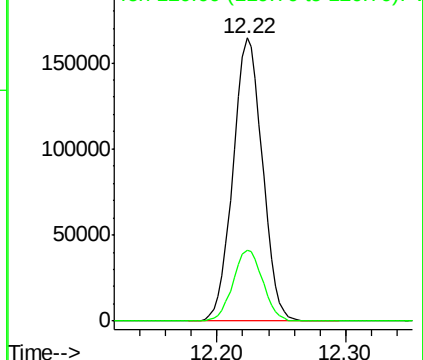
105 100

120 25.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.645 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Tgt Ion: 43 Resp: 134729

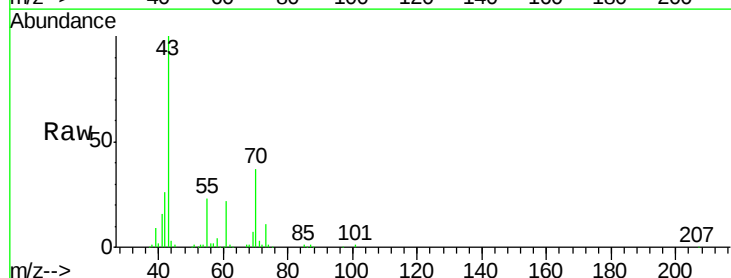
Ion Ratio Lower Upper

43 100

70 37.4 30.6 46.0

55 23.3 18.5 27.7

61 21.7 17.9 26.9

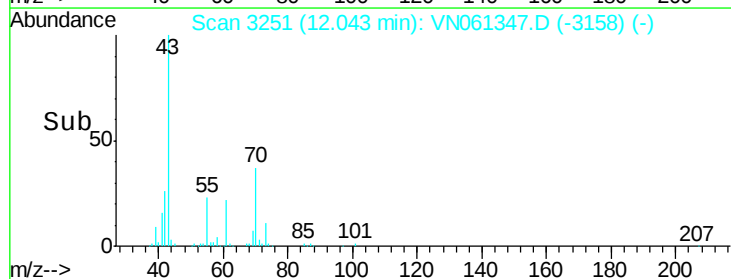
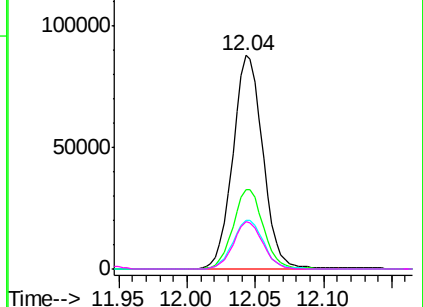


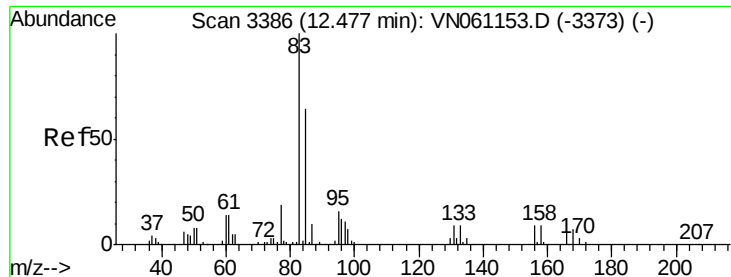
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 54.914 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

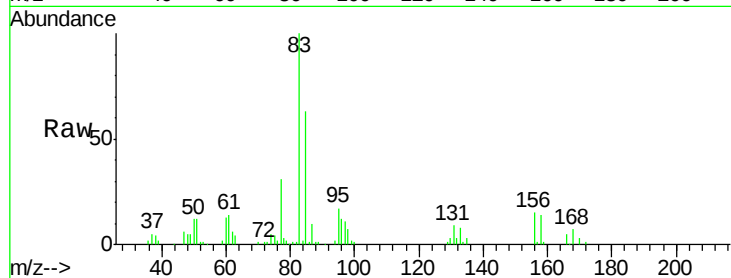
Tot Ion: 83 Resp: 89956

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

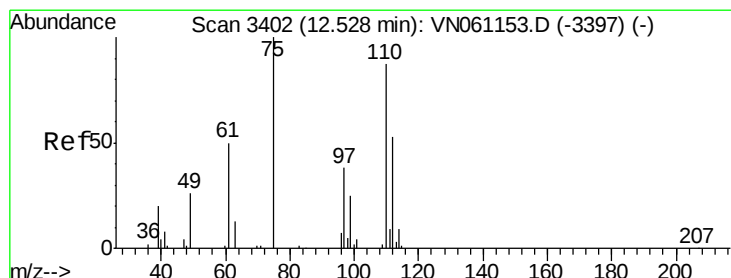
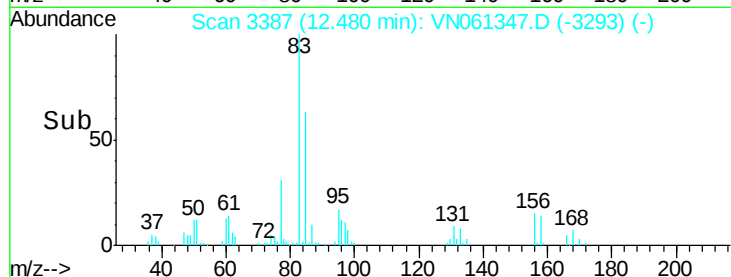
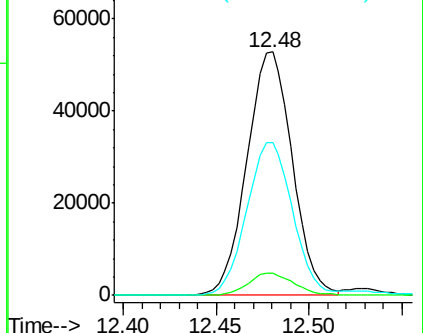
85 63.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 79.414 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061347.D

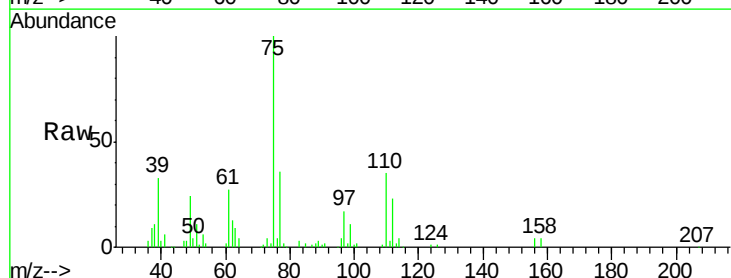
Acq: 7 May 2020 20:21

Tgt Ion: 75 Resp: 119646

Ion Ratio Lower Upper

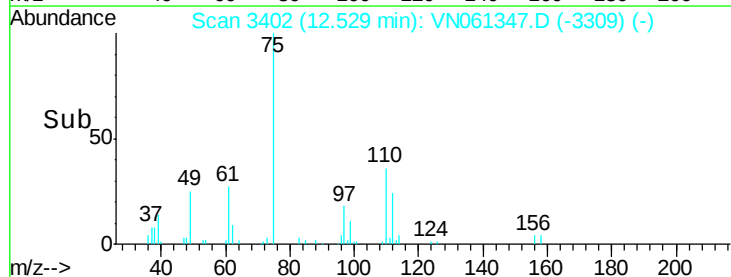
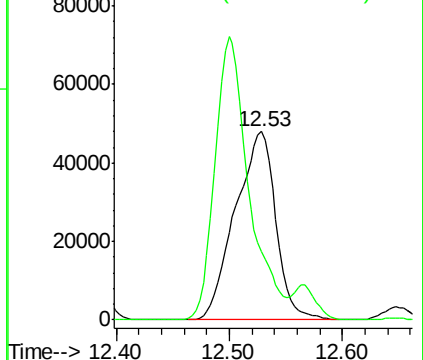
75 100

