

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
 Data File : VN060098.D
 Acq On : 14 Feb 2020 9:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 02:41:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	310077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	292494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148483	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	124068	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	7.56	113	97410	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.08	98	385479	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.40	95	144317	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	97697	49.019	ug/l	99
3) Chloromethane	2.04	50	116648	49.181	ug/l	99
4) Vinyl Chloride	2.17	62	130266	48.185	ug/l	97
5) Bromomethane	2.54	94	77886	46.985	ug/l	96
6) Chloroethane	2.68	64	67186	49.134	ug/l	97
7) Trichlorofluoromethane	3.00	101	162126	46.514	ug/l	99
8) Diethyl Ether	3.38	74	56651	48.826	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.73	101	89898	46.455	ug/l	99
10) Methyl Iodide	3.93	142	121770	46.980	ug/l	99
11) Tert butyl alcohol	4.73	59	85998	236.857	ug/l	100
12) 1,1-Dichloroethene	3.71	96	89826	47.648	ug/l	99
13) Acrolein	3.57	56	74964	208.882	ug/l	96
14) Allyl chloride	4.29	41	138639	49.965	ug/l	94
15) Acrylonitrile	4.94	53	229903	259.283	ug/l	100
16) Acetone	3.78	43	293603	277.422	ug/l	98
17) Carbon Disulfide	4.03	76	267096	47.005	ug/l	99
18) Methyl Acetate	4.29	43	104174	52.399	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	303278	47.838	ug/l	98
20) Methylene Chloride	4.52	84	100181	47.447	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	97579	47.484	ug/l	97
22) Diisopropyl ether	5.91	45	311365	51.203	ug/l	98
23) Vinyl Acetate	5.86	43	1323786	259.227	ug/l	98
24) 1,1-Dichloroethane	5.82	63	179984	48.858	ug/l	99
25) 2-Butanone	6.80	43	369063	277.275	ug/l	95
26) 2,2-Dichloropropane	6.79	77	166359	47.545	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	112571	46.807	ug/l	98
28) Bromochloromethane	7.17	49	71003	49.027	ug/l	93
29) Tetrahydrofuran	7.18	42	206705	253.140	ug/l	96
30) Chloroform	7.35	83	183603	47.579	ug/l	98
31) Cyclohexane	7.63	56	166946	48.650	ug/l	96
32) 1,1,1-Trichloroethane	7.54	97	164918	46.767	ug/l	98
36) 1,1-Dichloropropene	7.77	75	140706	48.991	ug/l	98
37) Ethyl Acetate	6.89	43	131337	50.598	ug/l	99
38) Carbon Tetrachloride	7.75	117	147244	47.206	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	174873	49.050	ug/l	99
40) Benzene	8.02	78	413734	48.562	ug/l	99
41) Methacrylonitrile	7.18	41	191613	176.025	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	147277	49.323	ug/l	99
43) Isopropyl Acetate	8.14	43	227672	51.311	ug/l	99
44) Trichloroethene	8.82	130	109928	46.599	ug/l	94
45) 1,2-Dichloropropane	9.10	63	108008	51.207	ug/l	98
46) Dibromomethane	9.19	93	73230	49.130	ug/l	97
47) Bromodichloromethane	9.38	83	149721	49.407	ug/l	97
48) Methyl methacrylate	9.18	41	101066	50.767	ug/l	97
49) 1,4-Dioxane	9.18	88	34119	1003.075	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	670680	261.140	ug/l	100
52) Toluene	10.14	92	265676	48.629	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	172168	50.333	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	179857	49.934	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	101305	47.530	ug/l	98
56) Ethyl methacrylate	10.42	69	155206	51.476	ug/l	98
57) 1,3-Dichloropropane	10.70	76	173817	49.423	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	361410	257.296	ug/l	98
59) 2-Hexanone	10.74	43	549572	277.013	ug/l	99
60) Dibromochloromethane	10.89	129	117684	48.116	ug/l	98
61) 1,2-Dibromoethane	10.99	107	108422	48.526	ug/l	99
64) Tetrachloroethene	10.62	164	97695	43.937	ug/l	99
65) Chlorobenzene	11.42	112	284383	47.722	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	107204	47.555	ug/l	99
67) Ethyl Benzene	11.50	91	525862	48.928	ug/l	100
68) m/p-Xylenes	11.61	106	391941	97.165	ug/l	99
69) o-Xylene	11.94	106	188124	48.437	ug/l	99
70) Styrene	11.96	104	316340	50.509	ug/l	100
71) Bromoform	12.12	173	88456	48.785	ug/l #	98
73) Isopropylbenzene	12.24	105	513270	46.291	ug/l	100
74) N-amyl acetate	12.06	43	210067	52.539	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	155248	48.644	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	204601	72.022	ug/l #	100
77) Bromobenzene	12.52	156	126440	45.950	ug/l	96
78) n-propylbenzene	12.59	91	602102	47.662	ug/l	99
79) 2-Chlorotoluene	12.67	91	346413	46.654	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	435976	47.290	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	58144	50.115	ug/l	99
82) 4-Chlorotoluene	12.77	91	362373	47.568	ug/l	99
83) tert-Butylbenzene	12.99	119	371834	45.594	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	436842	48.002	ug/l	100
85) sec-Butylbenzene	13.17	105	508888	47.116	ug/l	100
86) p-Isopropyltoluene	13.28	119	465478	47.567	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	229965	47.213	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	228839	46.991	ug/l	98
89) n-Butylbenzene	13.61	91	429051	49.848	ug/l	99
90) Hexachloroethane	13.87	117	85825	46.946	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	222598	46.698	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	31780	46.782	ug/l	96

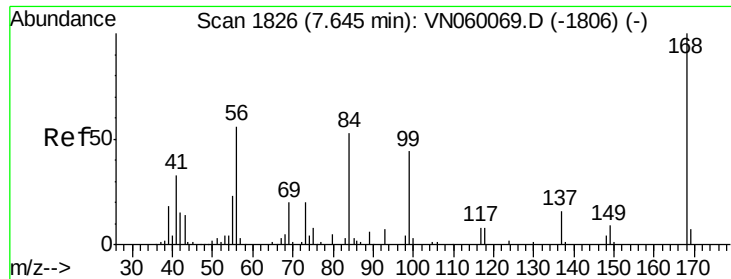
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	138820	49.564	ug/l	100
94) Hexachlorobutadiene	15.01	225	75226	45.879	ug/l	100
95) Naphthalene	15.13	128	359778	47.553	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	130183	46.674	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

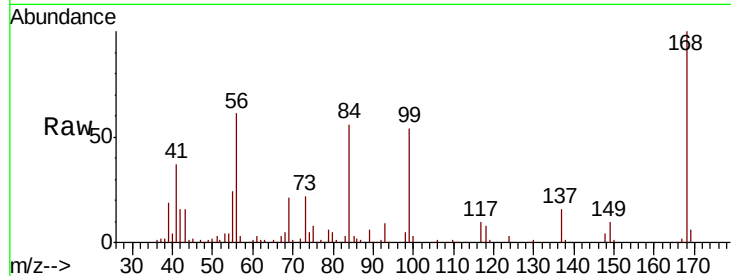
ClientSampled :

Tot Ion:168 Resp: 199393

Ion Ratio Lower Upper

168 100

99 53.6 42.7 64.1

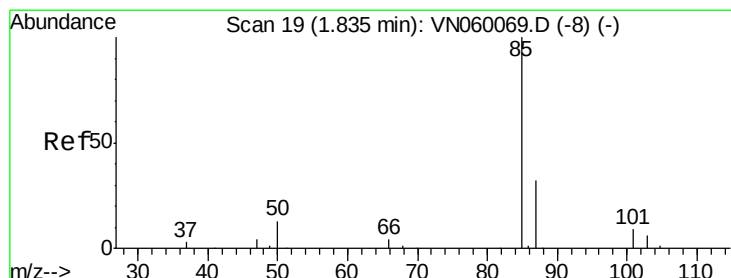
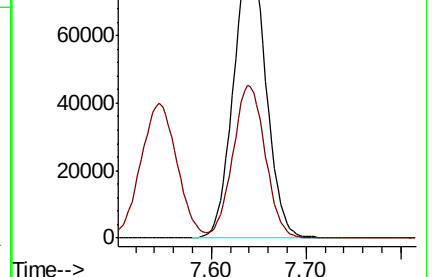
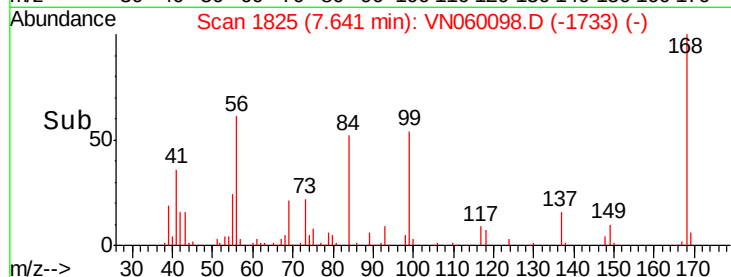


Abundance Ion 167.90 (167.60 to 168.60): VN060069.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN060069.D (-1806) (-)

7.64

Time-->



#2

Dichlorodifluoromethane

Concen: 49.019 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060098.D

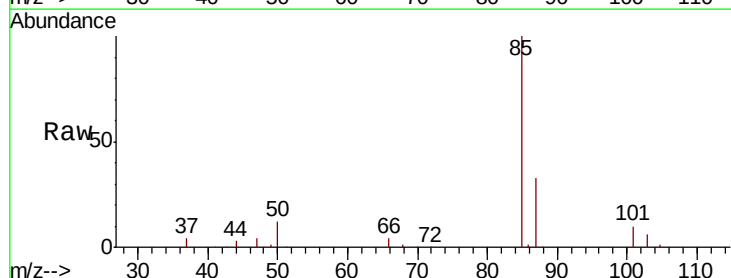
Acq: 14 Feb 2020 9:29

Tgt Ion: 85 Resp: 97697

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2

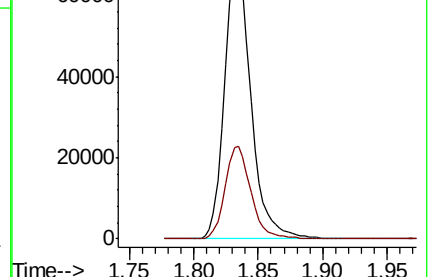
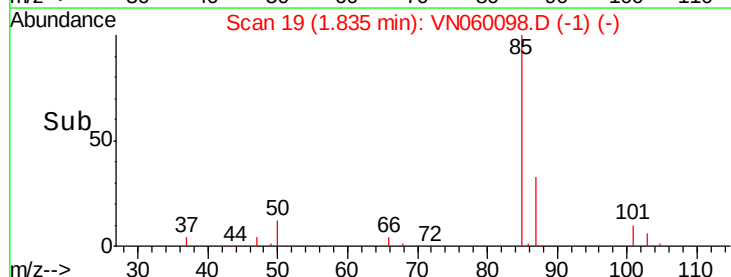


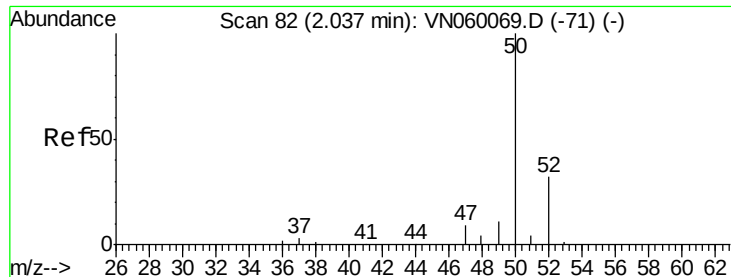
Abundance Ion 84.90 (84.60 to 85.60): VN060069.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN060069.D (-8) (-)

1.83

Time-->





#3

Chloromethane

Concen: 49.181 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

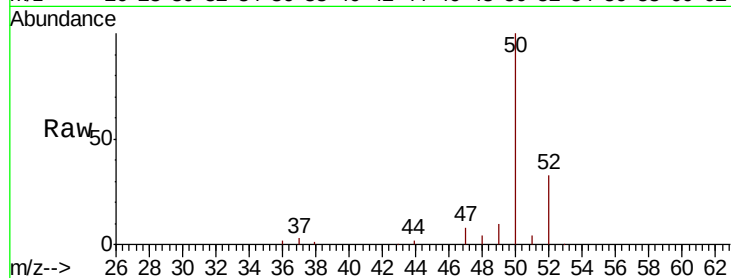
ClientSampleId :

Tot Ion: 50 Resp: 116648

Ion Ratio Lower Upper

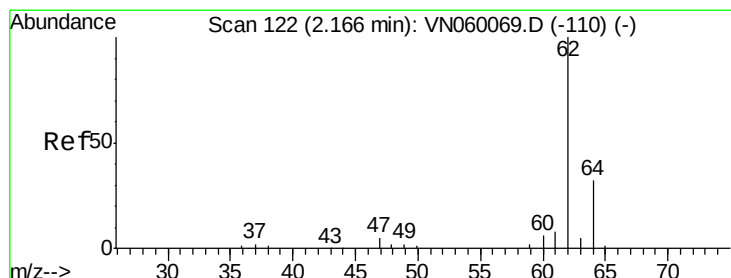
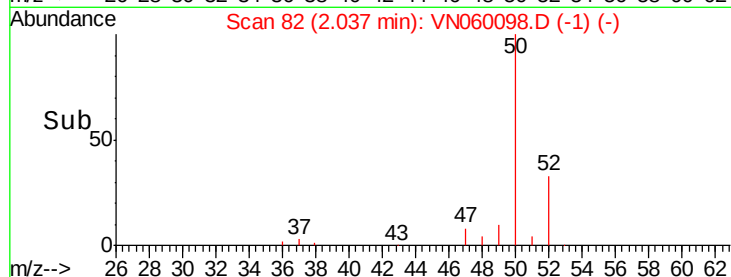
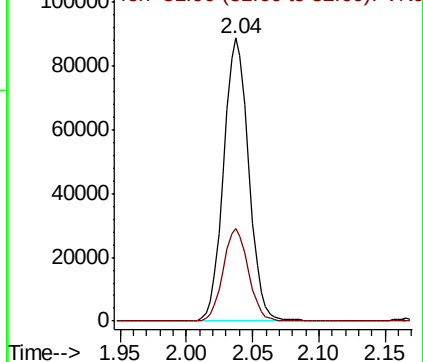
50 100

52 32.8 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 48.185 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN060098.D

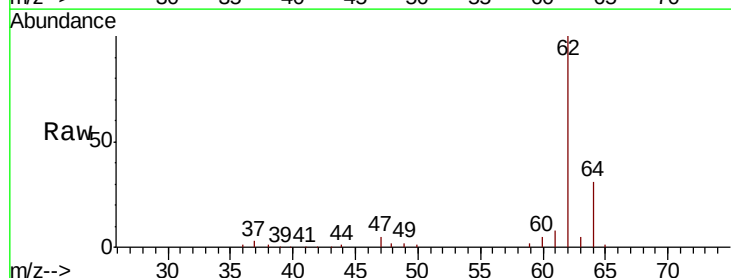
Acq: 14 Feb 2020 9:29

Tgt Ion: 62 Resp: 130266

Ion Ratio Lower Upper

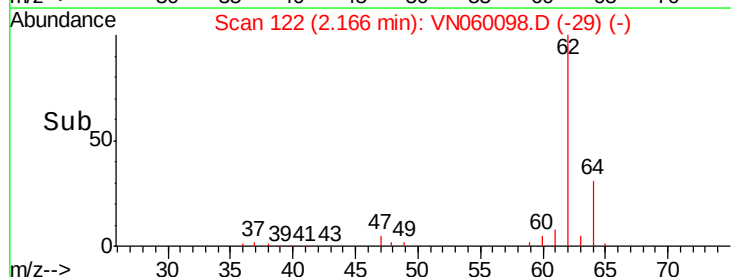
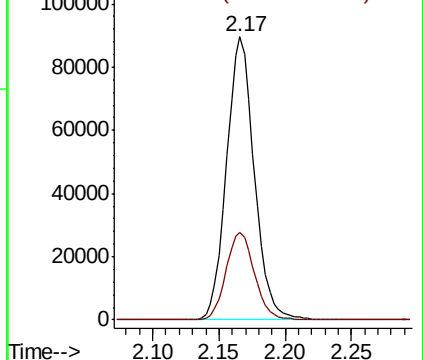
62 100

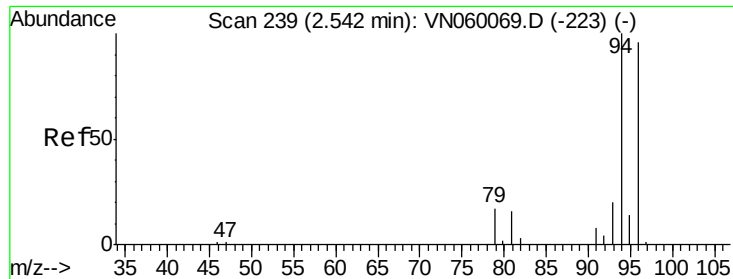
64 30.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

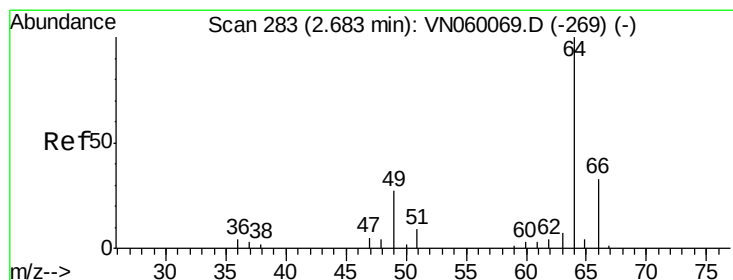
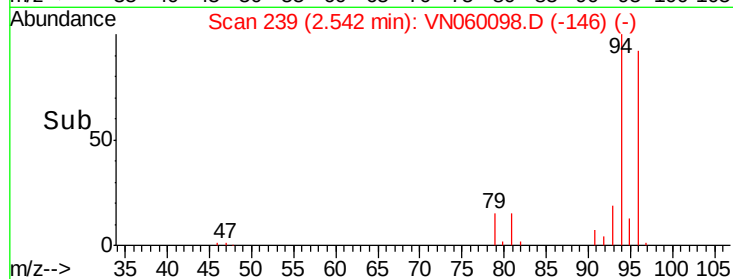
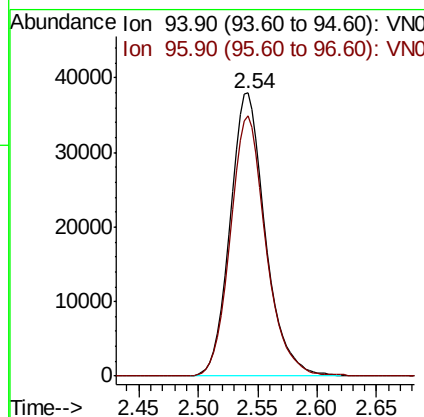
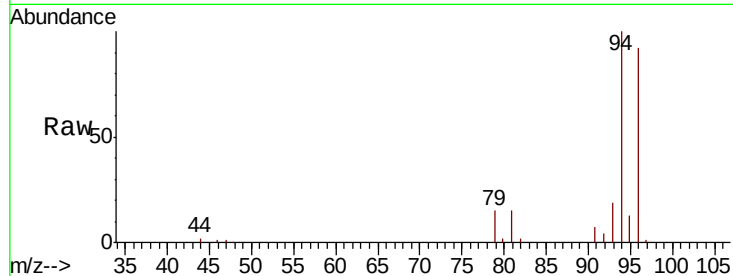




#5
Bromomethane
Concen: 46.985 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

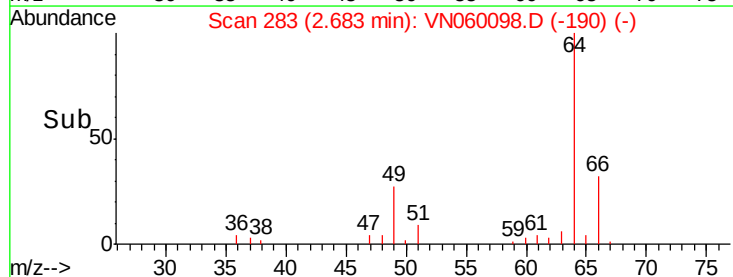
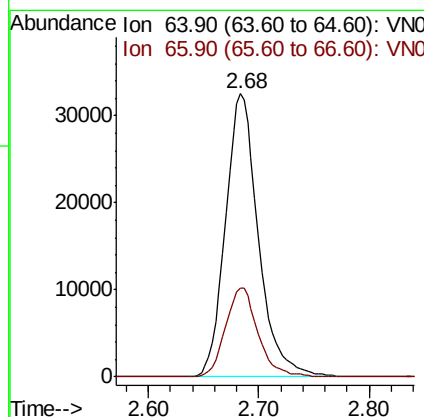
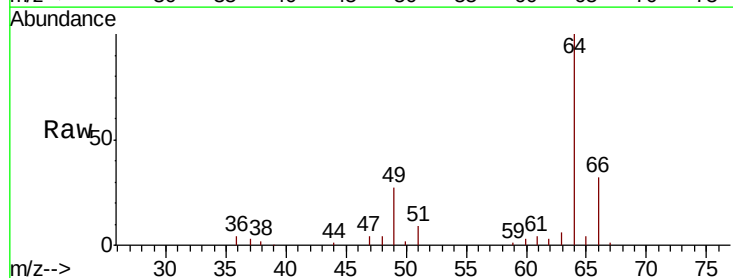
Instrument :
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ClientSampleId :

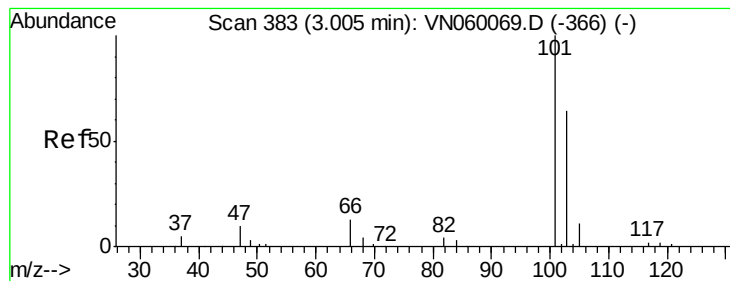
Tot Ion: 94 Resp: 77886
Ion Ratio Lower Upper
94 100
96 91.8 76.7 115.1



#6
Chloroethane
Concen: 49.134 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion: 64 Resp: 67186
Ion Ratio Lower Upper
64 100
66 31.6 26.6 40.0



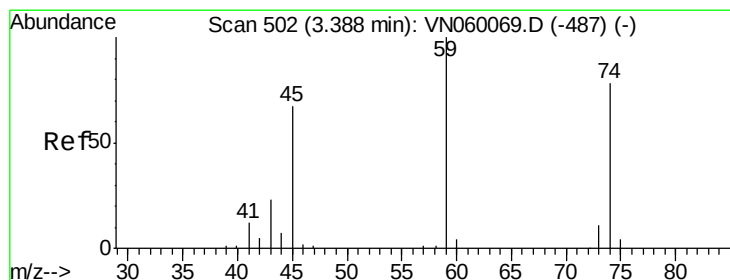
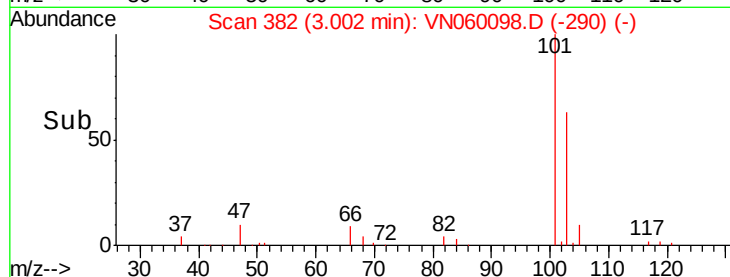
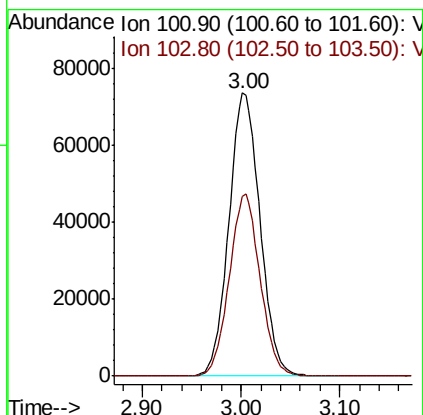
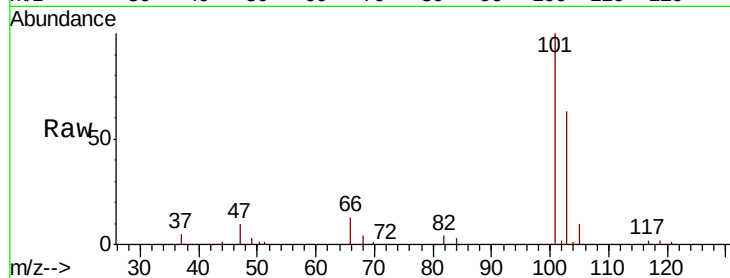


#7

Trichlorofluoromethane
Concen: 46.514 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Instrument :
MSVOA_N
ClientSampleId :

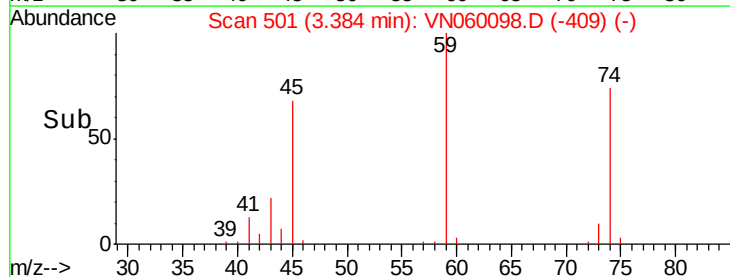
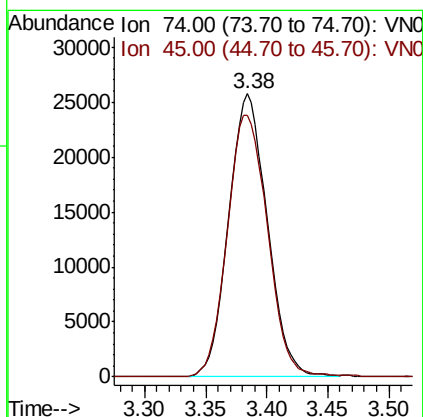
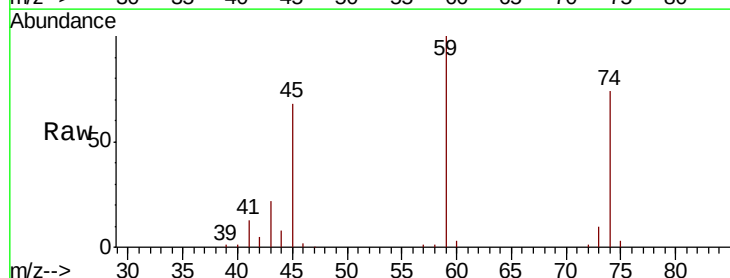
Tot Ion: 101 Resp: 162126
Ion Ratio Lower Upper
101 100
103 63.3 51.0 76.6

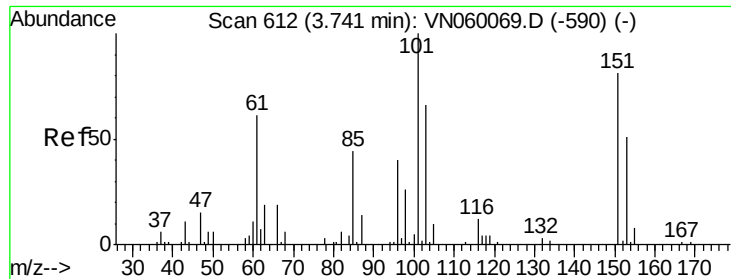


#8

Diethyl Ether
Concen: 48.826 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion: 74 Resp: 56651
Ion Ratio Lower Upper
74 100
45 96.5 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.455 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.01 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

ClientSampleId :

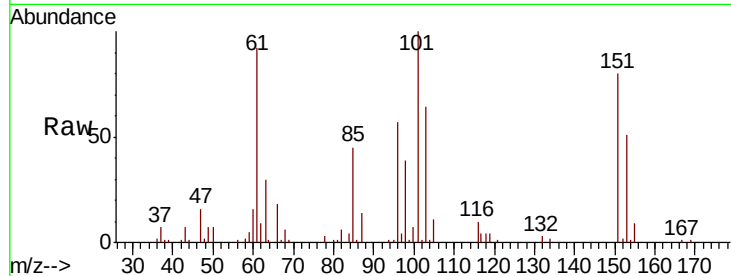
Tot Ion:101 Resp: 89898

Ion Ratio Lower Upper

101 100

85 45.1 35.1 52.7

151 81.5 65.8 98.6

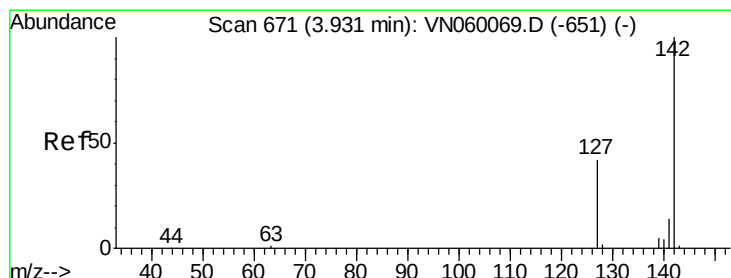
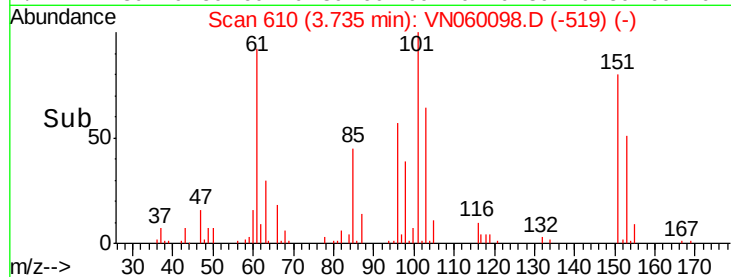
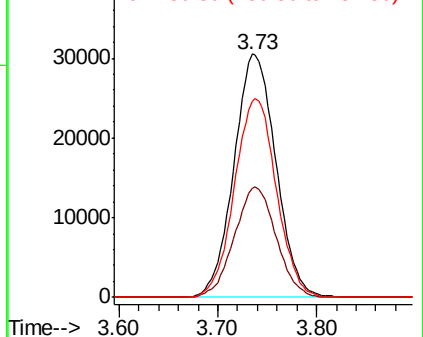


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.980 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

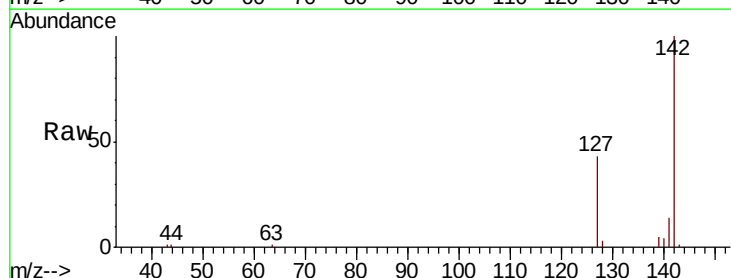
Tgt Ion:142 Resp: 121770

Ion Ratio Lower Upper

142 100

127 43.1 33.6 50.4

141 14.1 11.4 17.2

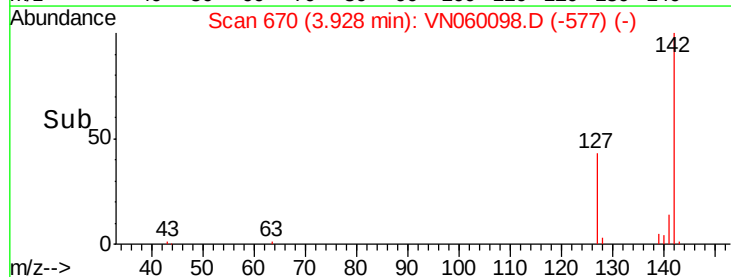
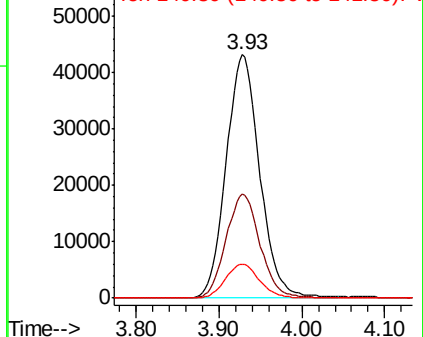


