

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041219\
 Data File : VN054994.D
 Acq On : 12 Apr 2019 12:36
 Operator : JC/SP
 Sample : VN0412WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 12 23:04:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	73702	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	406526	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	349507	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	172588	30.72	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.40%
60) 4-Bromofluorobenzene	12.40	95	158746	29.18	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.27%
63) Toluene-d8	10.09	98	511530	30.78	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	84660	19.531	ug/l 100
3) Chloromethane	2.06	50	118477	20.233	ug/l 97
4) Vinyl Chloride	2.19	62	101606	20.066	ug/l 98
5) Bromomethane	2.56	94	60077	20.511	ug/l 98
6) Chloroethane	2.71	64	57502	20.276	ug/l 94
7) Trichlorofluoromethane	3.02	101	129696	20.044	ug/l 95
8) Diethyl Ether	3.41	74	42981	20.688	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	69997	19.789	ug/l 71
10) 1,1-Dichloroethene	3.73	96	63737	19.490	ug/l 95
11) Methyl Iodide	3.94	142	100965	20.401	ug/l 99
12) Methyl Acetate	4.33	43	93506	23.246	ug/l 96
13) Acrolein	3.61	56	34555	98.020	ug/l 96
14) Acrylonitrile	5.00	53	183567	111.390	ug/l 97
15) Acetone	3.82	58	38172	93.606	ug/l 94
16) Carbon Disulfide	4.04	76	207519	18.918	ug/l 98
17) Allyl chloride	4.31	41	161034	19.996	ug/l 97
18) Methylene Chloride	4.55	84	96857	20.037	ug/l 98
19) trans-1,2-Dichloroethene	5.04	96	85098	19.990	ug/l 99
20) Diisopropyl ether	5.96	45	332694	20.392	ug/l 98
21) 1,1-Dichloroethane	5.85	63	180060	20.663	ug/l 100
22) cis-1,2-Dichloroethene	6.82	96	99434	20.095	ug/l 99
23) tert-Butyl Alcohol	4.83	59	30613	116.501	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	236107	21.502	ug/l # 63
25) Chloroform	7.37	83	173221	20.752	ug/l 98
26) Cyclohexane	7.65	56	158722	19.631	ug/l # 99
29) 1,1-Dichloropropene	7.79	75	125239	19.781	ug/l 98
30) 2-Butanone	6.85	43	224230	106.696	ug/l 100
31) 2,2-Dichloropropane	6.82	77	114472	19.645	ug/l # 100
32) 1,1,1-Trichloroethane	7.57	97	137416	20.535	ug/l 98
33) Carbon Tetrachloride	7.77	117	113071	19.516	ug/l 97
34) Benzene	8.04	78	381236	20.320	ug/l 99
35) Methacrylonitrile	7.18	41	52984	21.390	ug/l 92
36) 1,2-Dichloroethane	8.12	62	131873	20.566	ug/l 100
37) Trichloroethene	8.84	130	95082	19.879	ug/l 96
38) Methylcyclohexane	9.08	83	140899	19.191	ug/l 100
39) 1,2-Dichloropropane	9.12	63	107318	20.715	ug/l 99
40) Dibromomethane	9.21	93	60413	20.631	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	121245	20.062	ug/l	98
42) Vinyl Acetate	5.90	43	1113313	104.786	ug/l	99
43) Ethyl Acetate	6.94	43	86542	20.213	ug/l	100
44) Isopropyl Acetate	8.17	43	157136	21.657	ug/l	98
45) 1,4-Dioxane	9.20	88	17714	440.682	ug/l	95
46) Methyl methacrylate	9.20	41	79527	21.188	ug/l	97
47) n-amyl Acetate	12.07	43	111213	20.811	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	106928	19.267	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	133839	19.535	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	84547	21.258	ug/l	99
51) Ethyl methacrylate	10.43	69	95955	20.239	ug/l	98
52) 1,3-Dichloropropane	10.71	76	146603	21.036	ug/l	100
53) Dibromochloromethane	10.90	129	81454	19.882	ug/l	100
54) 1,2-Dibromoethane	11.00	107	78389	20.994	ug/l	97
55) 2-Chloroethyl vinyl ether	9.70	63	191222	96.478	ug/l	100
56) Bromoform	12.13	173	49890	19.381	ug/l #	97
58) 4-Methyl-2-Pentanone	9.99	43	461779	114.570	ug/l	100
59) 2-Hexanone	10.75	43	283621	110.767	ug/l	99
61) Tetrachloroethene	10.63	164	92050	20.238	ug/l	95
62) Toluene	10.16	91	392253	20.369	ug/l	98
64) Chlorobenzene	11.43	112	236815	20.369	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	85052	20.569	ug/l	98
66) Ethyl Benzene	11.51	91	415754	20.140	ug/l	100
67) m/p-Xylenes	11.62	106	312499	40.725	ug/l	100
68) o-Xylene	11.95	106	153804	20.283	ug/l	99
69) Styrene	11.96	104	230301	19.558	ug/l	98
70) Isopropylbenzene	12.25	105	413508	20.395	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	103269	22.270	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	116646	30.459	ug/l	1
73) Bromobenzene	12.53	156	93948	19.605	ug/l	96
74) n-propylbenzene	12.59	91	447067	19.697	ug/l	100
75) 2-Chlorotoluene	12.67	91	277106	20.243	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	329798	20.120	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	19109	19.796	ug/l	98
78) 4-Chlorotoluene	12.77	91	252213	19.337	ug/l	99
79) tert-butylbenzene	12.99	119	284126	20.033	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	319312	19.830	ug/l	98
81) sec-Butylbenzene	13.17	105	380892	20.099	ug/l	99
82) p-Isopropyltoluene	13.29	119	309522	19.353	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	155558	19.403	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	141541	18.579	ug/l	98
85) n-Butylbenzene	13.61	91	225438	17.695	ug/l	99
86) Hexachloroethane	13.87	117	48091	18.783	ug/l	96
87) 1,2-Dichlorobenzene	13.65	146	159010	20.253	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	11969	19.420	ug/l	91
89) 1,2,4-Trichlorobenzene	14.91	180	55153	15.713	ug/l	91
90) Hexachlorobutadiene	15.01	225	47397	18.520	ug/l	98
91) Naphthalene	15.13	128	127571	17.357	ug/l	98
92) 1,2,3-Trichlorobenzene	15.31	180	62378	17.769	ug/l	98

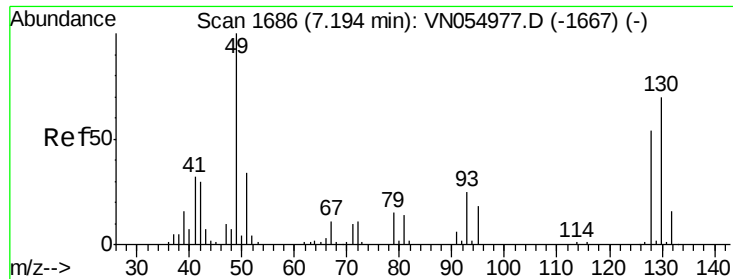
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

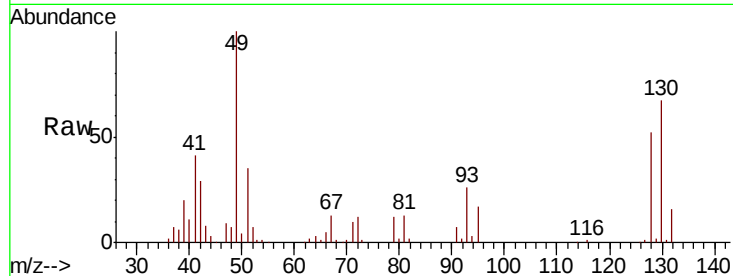
Tot Ion:128 Resp: 73702

Ion Ratio Lower Upper

128 100

49 190.2 0.0 480.3

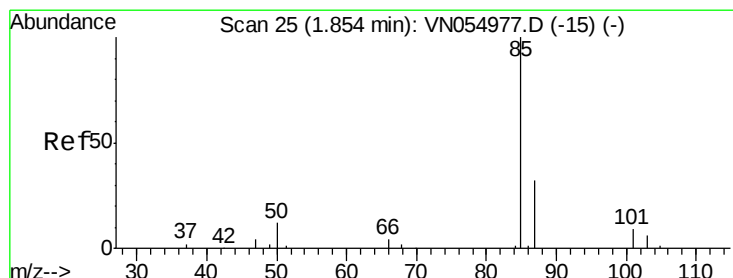
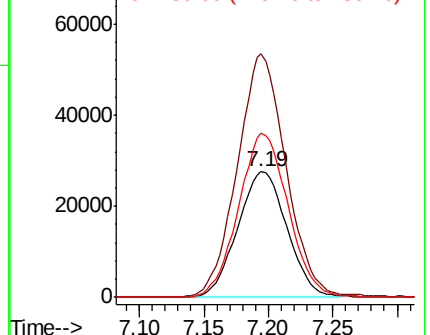
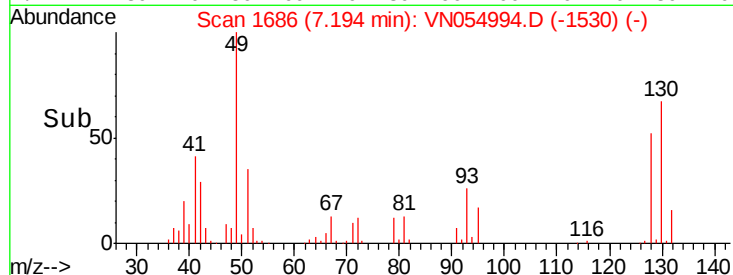
130 130.9 0.0 322.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.531 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054994.D