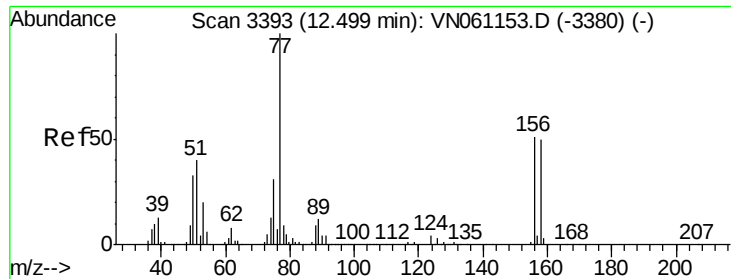
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

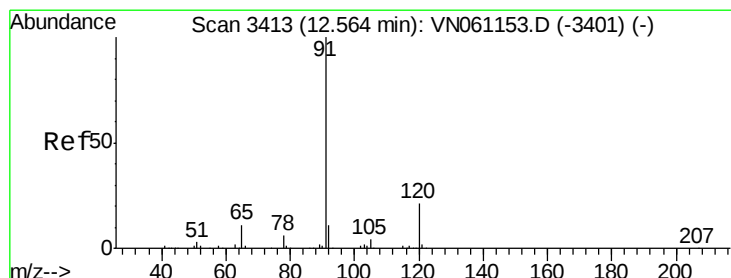
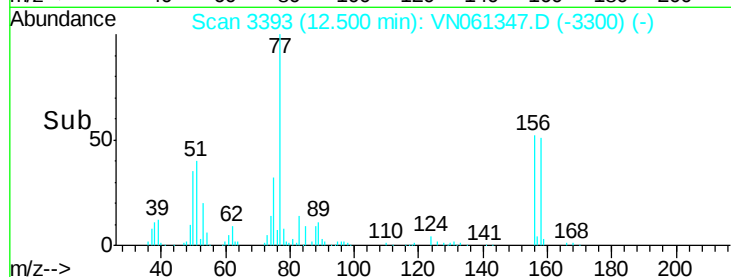
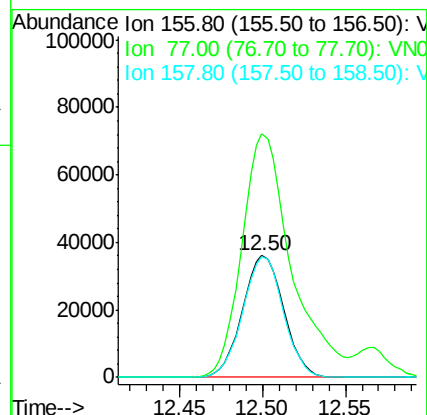
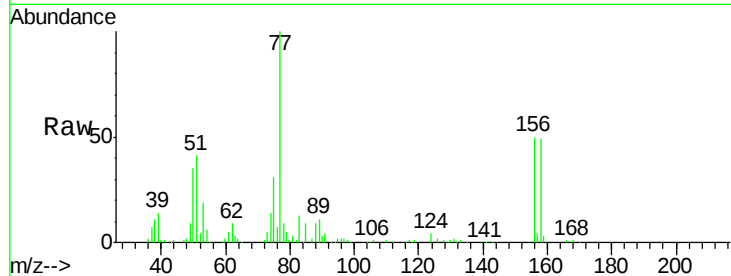




#77
Bromobenzene
Concen: 51.557 ug/l
RT: 12.50 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

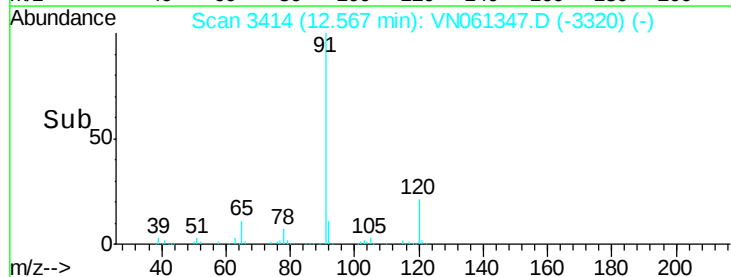
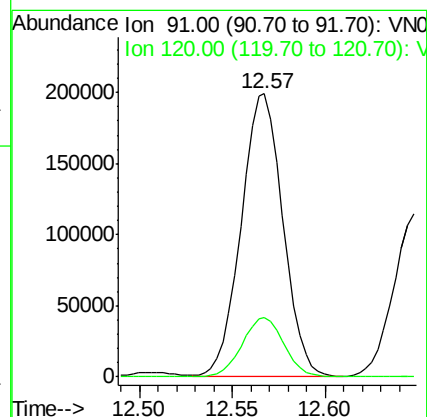
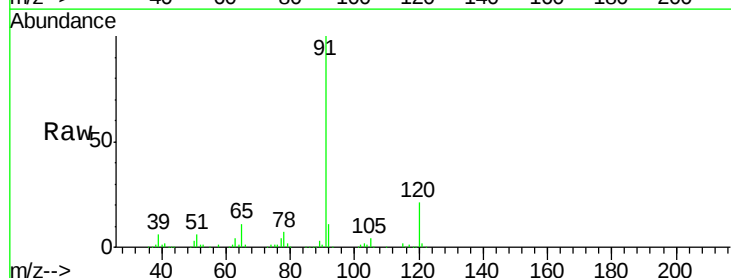
Instrument :
MSVOA_N
ClientSampled :

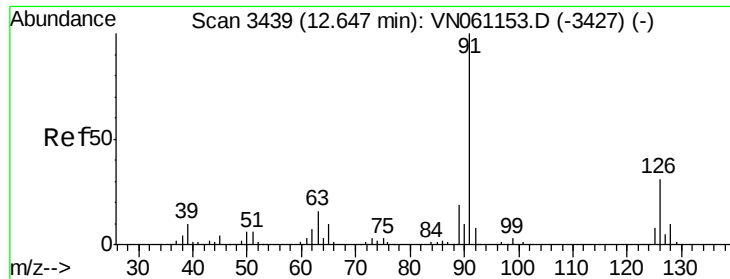
Tot Ion:156 Resp: 62525
Ion Ratio Lower Upper
156 100
77 240.1 117.4 352.2
158 97.3 48.4 145.0



#78
n-propylbenzene
Concen: 49.674 ug/l
RT: 12.57 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion: 91 Resp: 309530
Ion Ratio Lower Upper
91 100
120 21.2 10.8 32.3