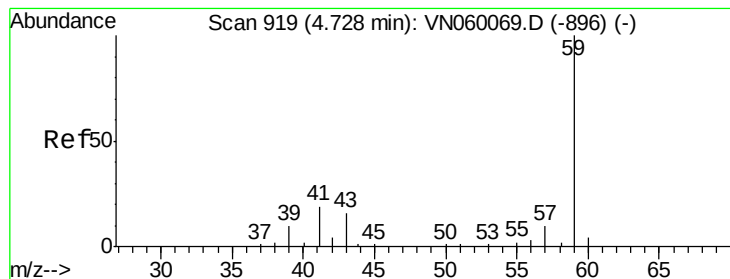
Abundance

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



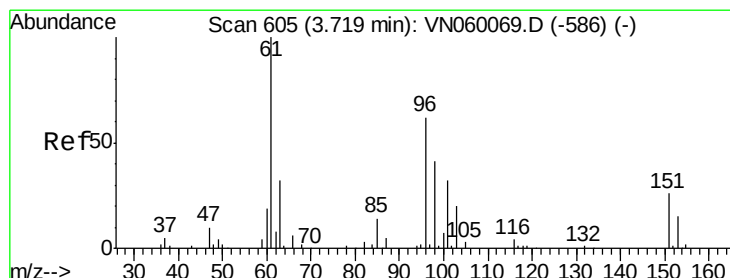
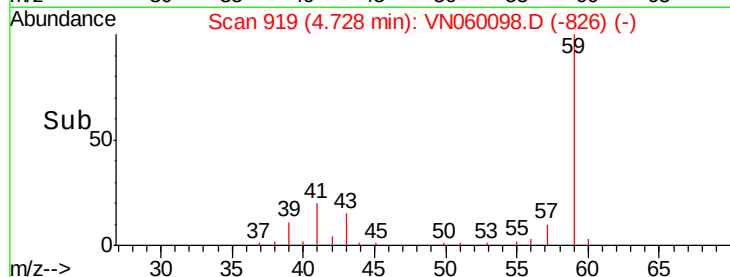
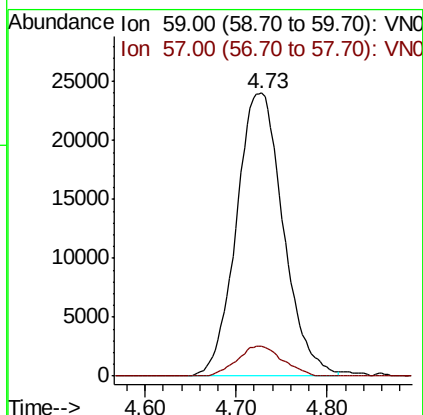
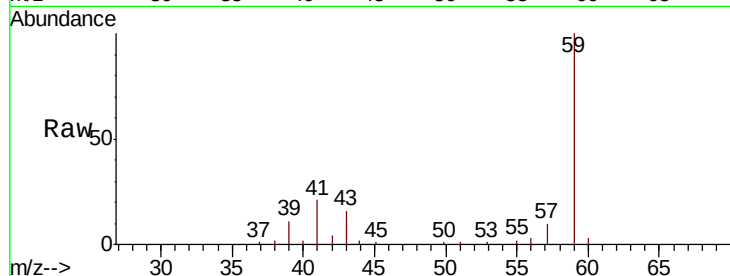


#11

Tert butyl alcohol
 Concen: 236.857 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Instrument :
 MSVOA_N
 ClientSampled :

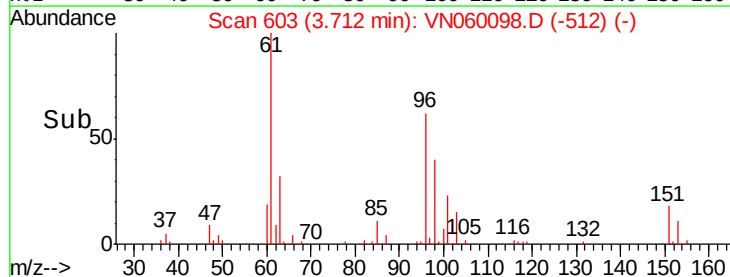
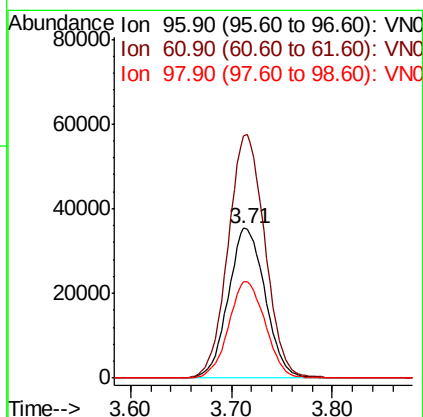
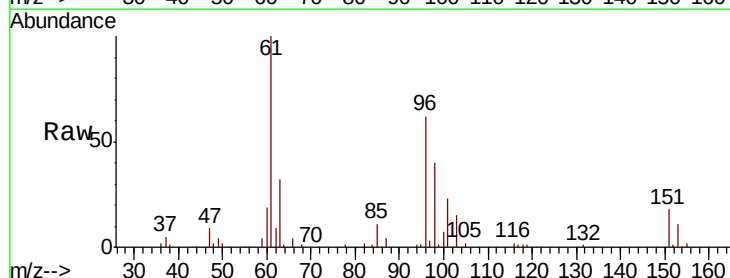
Tot Ion: 59 Resp: 85998
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

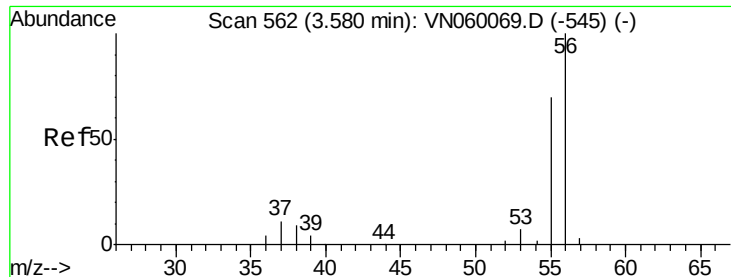


#12

1,1-Dichloroethene
 Concen: 47.648 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Tgt Ion: 96 Resp: 89826
 Ion Ratio Lower Upper
 96 100
 61 161.2 128.3 192.5
 98 64.5 52.2 78.4

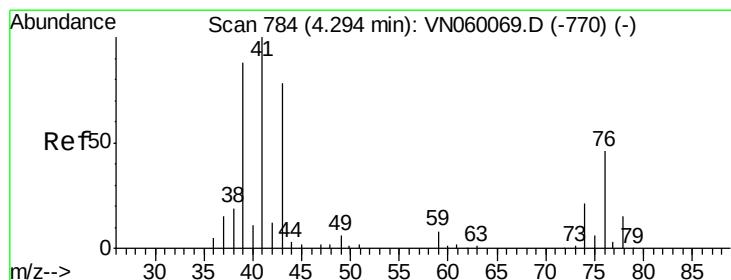
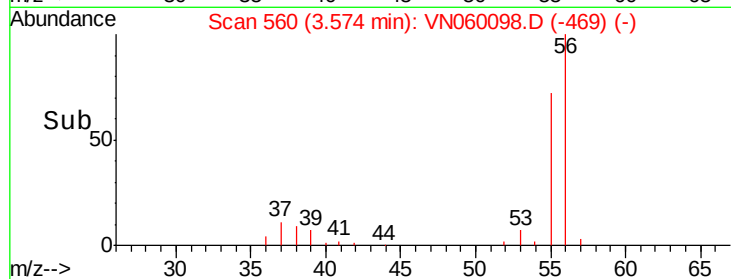
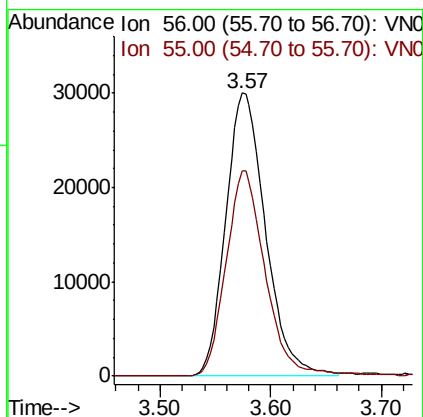
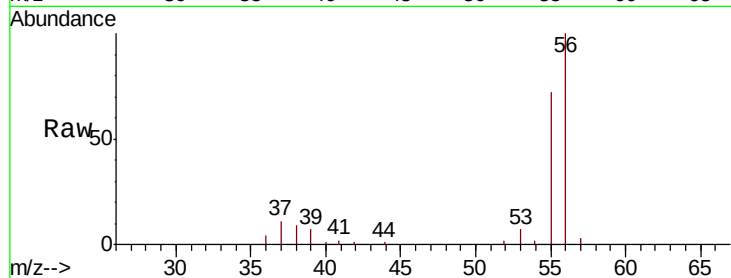




#13
Acrolein
Concen: 208.882 ug/l
RT: 3.57 min Scan# 560
Delta R.T. -0.01 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

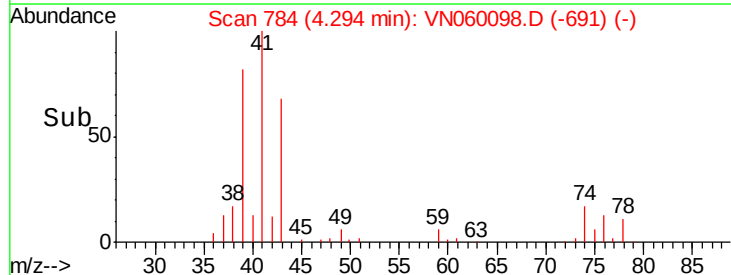
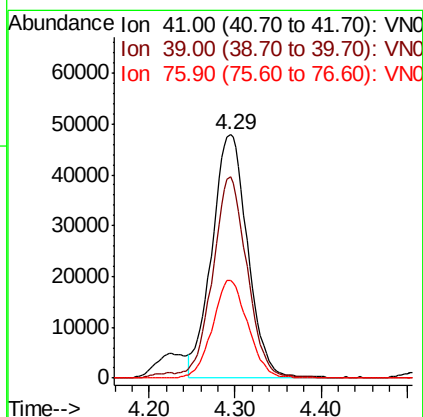
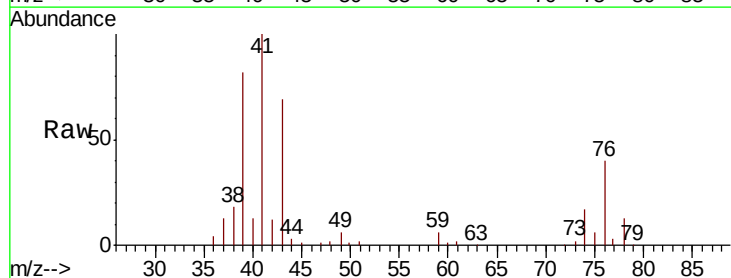
Instrument :
MSVOA_N
ClientSampleId :

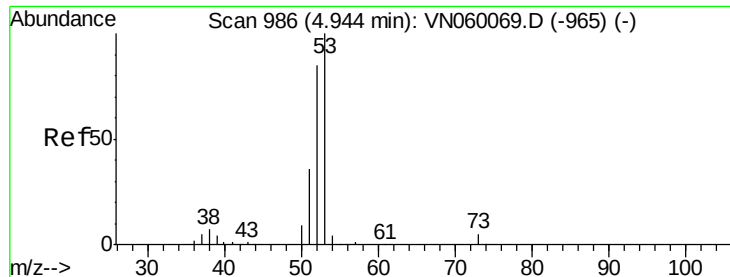
Tot Ion: 56 Resp: 74964
Ion Ratio Lower Upper
56 100
55 71.4 54.8 82.2



#14
Allyl chloride
Concen: 49.965 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion: 41 Resp: 138639
Ion Ratio Lower Upper
41 100
39 78.4 67.8 101.8
76 39.5 33.9 50.9





#15

Acrylonitrile

Concen: 259.283 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

ClientSampled :

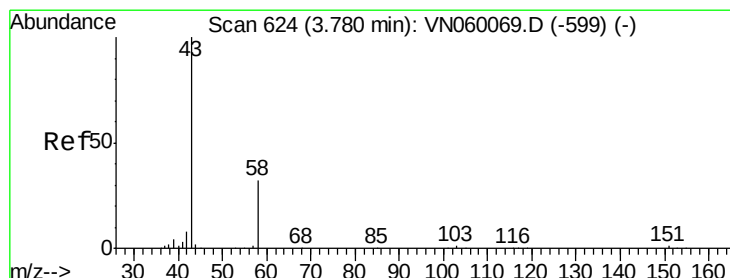
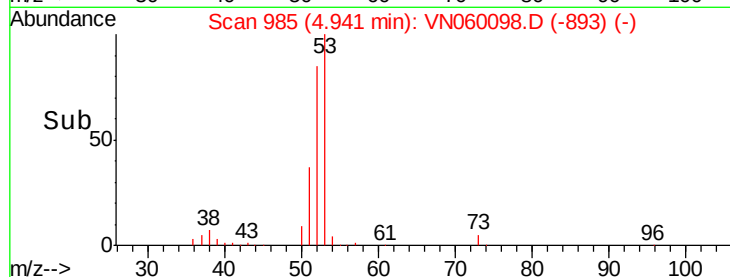
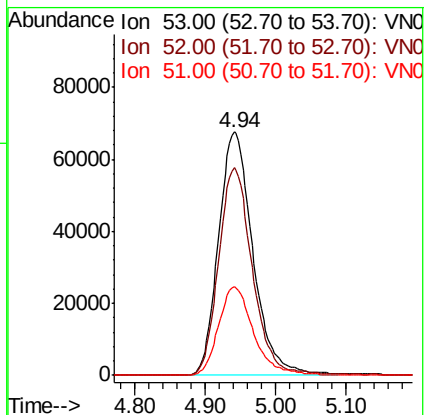
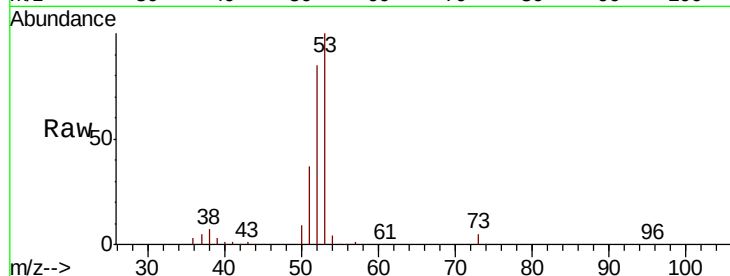
Tot Ion: 53 Resp: 229903

Ion Ratio Lower Upper

53 100

52 83.5 66.8 100.2

51 37.0 29.4 44.0



#16

Acetone

Concen: 277.422 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060098.D

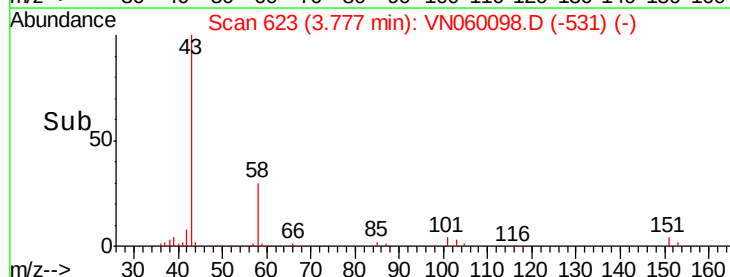
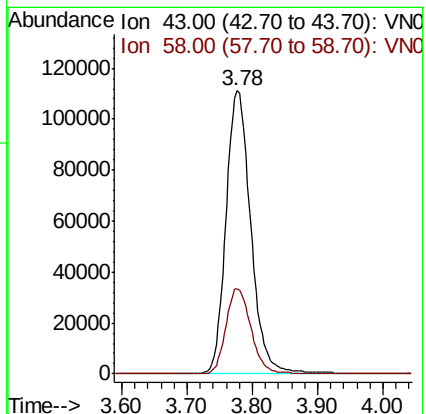
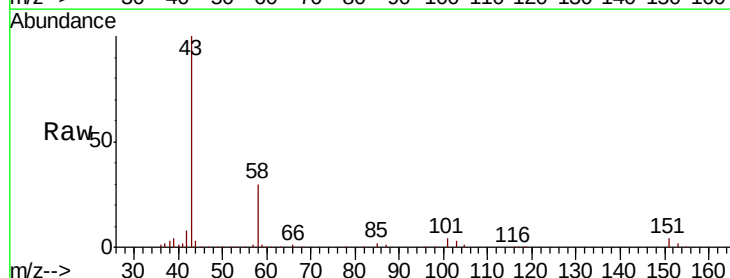
Acq: 14 Feb 2020 9:29

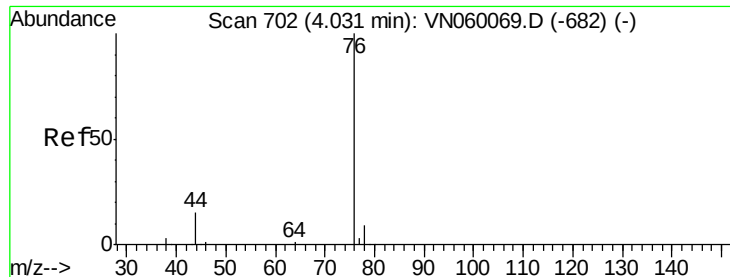
Tgt Ion: 43 Resp: 293603

Ion Ratio Lower Upper

43 100

58 30.2 25.2 37.8

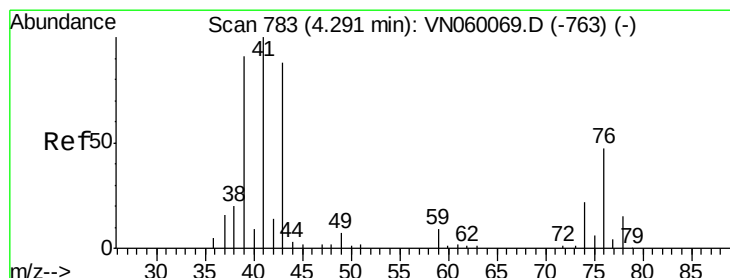
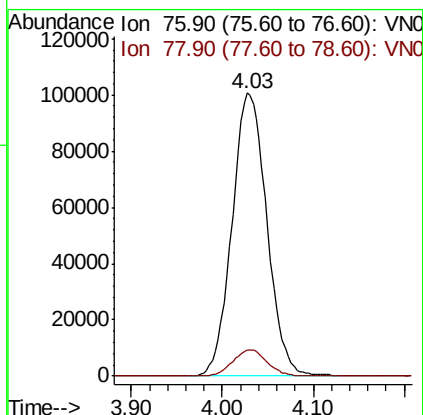
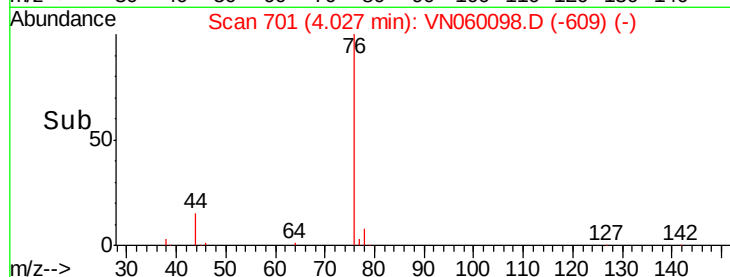
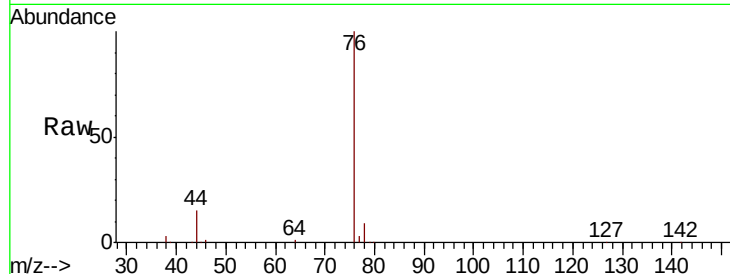




#17
Carbon Disulfide
Concen: 47.005 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

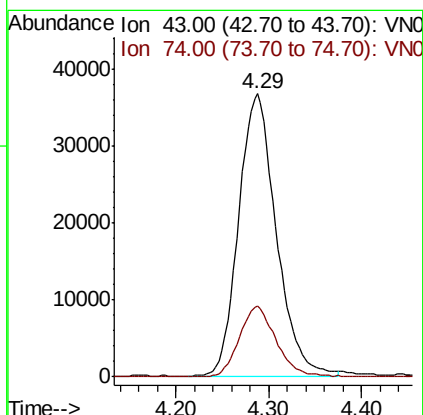
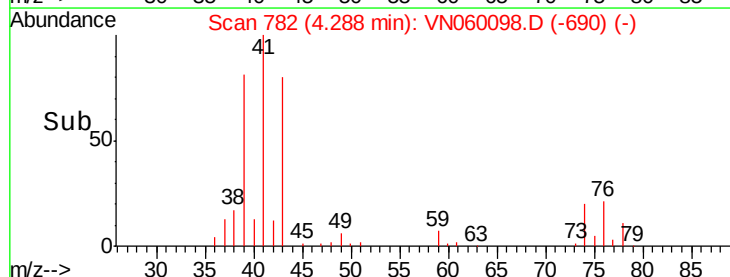
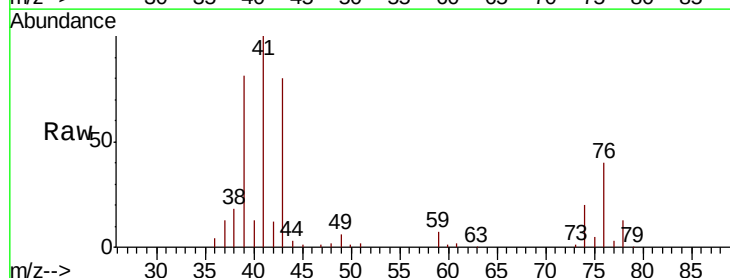
Instrument :
MSVOA_N
ClientSampled :

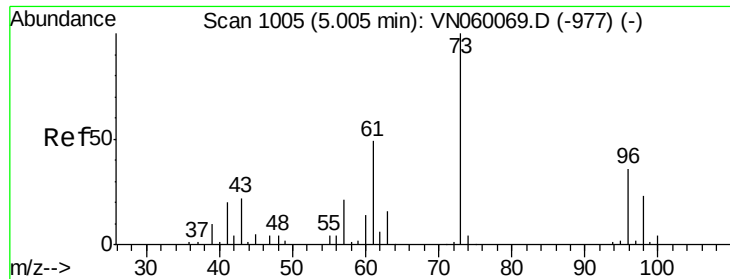
Tot Ion: 76 Resp: 267096
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 52.399 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion: 43 Resp: 104174
Ion Ratio Lower Upper
43 100
74 24.2 20.3 30.5

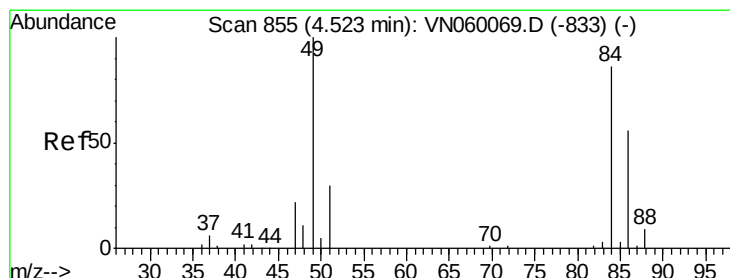
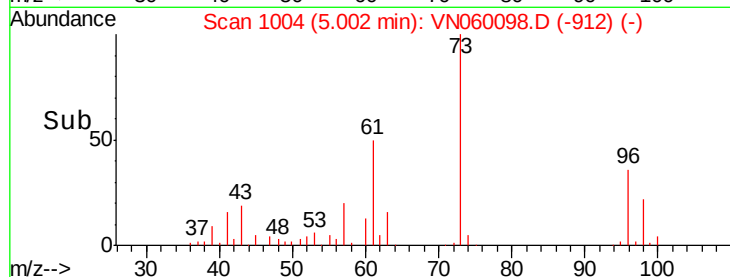
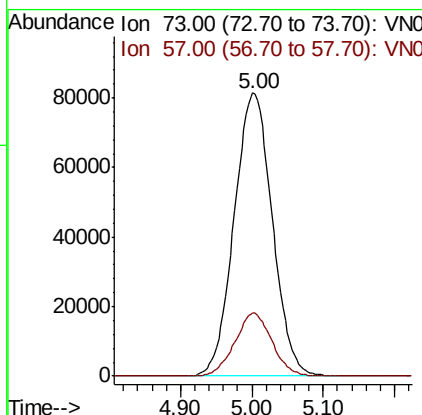
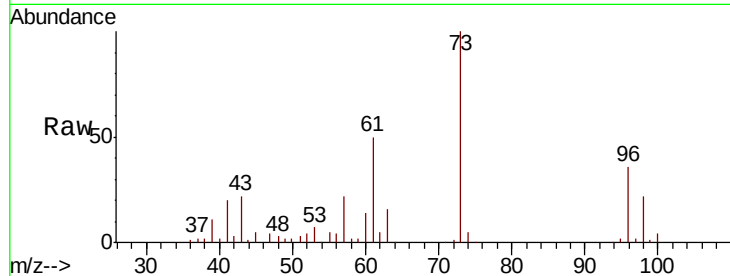




#19
Methyl tert-butyl Ether
Concen: 47.838 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

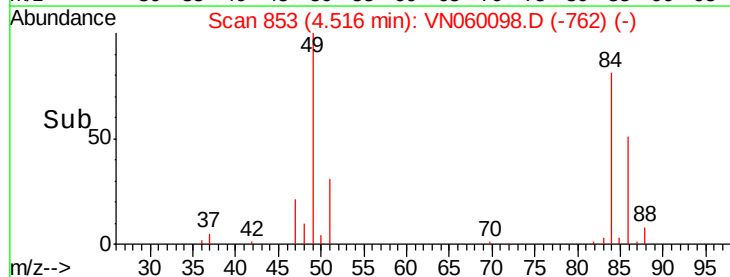
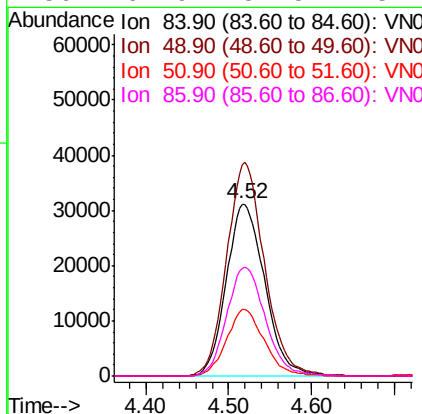
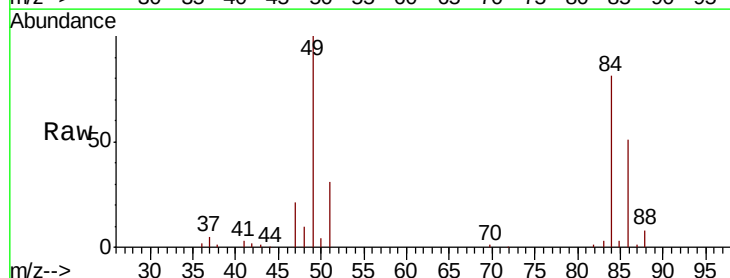
Instrument :
MSVOA_N
ClientSampled :

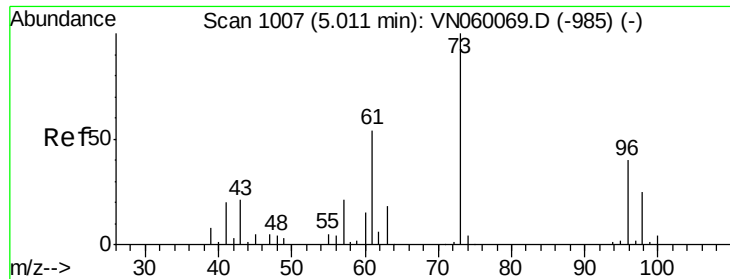
Tot Ion: 73 Resp: 303278
Ion Ratio Lower Upper
73 100
57 22.2 17.2 25.8



#20
Methylene Chloride
Concen: 47.447 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion: 84 Resp: 100181
Ion Ratio Lower Upper
84 100
49 123.2 93.4 140.0
51 38.6 28.4 42.6
86 62.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.484 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

ClientSampleId :

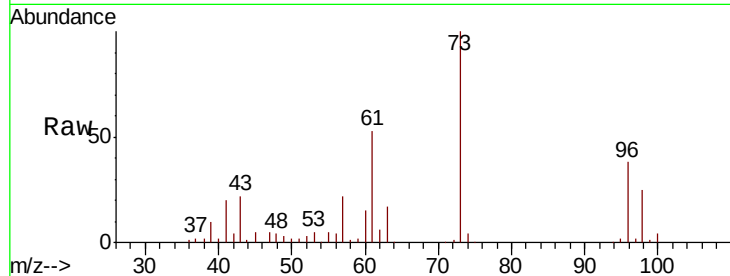
Tot Ion: 96 Resp: 97579

Ion Ratio Lower Upper

96 100

61 140.5 109.3 163.9

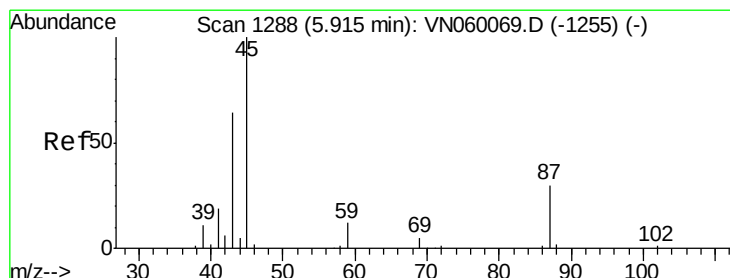
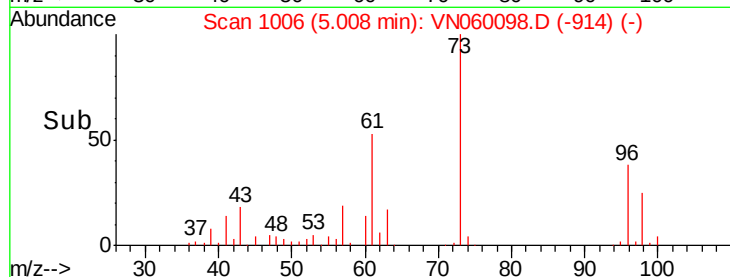
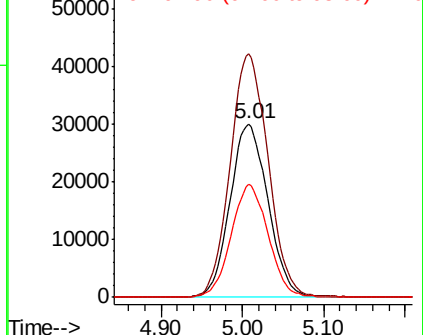
98 65.4 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VN060098.D (-985) (-)

Ion 60.90 (60.60 to 61.60): VN060098.D (-985) (-)

Ion 97.90 (97.60 to 98.60): VN060098.D (-985) (-)



#22

Diisopropyl ether

Concen: 51.203 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Tgt Ion: 45 Resp: 311365

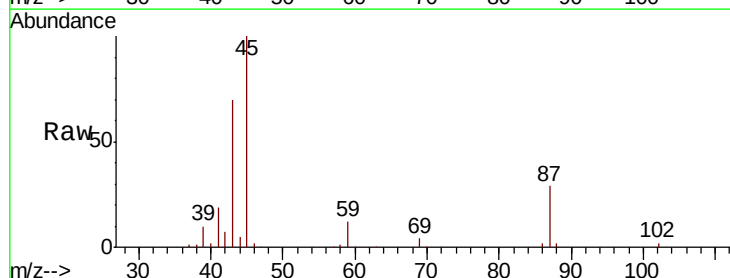
Ion Ratio Lower Upper

45 100

43 68.6 55.9 83.9

87 28.8 24.5 36.7

59 11.7 9.9 14.9

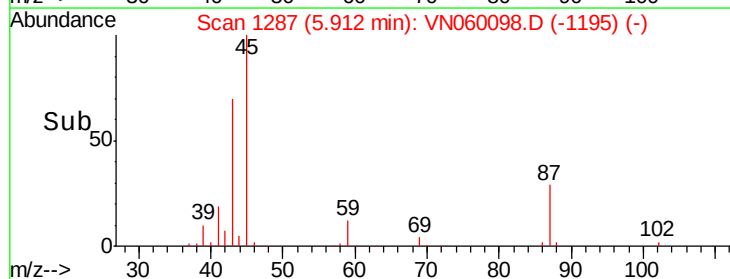
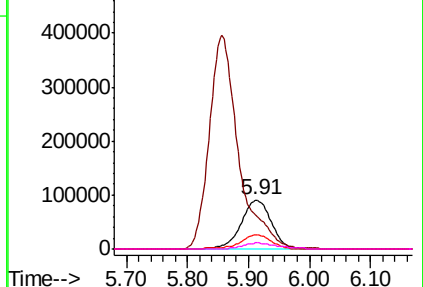