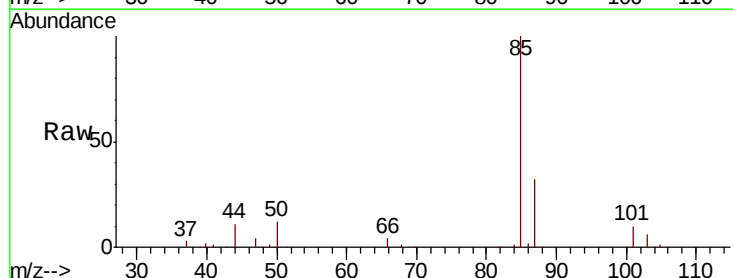
Acq: 12 Apr 2019 12:36

Tgt Ion: 85 Resp: 84660

Ion Ratio Lower Upper

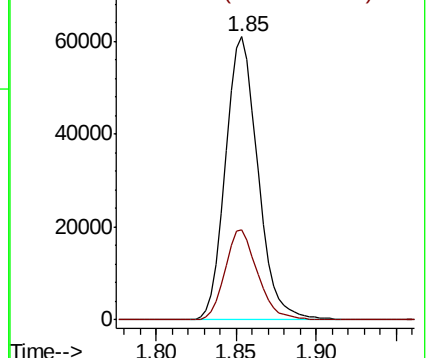
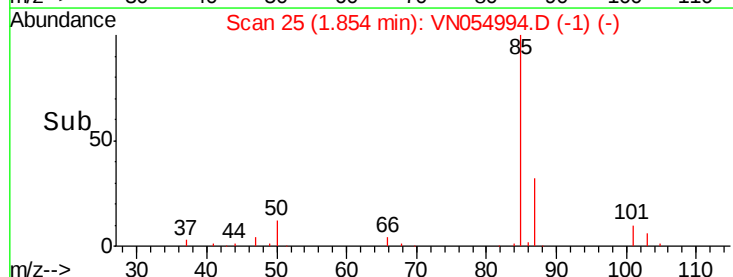
85 100

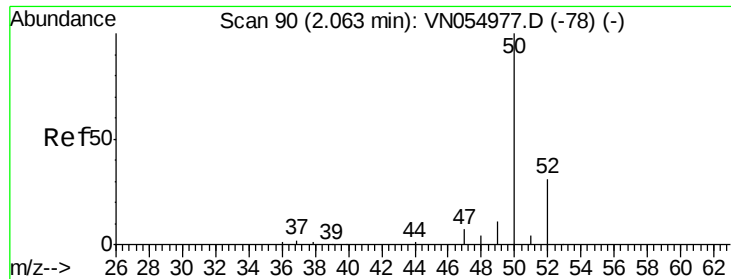
87 31.9 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 20.233 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :

MSVOA_N

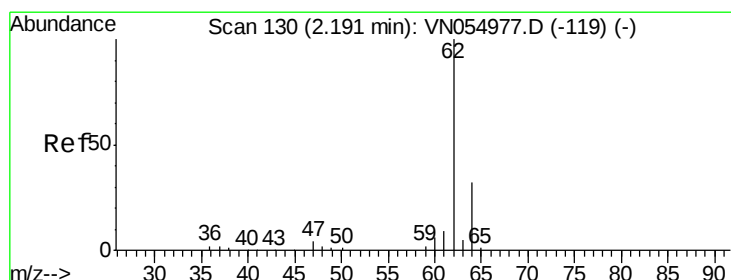
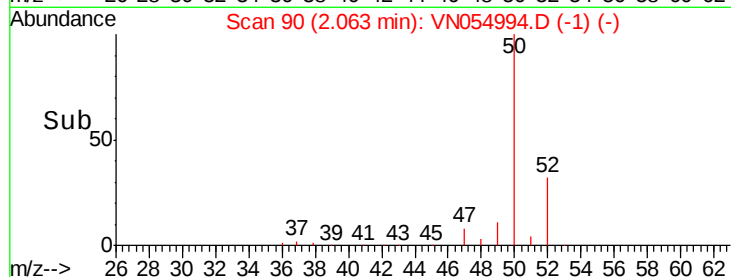
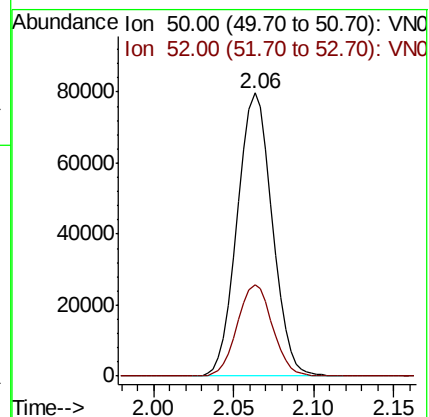
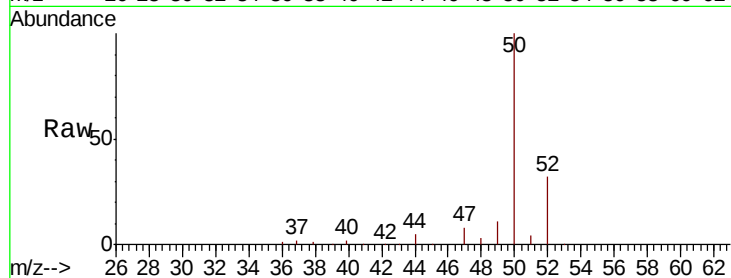
ClientSampled :

Tot Ion: 50 Resp: 118477

Ion Ratio Lower Upper

50 100

52 32.4 24.5 36.7



#4

Vinyl Chloride

Concen: 20.066 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN054994.D

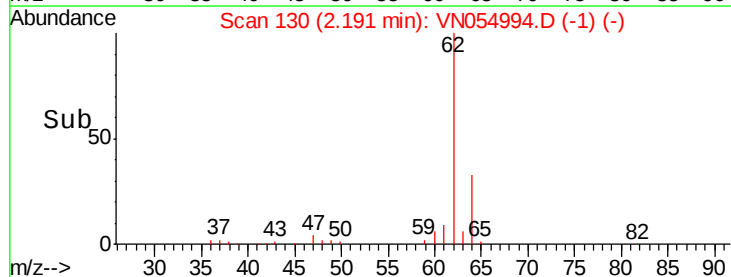
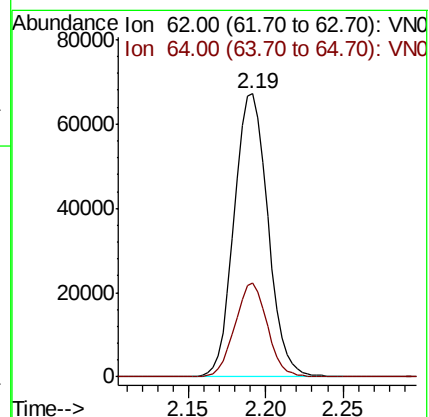
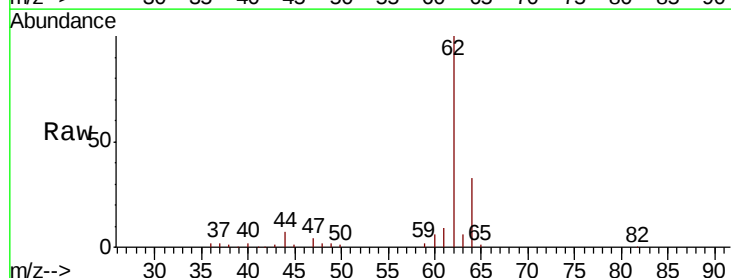
Acq: 12 Apr 2019 12:36