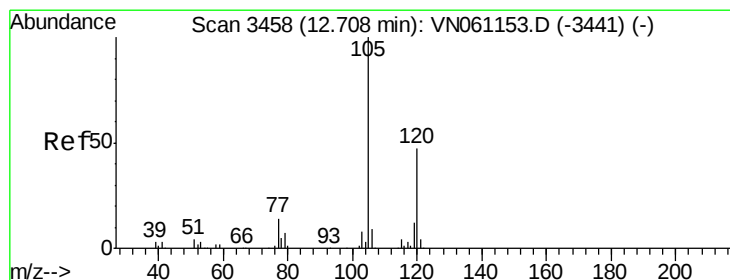
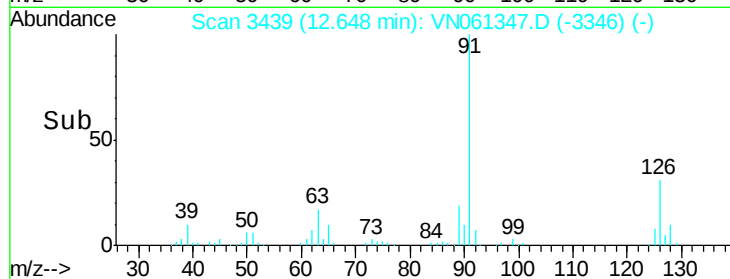
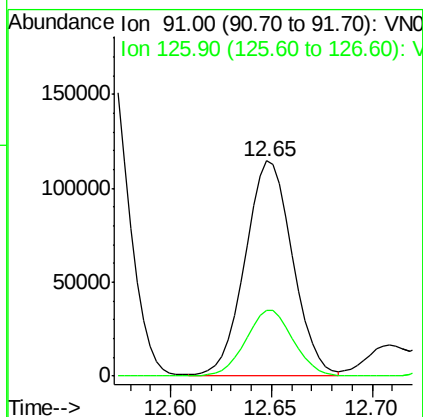
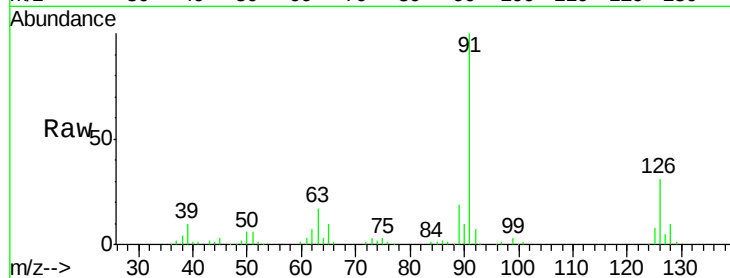




#79
 2-Chlorotoluene
 Concen: 51.151 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

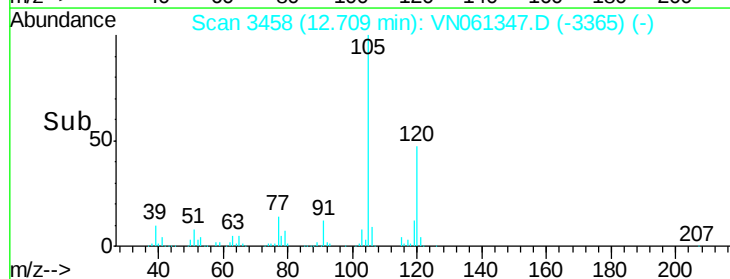
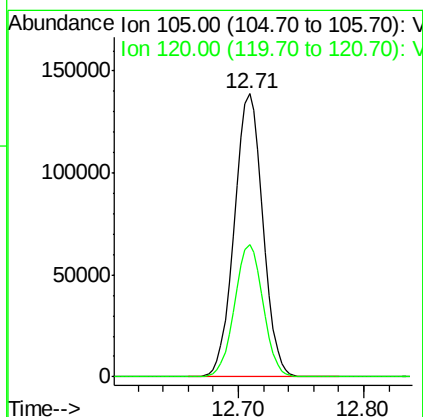
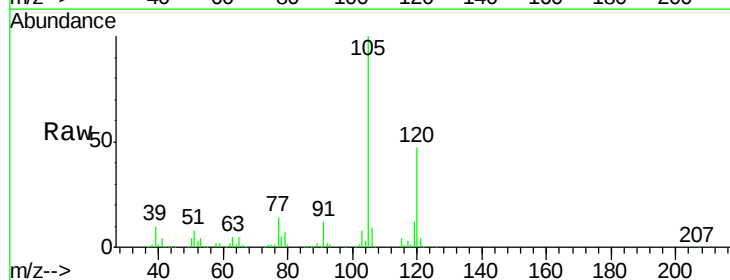
Instrument :
 MSVOA_N
 ClientSampleId :

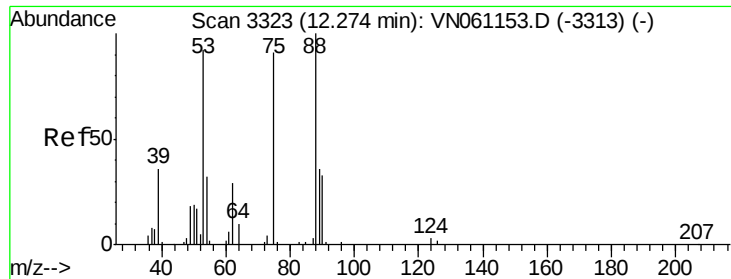
Tot Ion: 91 Resp: 187345
 Ion Ratio Lower Upper
 91 100
 126 31.0 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 50.406 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion: 105 Resp: 219169
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 51.438 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

ClientSampled :

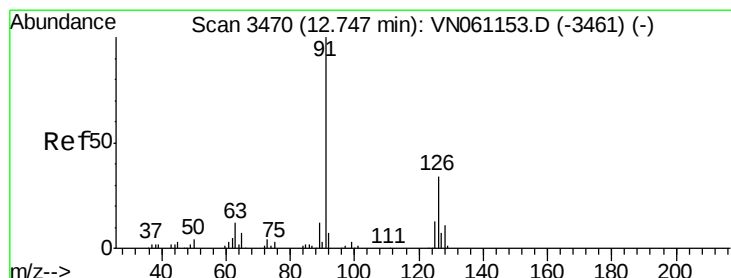
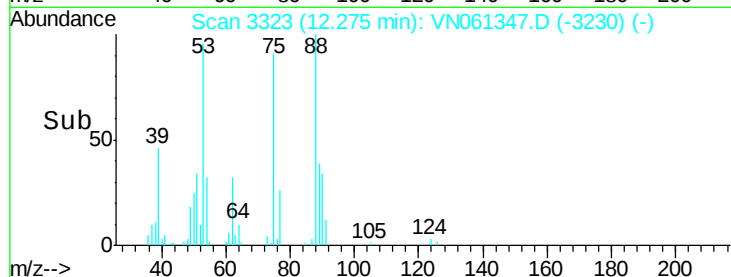
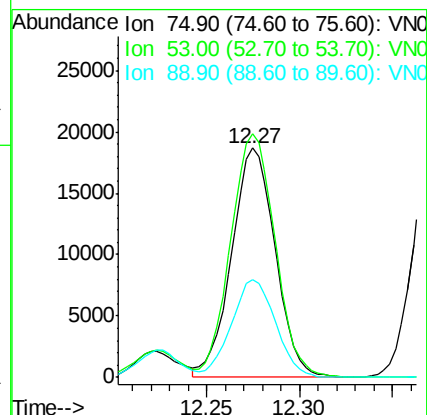
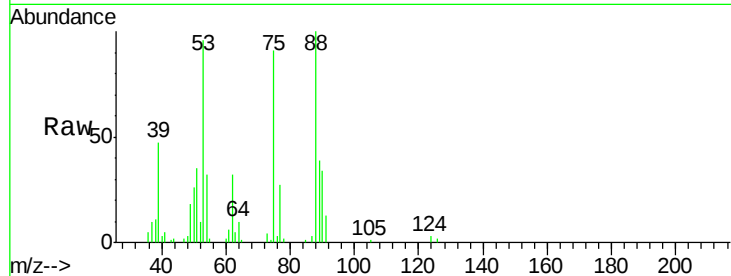
Tot Ion: 75 Resp: 30517