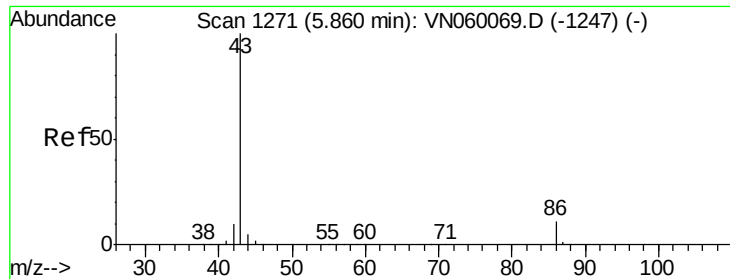
Abundance Ion 45.00 (44.70 to 45.70): VN060098.D (-1195) (-)

Ion 43.00 (42.70 to 43.70): VN060098.D (-1195) (-)

Ion 87.00 (86.70 to 87.70): VN060098.D (-1195) (-)

Ion 59.00 (58.70 to 59.70): VN060098.D (-1195) (-)

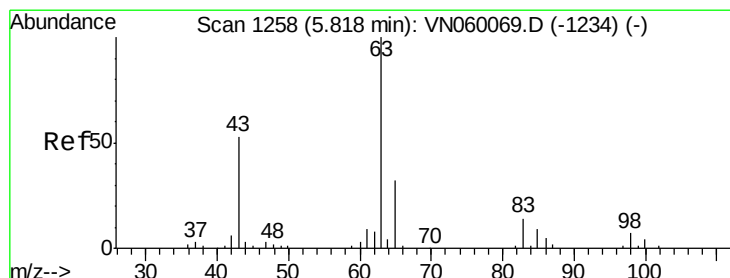
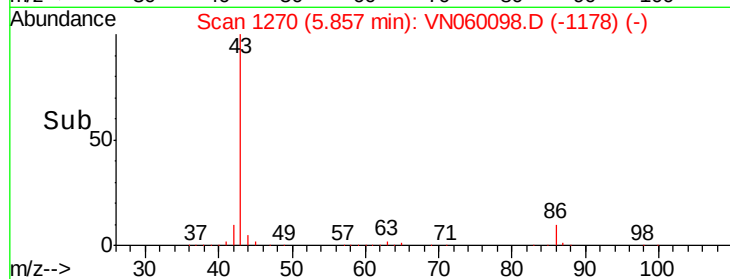
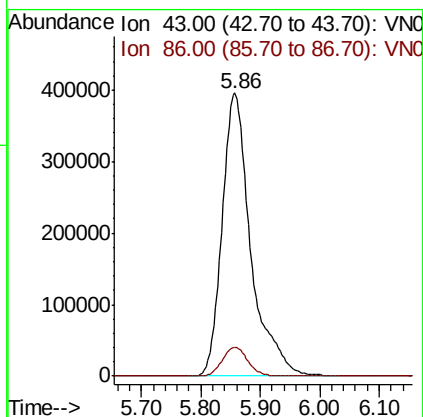
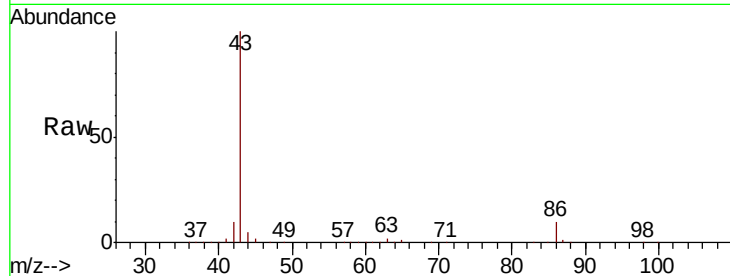




#23
 Vinyl Acetate
 Concen: 259.227 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

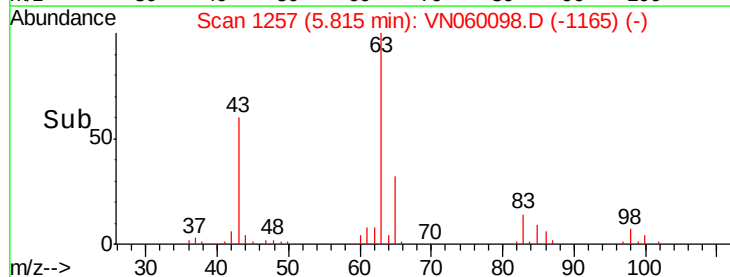
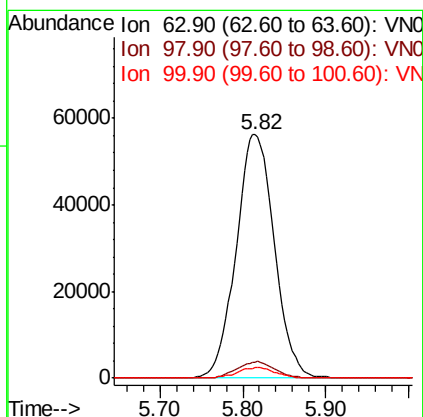
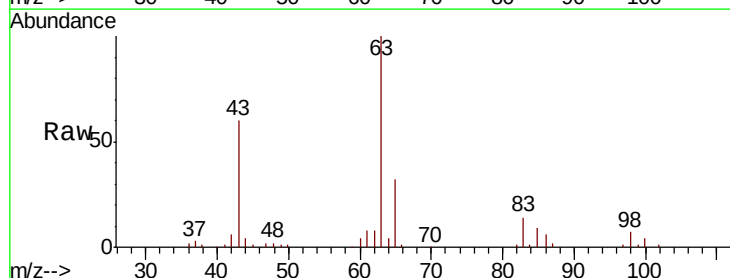
Instrument :
 MSVOA_N
 ClientSampled :

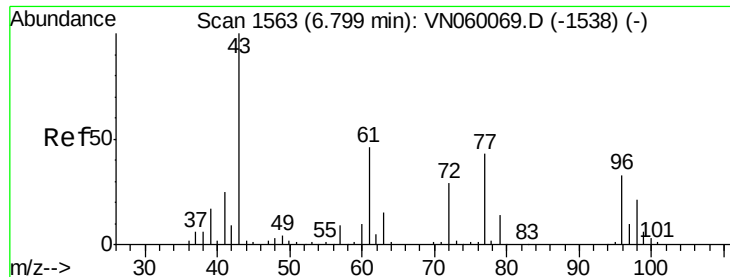
Tot Ion: 43 Resp: 1323786
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 48.858 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Tgt Ion: 63 Resp: 179984
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 277.275 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

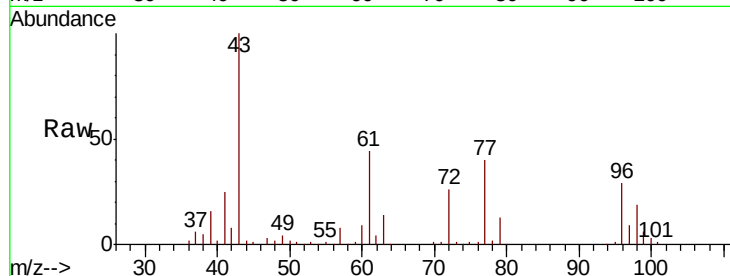
ClientSampled :

Tot Ion: 43 Resp: 369063

Ion Ratio Lower Upper

43 100

72 26.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1538) (-)

Ion 72.00 (71.70 to 72.70): VN060069.D (-1538) (-)

6.80

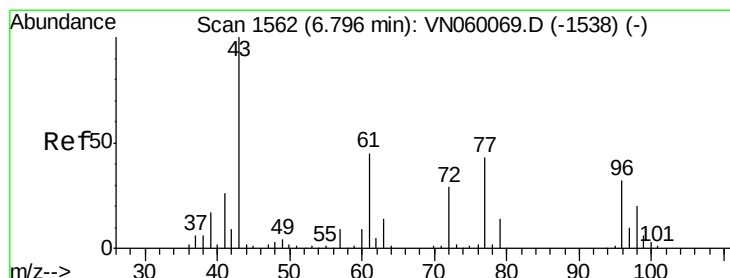
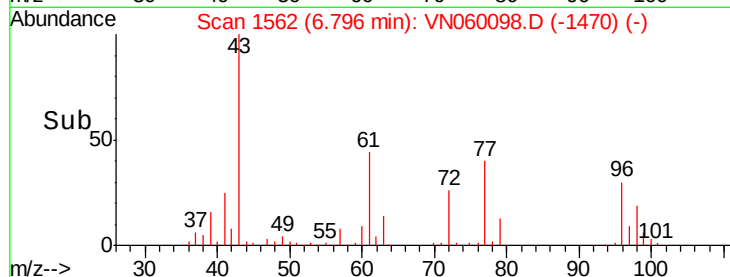
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.545 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060098.D

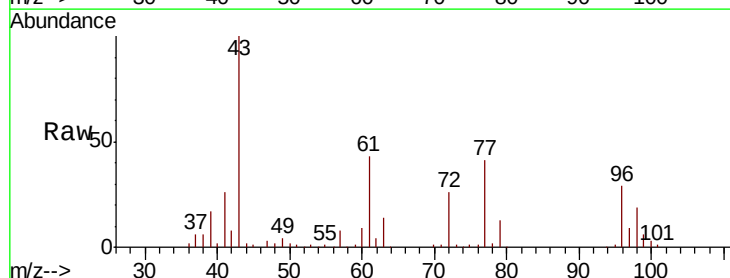
Acq: 14 Feb 2020 9:29

Tgt Ion: 77 Resp: 166359

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN060069.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN060069.D (-1538) (-)

6.79

60000

50000

40000

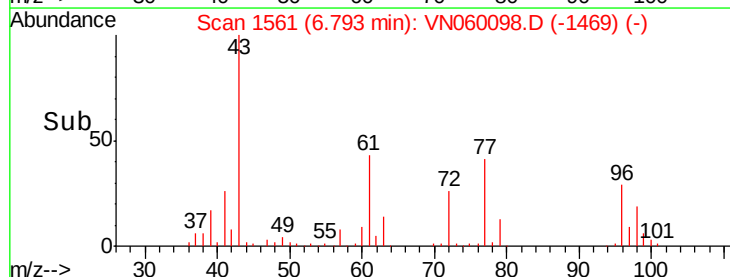
30000

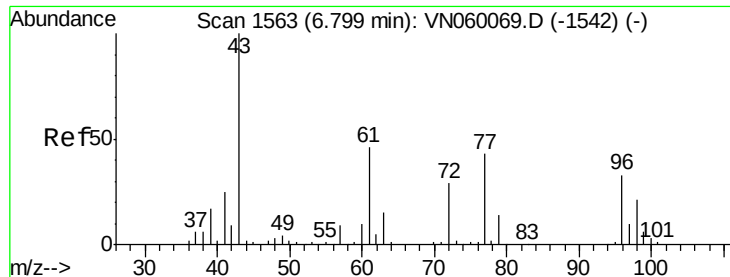
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 46.807 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :
MSVOA_N
ClientSampleId :

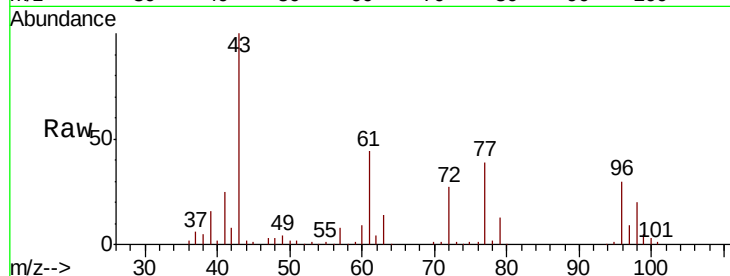
Tot Ion: 96 Resp: 112571

Ion Ratio Lower Upper

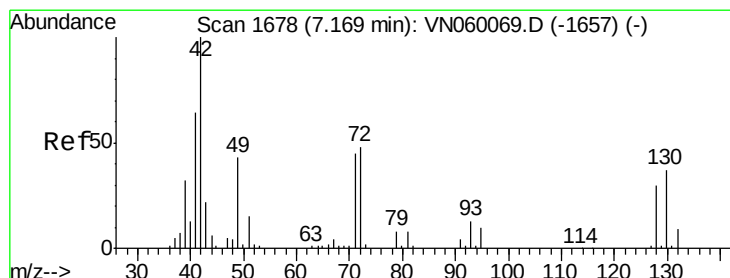
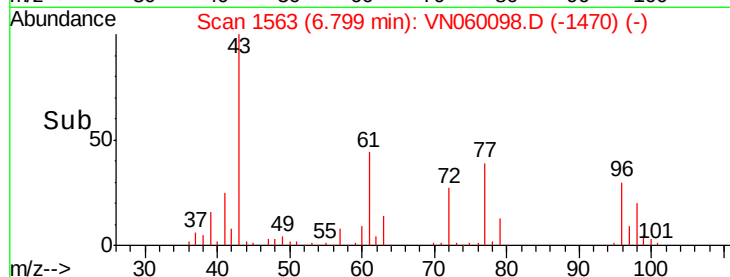
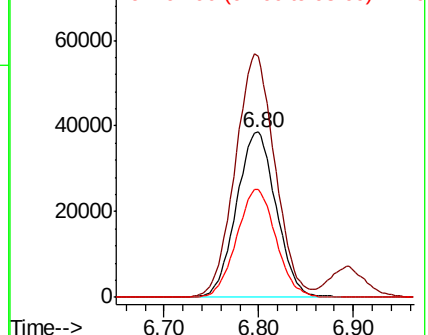
96 100

61 147.1 0.0 285.8

98 64.5 0.0 129.6



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



#28

Bromochloromethane

Concen: 49.027 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

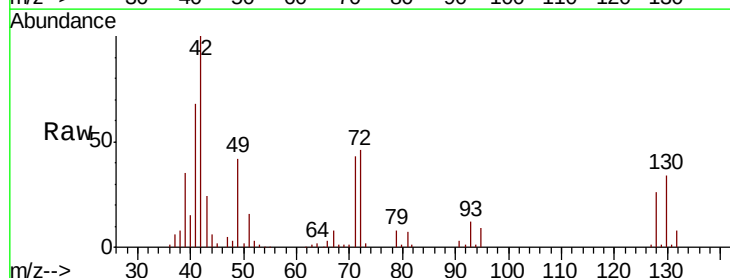
Tgt Ion: 49 Resp: 71003

Ion Ratio Lower Upper

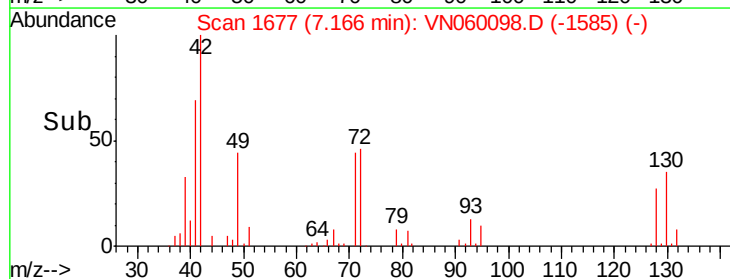
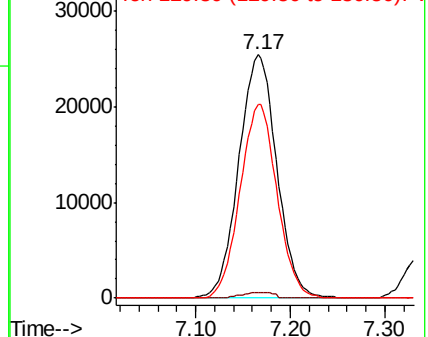
49 100

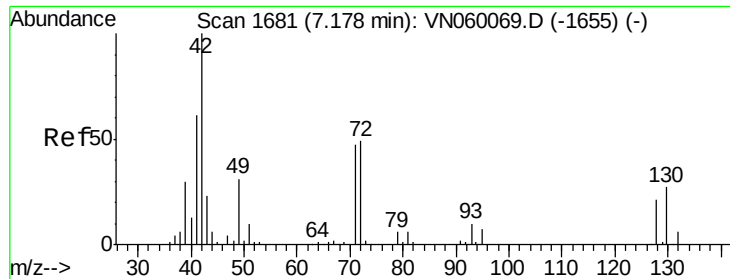
129 1.9 0.0 2.2

130 77.3 66.8 100.2



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

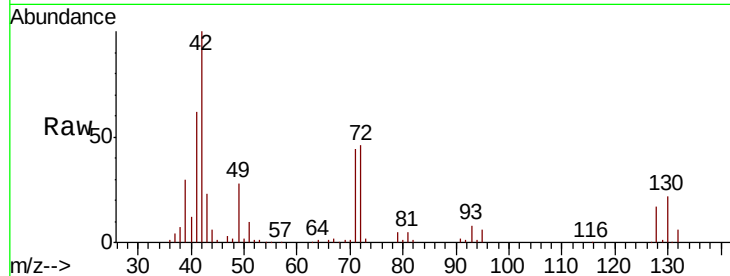




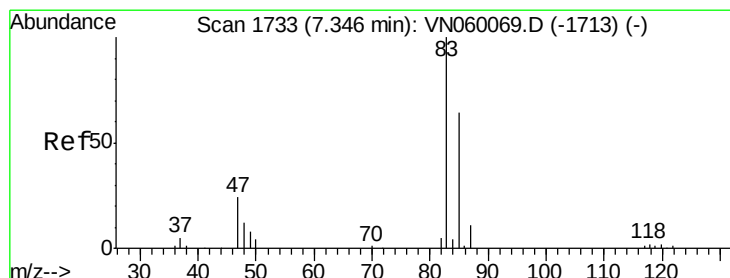
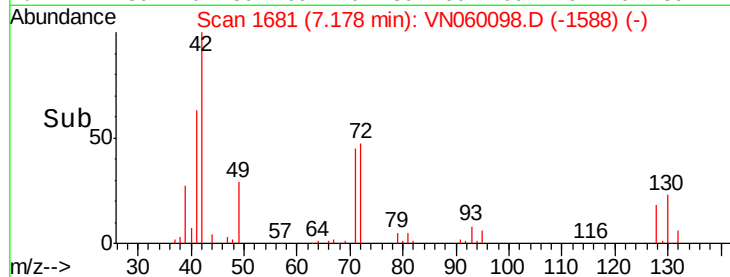
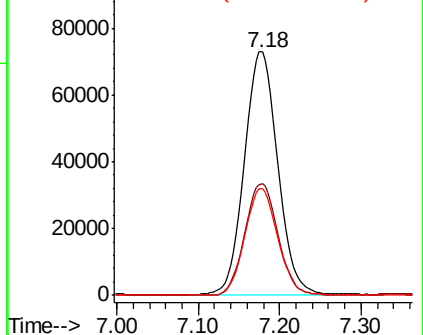
#29
Tetrahydrofuran
Concen: 253.140 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 206705
Ion Ratio Lower Upper
42 100
72 45.4 38.2 57.4
71 43.1 36.6 54.8

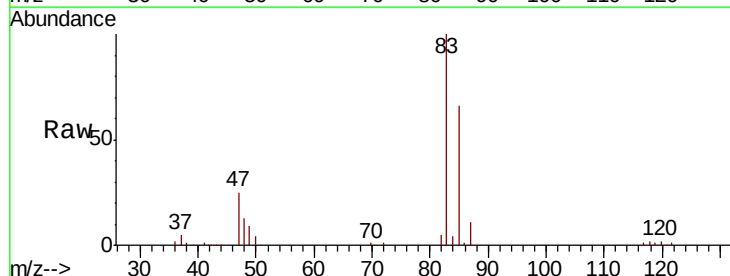


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

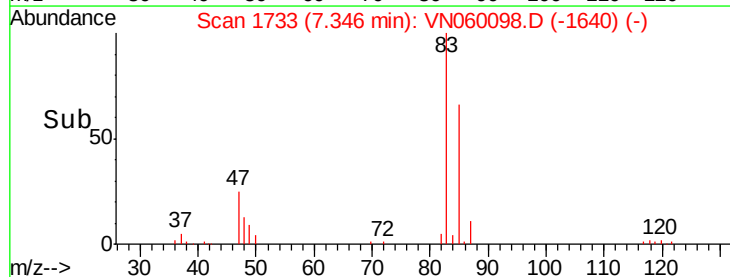
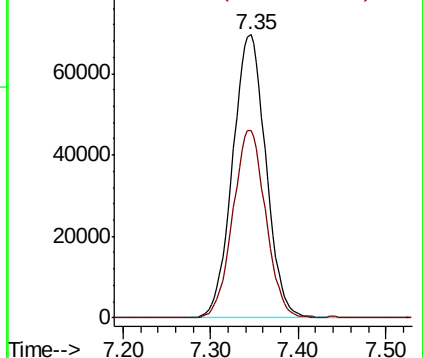


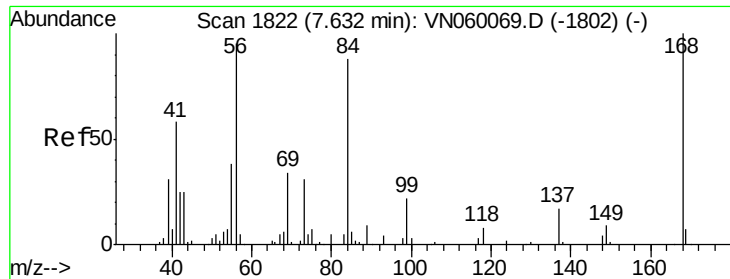
#30
Chloroform
Concen: 47.579 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion: 83 Resp: 183603
Ion Ratio Lower Upper
83 100
85 66.2 51.4 77.0



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

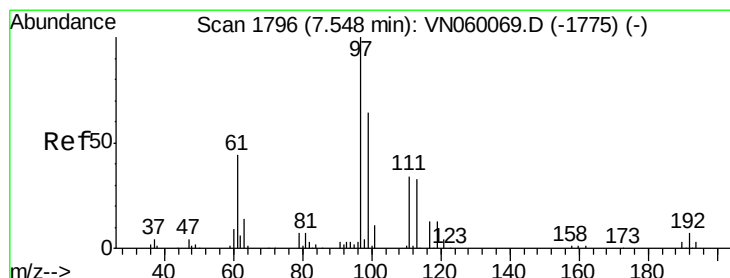
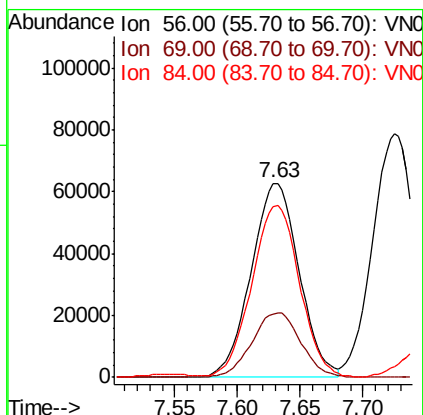
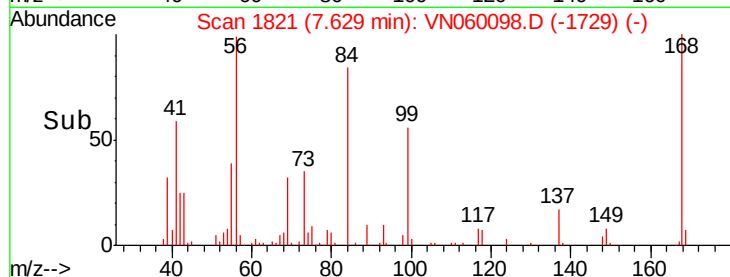
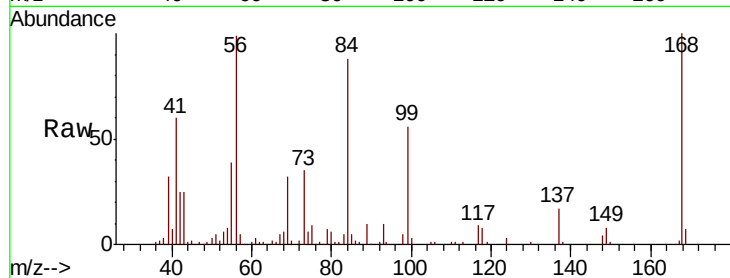




#31
Cyclohexane
Concen: 48.650 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

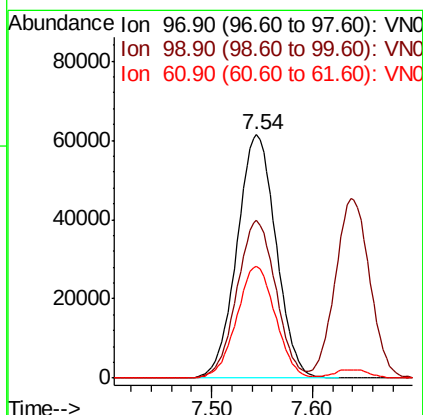
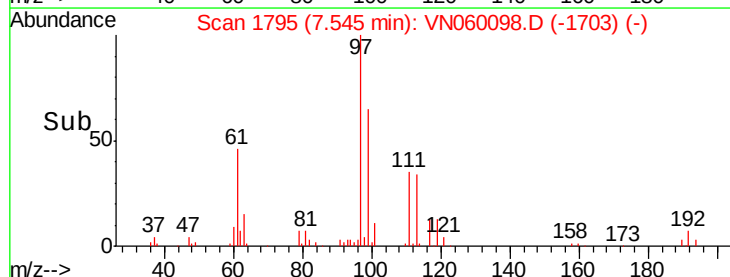
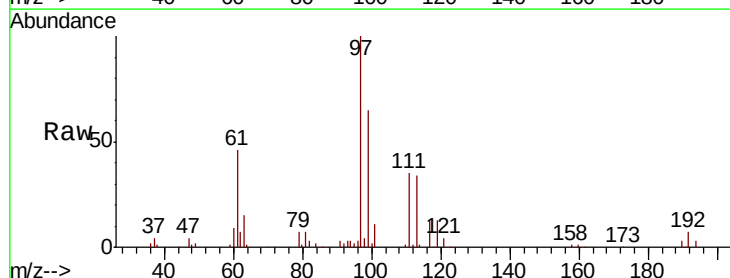
Instrument :
MSVOA_N
ClientSampleId :

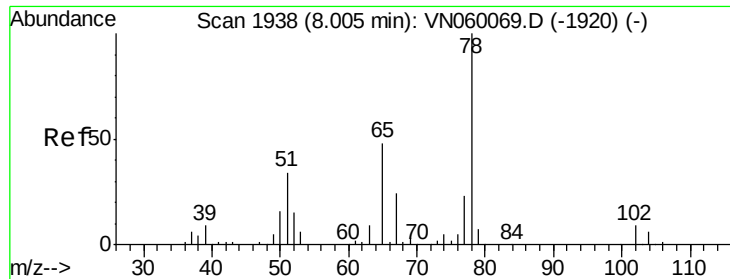
Tot Ion: 56 Resp: 166946
Ion Ratio Lower Upper
56 100
69 32.6 28.3 42.5
84 87.1 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 46.767 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion: 97 Resp: 164918
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 45.6 34.9 52.3

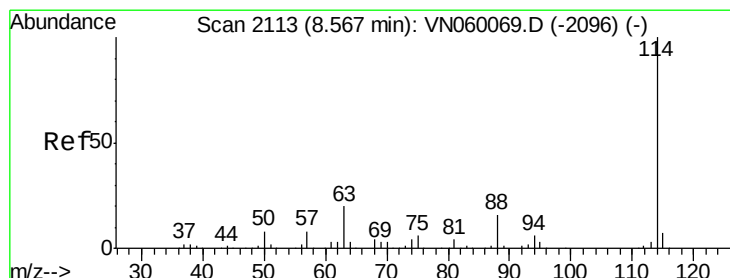
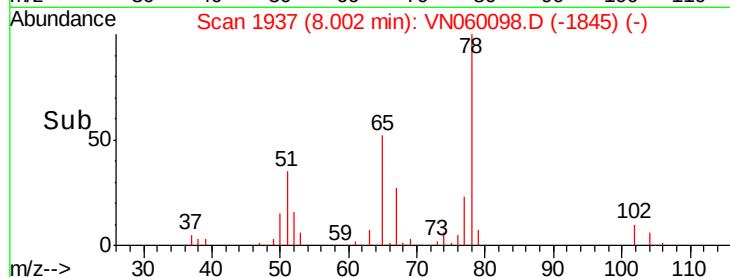
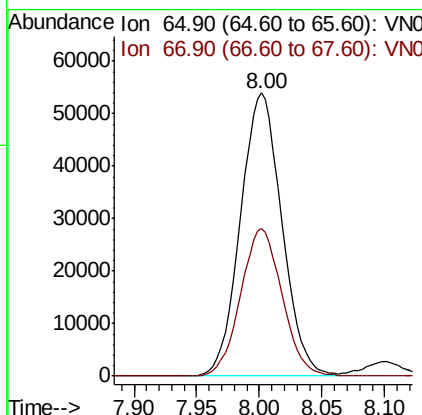
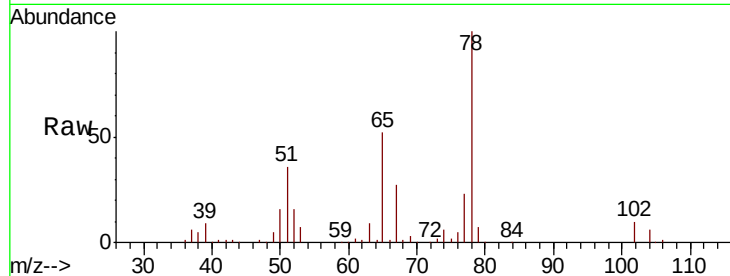




#33
 1,2-Dichloroethane-d4
 Concen: 51.135 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

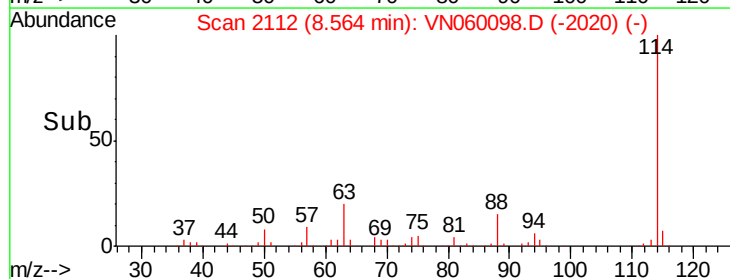
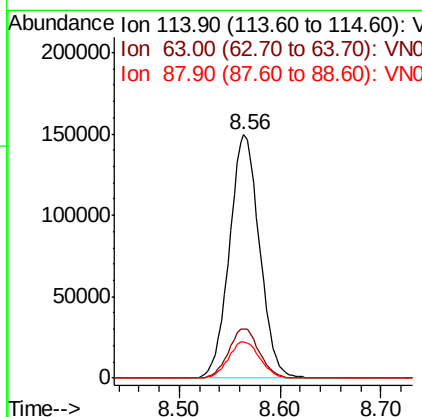
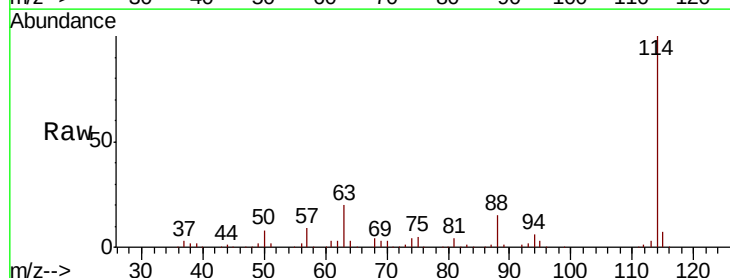
Instrument :
 MSVOA_N
 ClientSampled :

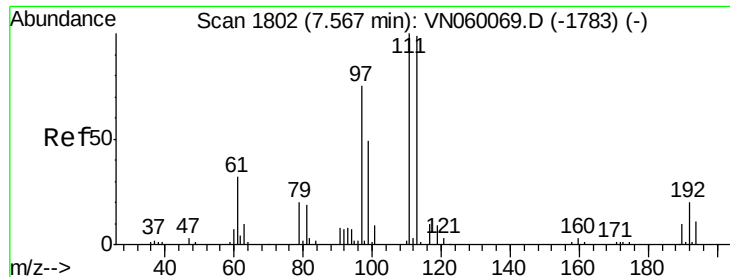
Tot Ion: 65 Resp: 124068
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Tgt Ion: 114 Resp: 310077
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 14.9 0.0 31.6