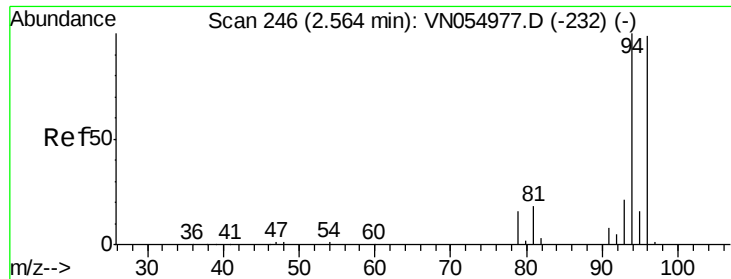
Tgt Ion: 62 Resp: 101606

Ion Ratio Lower Upper

62 100

64 33.3 25.6 38.4

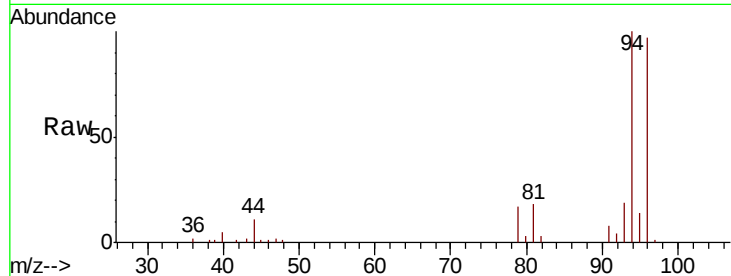




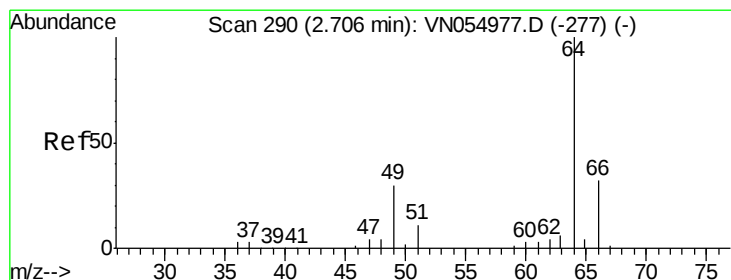
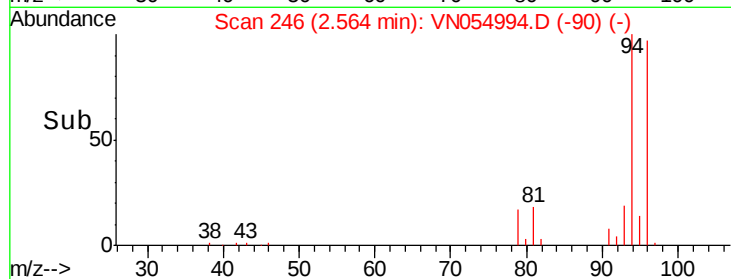
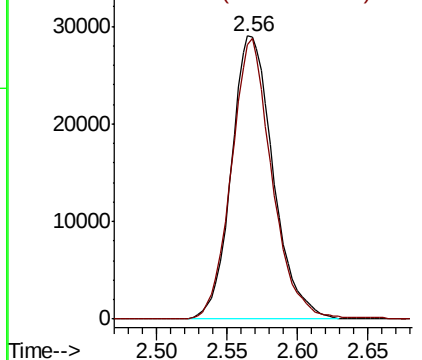
#5
Bromomethane
Concen: 20.511 ug/l
RT: 2.56 min Scan# 246
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 60077
Ion Ratio Lower Upper
94 100
96 96.9 79.1 118.7

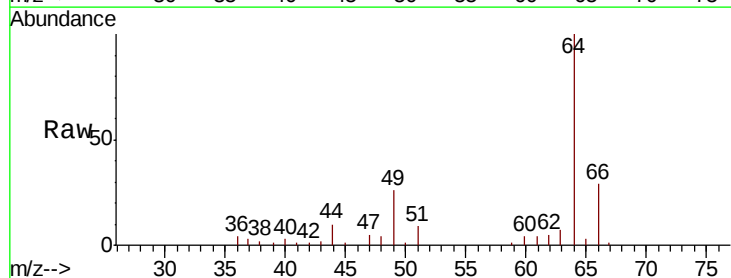


Abundance Ion 94.00 (93.70 to 94.70): VN0
Ion 96.00 (95.70 to 96.70): VN0

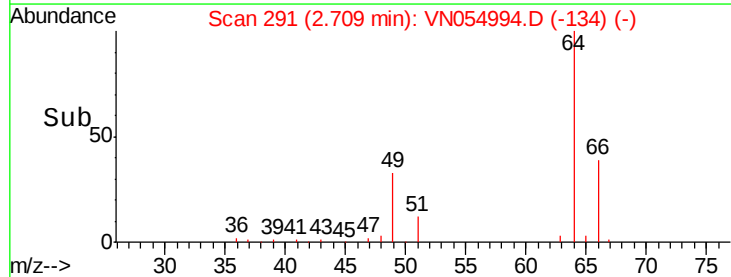
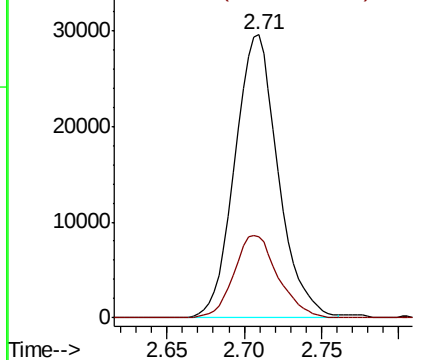


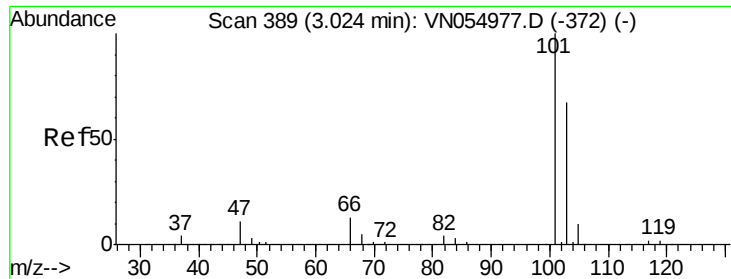
#6
Chloroethane
Concen: 20.276 ug/l
RT: 2.71 min Scan# 291
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion: 64 Resp: 57502
Ion Ratio Lower Upper
64 100
66 28.7 25.7 38.5



Abundance Ion 64.00 (63.70 to 64.70): VN0
Ion 66.00 (65.70 to 66.70): VN0



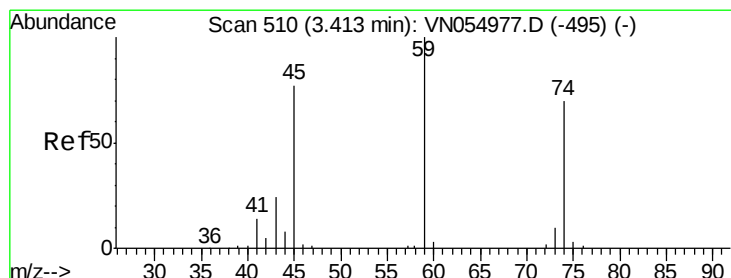
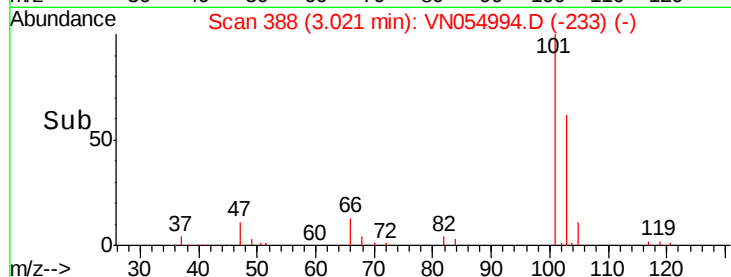
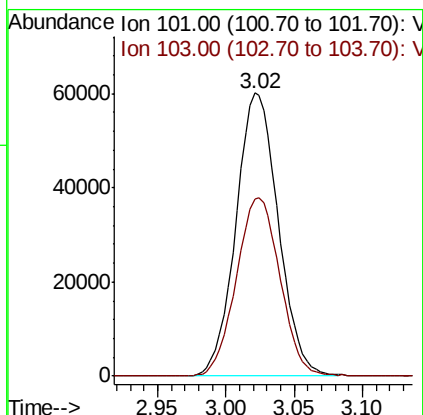
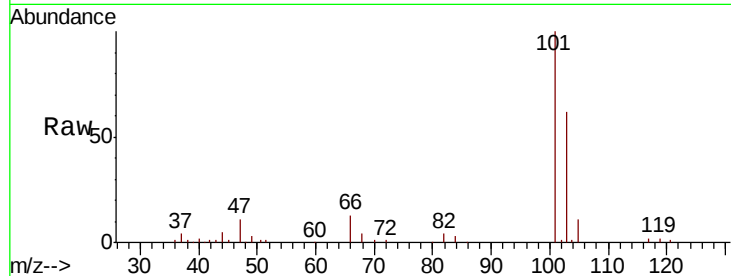


#7

Trichlorofluoromethane
 Concen: 20.044 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Instrument :
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 ClientSampleId :

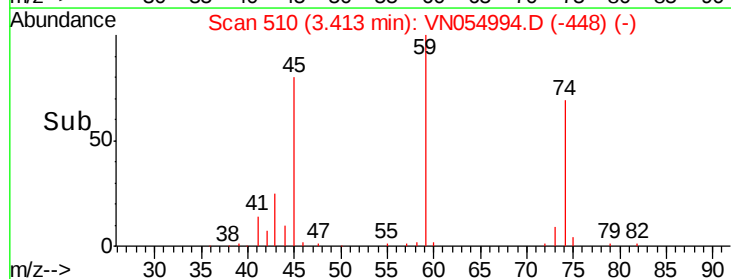
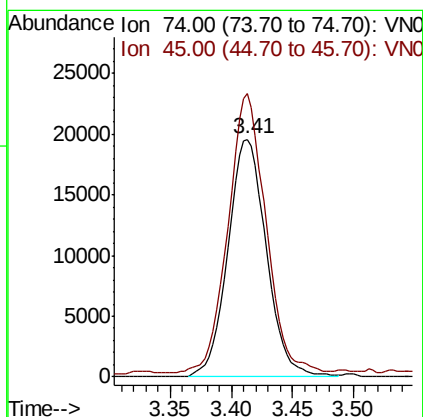
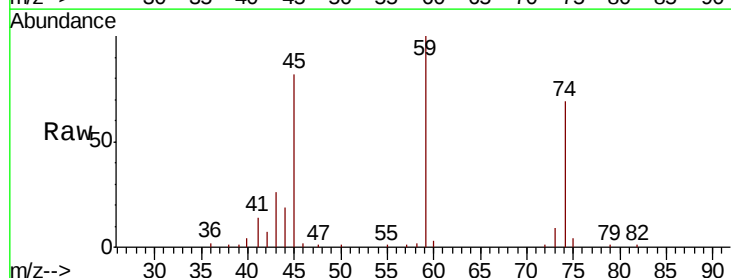
Tot Ion:101 Resp: 129696
 Ion Ratio Lower Upper
 101 100
 103 62.5 53.4 80.0