Ion Ratio Lower Upper

75 100

53 108.5 84.1 126.1

89 43.3 35.2 52.8



#82

4-Chlorotoluene

Concen: 51.296 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061347.D

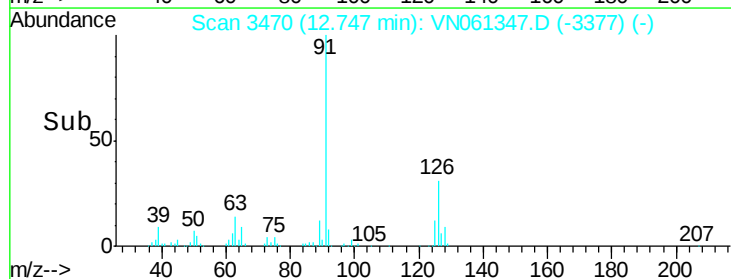
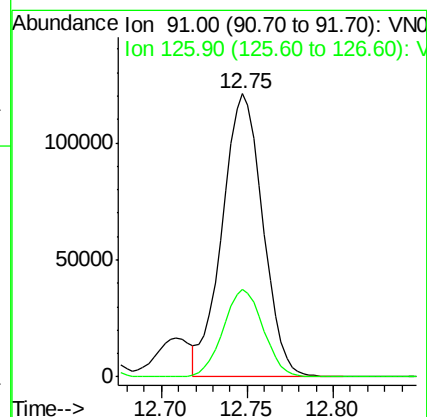
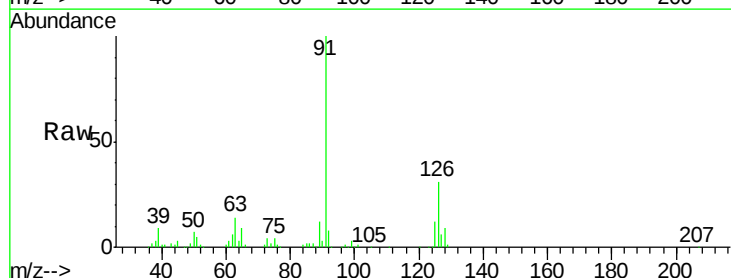
Acq: 7 May 2020 20:21

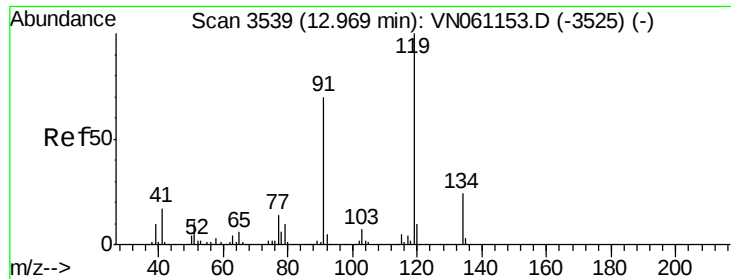
Tgt Ion: 91 Resp: 198013

Ion Ratio Lower Upper

91 100

126 30.7 15.7 47.1

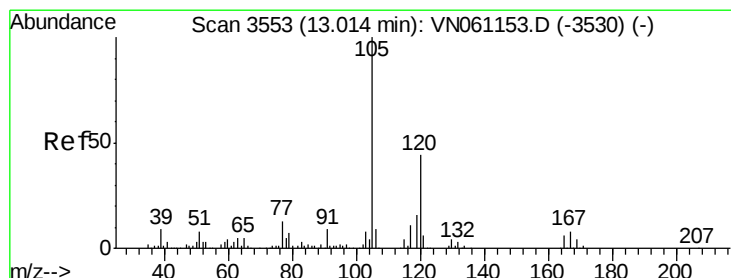
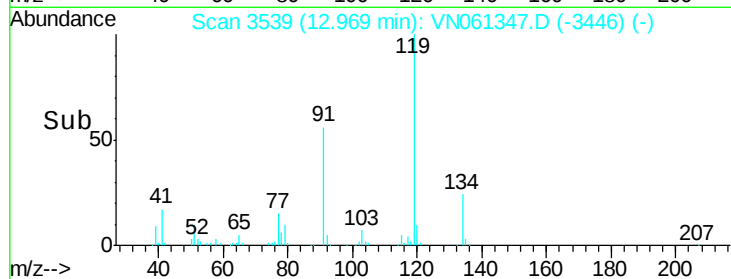
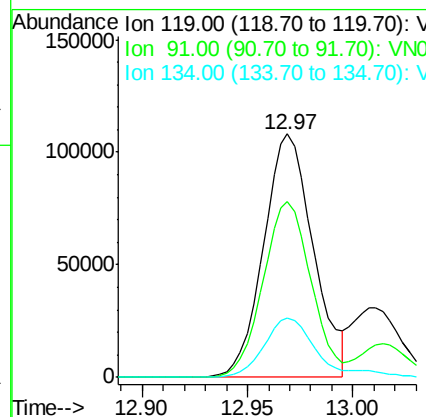
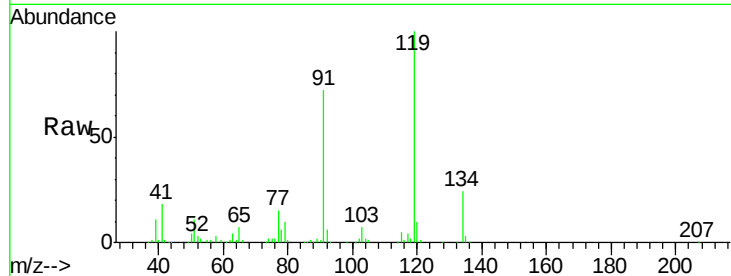




#83
tert-Butylbenzene
Concen: 48.276 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

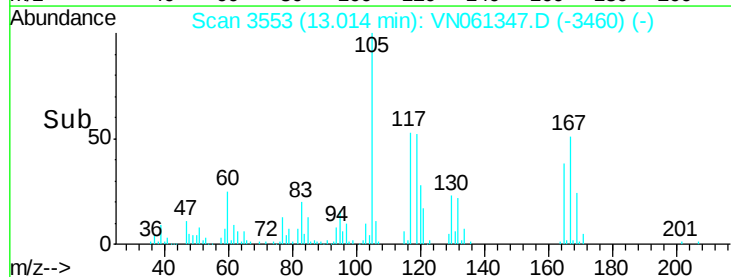
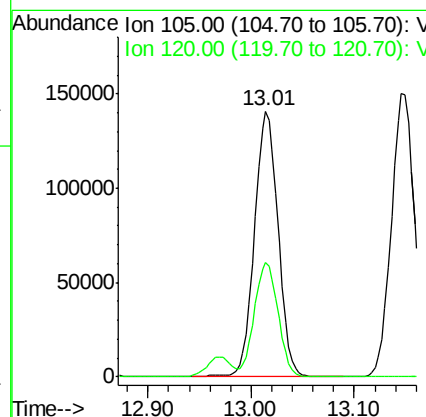
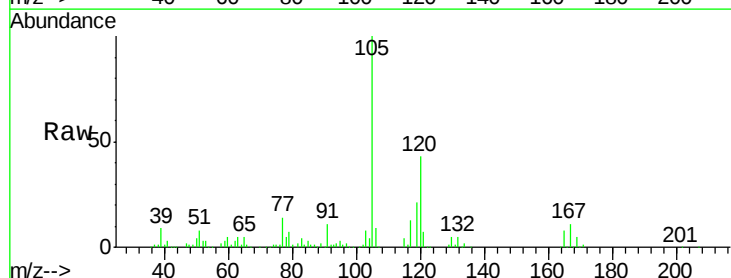
Instrument :
MSVOA_N
ClientSampleId :