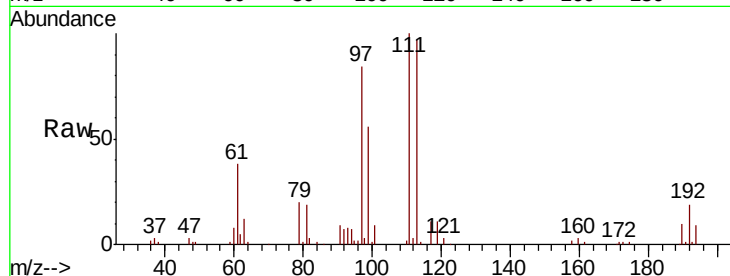




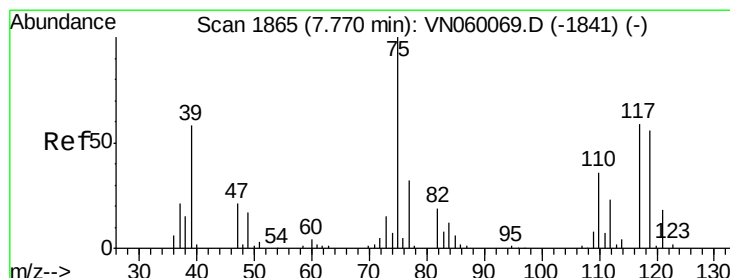
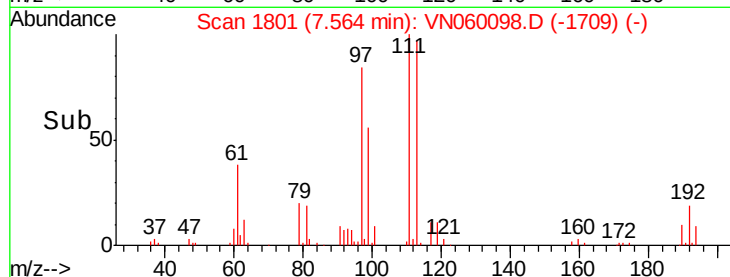
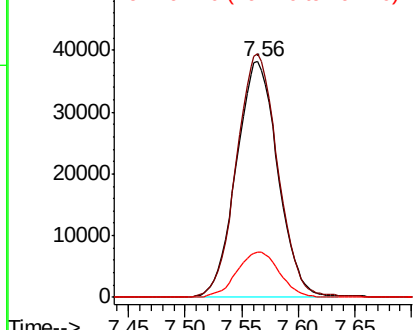
#35
 Dibromofluoromethane
 Concen: 51.106 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 97410
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.2
 192 19.6 16.2 24.2

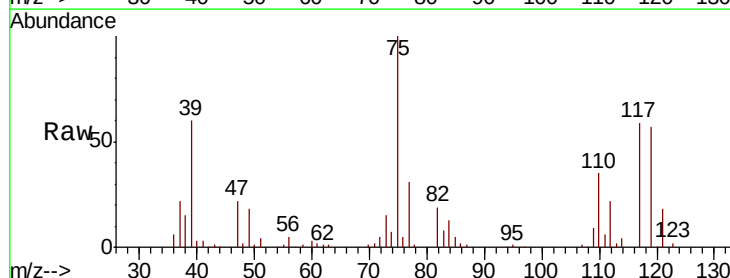


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

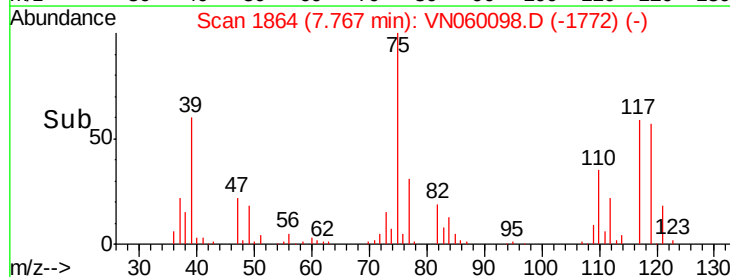
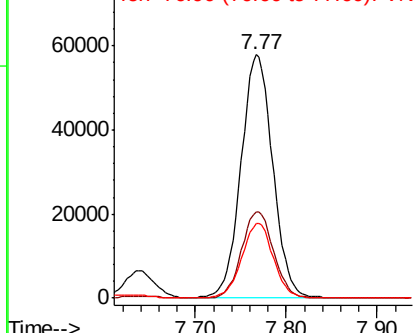


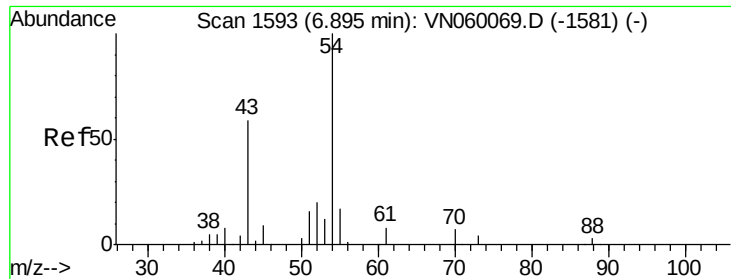
#36
 1,1-Dichloropropene
 Concen: 48.991 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Tgt Ion: 75 Resp: 140706
 Ion Ratio Lower Upper
 75 100
 110 35.4 18.1 54.3
 77 30.5 25.1 37.7



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

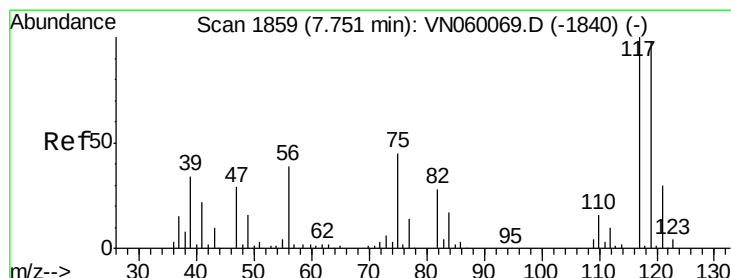
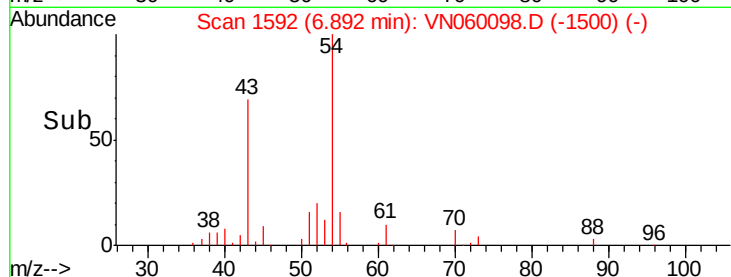
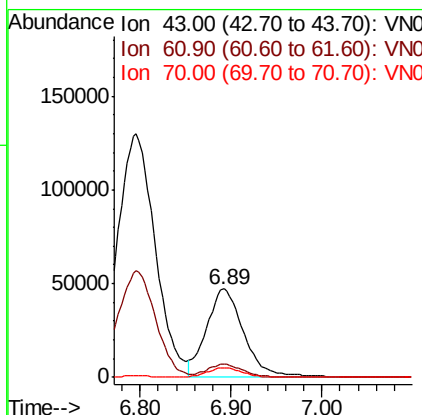
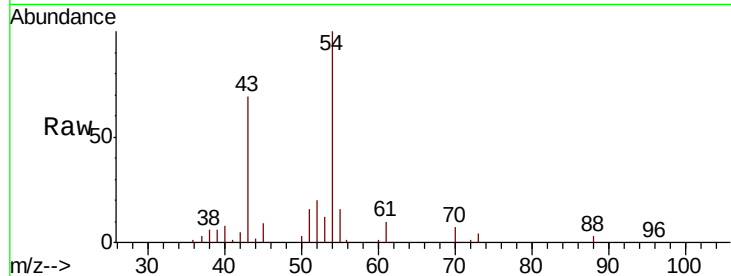




#37
Ethyl Acetate
Concen: 50.598 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

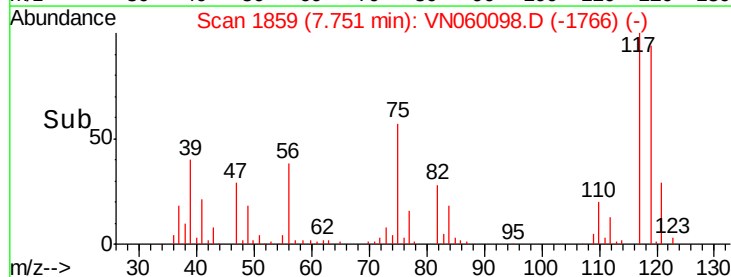
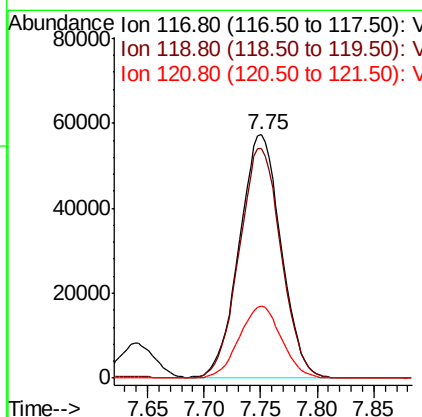
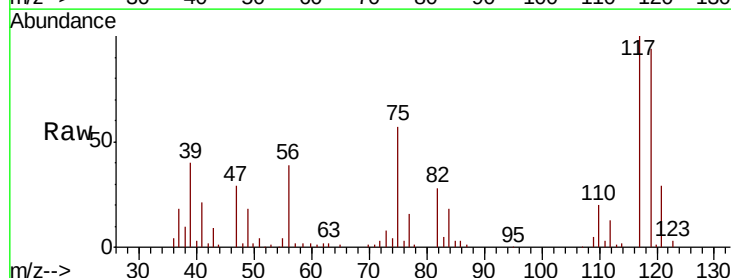
Instrument :
MSVOA_N
ClientSampled :

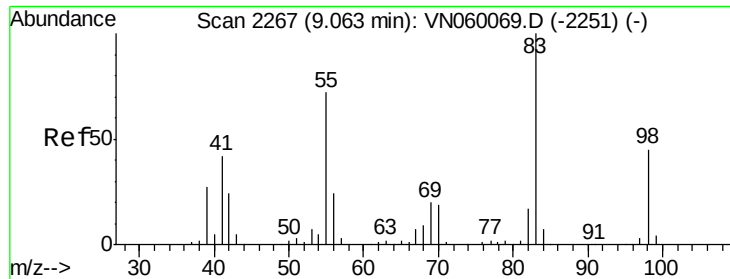
Tot Ion: 43 Resp: 131337
Ion Ratio Lower Upper
43 100
61 14.9 11.4 17.2
70 10.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 47.206 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion: 117 Resp: 147244
Ion Ratio Lower Upper
117 100
119 94.3 78.2 117.4
121 29.5 24.2 36.2

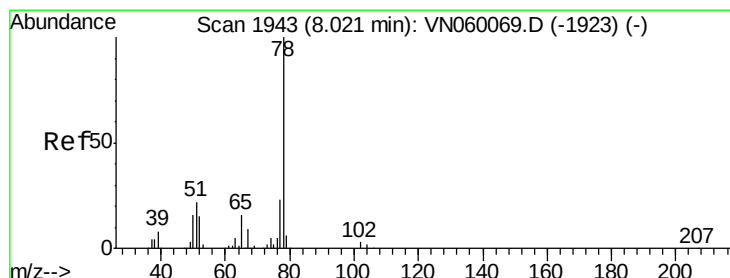
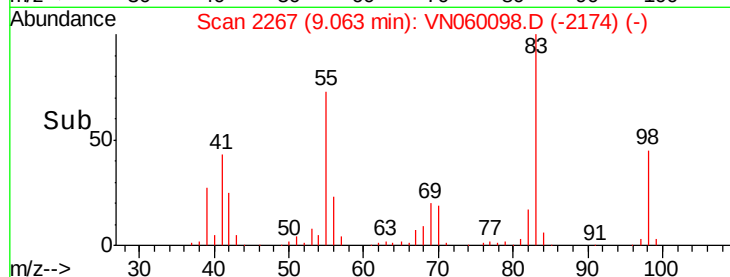
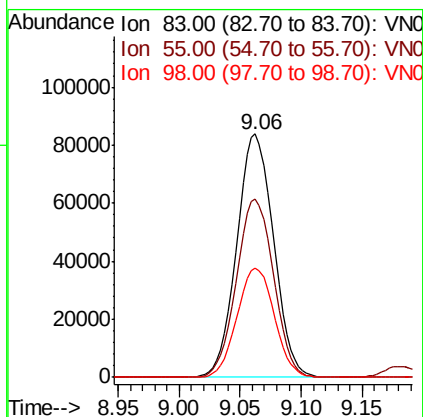
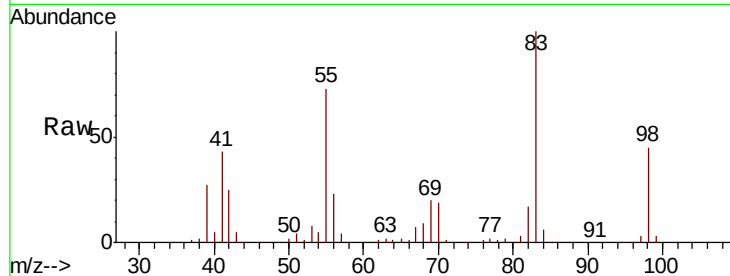




#39
Methylvlcyclohexane
Concen: 49.050 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

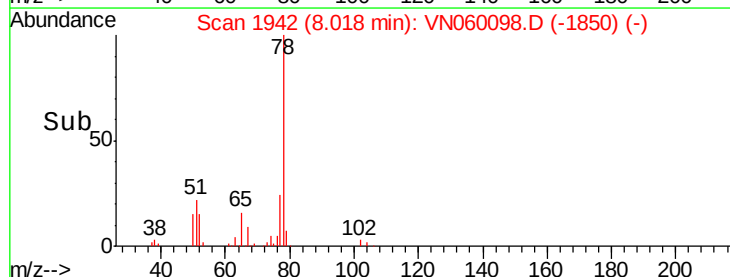
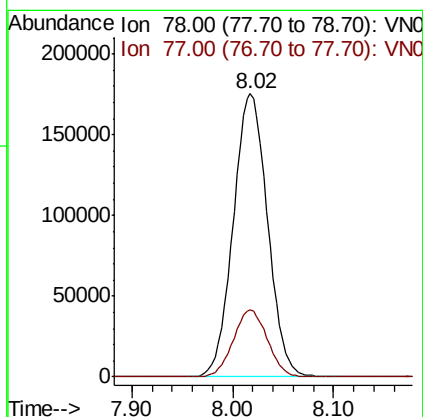
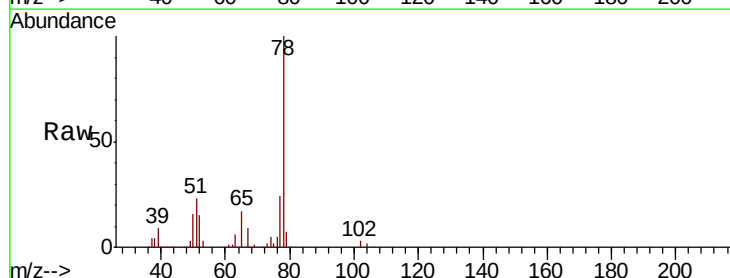
Instrument :
MSVOA_N
ClientSampled :

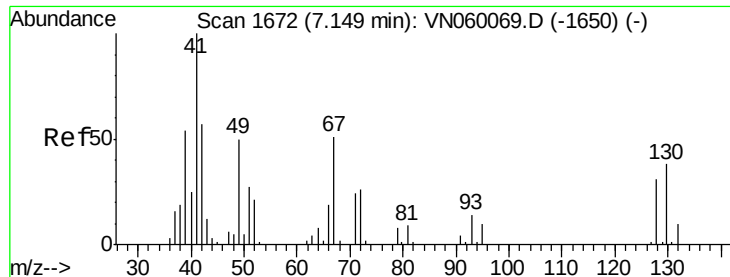
Tot Ion: 83 Resp: 174873
Ion Ratio Lower Upper
83 100
55 73.0 57.8 86.8
98 44.9 36.4 54.6



#40
Benzene
Concen: 48.562 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion: 78 Resp: 413734
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2





#41

Methacrylonitrile

Concen: 176.025 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.03 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 41 Resp: 191613

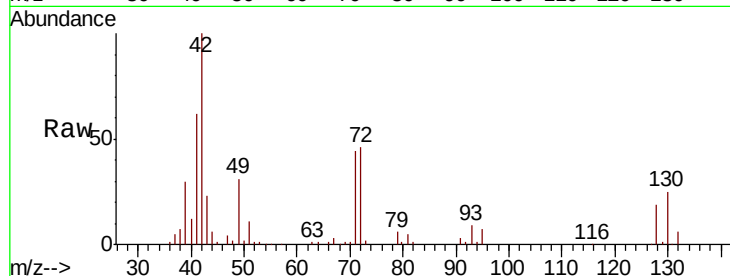
Ion Ratio Lower Upper

41 100

39 51.7 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

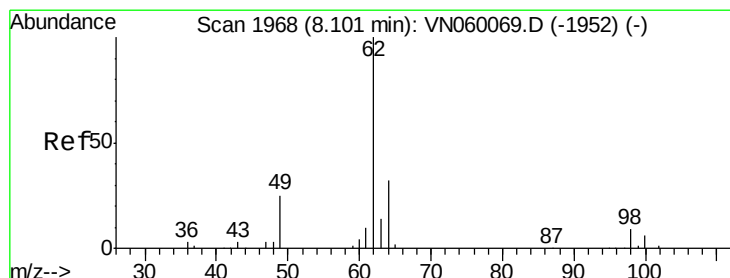
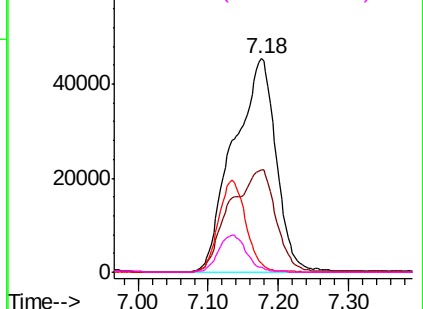
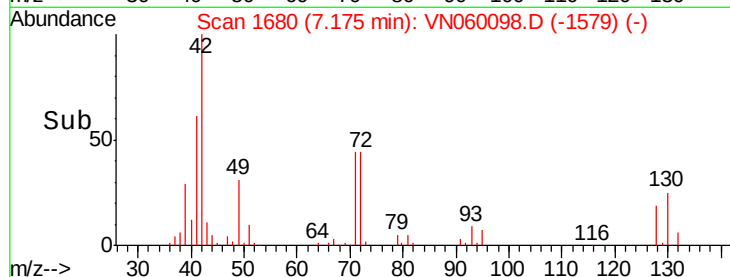


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 49.323 ug/l

RT: 8.10 min Scan# 1967

Delta R.T. -0.00 min

Lab File: VN060098.D

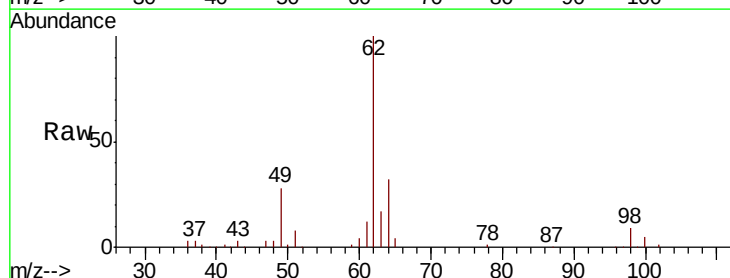
Acq: 14 Feb 2020 9:29

Tgt Ion: 62 Resp: 147277

Ion Ratio Lower Upper

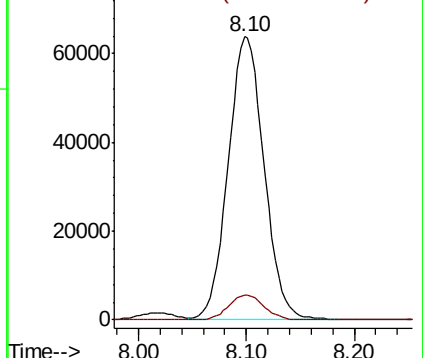
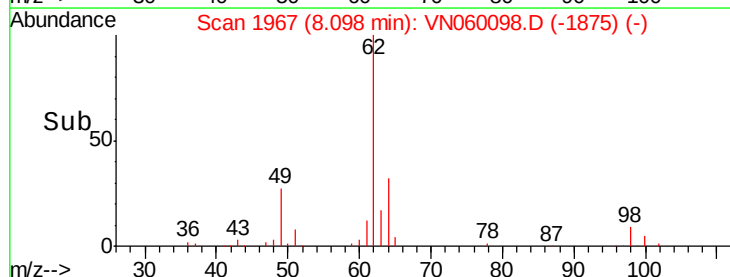
62 100

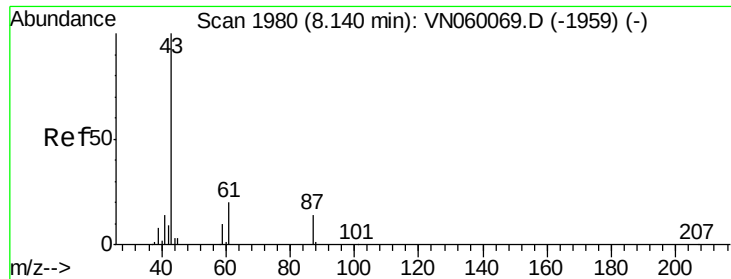
98 8.6 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 51.311 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

ClientSampled :

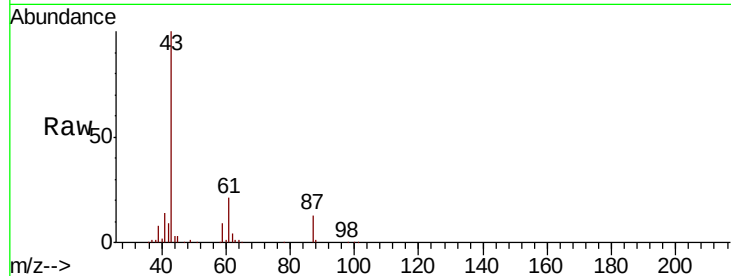
Tot Ion: 43 Resp: 227672

Ion Ratio Lower Upper

43 100

61 26.8 21.8 32.6

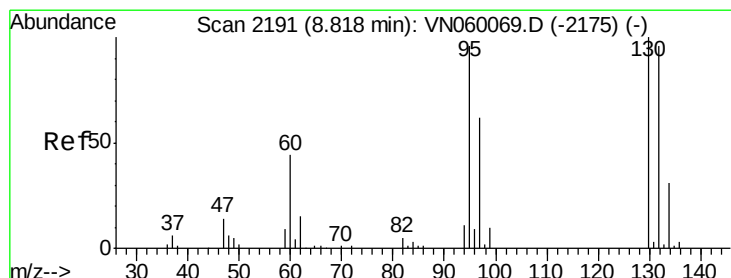
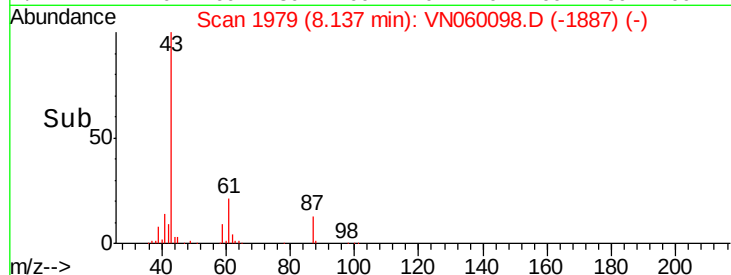
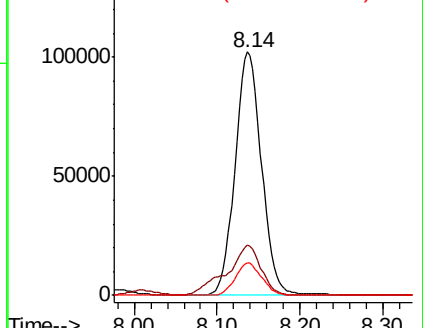
87 13.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)



#44

Trichloroethene

Concen: 46.599 ug/l

RT: 8.82 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060098.D

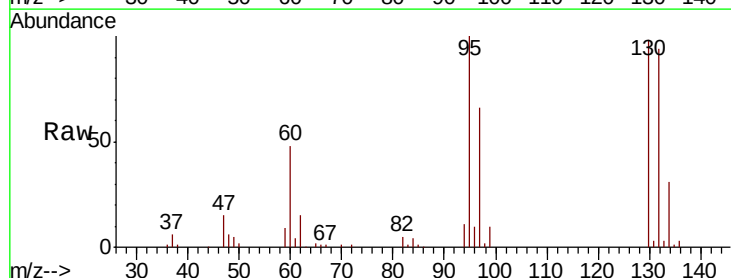
Acq: 14 Feb 2020 9:29

Tgt Ion:130 Resp: 109928

Ion Ratio Lower Upper

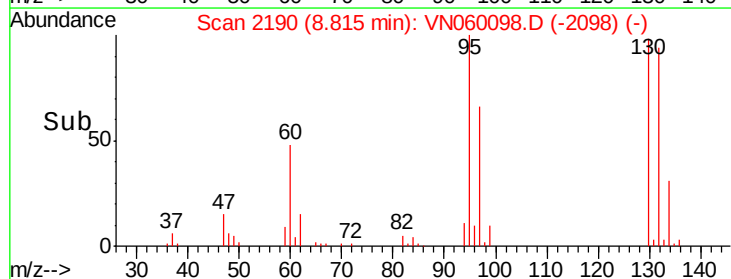
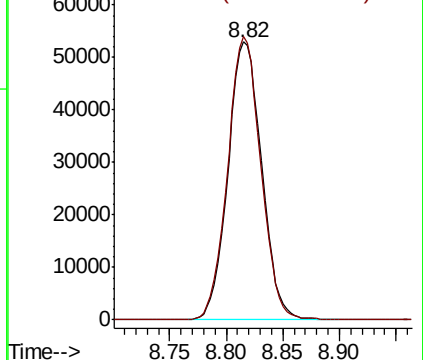
130 100

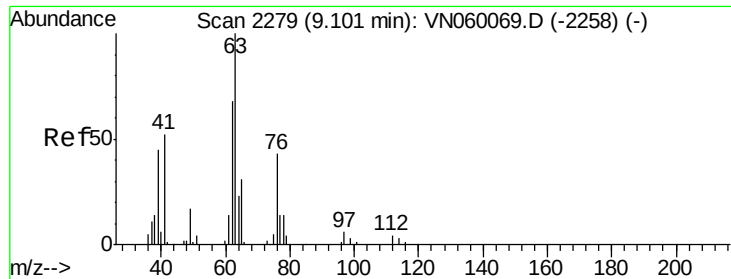
95 101.7 0.0 192.4



Abundance Ion 129.80 (129.50 to 130.50): VN060069.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060069.D (-2175) (-)

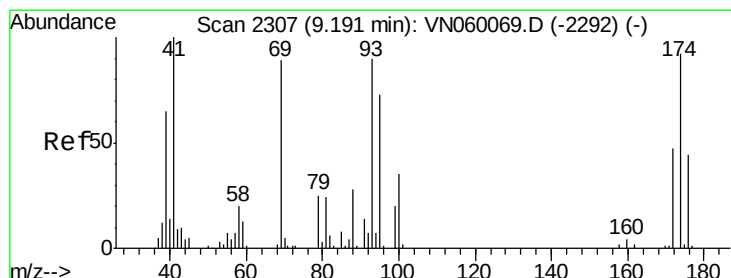
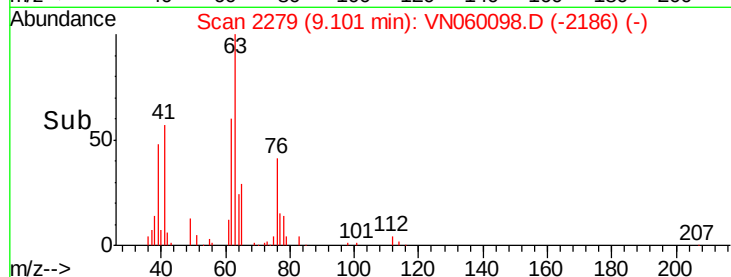
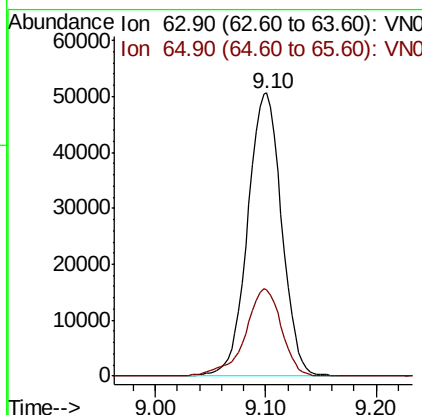
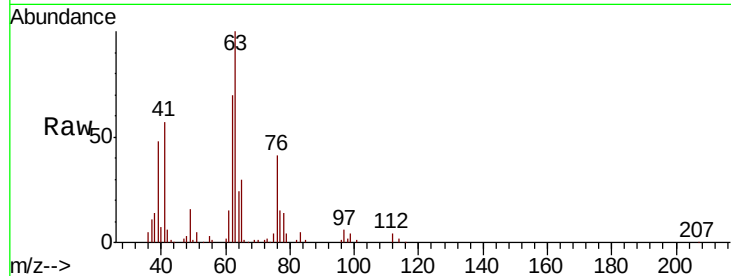




#45
 1,2-Dichloropropane
 Concen: 51.207 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

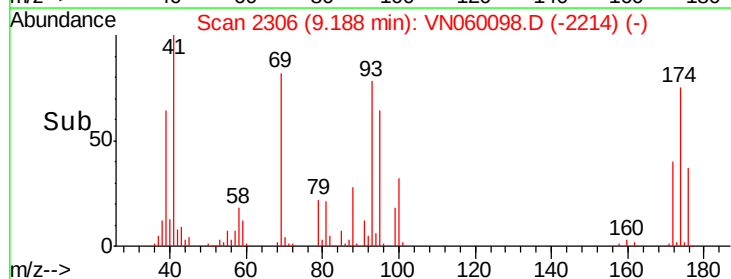
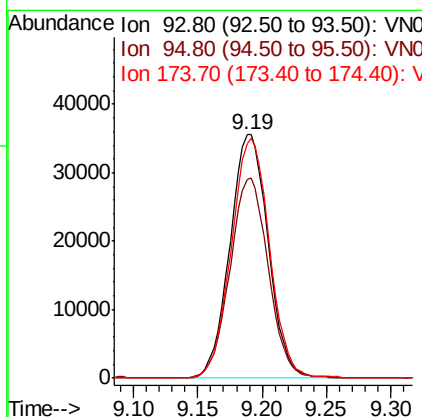
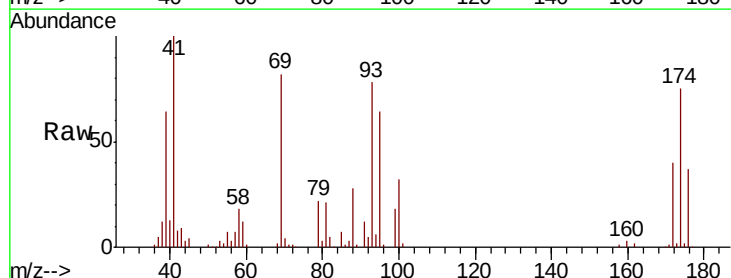
Instrument :
 MSVOA_N
 ClientSampled :

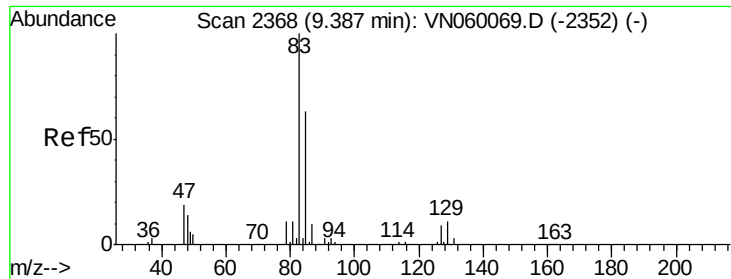
Tot Ion: 63 Resp: 108008
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.4



#46
 Dibromomethane
 Concen: 49.130 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Tgt Ion: 93 Resp: 73230
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.0 97.6
 174 98.6 82.3 123.5