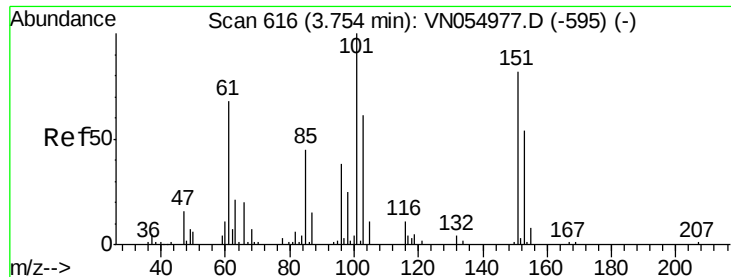


#8

Diethyl Ether
 Concen: 20.688 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Tgt Ion: 74 Resp: 42981
 Ion Ratio Lower Upper
 74 100
 45 115.3 22.9 205.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.789 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :

MSVOA_N

ClientSampled :

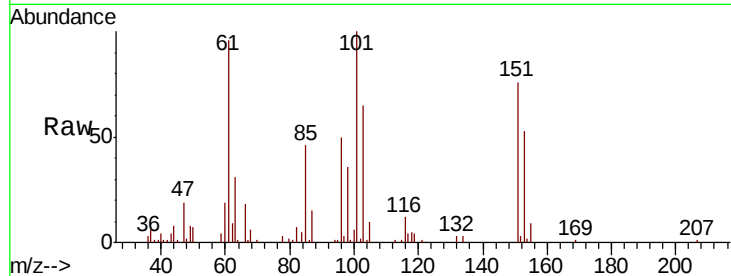
Tot Ion:101 Resp: 69997

Ion Ratio Lower Upper

101 100

85 46.6 0.0 91.4

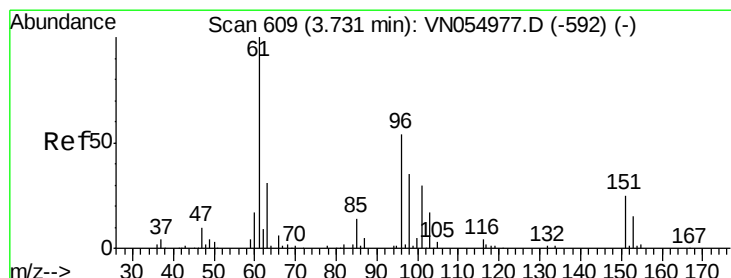
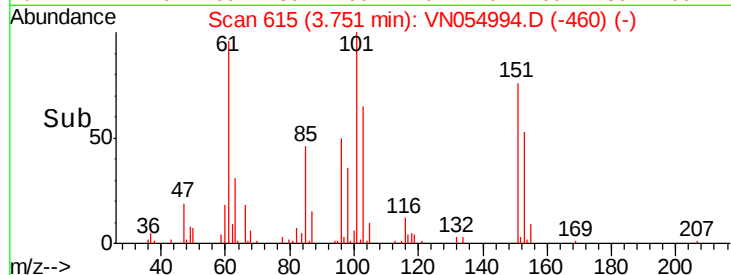
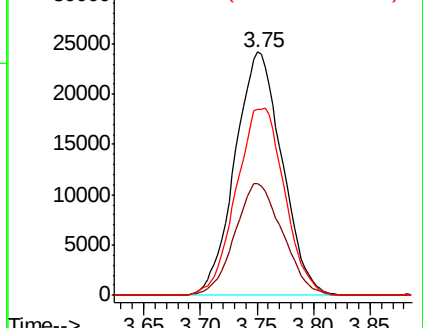
151 43.6 0.0 165.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.490 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

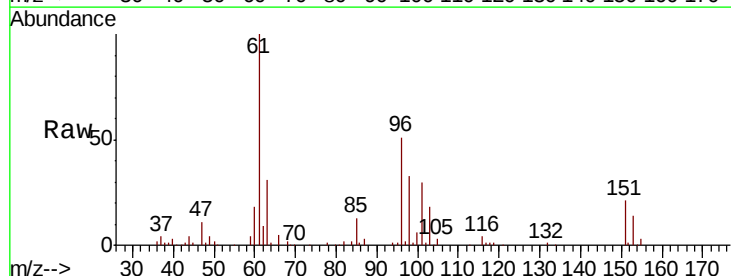
Tgt Ion: 96 Resp: 63737

Ion Ratio Lower Upper

96 100

61 194.7 148.4 222.6

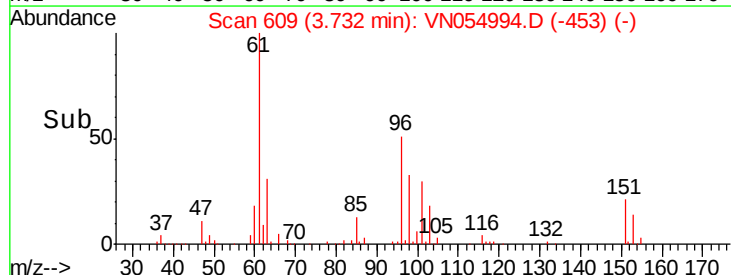
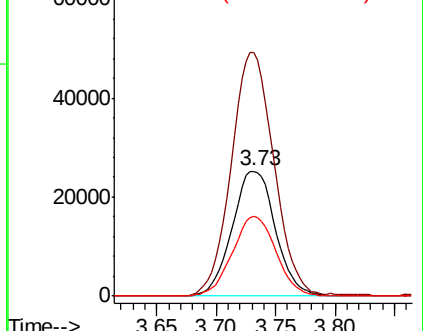
98 63.5 52.2 78.2

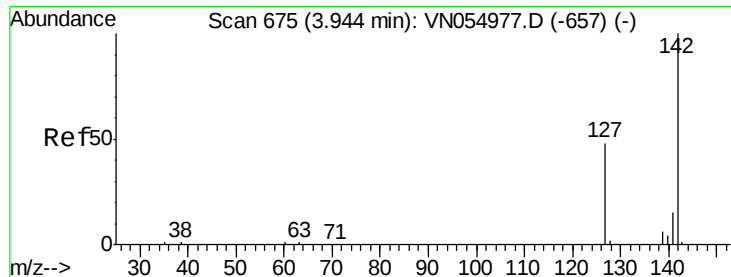


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

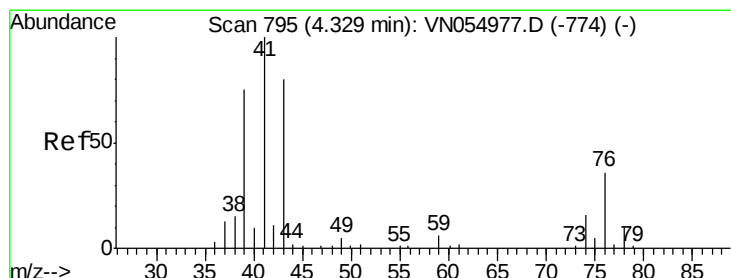
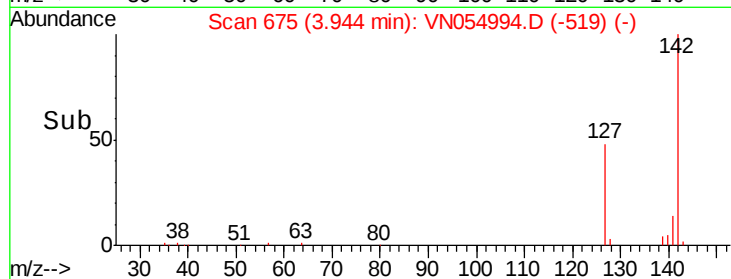
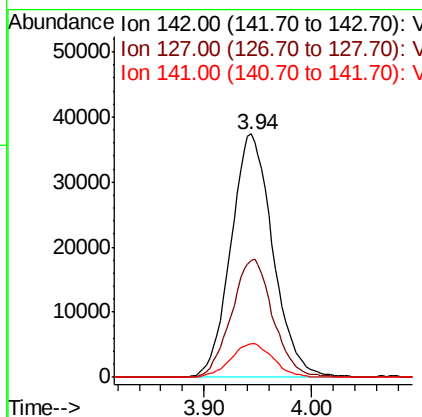
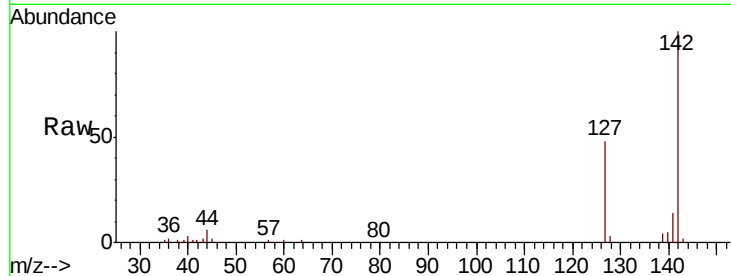