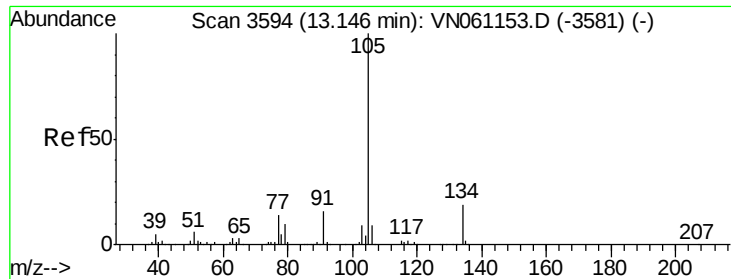
Tot Ion	Ratio	Lower	Upper
119	100		
91	69.7	34.8	104.4
134	26.3	12.9	38.7



#84
1,2,4-Trimethylbenzene
Concen: 49.860 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.2	66.6





#85

sec-Butylbenzene

Concen: 47.134 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

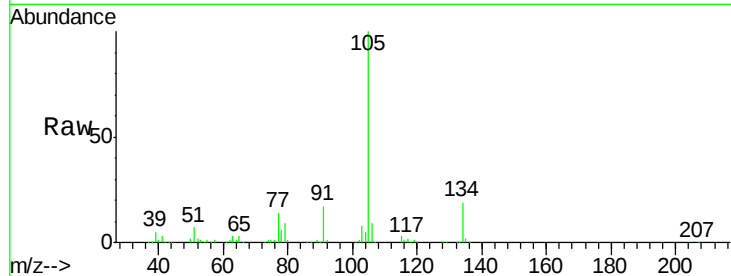
ClientSampleId :

Tot Ion:105 Resp: 235606

Ion Ratio Lower Upper

105 100

134 18.9 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

100000

50000

0

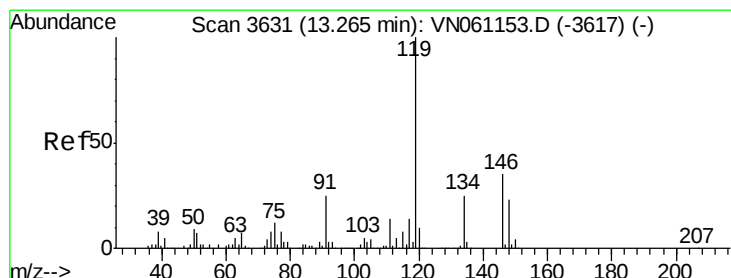
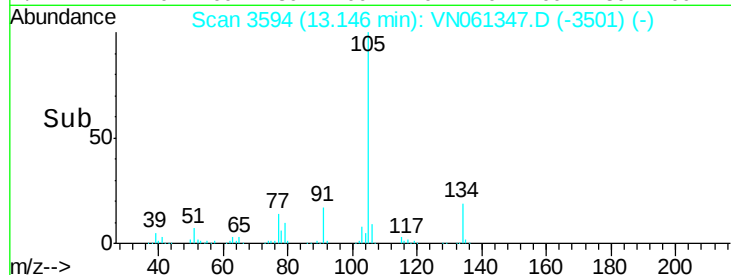
13.15

13.10

13.05

13.20

Time-->



#86

p-Isopropyltoluene

Concen: 47.322 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

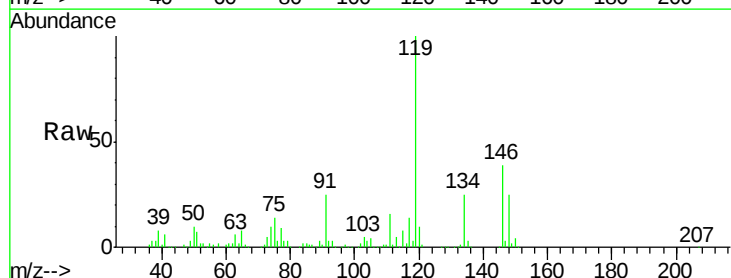
Tgt Ion:119 Resp: 213125

Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.6

91 25.1 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

150000

100000

50000

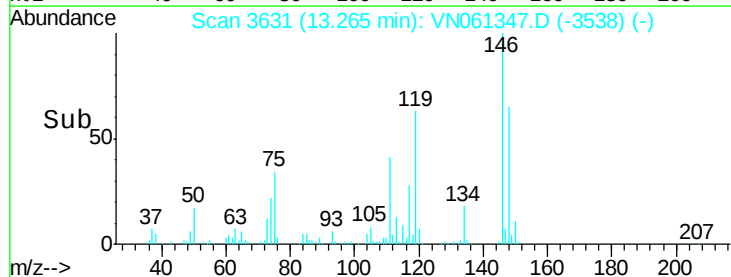
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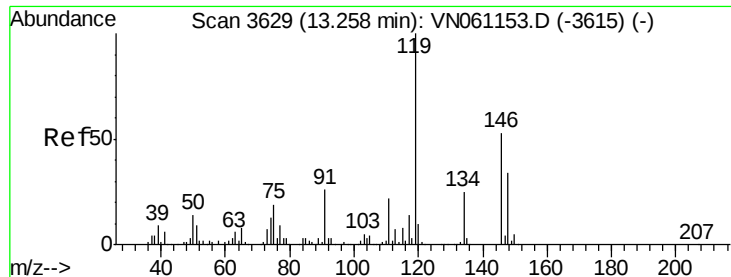
13.26

13.20

13.30

Time-->

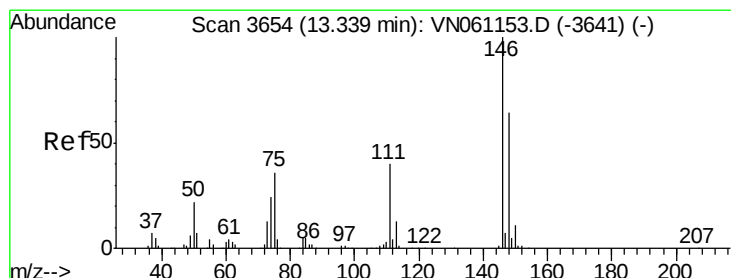
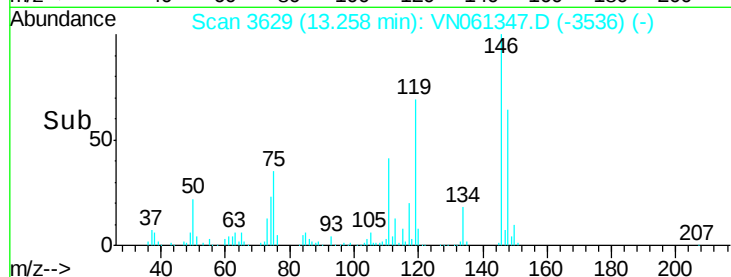
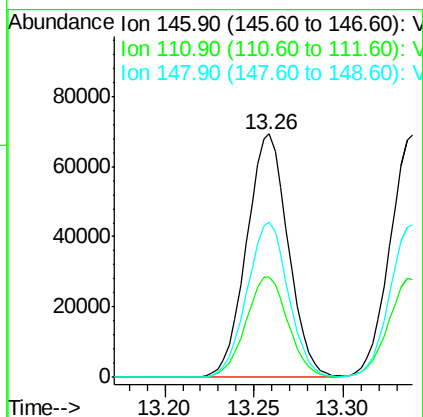
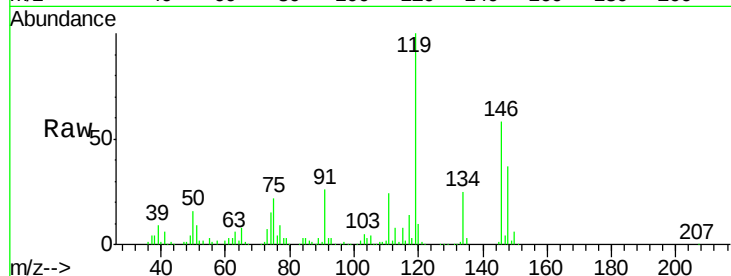