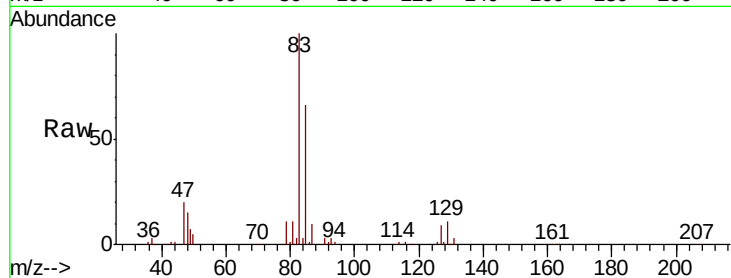




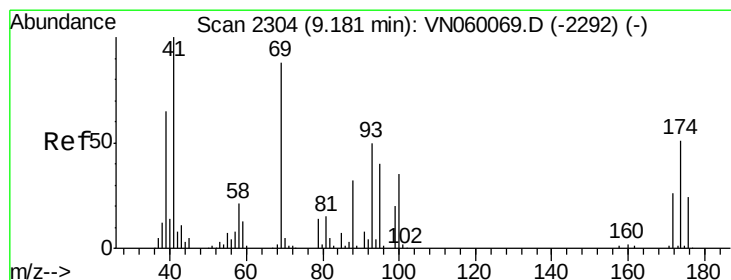
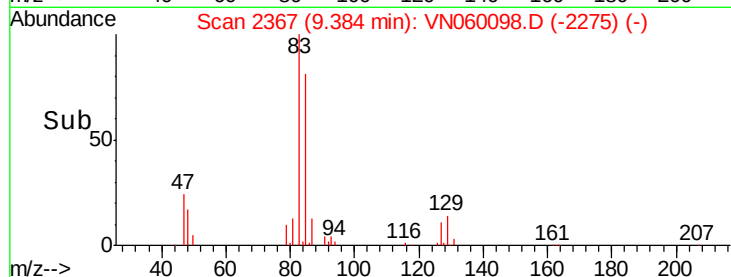
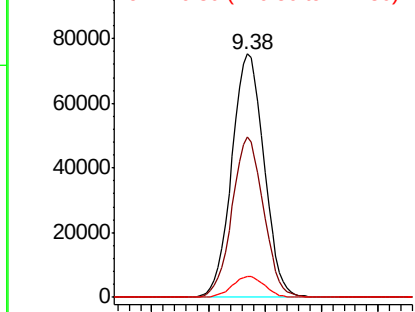
#47
Bromodichloromethane
Concen: 49.407 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 149721
Ion Ratio Lower Upper
83 100
85 65.8 50.6 75.8
127 8.6 7.0 10.6

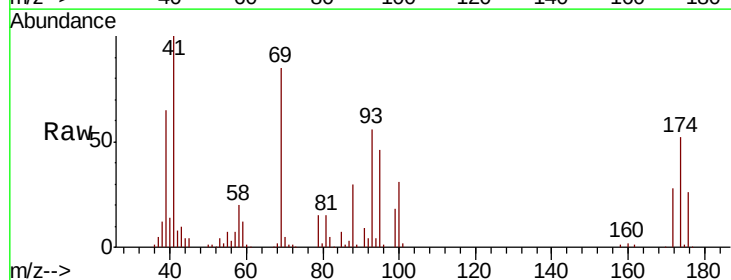


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

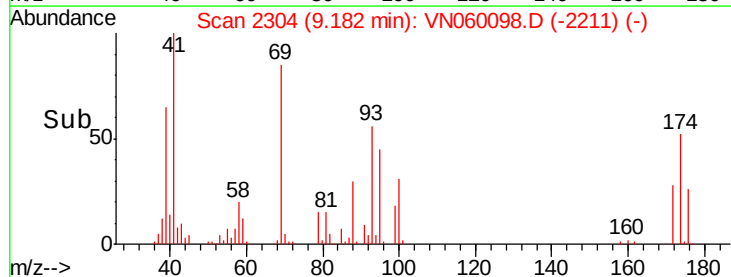
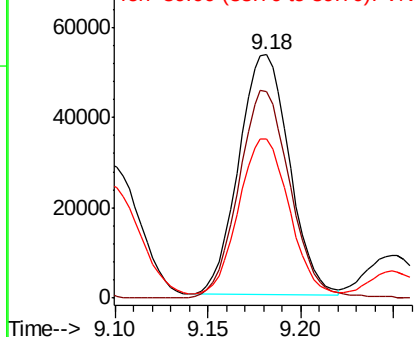


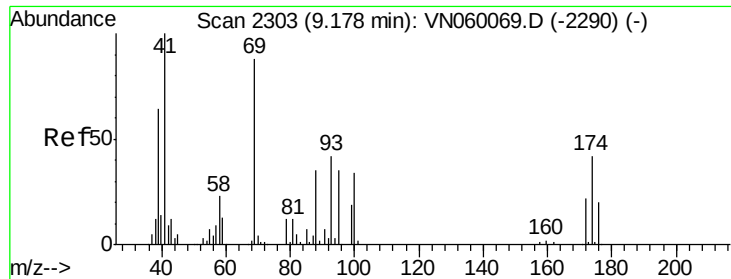
#48
Methyl methacrylate
Concen: 50.767 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion: 41 Resp: 101066
Ion Ratio Lower Upper
41 100
69 87.6 72.0 108.0
39 64.4 54.1 81.1



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

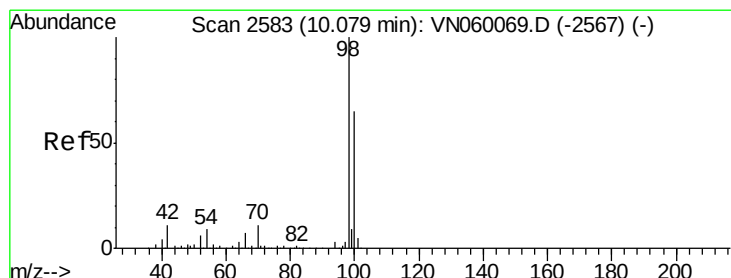
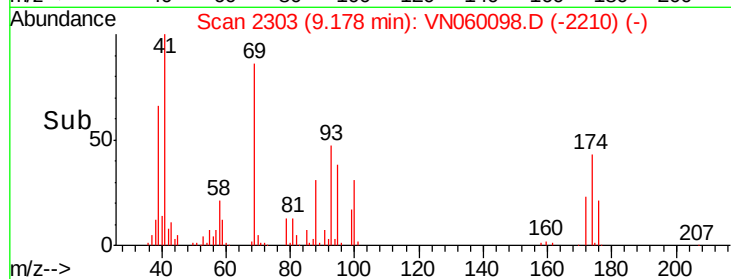
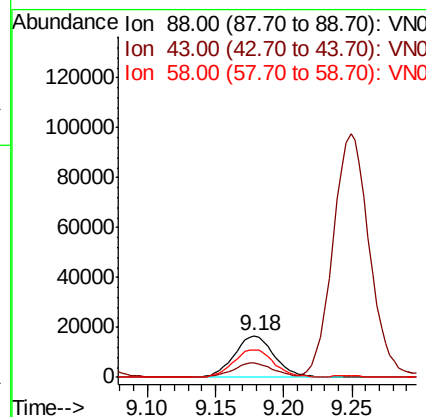
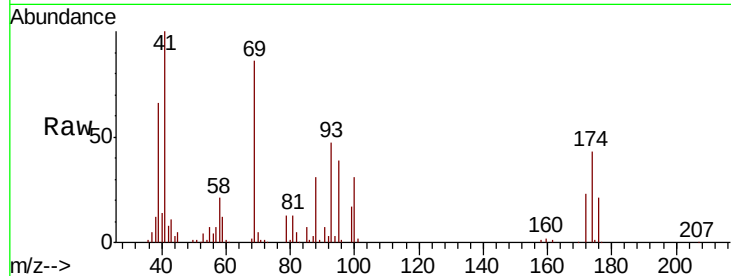




#49
1,4-Dioxane
Concen: 1003.075 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

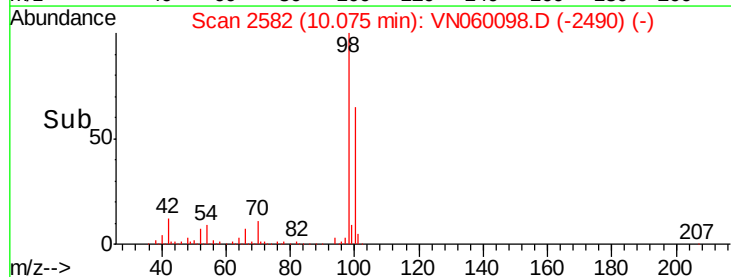
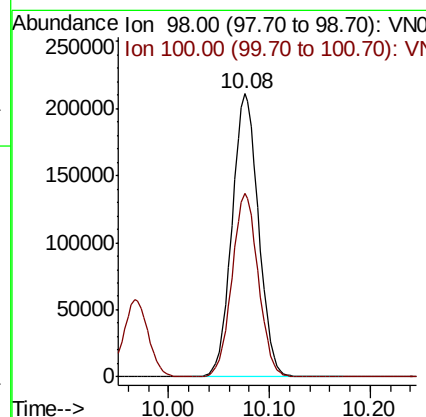
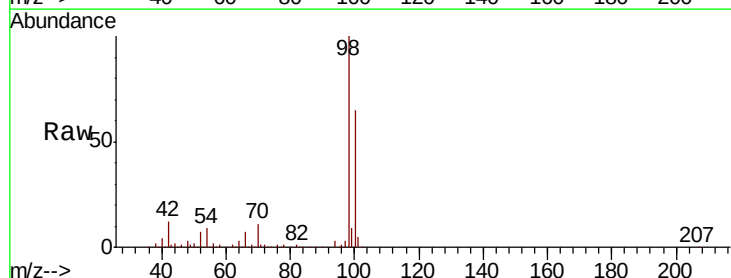
Instrument :
MSVOA_N
ClientSampleId :

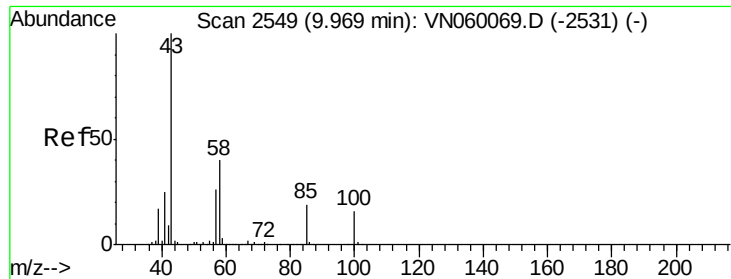
Tot Ion: 88 Resp: 34119
Ion Ratio Lower Upper
88 100
43 34.7 26.2 39.2
58 67.1 53.2 79.8



#50
Toluene-d8
Concen: 51.357 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion: 98 Resp: 385479
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

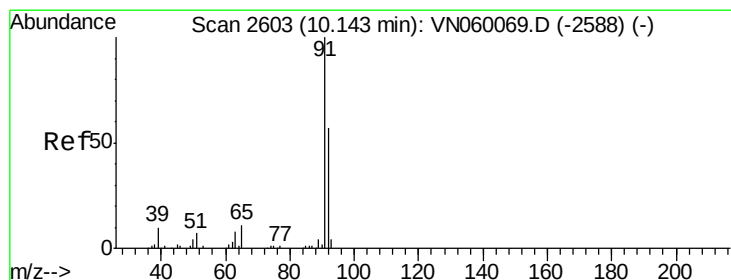
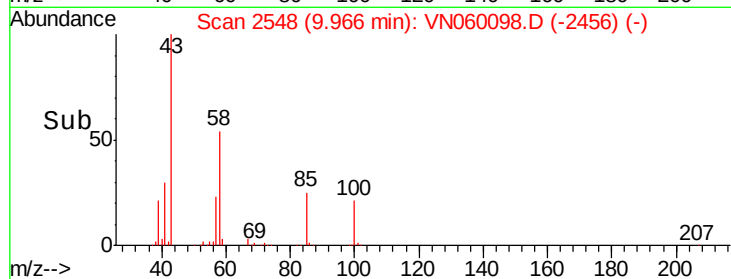
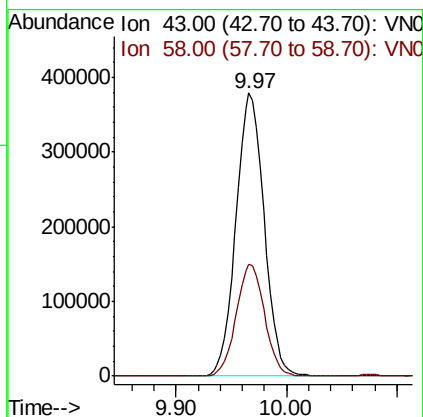
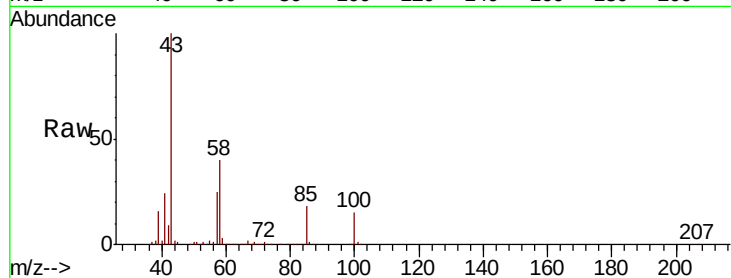




#51
 4-Methyl-2-Pentanone
 Concen: 261.140 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

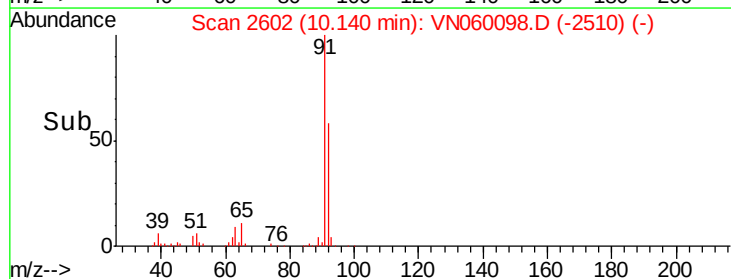
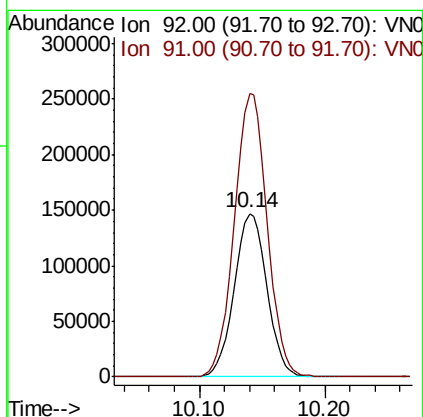
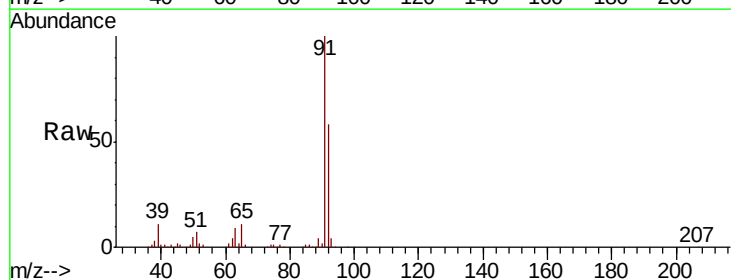
Instrument :
 MSVOA_N
 ClientSampled :

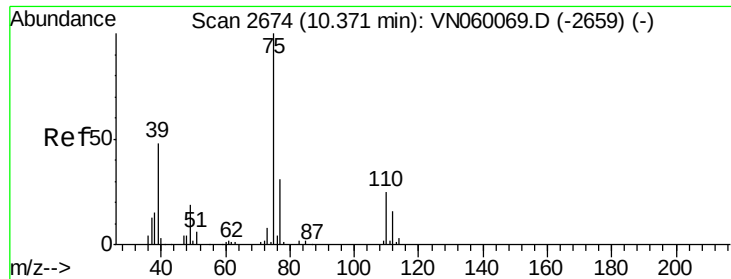
Tot Ion: 43 Resp: 670680
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.8 47.8



#52
 Toluene
 Concen: 48.629 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Tgt Ion: 92 Resp: 265676
 Ion Ratio Lower Upper
 92 100
 91 174.3 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 50.333 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

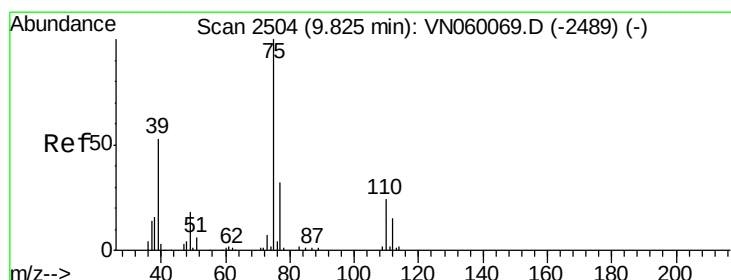
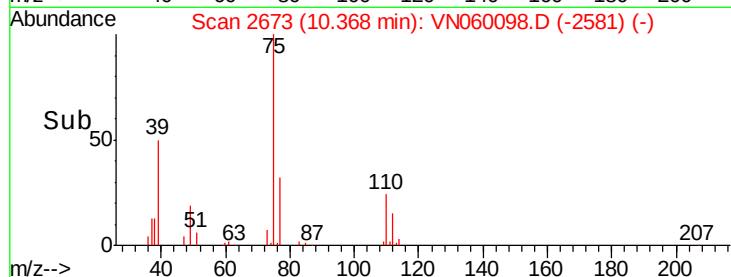
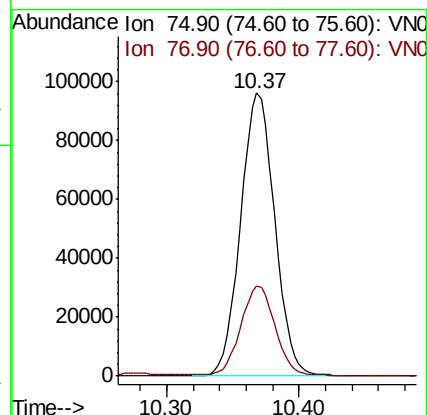
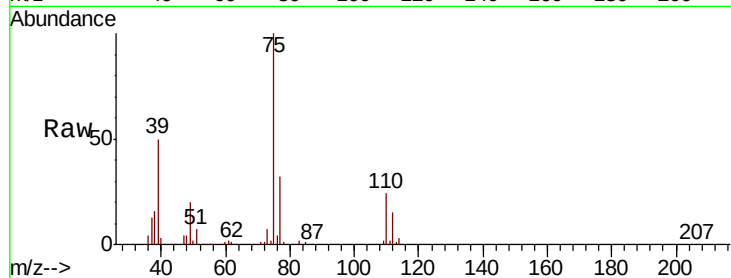
ClientSampled :

Tot Ion: 75 Resp: 172168

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 49.934 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

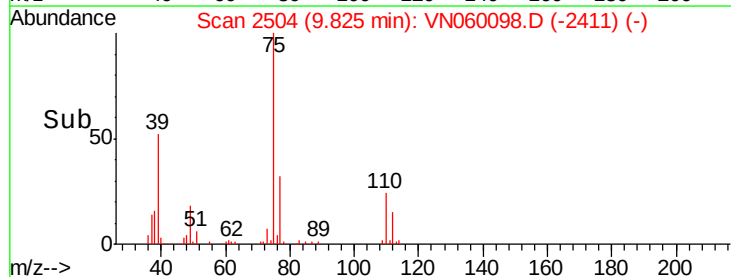
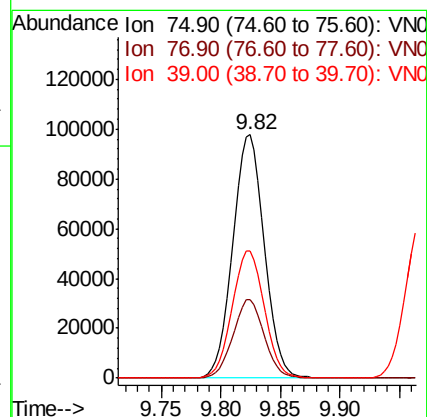
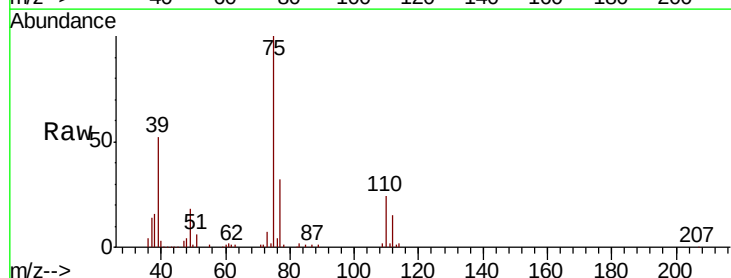
Tgt Ion: 75 Resp: 179857

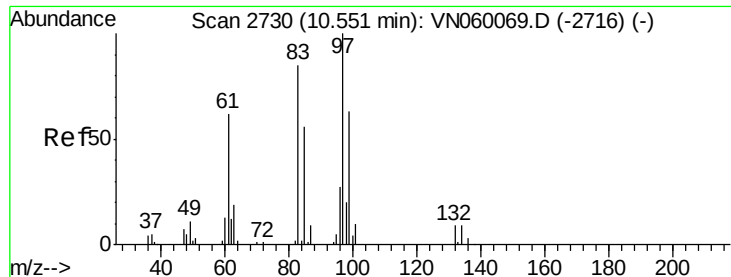
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

39 52.3 42.2 63.4

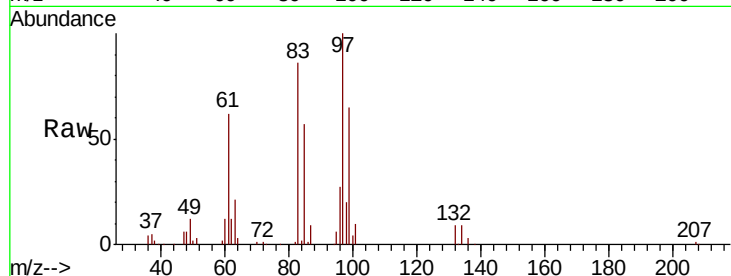




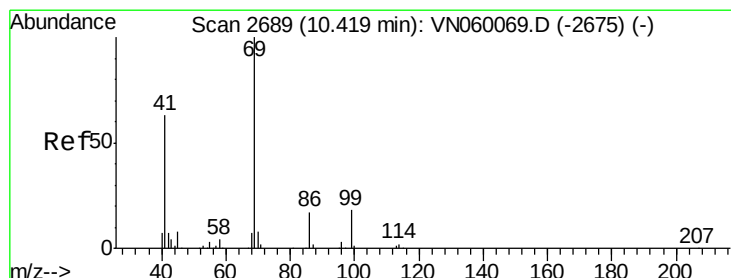
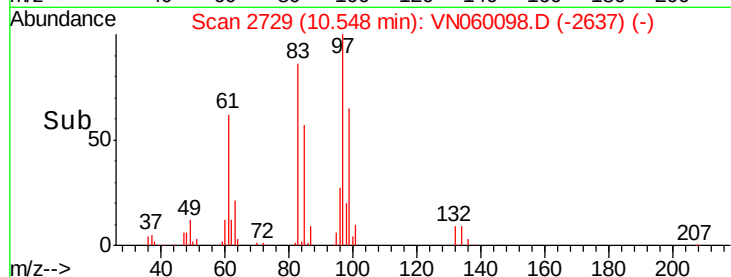
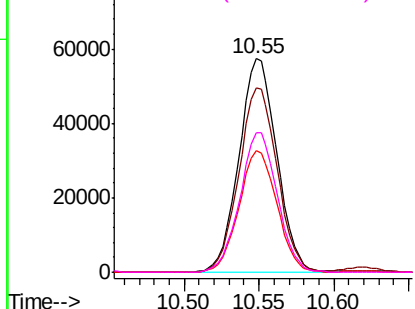
#55
 1,1,2-Trichloroethane
 Concen: 47.530 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	101305
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.9	101.9
85	56.9	44.6	67.0
99	65.2	50.1	75.1

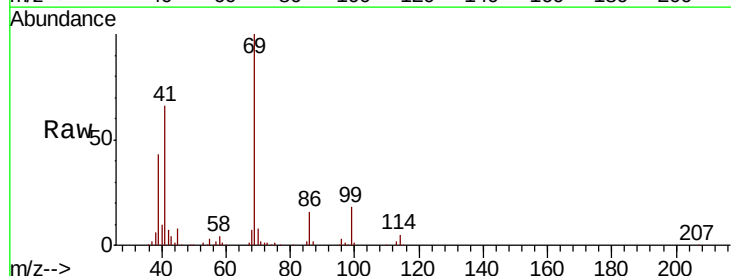


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

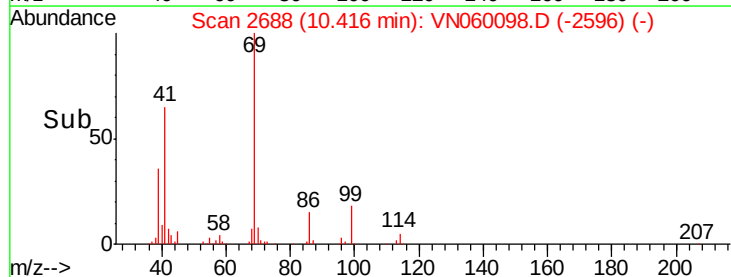
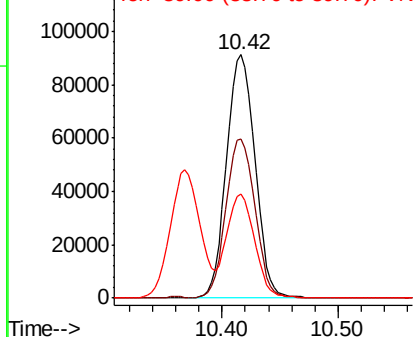


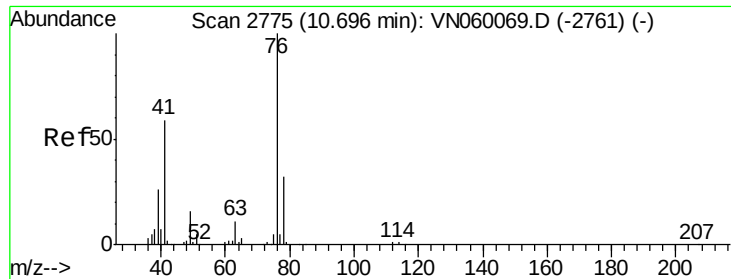
#56
 Ethyl methacrylate
 Concen: 51.476 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Tgt Ion:	69	Resp:	155206
Ion	Ratio	Lower	Upper
69	100		
41	66.0	51.1	76.7
39	41.7	33.8	50.8



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

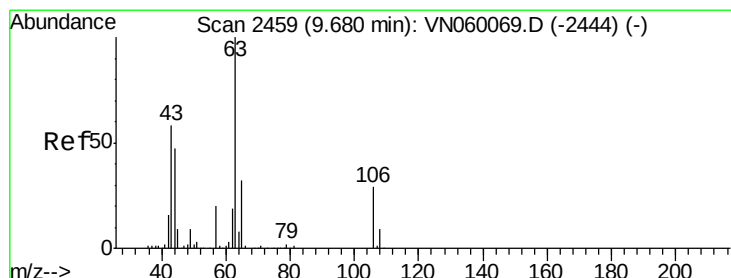
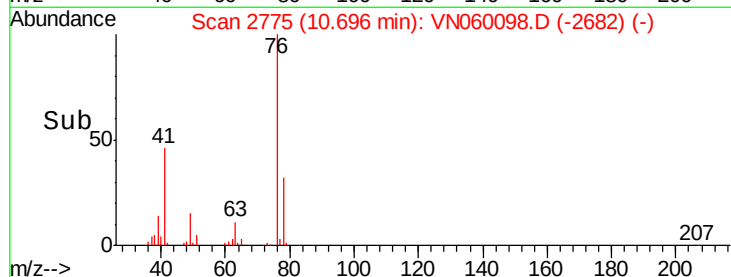
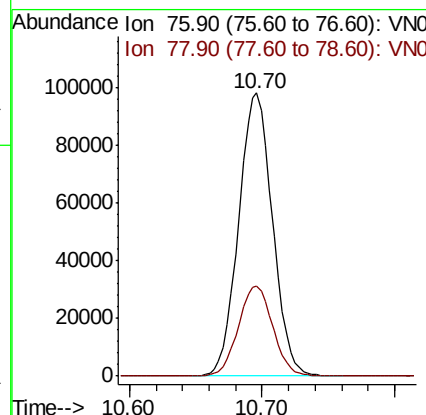
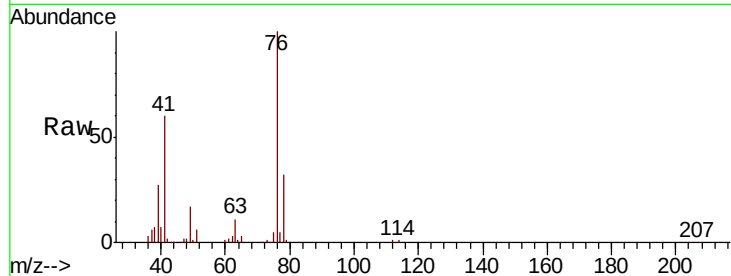




#57
 1,3-Dichloropropane
 Concen: 49.423 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

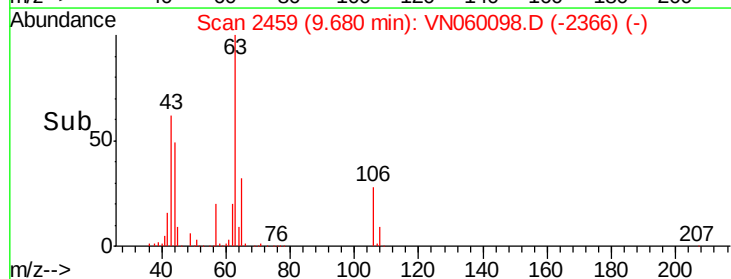
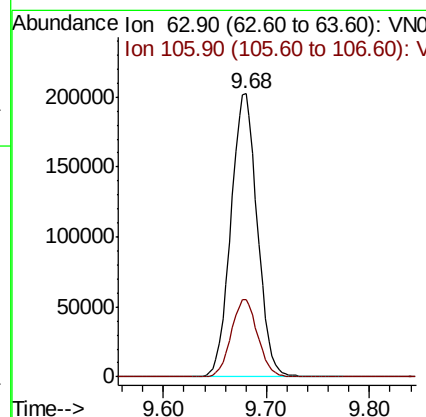
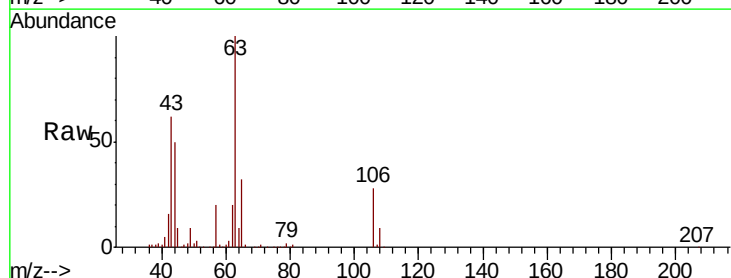
Instrument :
 MSVOA_N
 ClientSampled :

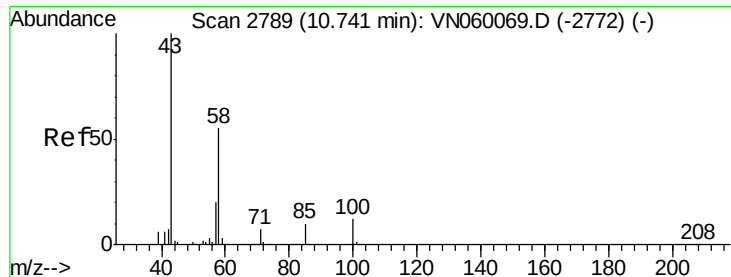
Tot Ion: 76 Resp: 173817
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.296 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Tgt Ion: 63 Resp: 361410
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.9 34.3

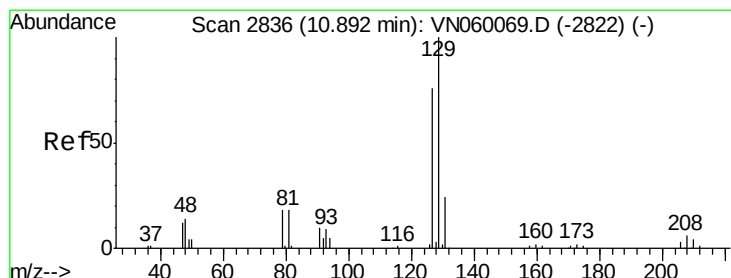
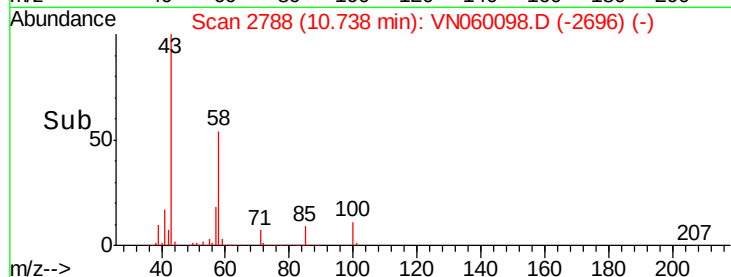
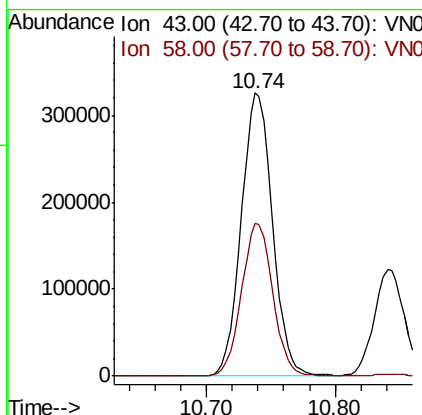
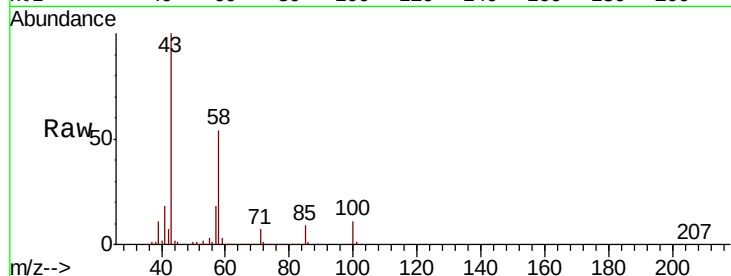