#11
Methyl Iodide
Concen: 20.401 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

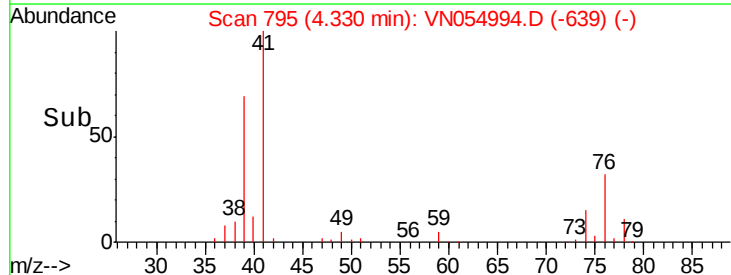
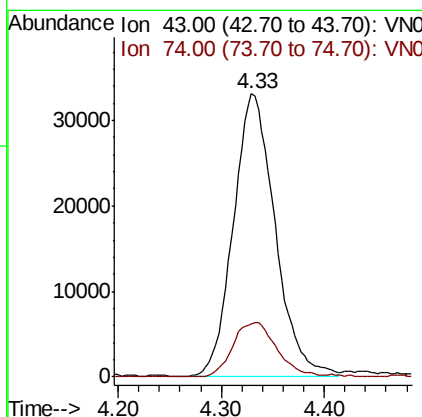
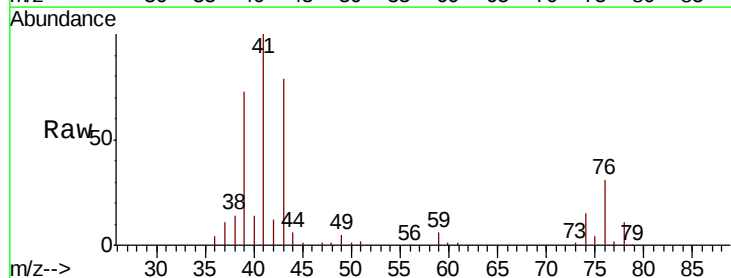
Instrument :
MSVOA_N
ClientSampled :

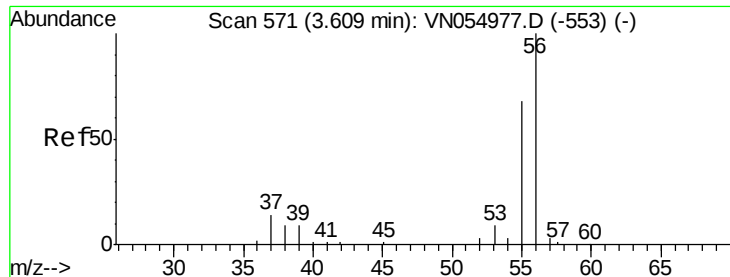
Tot Ion:142 Resp: 100965
Ion Ratio Lower Upper
142 100
127 48.1 23.8 71.5
141 13.7 7.3 22.0



#12
Methyl Acetate
Concen: 23.246 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion: 43 Resp: 93506
Ion Ratio Lower Upper
43 100
74 18.7 16.2 24.4





#13

Acrolein

Concen: 98.020 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :

MSVOA_N

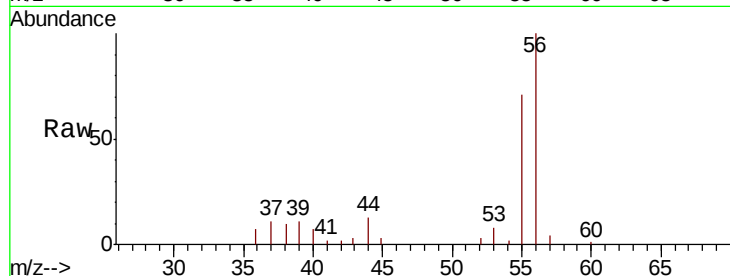
ClientSampleId :

Tot Ion: 56 Resp: 34555

Ion Ratio Lower Upper

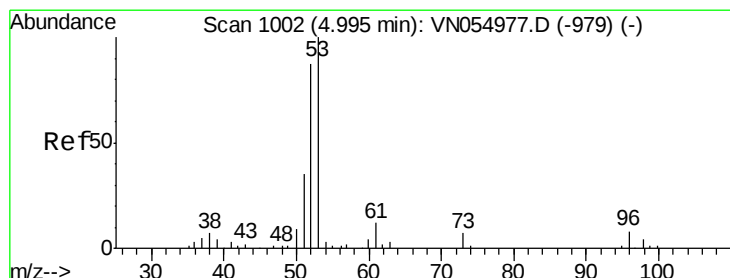
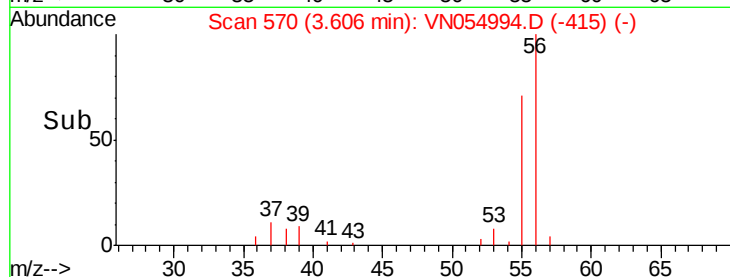
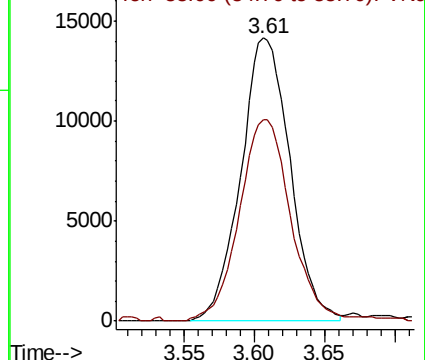
56 100

55 74.1 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 111.390 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

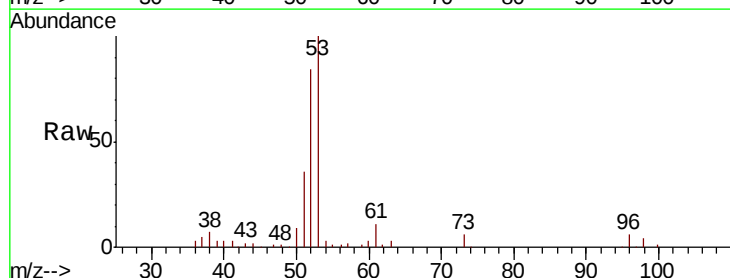
Tgt Ion: 53 Resp: 183567

Ion Ratio Lower Upper

53 100

52 82.0 42.3 126.8

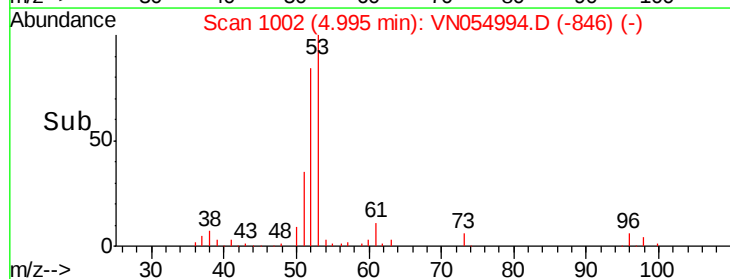
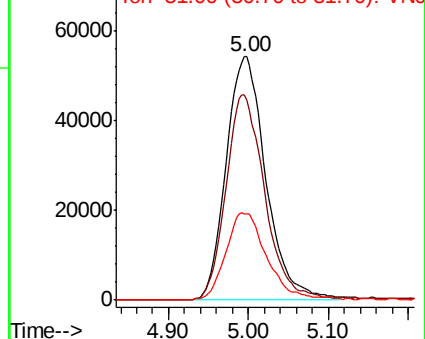
51 35.5 18.6 56.0

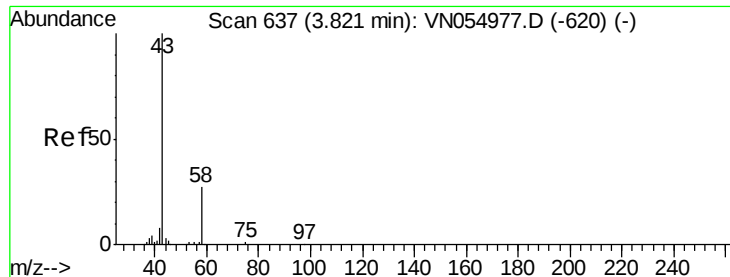


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 93.606 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :

MSVOA_N

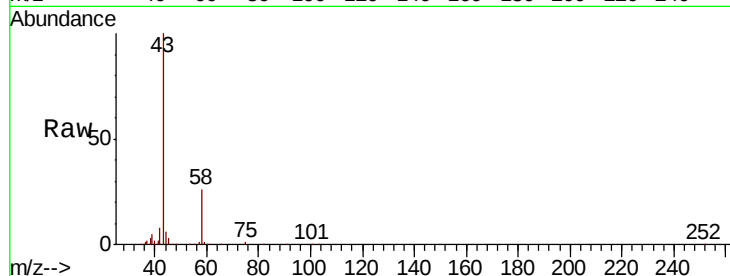
ClientSampleId :

Tot Ion: 58 Resp: 38172

Ion Ratio Lower Upper

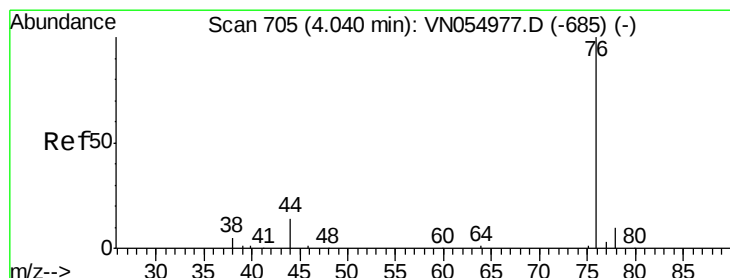
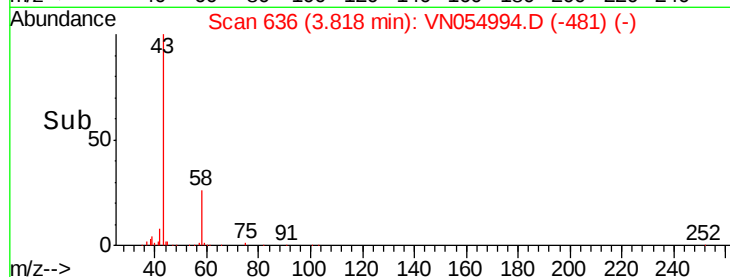
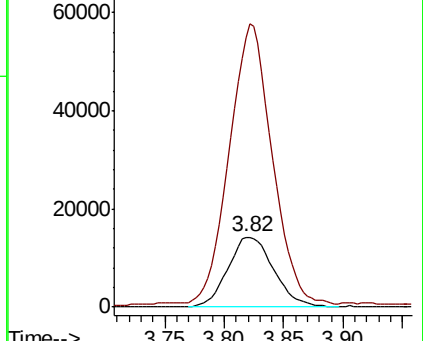
58 100

43 385.1 297.2 445.8



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 18.918 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN054994.D

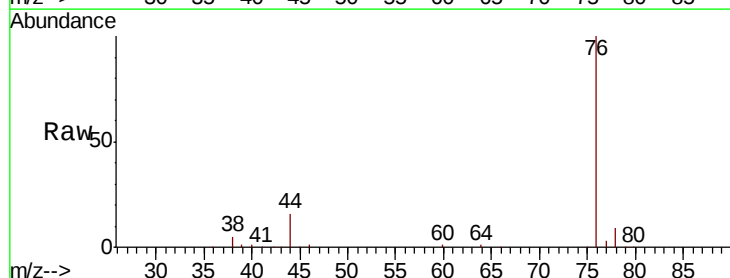
Acq: 12 Apr 2019 12:36

Tgt Ion: 76 Resp: 207519

Ion Ratio Lower Upper

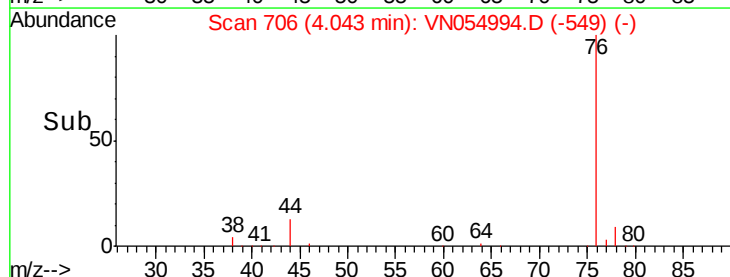
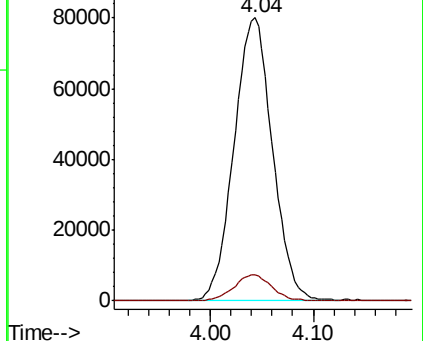
76 100

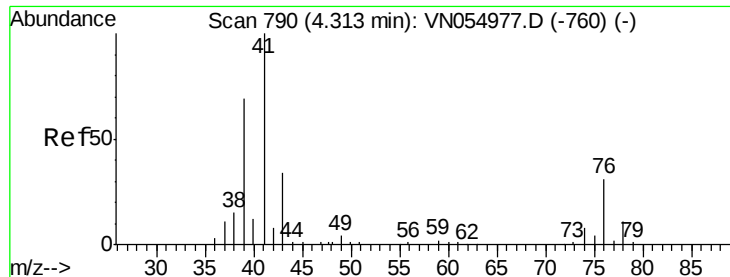
78 9.1 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#17

Allvl chloride

Concen: 19.996 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :

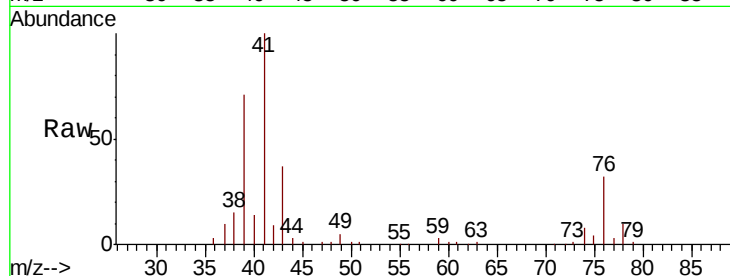
Tot Ion: 41 Resp: 161034

Ion Ratio Lower Upper

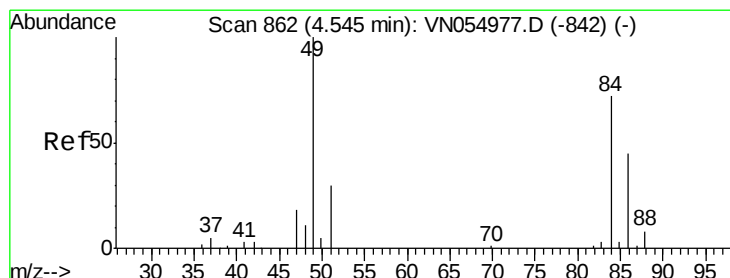
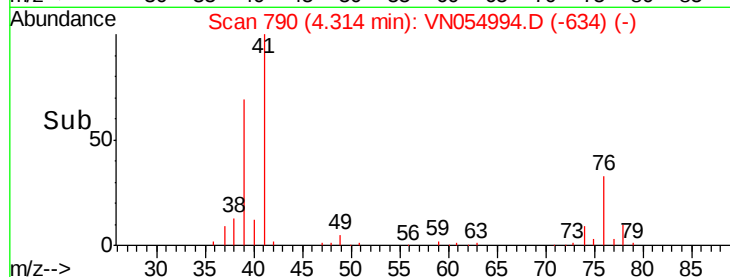
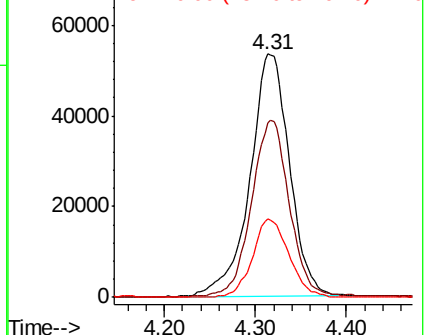
41 100

39 71.6 34.3 102.9

76 32.5 15.8 47.3



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 76.00 (75.70 to 76.70): VNO



#18

Methylene Chloride

Concen: 20.037 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Tgt Ion: 84 Resp: 96857

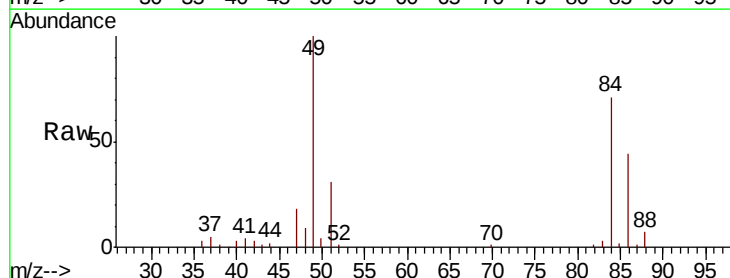
Ion Ratio Lower Upper

84 100

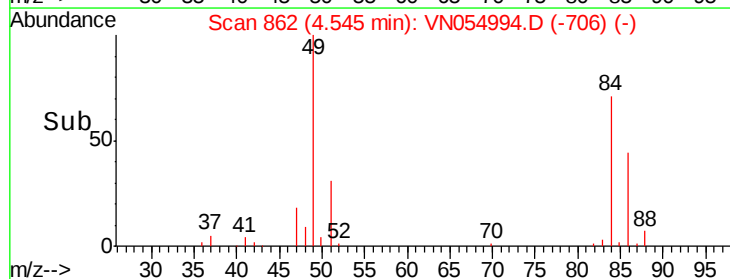
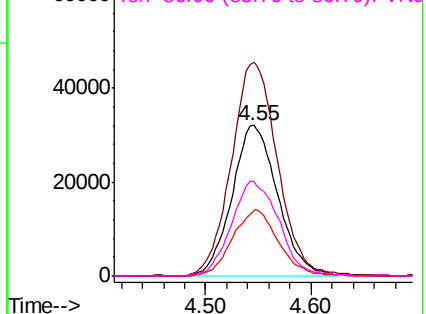
49 140.9 111.0 166.4