#87
 1,3-Dichlorobenzene
 Concen: 50.523 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

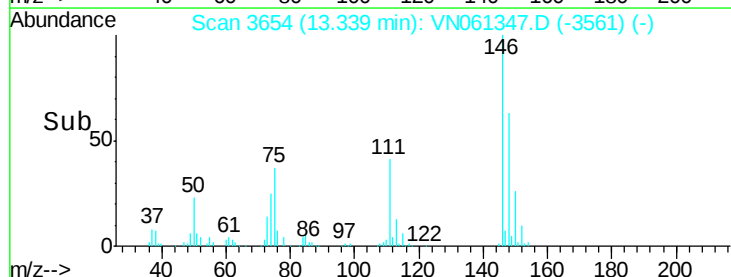
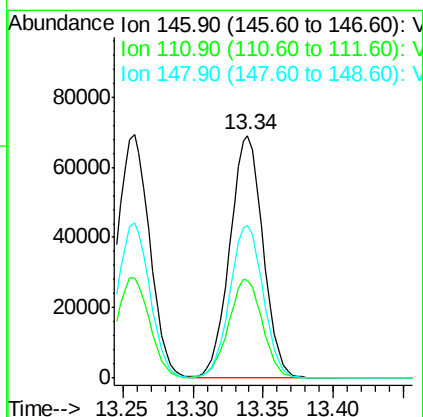
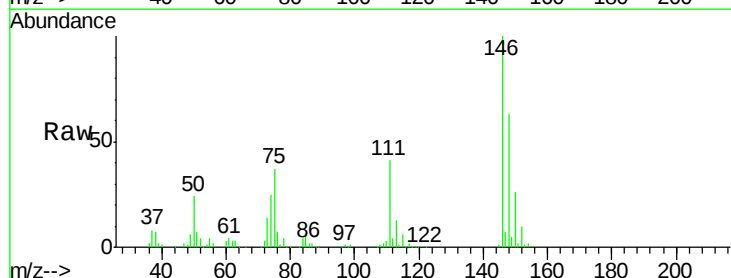
Instrument :
 MSVOA_N
 ClientSampled :

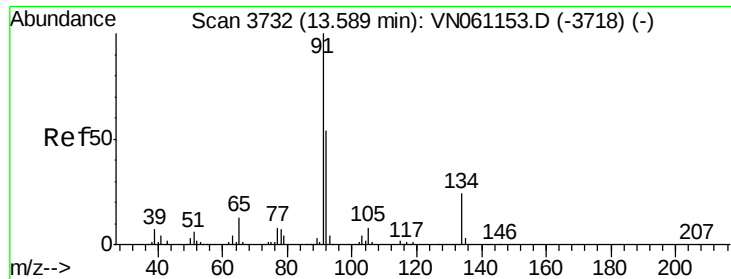
Tot Ion:146 Resp: 112795
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.7 62.1
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.807 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion:146 Resp: 113616
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.4 61.3
 148 63.4 31.9 95.7

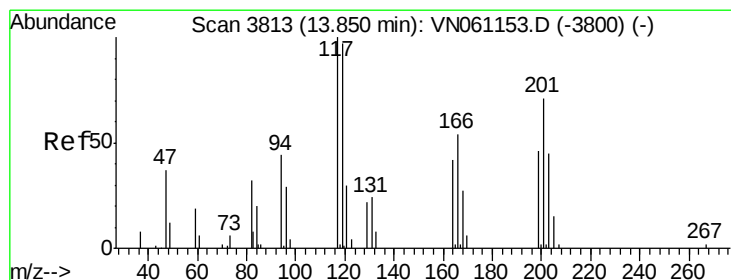
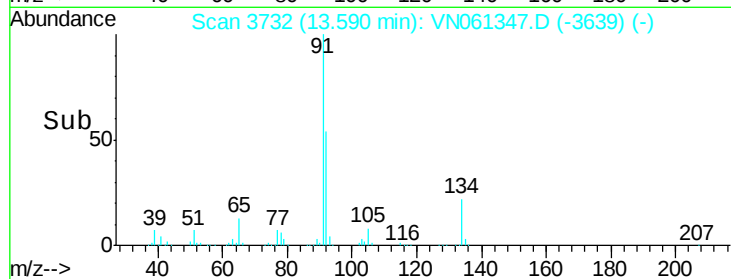
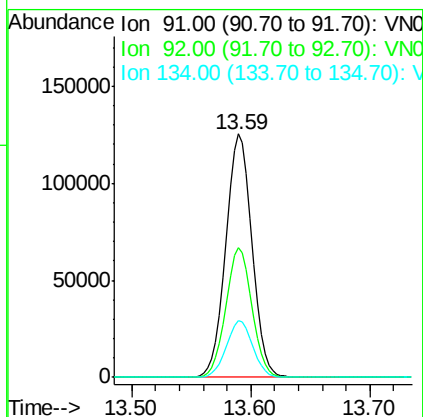
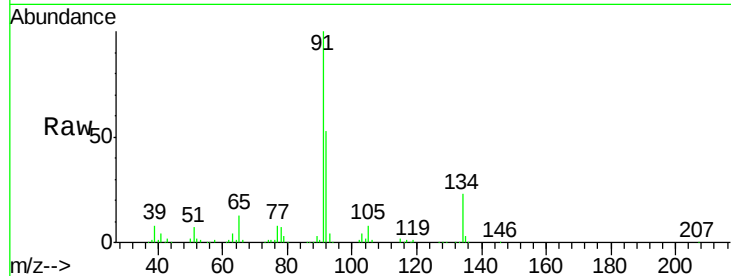




#89
n-Butylbenzene
Concen: 46.315 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

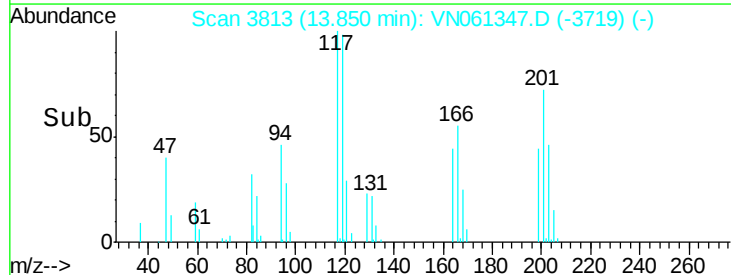
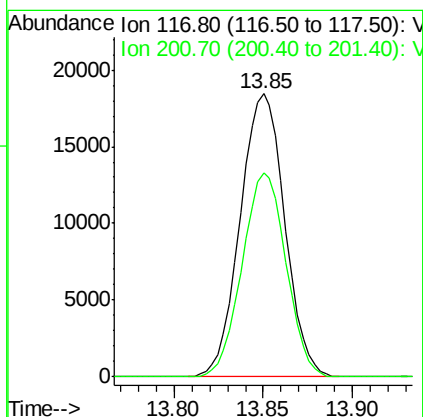
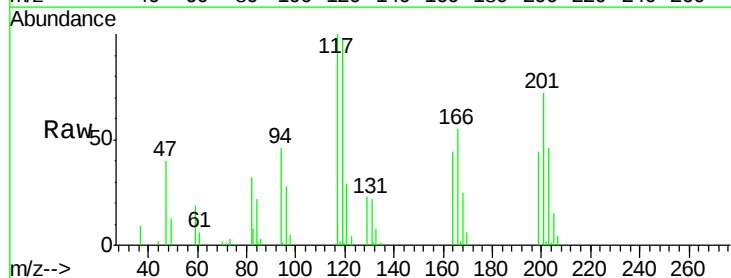
Instrument :
MSVOA_N
ClientSampleId :