#59
2-Hexanone
Concen: 277.013 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

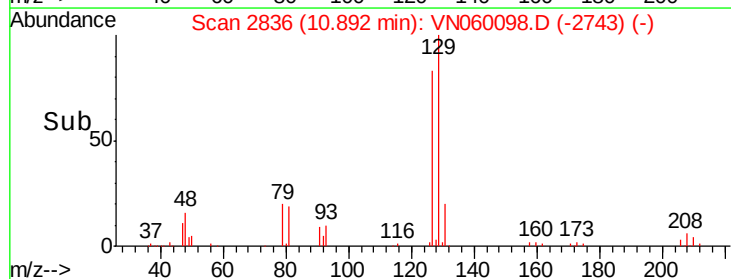
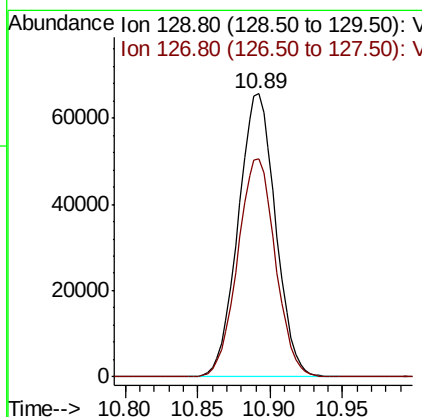
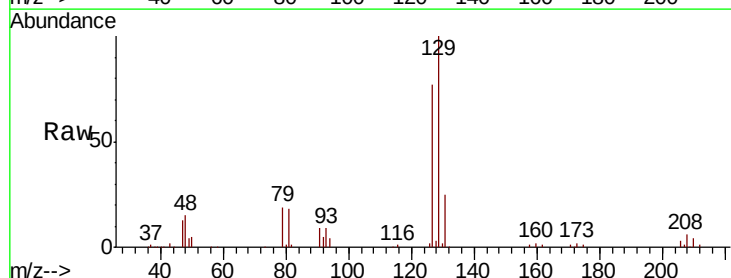
Instrument :
MSVOA_N
ClientSampleId :

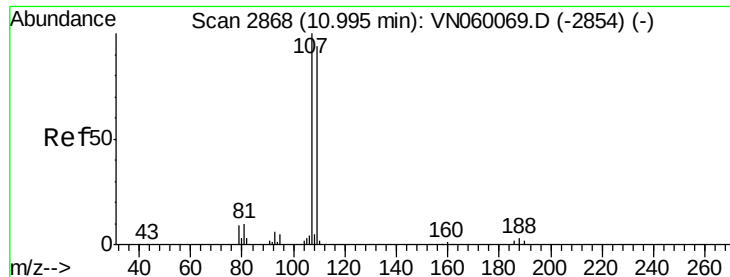
Tot Ion: 43 Resp: 549572
Ion Ratio Lower Upper
43 100
58 54.0 27.5 82.4



#60
Dibromochloromethane
Concen: 48.116 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion: 129 Resp: 117684
Ion Ratio Lower Upper
129 100
127 77.6 38.0 114.1

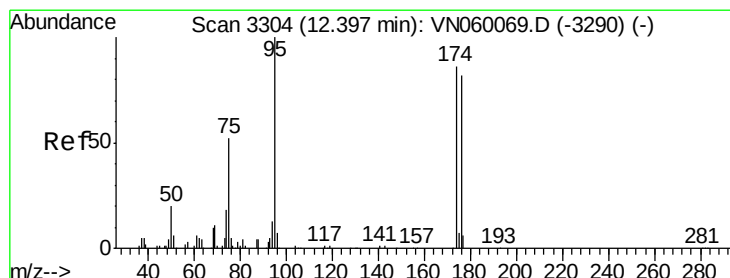
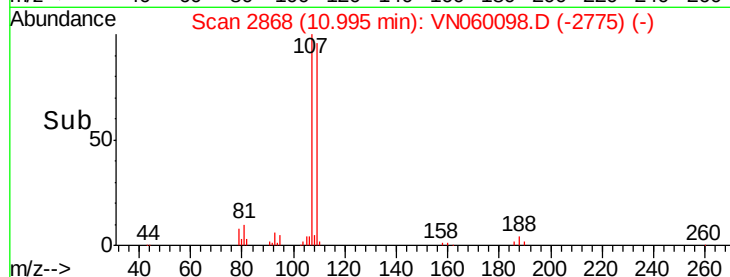
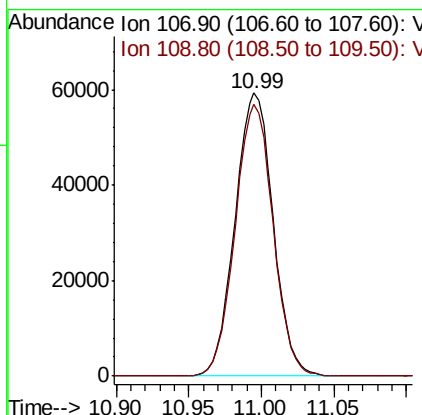
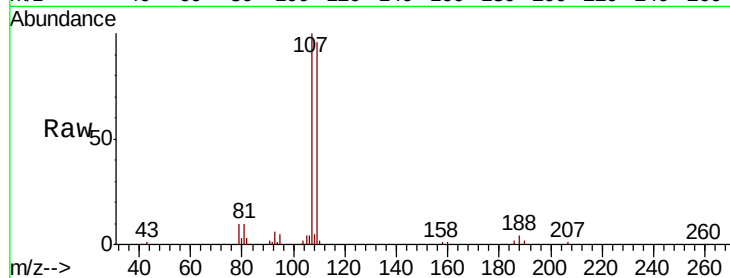




#61
 1,2-Dibromoethane
 Concen: 48.526 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

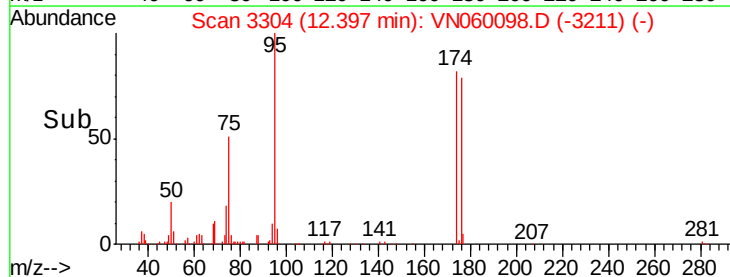
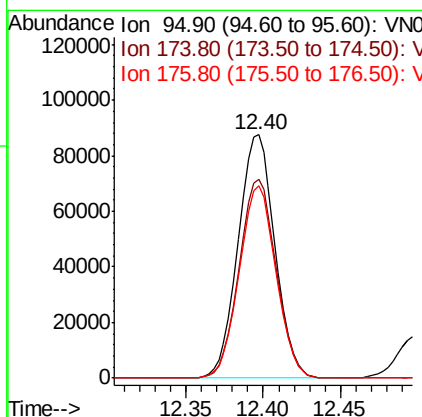
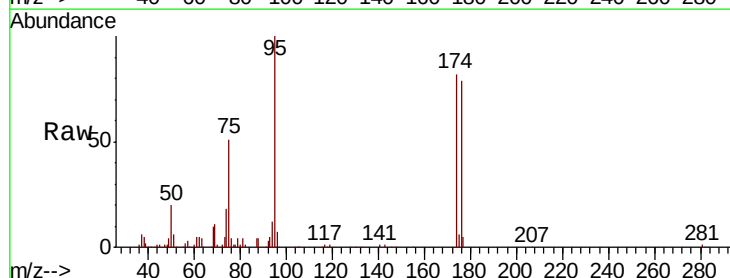
Instrument :
 MSVOA_N
 ClientSampleId :

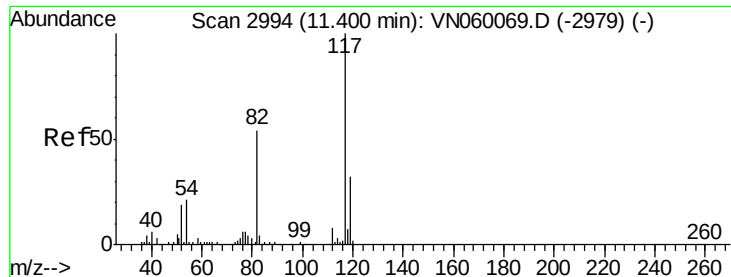
Tot Ion:107 Resp: 108422
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 52.325 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Tgt Ion: 95 Resp: 144317
 Ion Ratio Lower Upper
 95 100
 174 82.6 0.0 169.8
 176 79.2 0.0 164.8

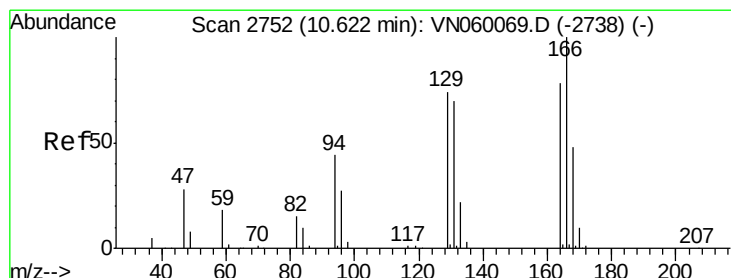
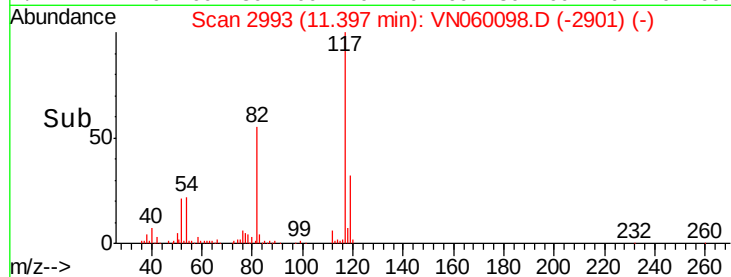
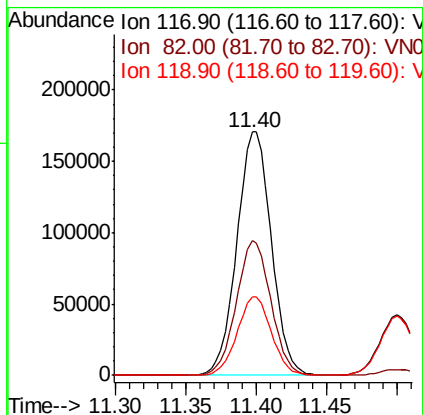
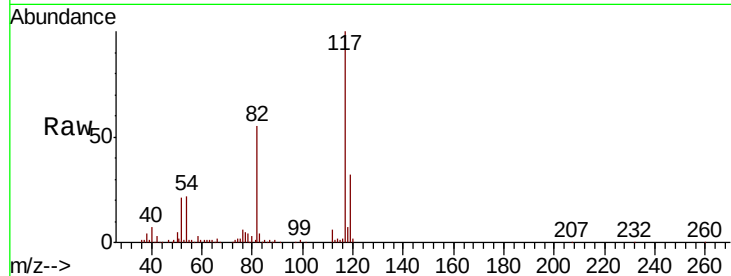




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

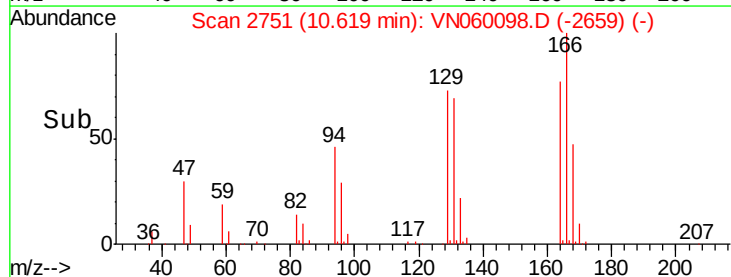
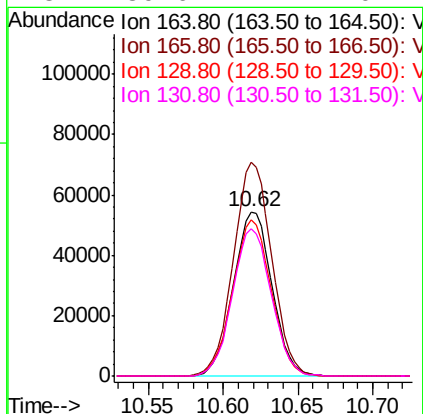
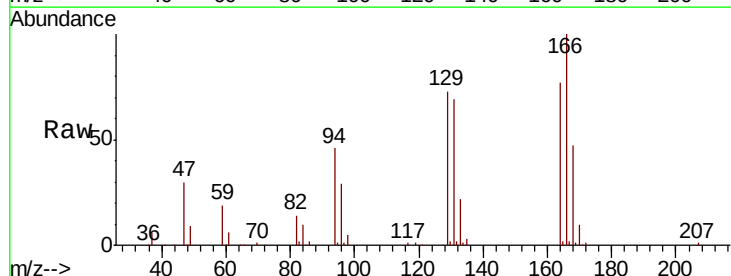
Instrument :
MSVOA_N
ClientSampled :

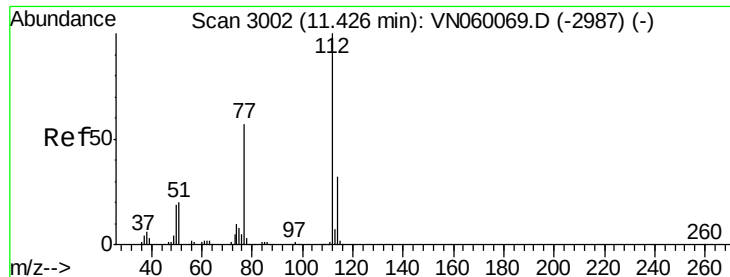
Tot Ion:117 Resp: 292494
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 43.937 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion:164 Resp: 97695
Ion Ratio Lower Upper
164 100
166 130.2 101.9 152.9
129 95.0 75.4 113.0
131 89.6 71.4 107.2

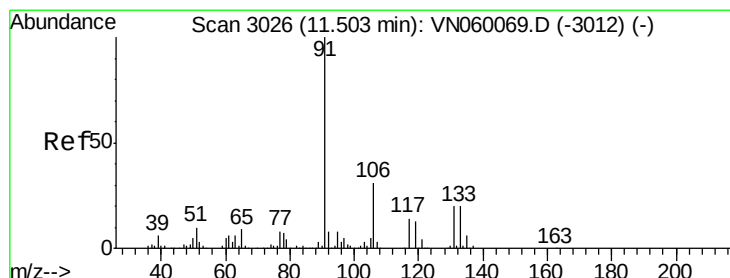
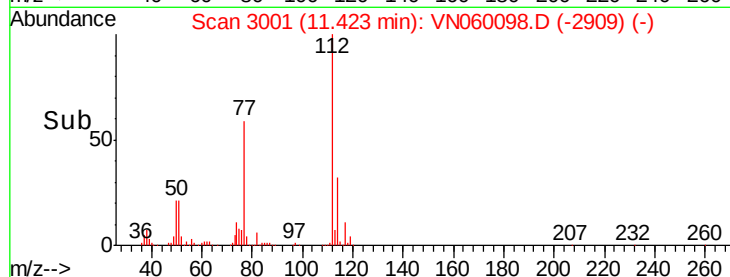
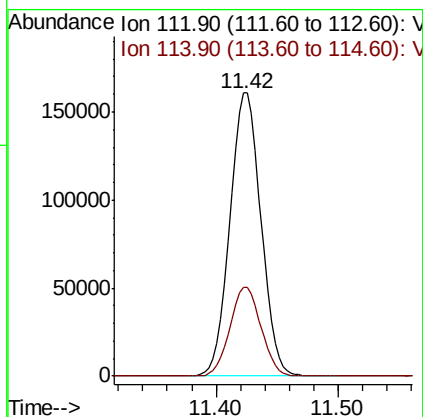
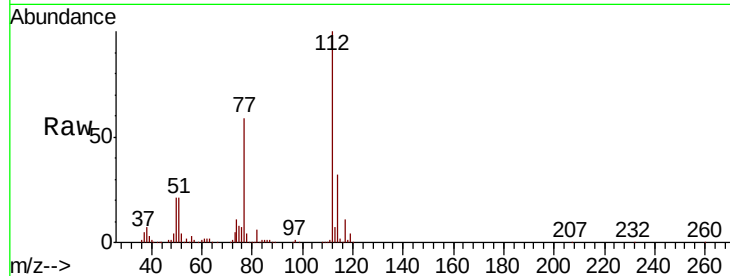




#65
Chlorobenzene
Concen: 47.722 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

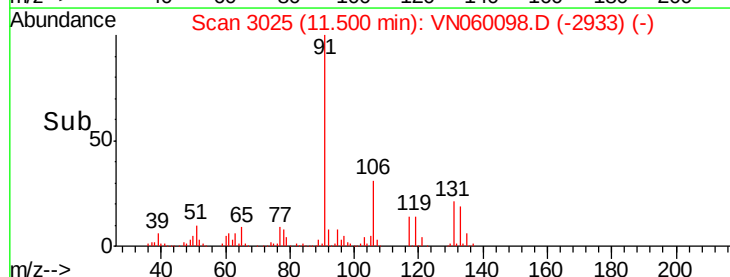
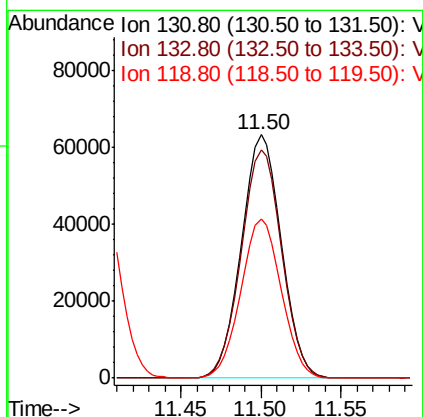
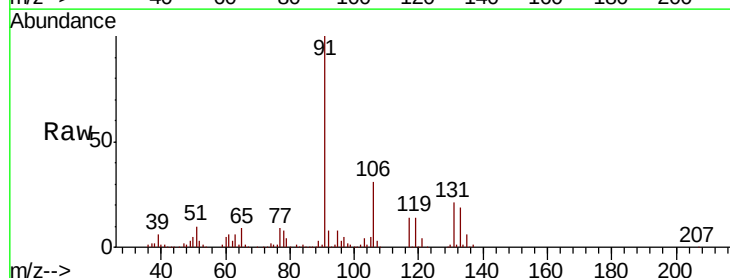
Instrument :
MSVOA_N
ClientSampleId :

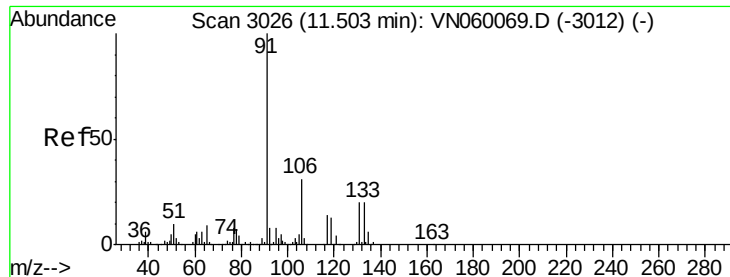
Tot Ion:112 Resp: 284383
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.555 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion:131 Resp: 107204
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 66.2 32.6 97.7





#67

Ethyl Benzene

Concen: 48.928 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

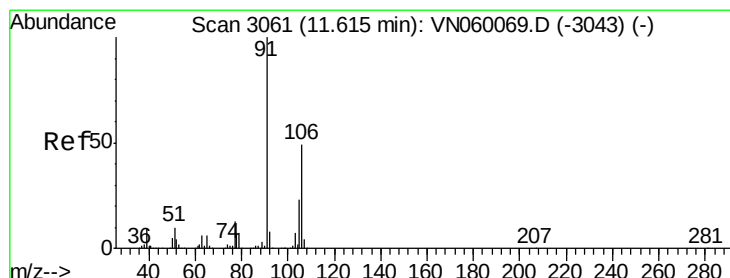
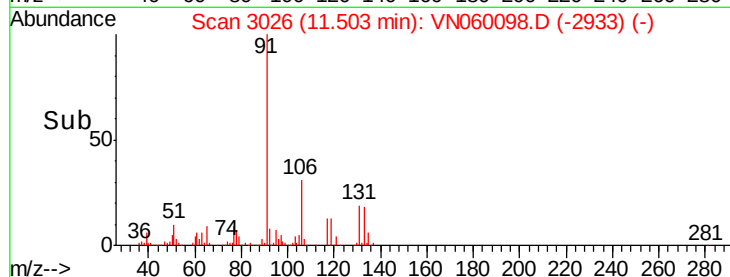
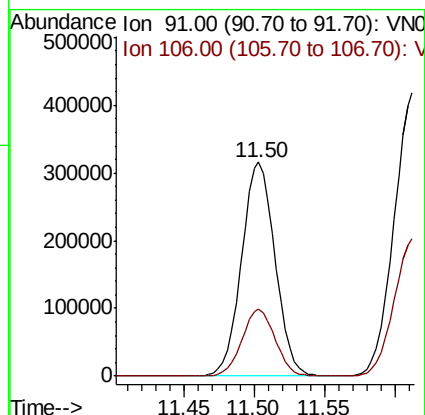
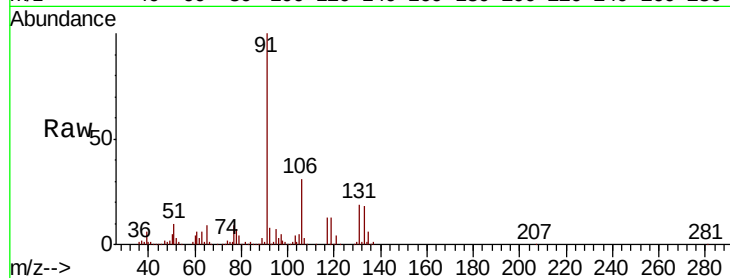
ClientSampled :

Tot Ion: 91 Resp: 525862

Ion Ratio Lower Upper

91 100

106 31.2 25.1 37.7



#68

m/p-Xylenes

Concen: 97.165 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060098.D

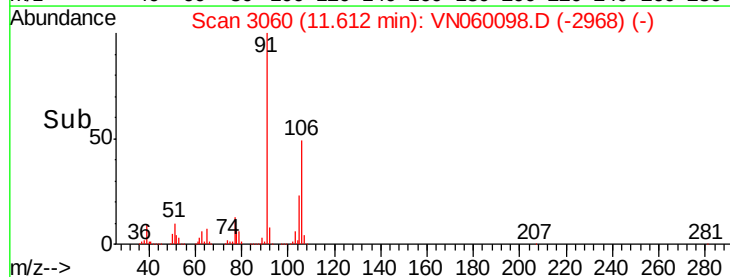
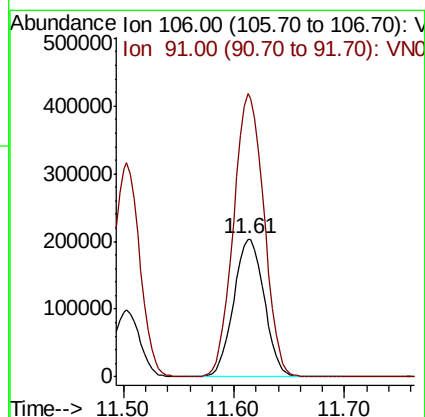
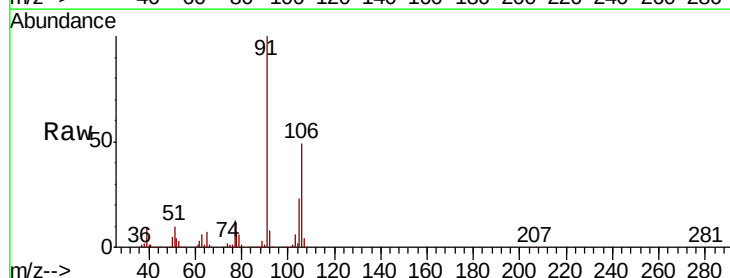
Acq: 14 Feb 2020 9:29

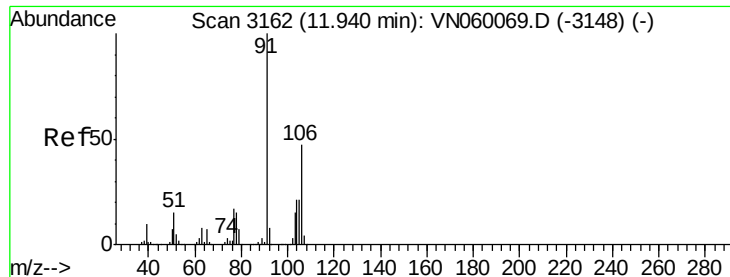
Tgt Ion: 106 Resp: 391941

Ion Ratio Lower Upper

106 100

91 204.7 162.7 244.1

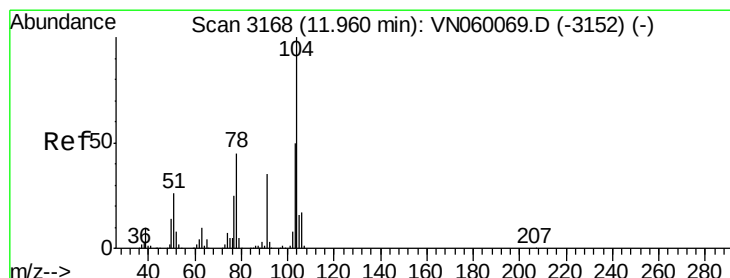
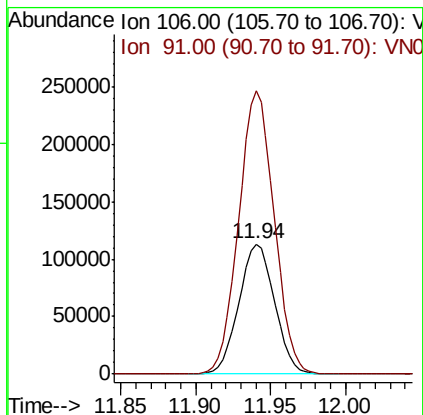
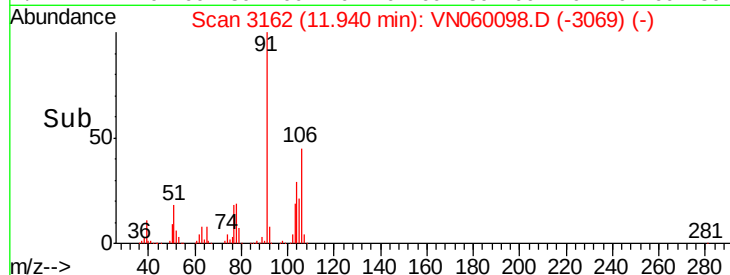
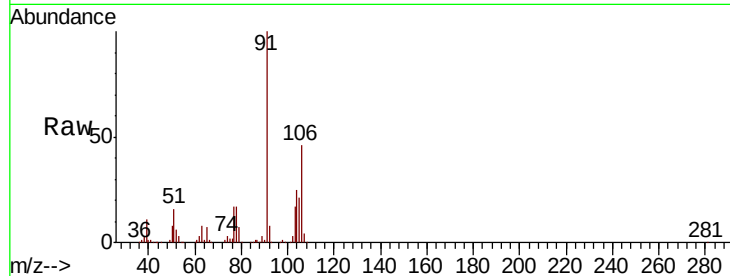




#69
o-Xylene
Concen: 48.437 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

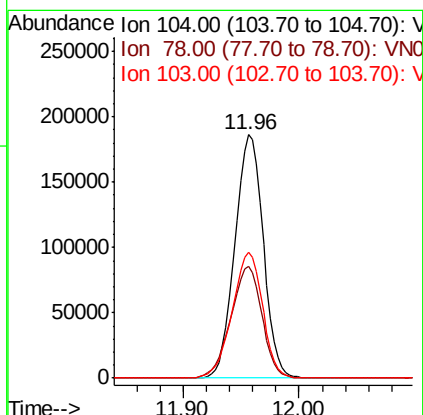
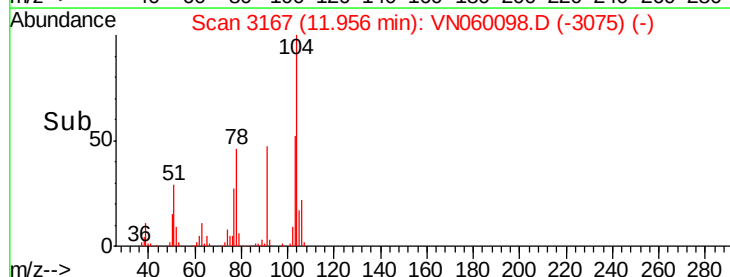
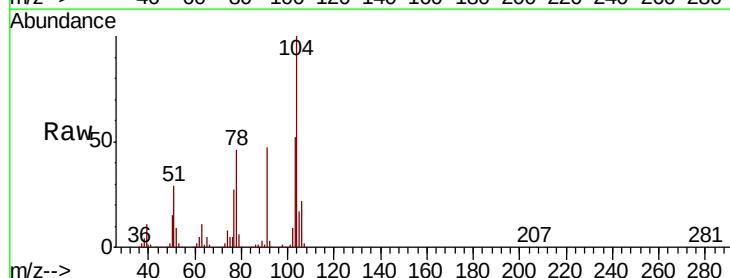
Instrument :
MSVOA_N
ClientSampled :

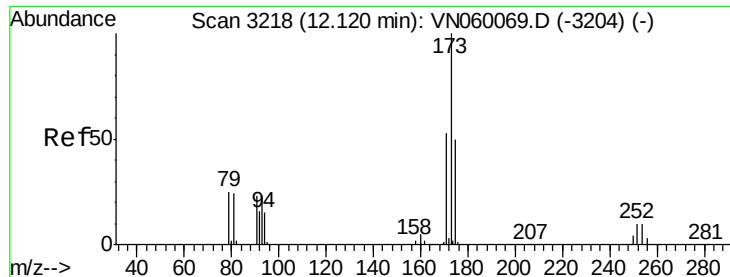
Tot Ion:106 Resp: 188124
Ion Ratio Lower Upper
106 100
91 216.3 107.2 321.6



#70
Styrene
Concen: 50.509 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion:104 Resp: 316340
Ion Ratio Lower Upper
104 100
78 50.4 40.2 60.2
103 55.2 44.3 66.5





#71

Bromoform

Concen: 48.785 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

ClientSampleId :

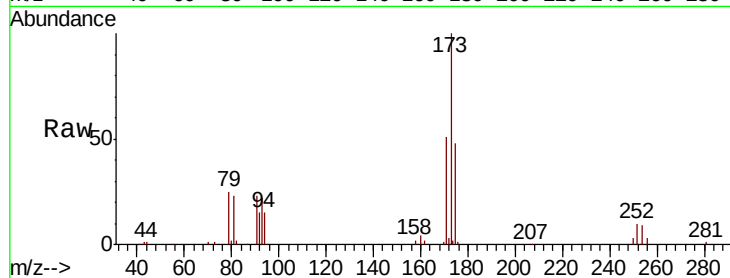
Tot Ion:173 Resp: 88456

Ion Ratio Lower Upper

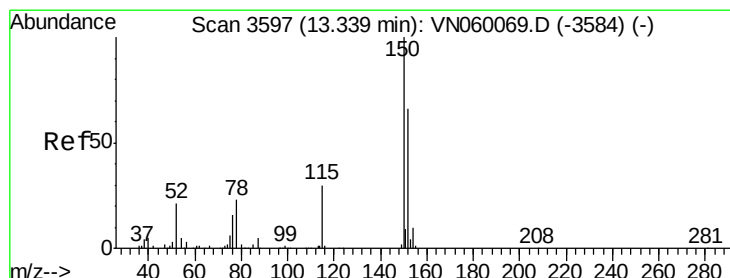
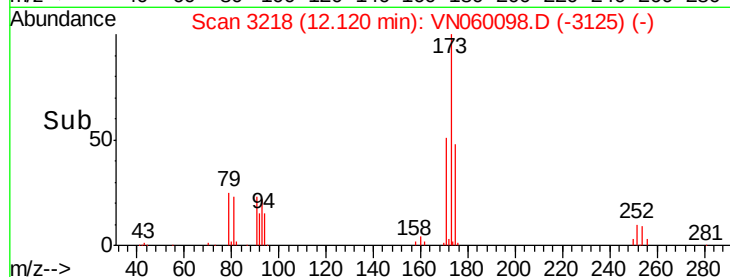
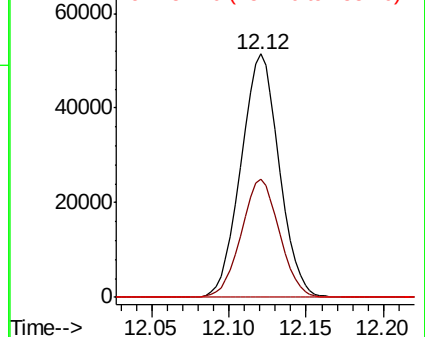
173 100