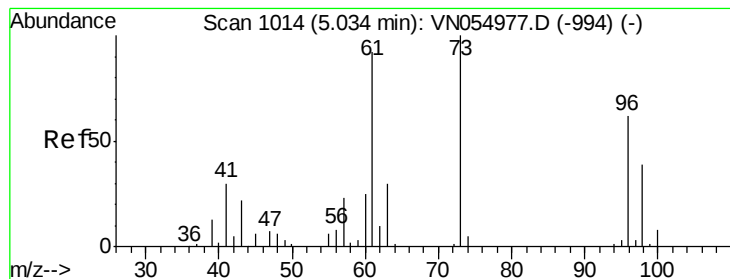
51 43.4 33.4 50.2

86 61.9 49.5 74.3



Abundance Ion 84.00 (83.70 to 84.70): VNO
Ion 49.00 (48.70 to 49.70): VNO
Ion 51.00 (50.70 to 51.70): VNO
Ion 86.00 (85.70 to 86.70): VNO





#19

trans-1,2-Dichloroethene

Concen: 19.990 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :
MSVOA_N
ClientSampled :

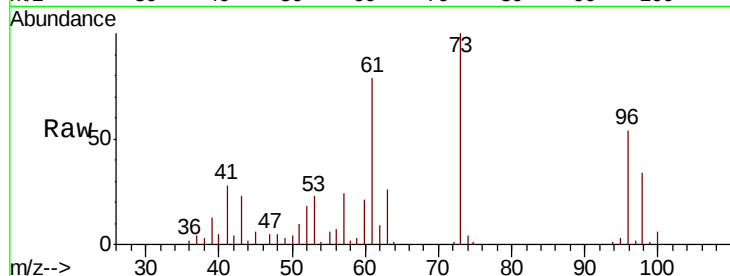
Tot Ion: 96 Resp: 85098

Ion Ratio Lower Upper

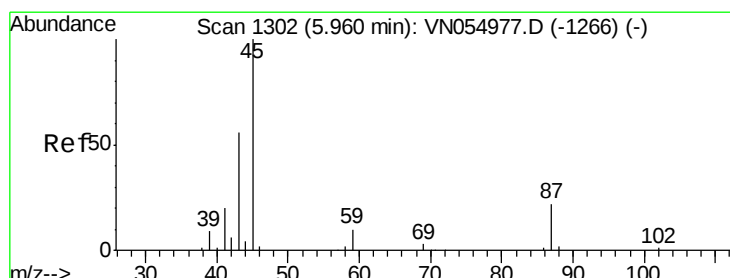
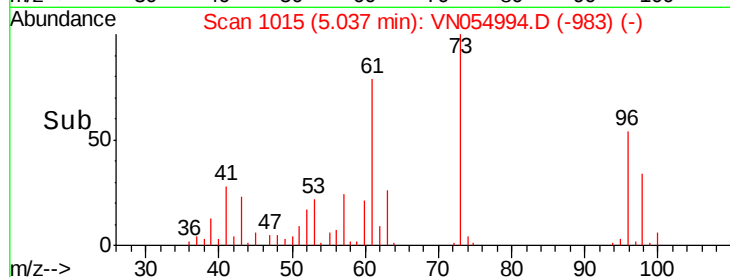
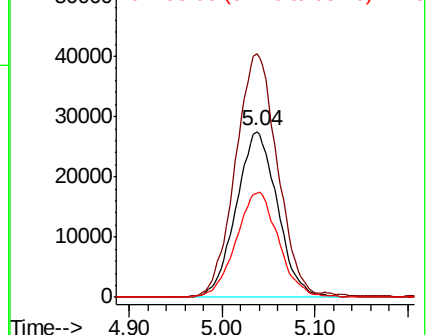
96 100

61 146.2 117.2 175.8

98 63.1 49.4 74.2



Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0



#20

Diisopropyl ether

Concen: 20.392 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Tgt Ion: 45 Resp: 332694

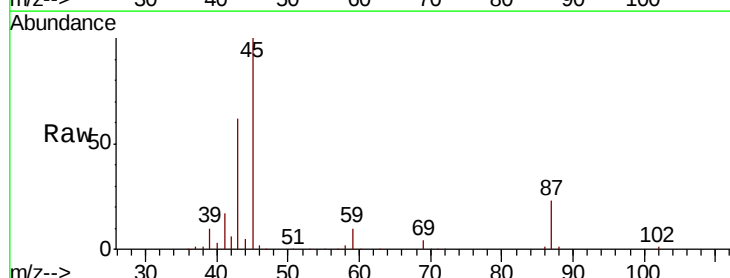
Ion Ratio Lower Upper

45 100

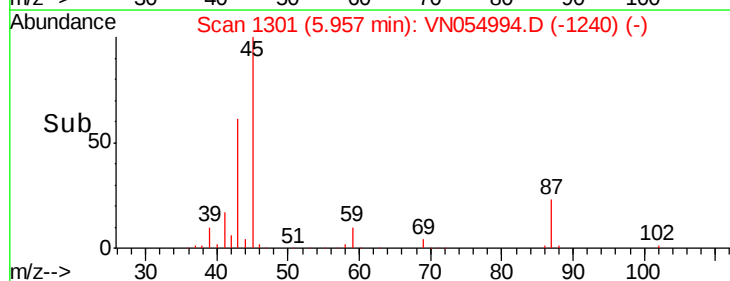
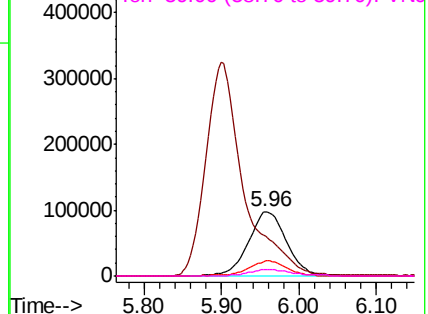
43 59.4 45.8 68.8

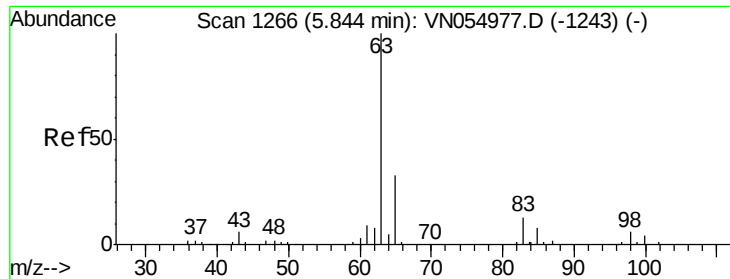
87 23.1 18.2 27.4

59 9.5 8.2 12.2



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

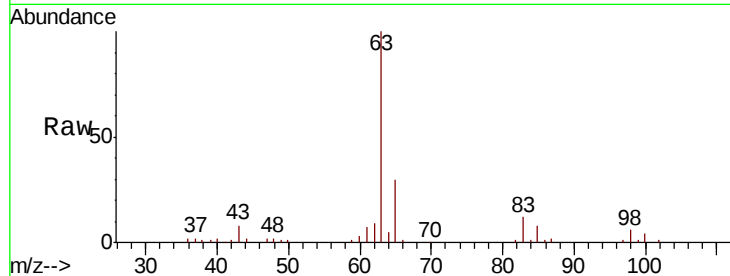




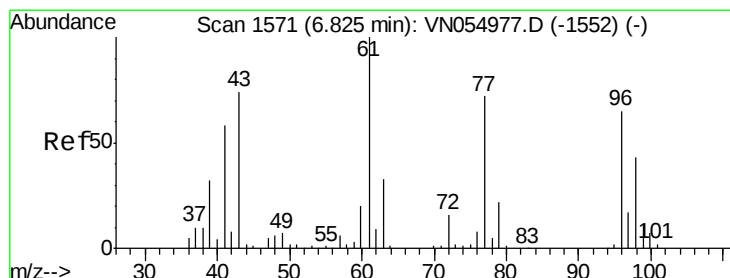
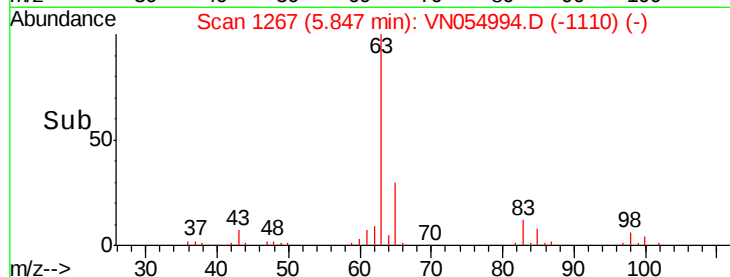
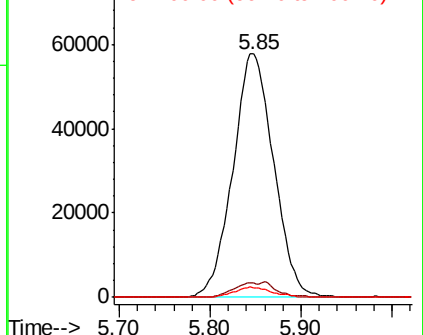
#21
 1,1-Dichloroethane
 Concen: 20.663 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 180060
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.7
 100 4.1 2.0 5.8