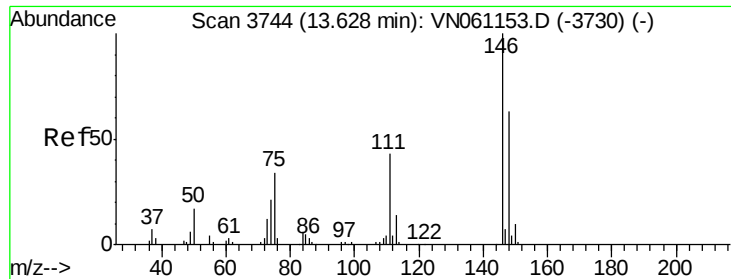
Tot Ion: 91 Resp: 191221
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.3
134 23.4 11.9 35.5



#90
Hexachloroethane
Concen: 65.643 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion: 117 Resp: 32159
Ion Ratio Lower Upper
117 100
201 70.9 35.5 106.7

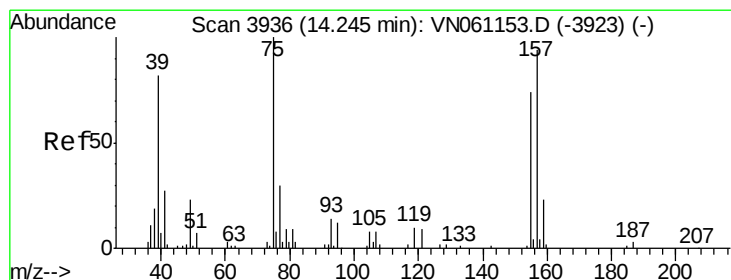
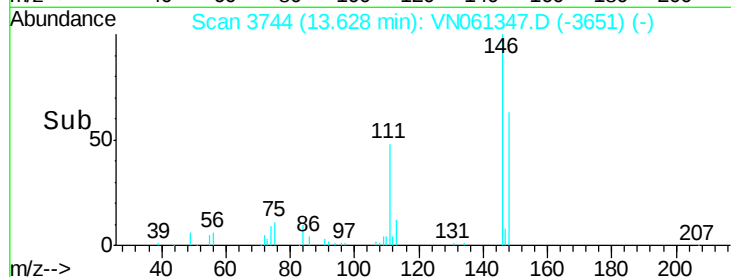
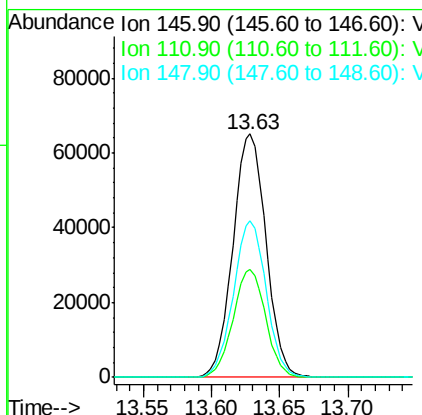
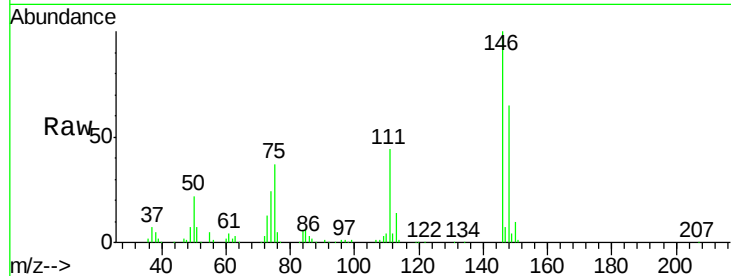




#91
 1,2-Dichlorobenzene
 Concen: 51.240 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

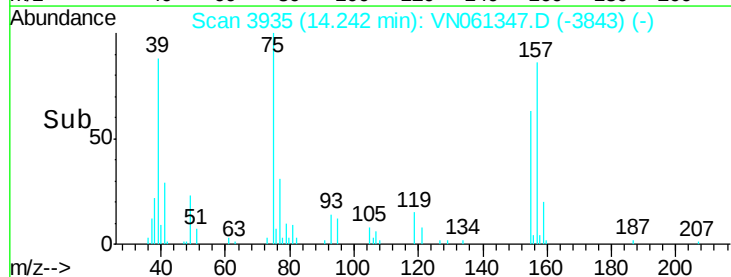
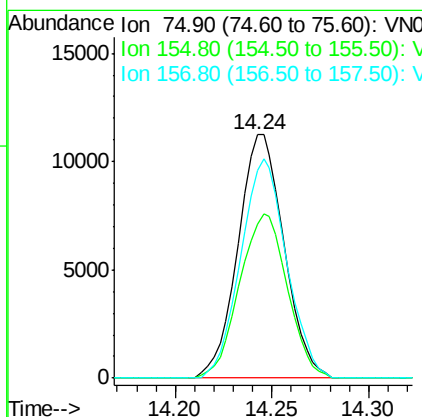
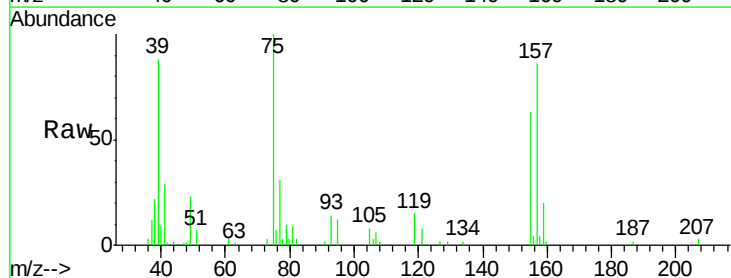
Instrument :
 MSVOA_N
 ClientSampleId :

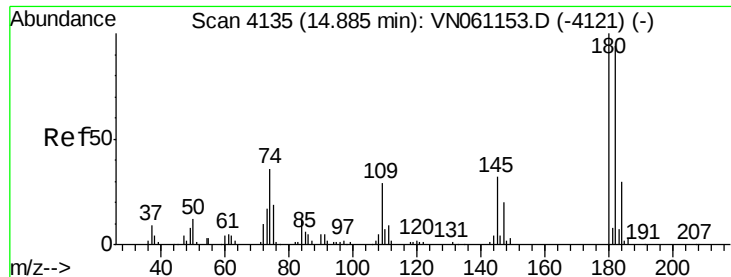
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.8	65.3
148	63.6	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.745 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.1	36.5	109.7
157	89.7	46.6	139.7