175 48.4 24.9 74.6

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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

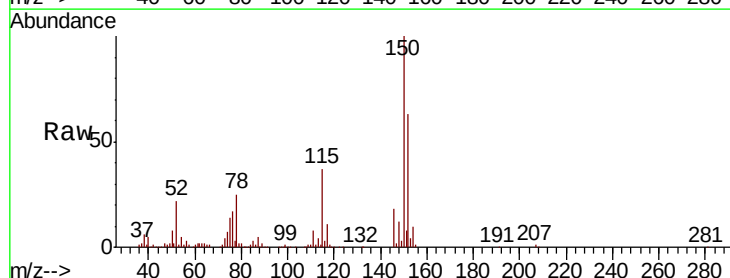
Tgt Ion:152 Resp: 148483

Ion Ratio Lower Upper

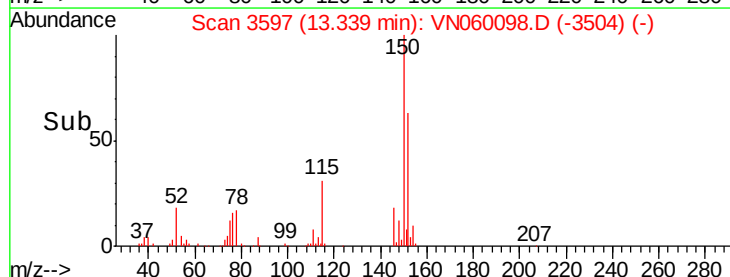
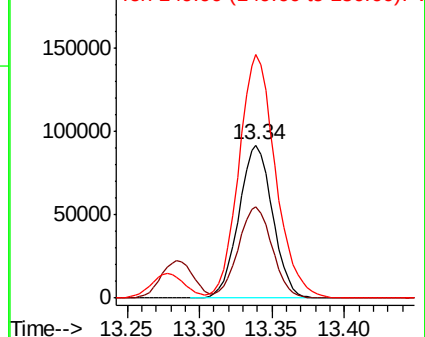
152 100

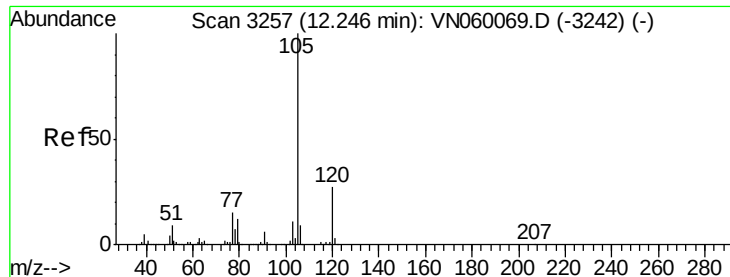
115 59.8 28.9 86.8

150 173.0 0.0 342.4



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





#73

Isopropylbenzene

Concen: 46.291 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

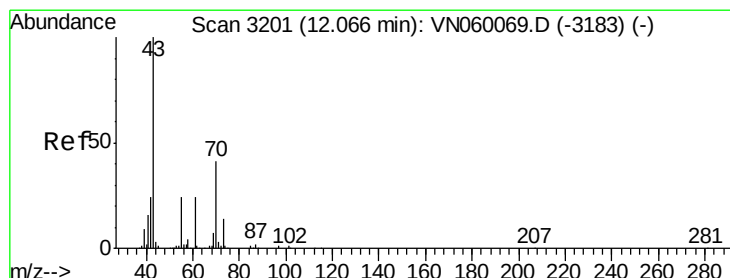
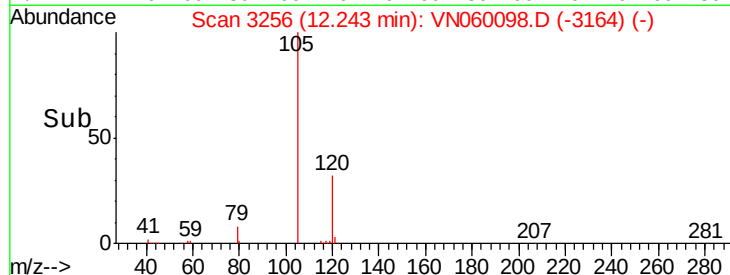
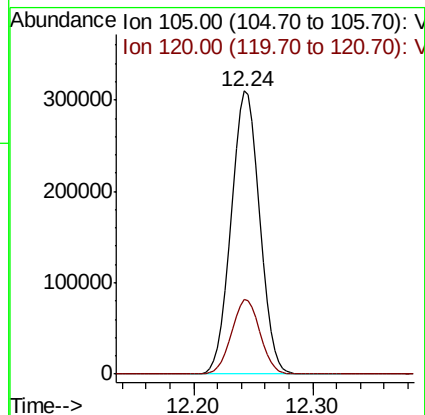
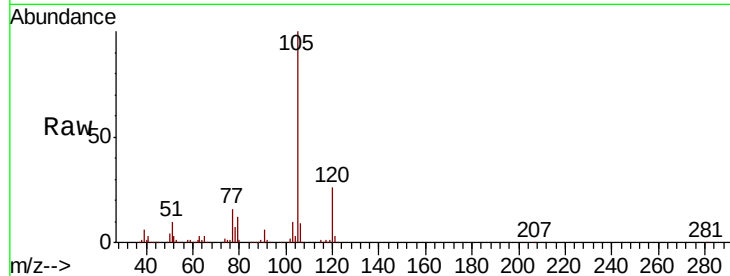
ClientSampleId :

Tot Ion:105 Resp: 513270

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 52.539 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Tgt Ion: 43 Resp: 210067

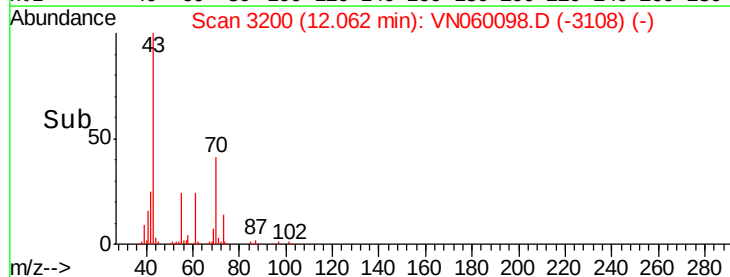
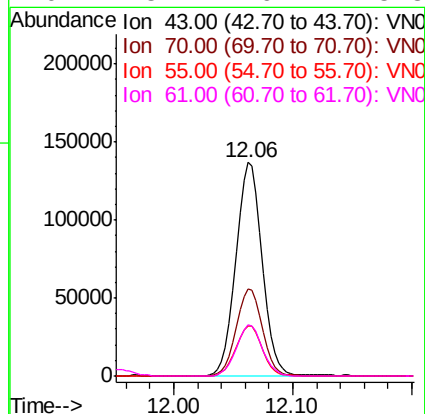
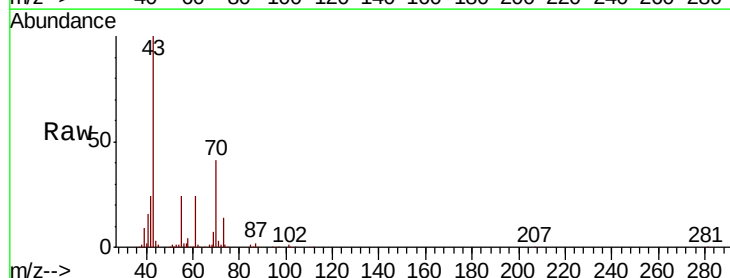
Ion Ratio Lower Upper

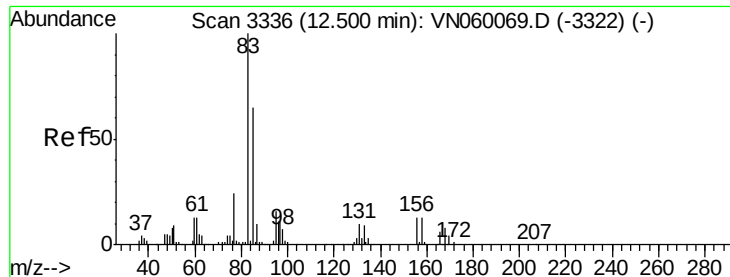
43 100

70 40.5 33.4 50.0

55 23.6 18.8 28.2

61 23.7 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.644 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

ClientSampleId :

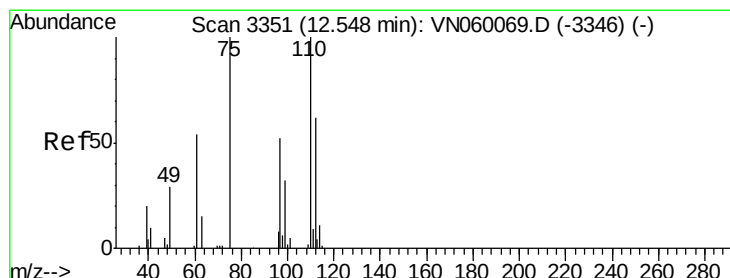
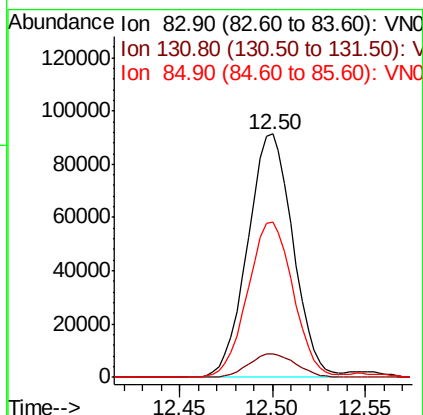
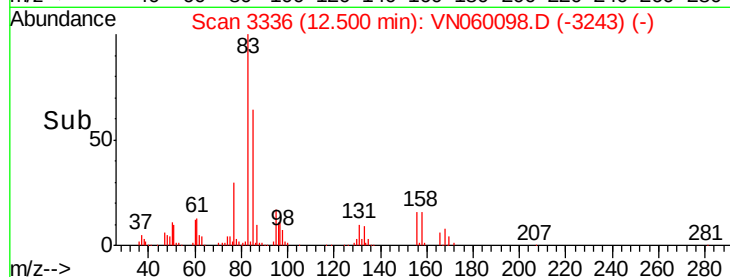
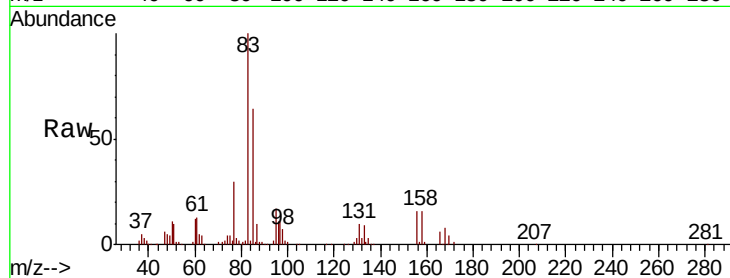
Tot Ion: 83 Resp: 155248

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

85 64.0 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 72.022 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060098.D

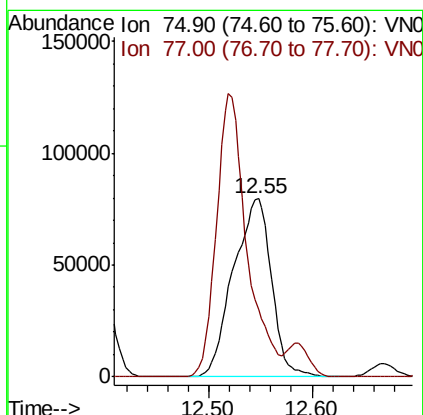
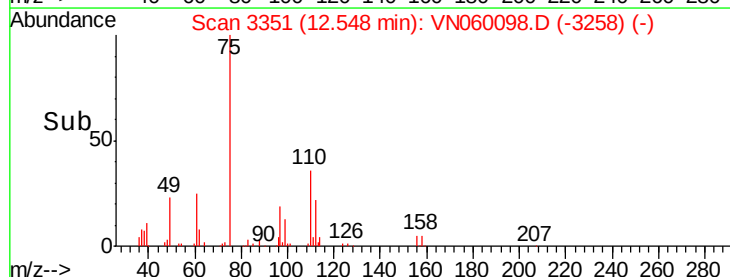
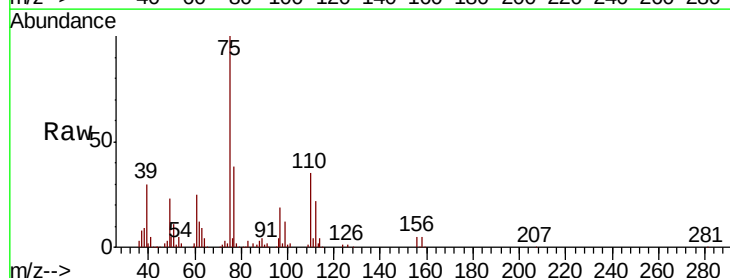
Acq: 14 Feb 2020 9:29

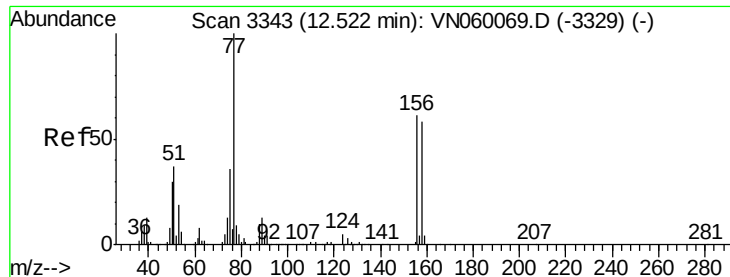
Tgt Ion: 75 Resp: 204601

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.950 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

ClientSampled :

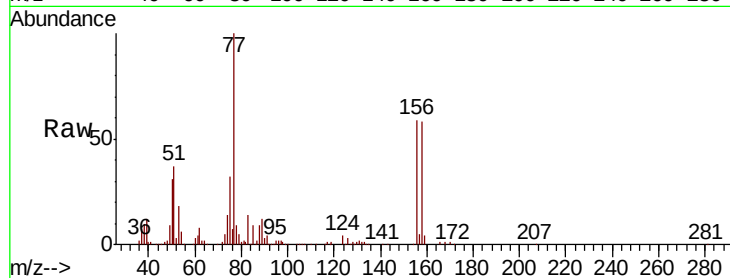
Tot Ion:156 Resp: 126440

Ion Ratio Lower Upper

156 100

77 205.4 98.7 296.1

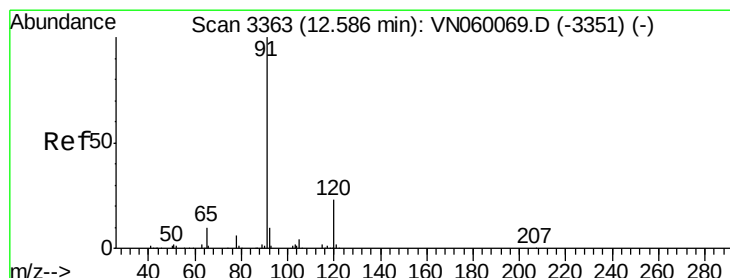
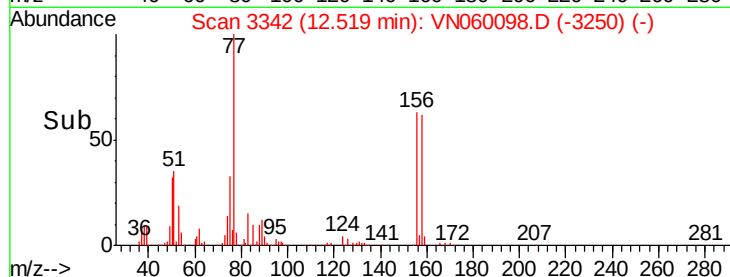
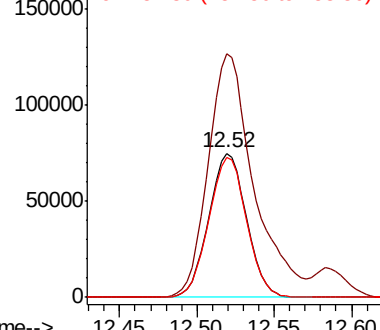
158 97.8 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.662 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060098.D

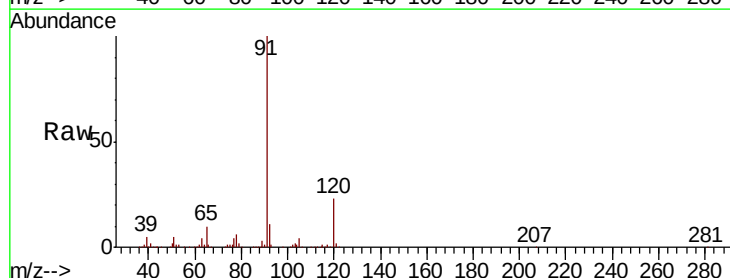
Acq: 14 Feb 2020 9:29

Tgt Ion: 91 Resp: 602102

Ion Ratio Lower Upper

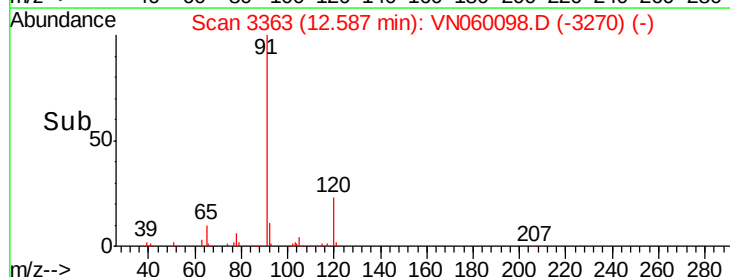
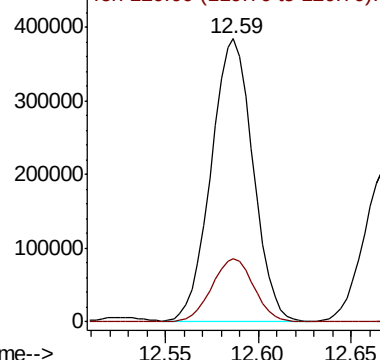
91 100

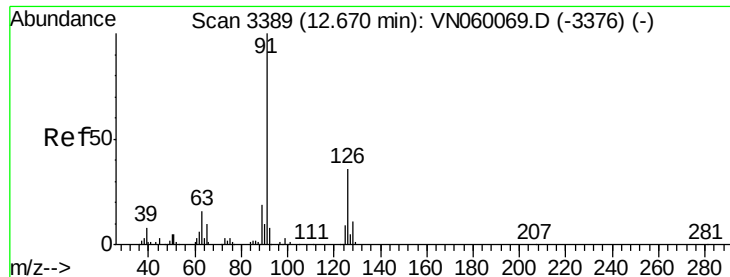
120 22.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.654 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

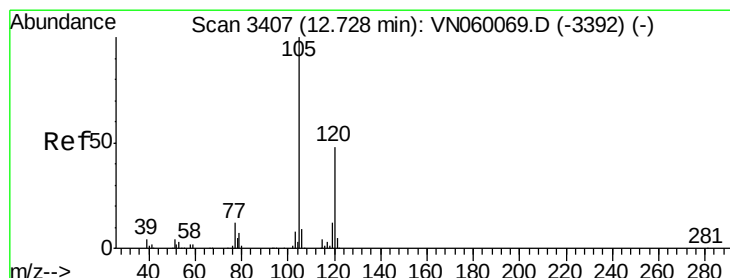
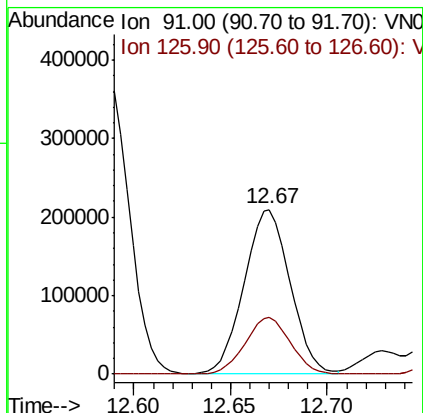
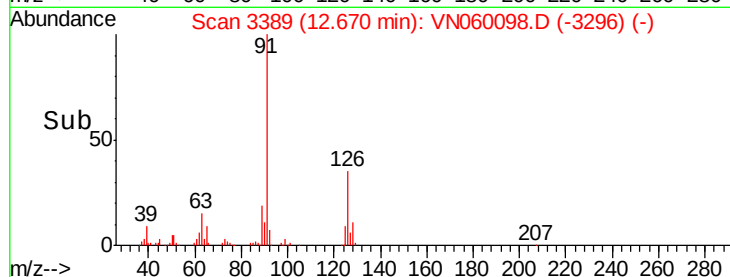
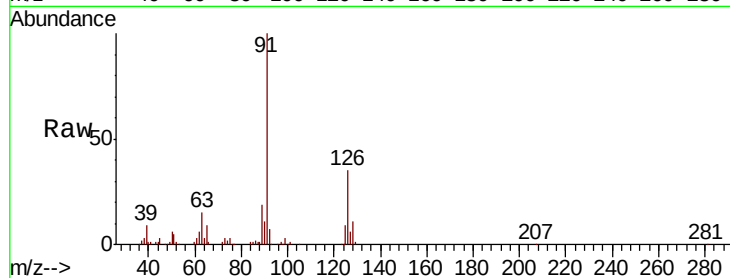
ClientSampled :

Tot Ion: 91 Resp: 346413

Ion Ratio Lower Upper

91 100

126 34.2 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 47.290 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060098.D

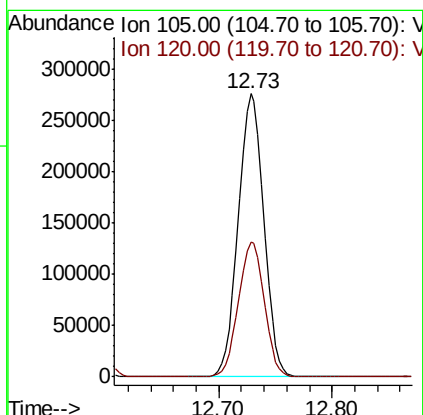
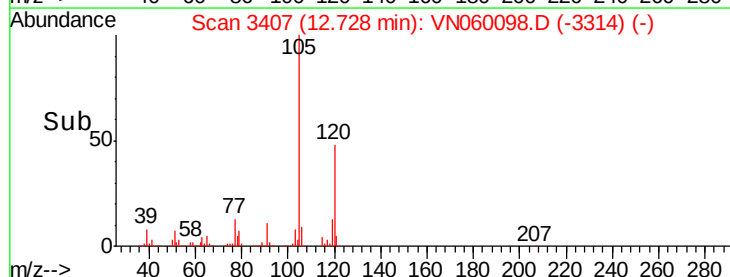
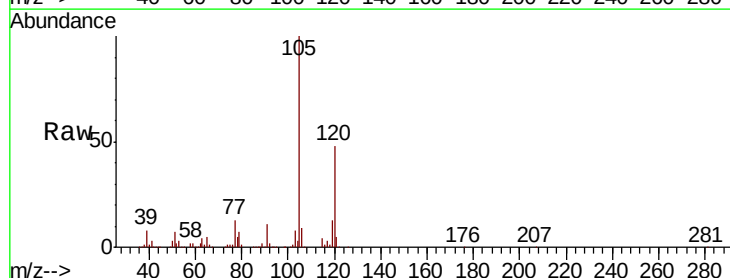
Acq: 14 Feb 2020 9:29

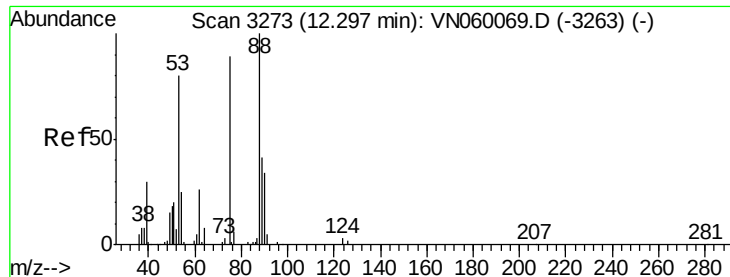
Tgt Ion: 105 Resp: 435976

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 50.115 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

ClientSampleId :

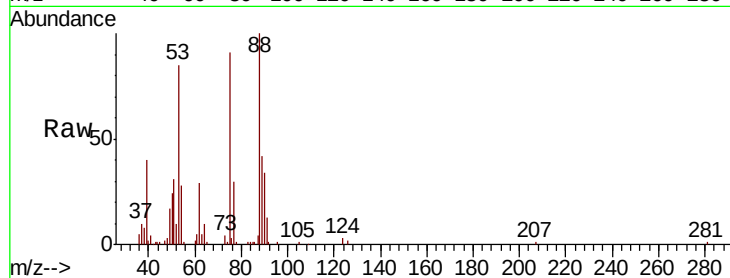
Tot Ion: 75 Resp: 58144

Ion Ratio Lower Upper

75 100

53 91.8 73.9 110.9

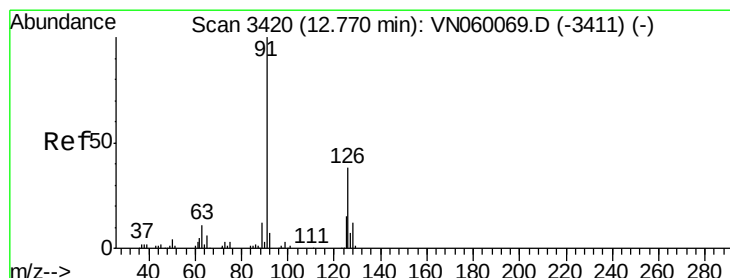
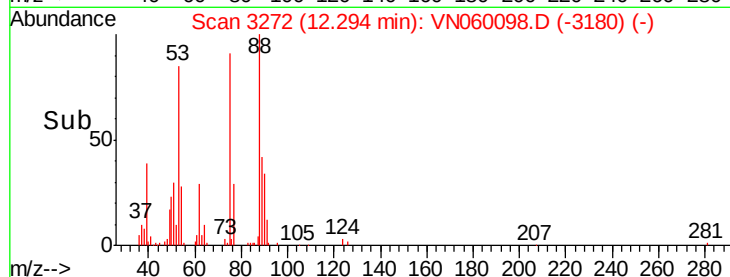
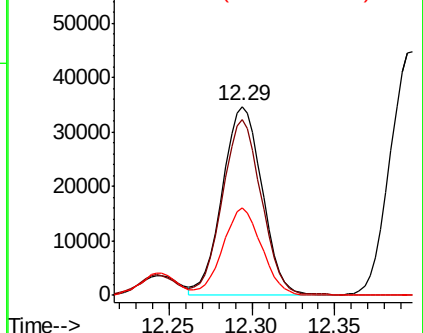
89 44.7 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3263) (-)

Ion 53.00 (52.70 to 53.70): VN060069.D (-3263) (-)

Ion 88.90 (88.60 to 89.60): VN060069.D (-3263) (-)



#82

4-Chlorotoluene

Concen: 47.568 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060098.D

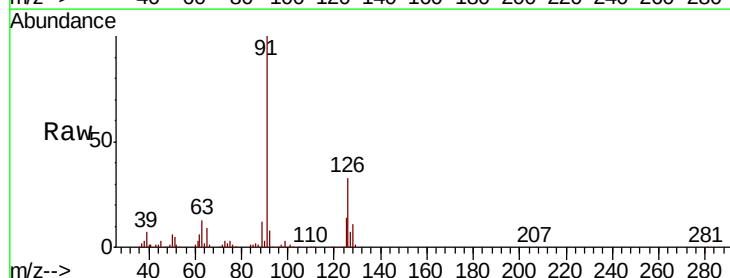
Acq: 14 Feb 2020 9:29

Tgt Ion: 91 Resp: 362373

Ion Ratio Lower Upper

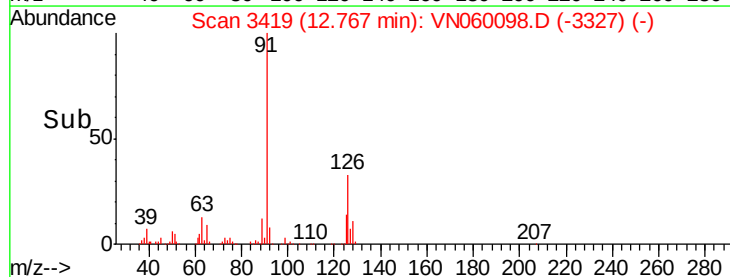
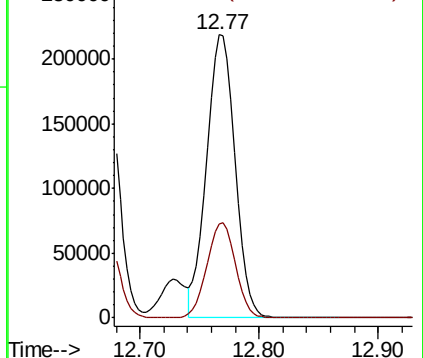
91 100

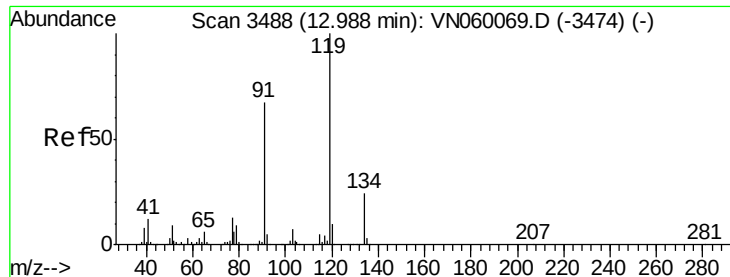
126 33.8 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3411) (-)

Ion 125.90 (125.60 to 126.60): VN060069.D (-3411) (-)

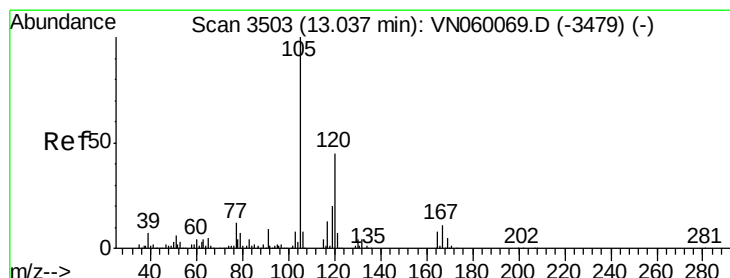
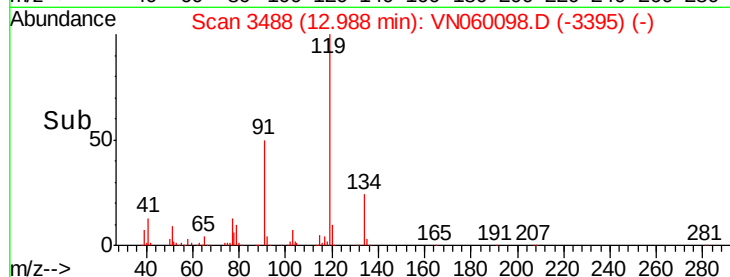
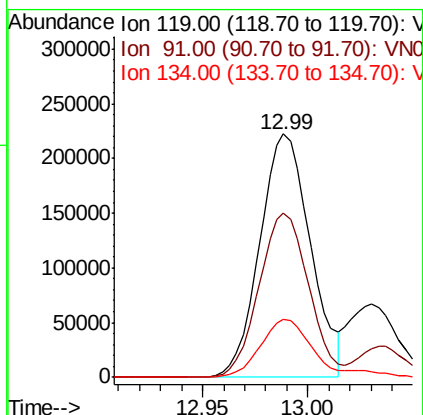
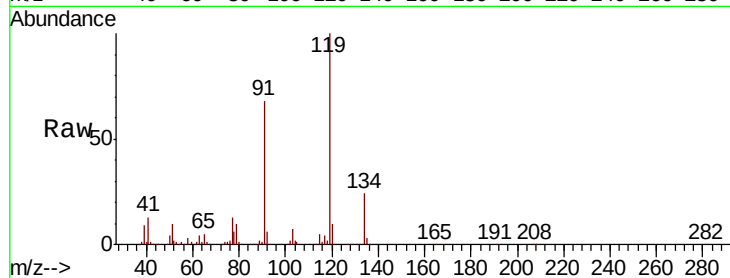