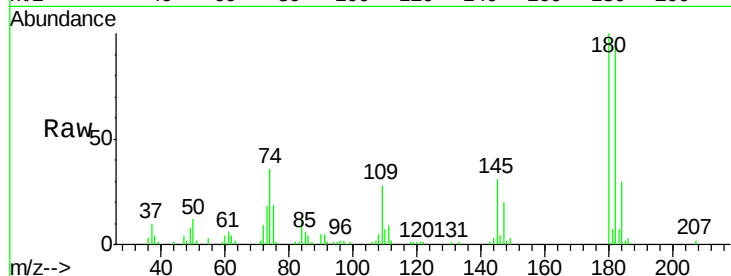




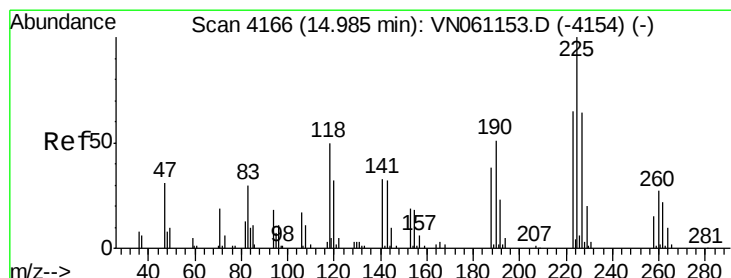
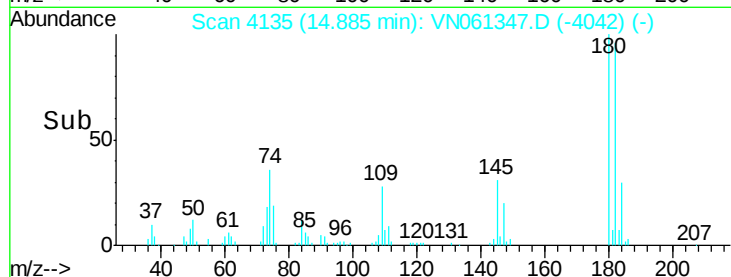
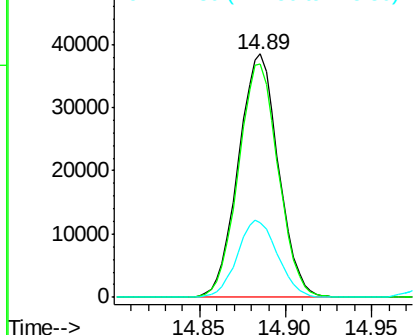
#93
 1,2,4-Trichlorobenzene
 Concen: 47.653 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 62118
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 141.9
 145 31.8 16.0 47.9

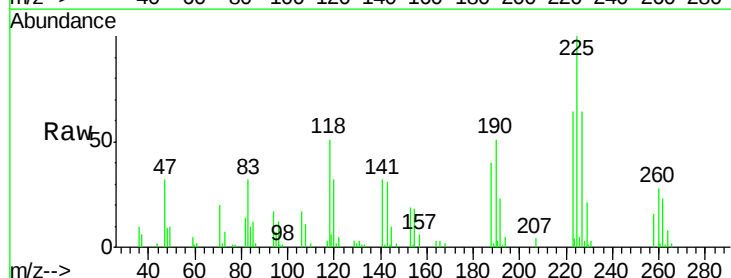


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

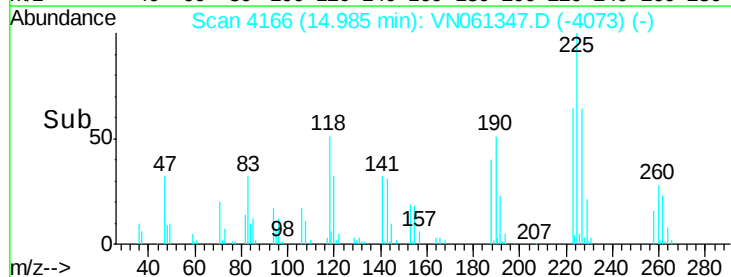
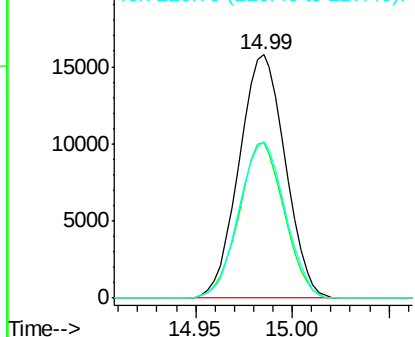


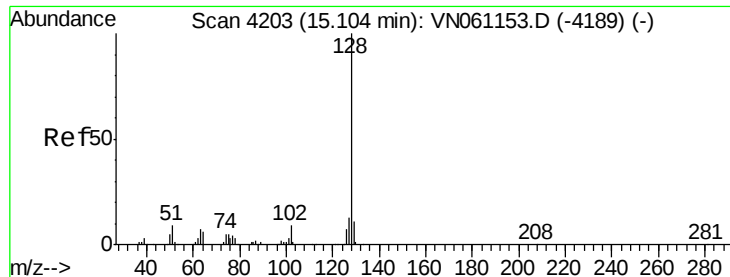
#94
 Hexachlorobutadiene
 Concen: 48.139 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion:225 Resp: 26216
 Ion Ratio Lower Upper
 225 100
 223 62.3 32.4 97.0
 227 64.0 32.4 97.0



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

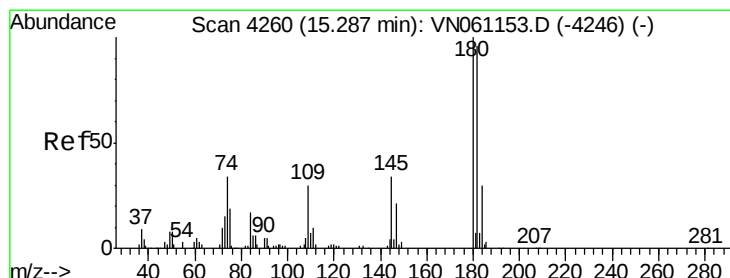
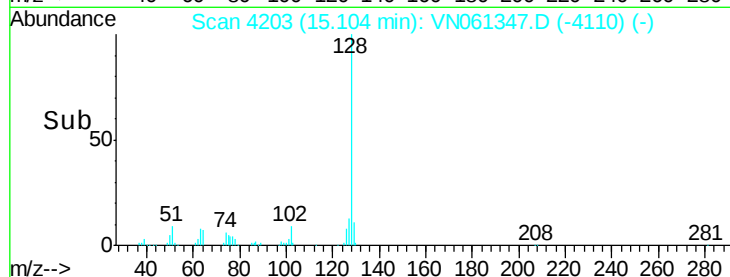
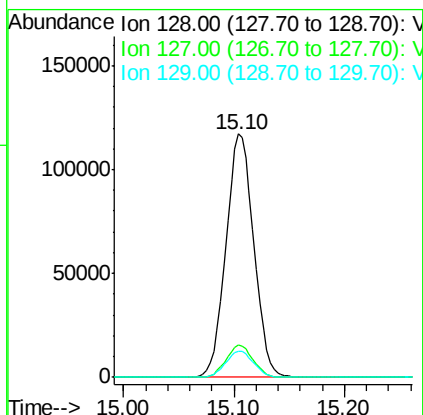
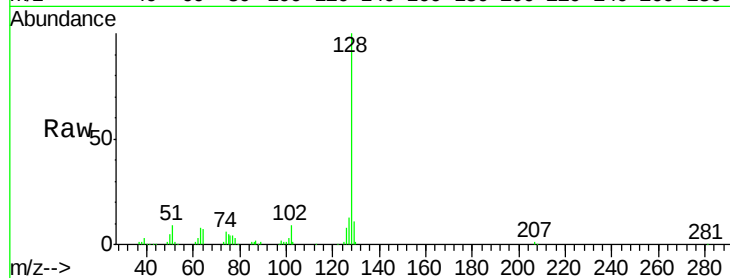




#95
Naphthalene
Concen: 48.273 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 204934
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.005 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion:180 Resp: 61783
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 33.5 16.9 50.7