#83
 tert-Butylbenzene
 Concen: 45.594 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

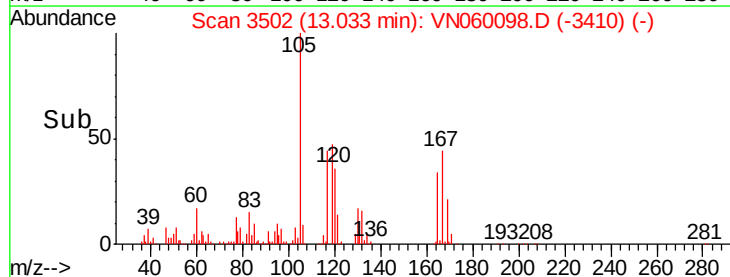
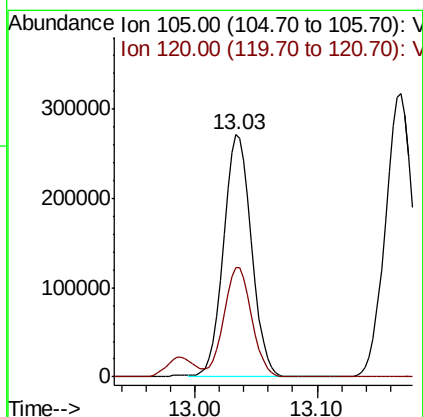
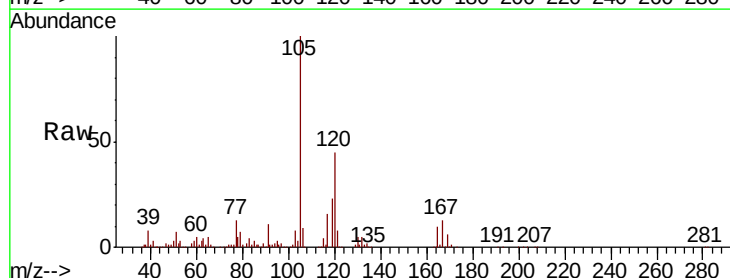
Instrument :
 MSVOA_N
 ClientSampleId :

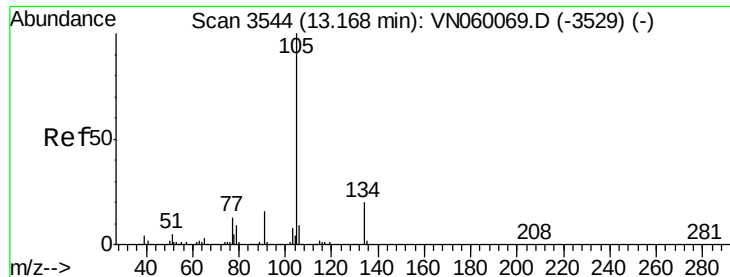
Tot Ion:119 Resp: 371834
 Ion Ratio Lower Upper
 119 100
 91 66.3 32.7 98.1
 134 25.5 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 48.002 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Tgt Ion:105 Resp: 436842
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3

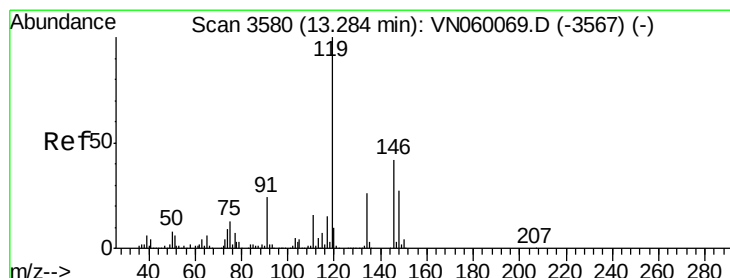
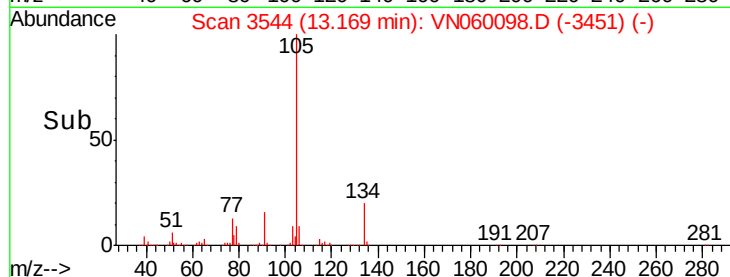
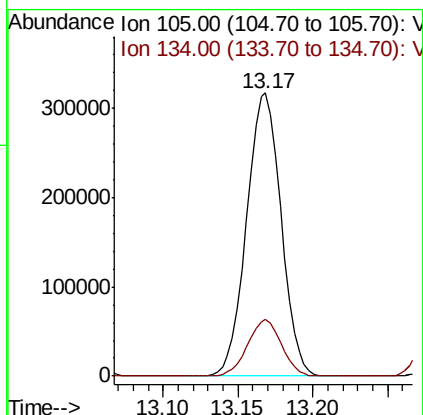
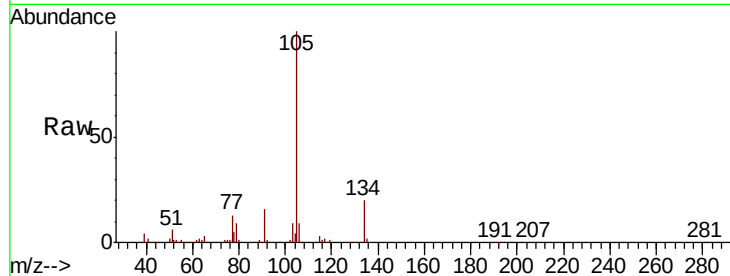




#85
 sec-Butylbenzene
 Concen: 47.116 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

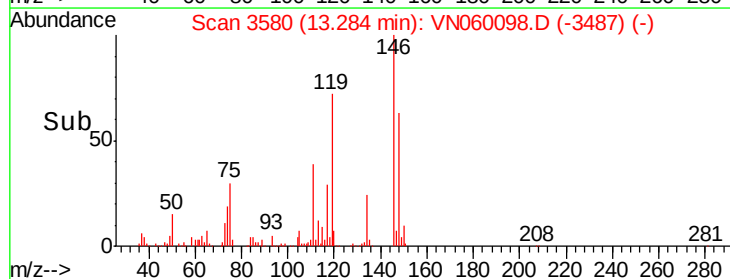
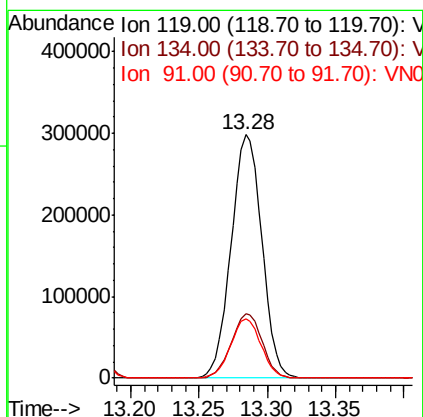
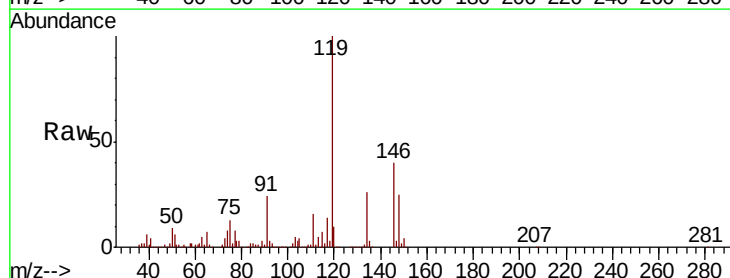
Instrument :
 MSVOA_N
 ClientSampled :

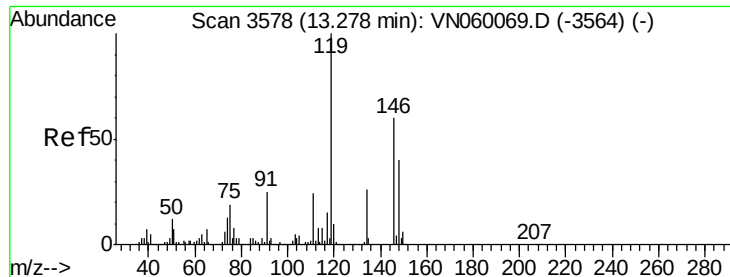
Tot Ion:105 Resp: 508888
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 47.567 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Tgt Ion:119 Resp: 465478
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 24.2 11.9 35.9

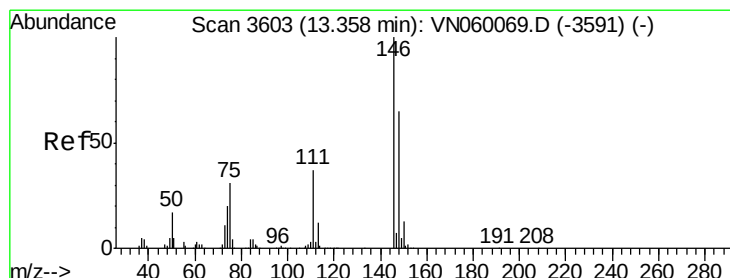
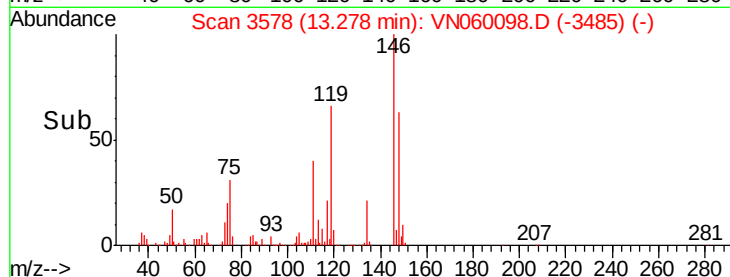
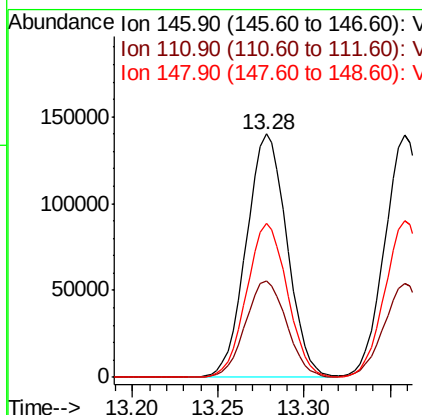
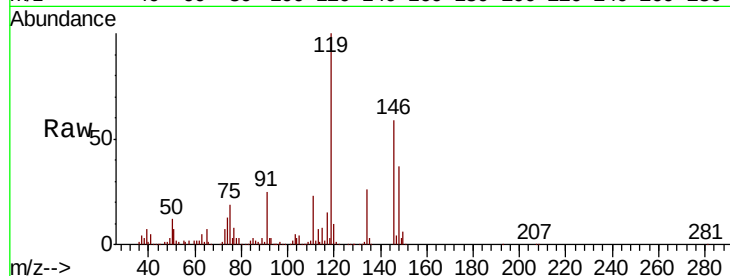




#87
 1,3-Dichlorobenzene
 Concen: 47.213 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

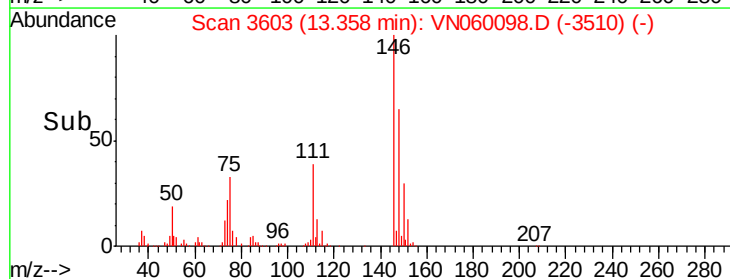
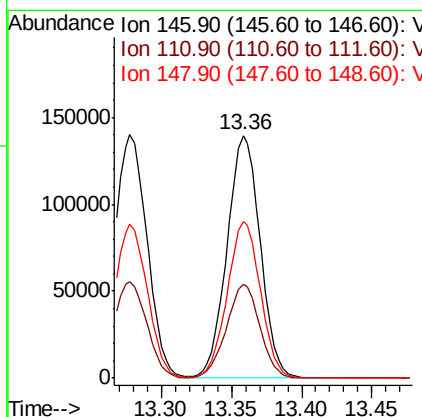
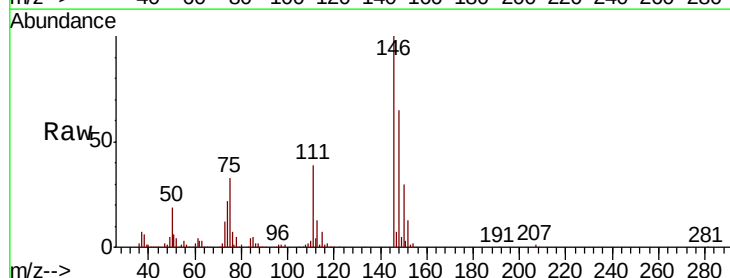
Instrument :
 MSVOA_N
 ClientSampled :

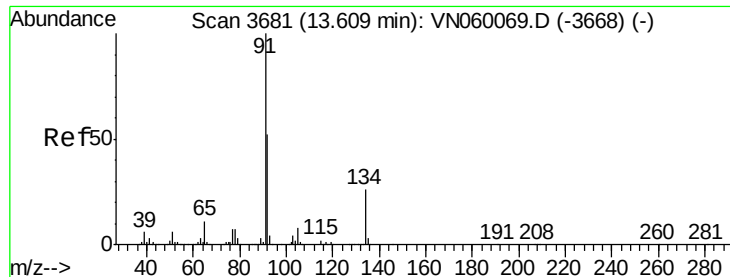
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.8	59.3
148	63.3	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.991 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.9	56.5
148	64.8	32.0	96.0





#89

n-Butylbenzene

Concen: 49.848 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060098.D

Acq: 14 Feb 2020 9:29

Instrument :

MSVOA_N

ClientSampleId :

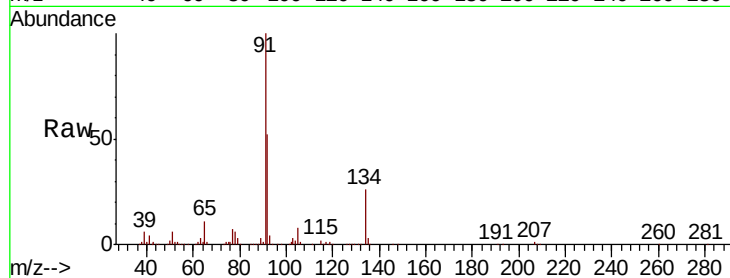
Tot Ion: 91 Resp: 429051

Ion Ratio Lower Upper

91 100

92 52.0 26.1 78.2

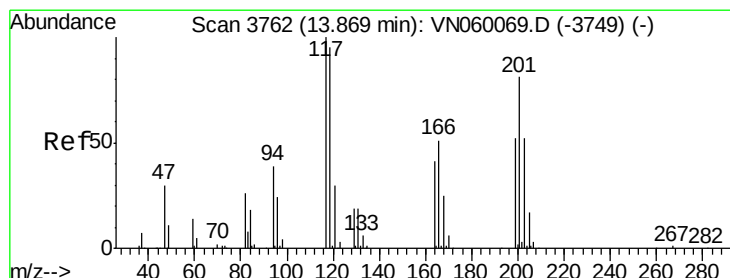
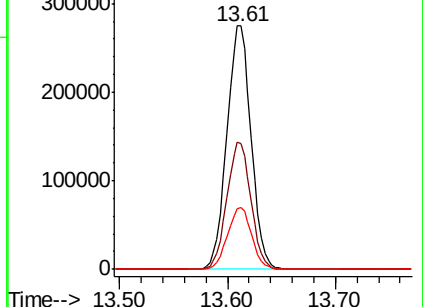
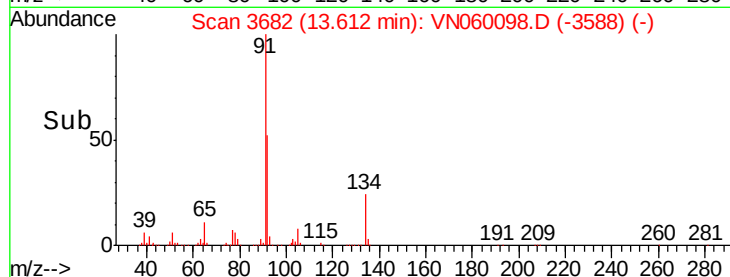
134 25.5 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN060069.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN060069.D (-3668) (-)



#90

Hexachloroethane

Concen: 46.946 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN060098.D

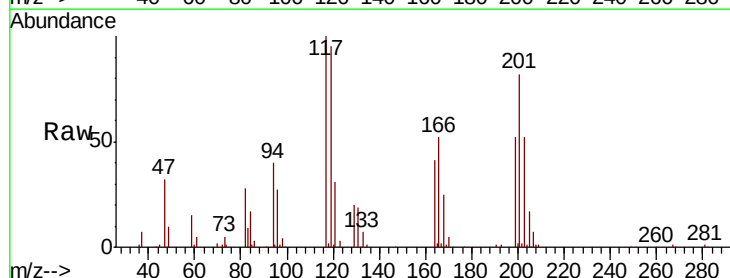
Acq: 14 Feb 2020 9:29

Tgt Ion: 117 Resp: 85825

Ion Ratio Lower Upper

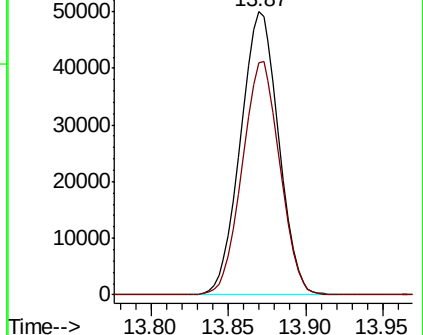
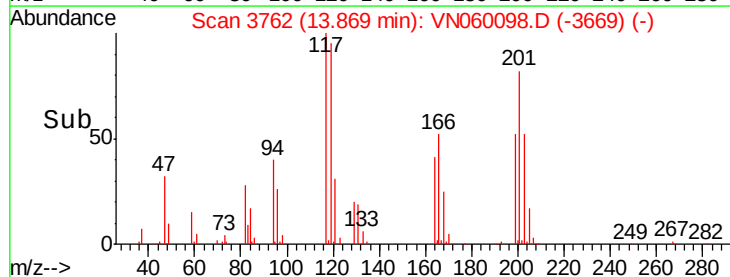
117 100

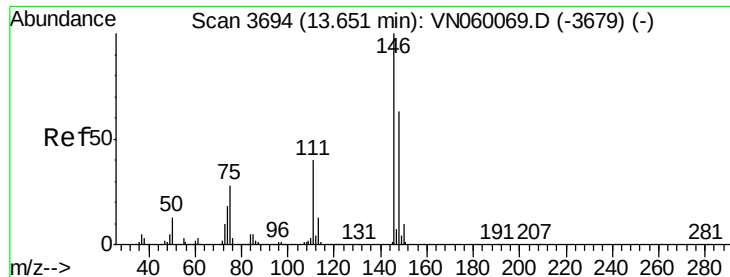
201 81.3 41.7 125.1



Abundance Ion 116.80 (116.50 to 117.50): VN060069.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060069.D (-3749) (-)

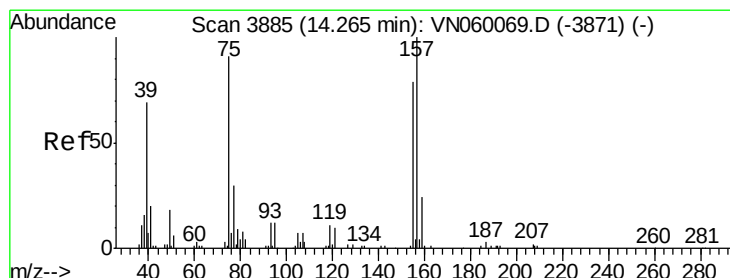
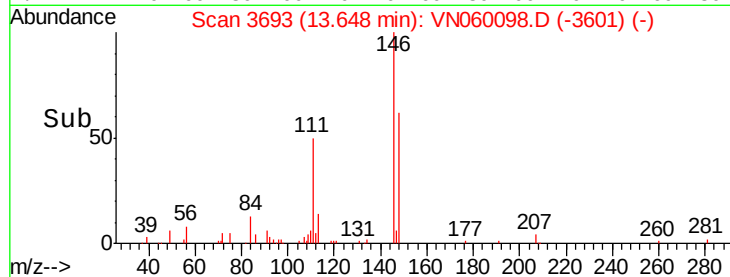
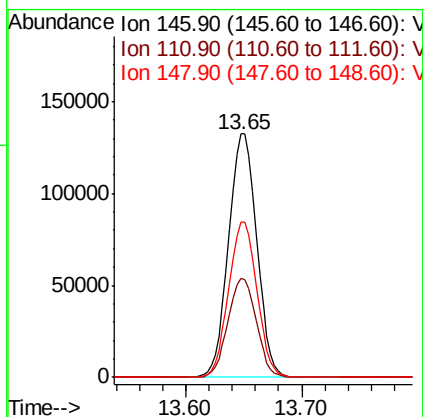
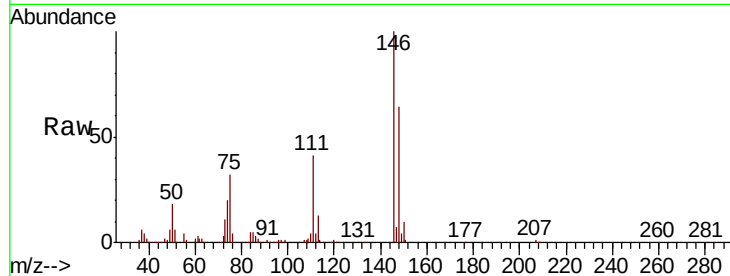




#91
 1,2-Dichlorobenzene
 Concen: 46.698 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

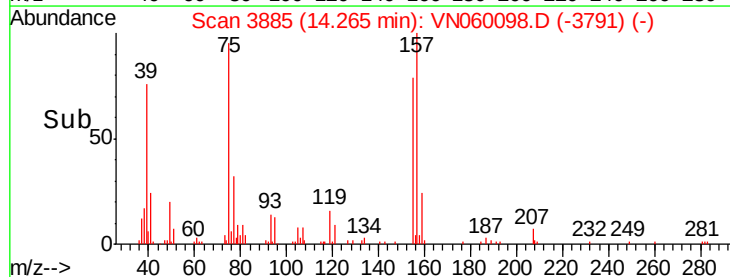
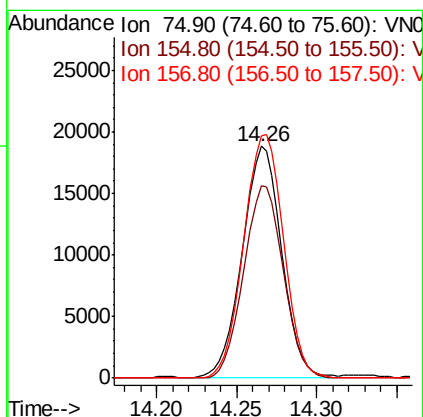
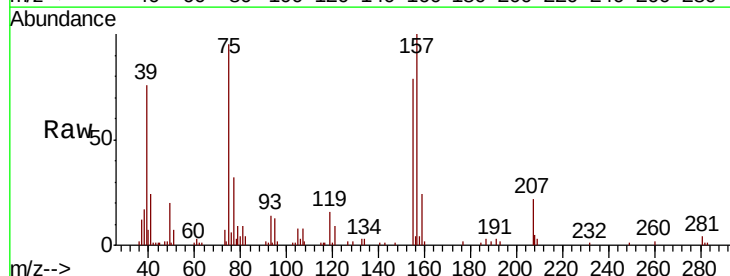
Instrument :
 MSVOA_N
 ClientSampleId :

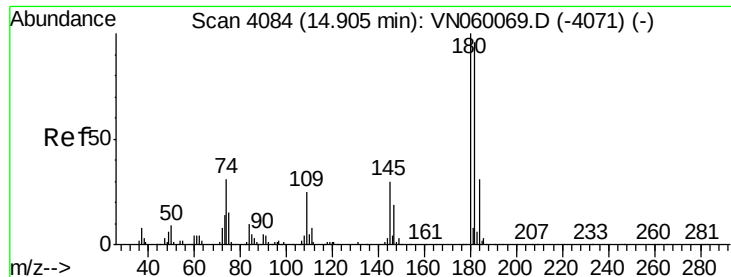
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.1	60.2
148	64.0	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.782 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	43.0	129.0
157	105.9	54.9	164.5

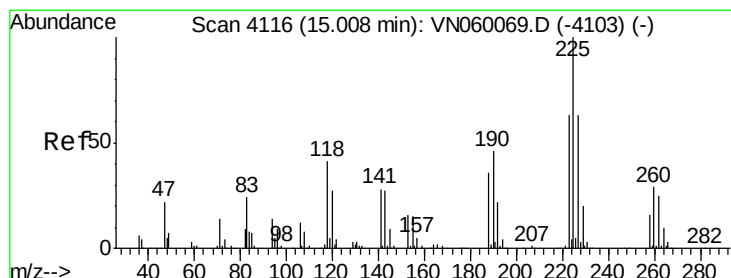
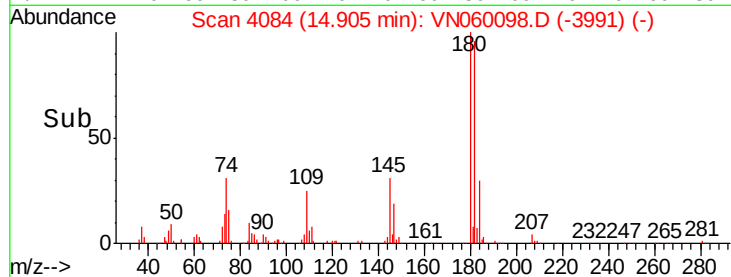
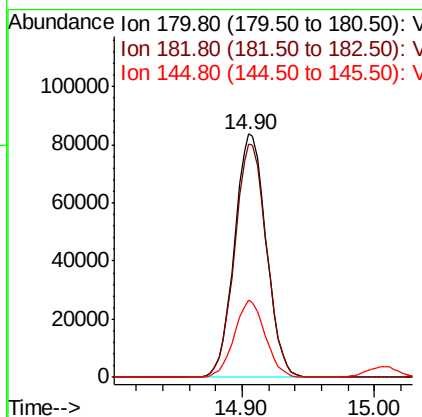
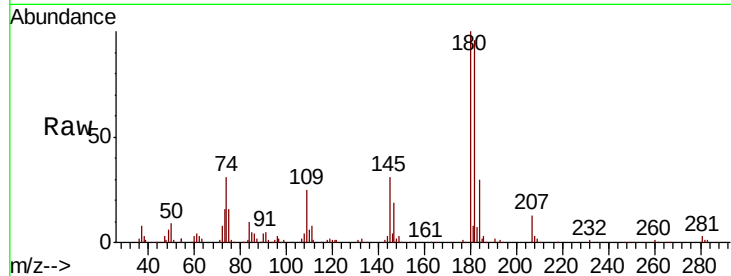




#93
 1,2,4-Trichlorobenzene
 Concen: 49.564 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

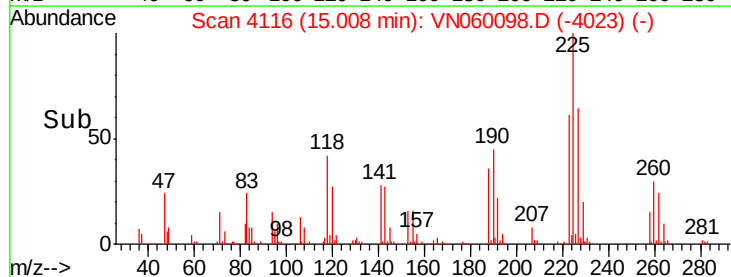
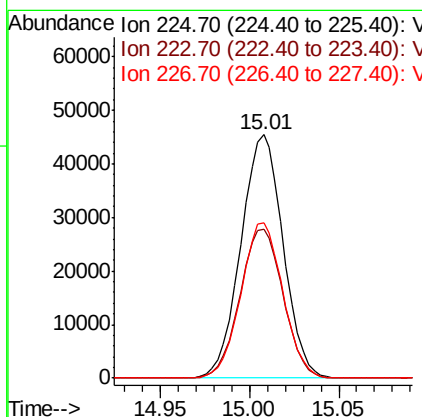
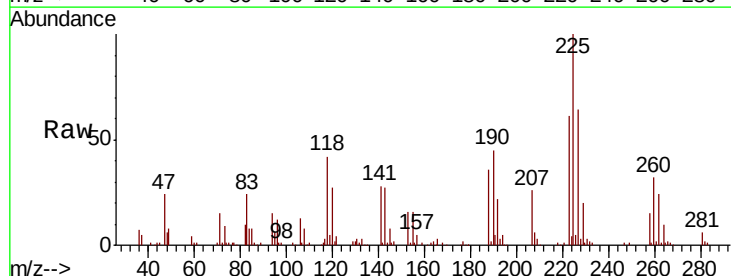
Instrument :
 MSVOA_N
 ClientSampled :

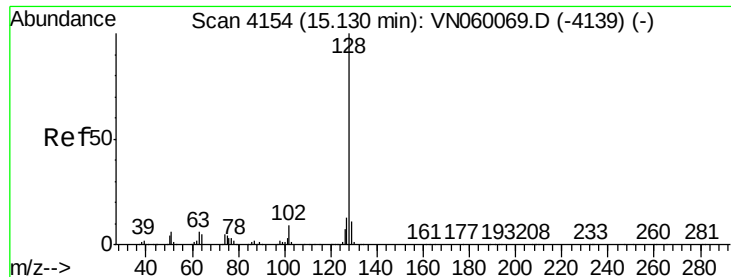
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.9	143.8
145	30.8	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 45.879 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060098.D
 Acq: 14 Feb 2020 9:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.5	94.5
227	63.3	31.8	95.4

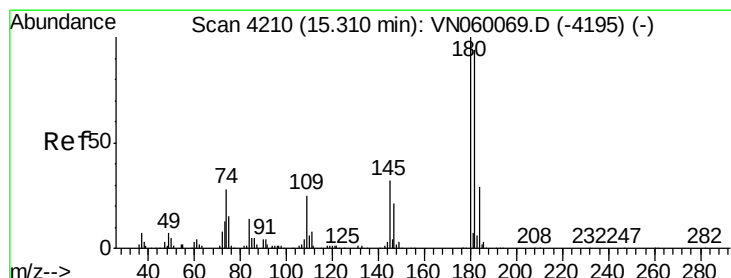
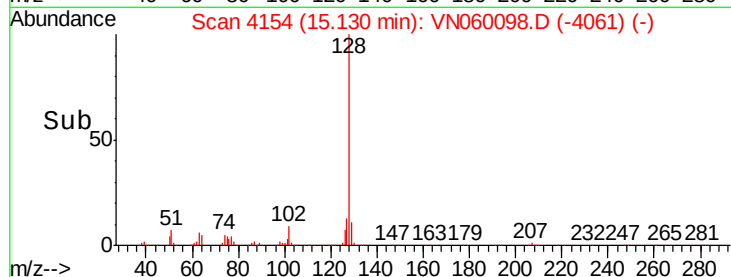
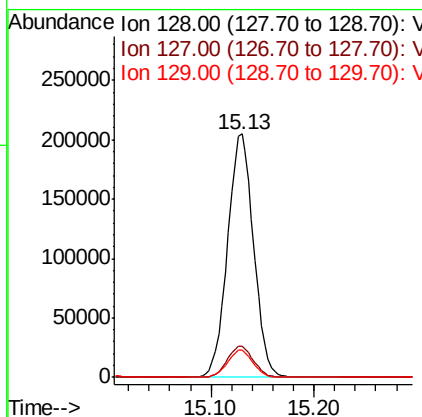
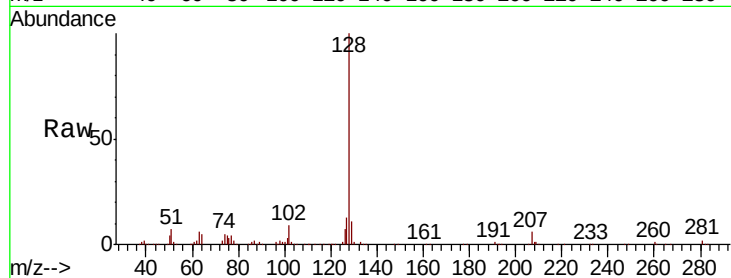




#95
Naphthalene
Concen: 47.553 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 359778
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.674 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060098.D
Acq: 14 Feb 2020 9:29

Tgt Ion:180 Resp: 130183
Ion Ratio Lower Upper
180 100
182 96.4 47.5 142.5
145 32.5 16.1 48.3