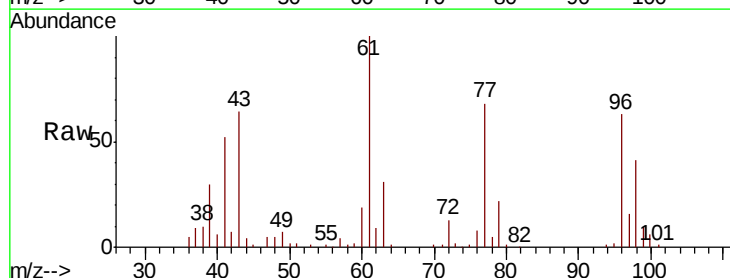


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

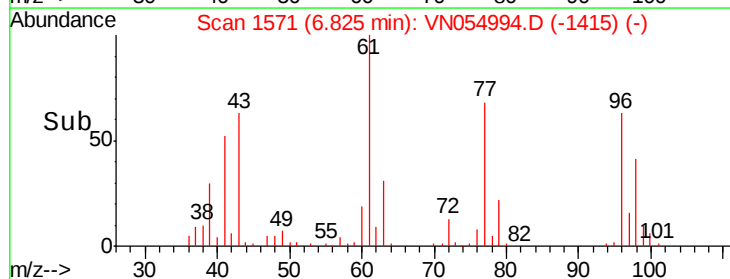
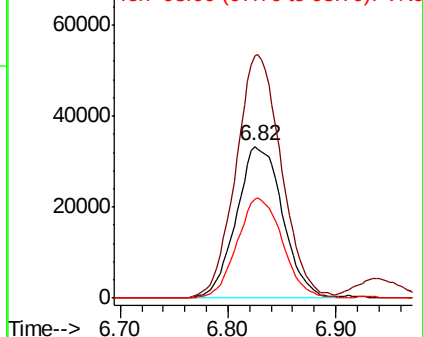


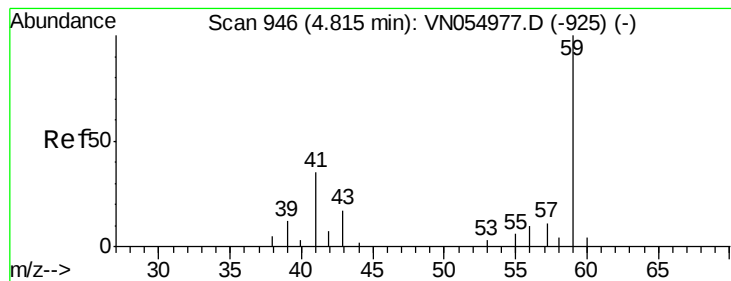
#22
 cis-1,2-Dichloroethene
 Concen: 20.095 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Tgt Ion: 96 Resp: 99434
 Ion Ratio Lower Upper
 96 100
 61 157.6 125.0 187.6
 98 64.4 52.2 78.2



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0



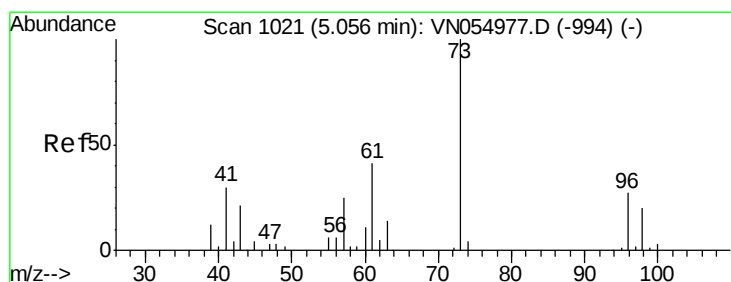
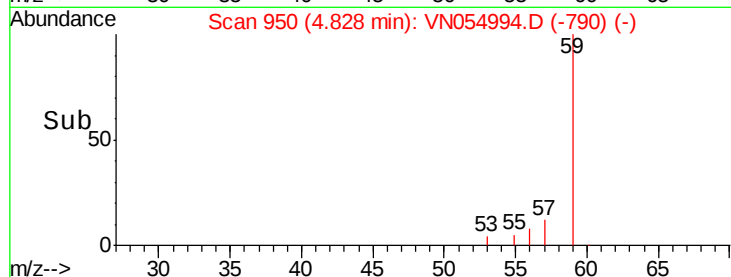
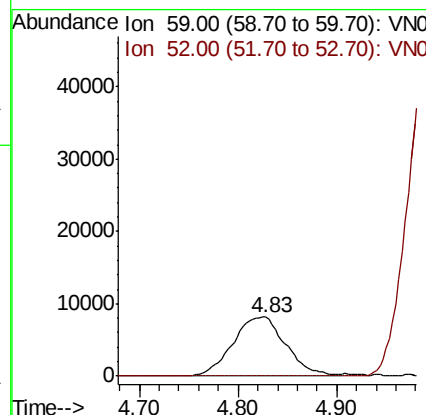
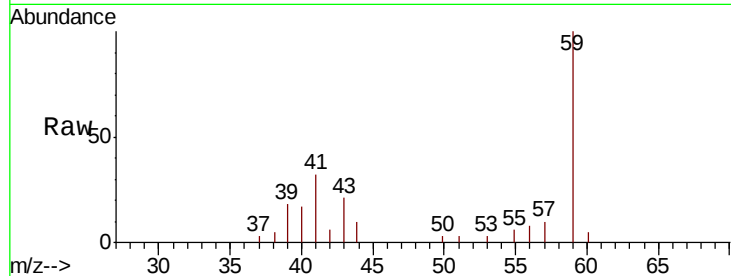


#23

tert-Butyl Alcohol
 Concen: 116.501 ug/l
 RT: 4.83 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :

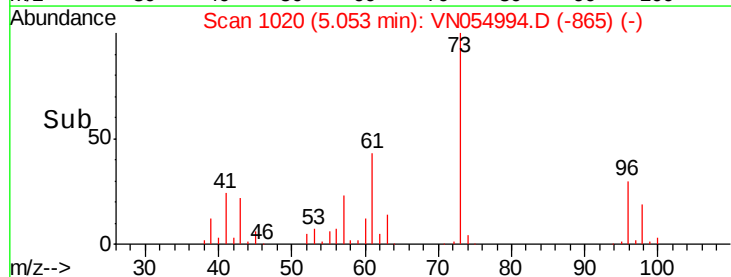
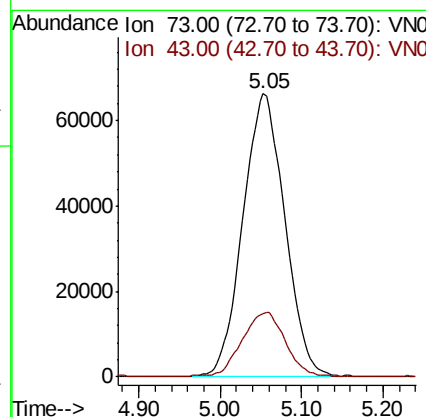
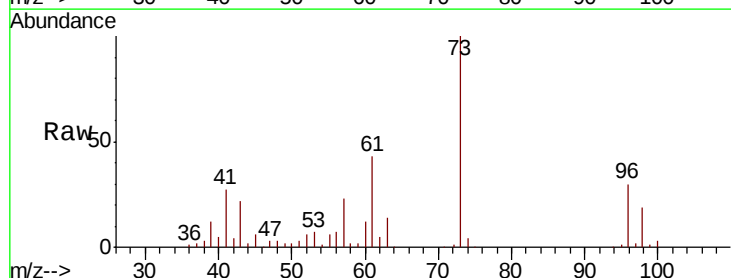
Tot Ion: 59 Resp: 30613
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

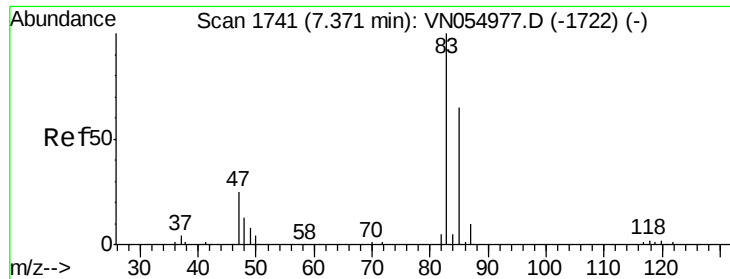


#24

Methyl tert-Butyl Ether
 Concen: 21.502 ug/l
 RT: 5.05 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Tgt Ion: 73 Resp: 236107
 Ion Ratio Lower Upper
 73 100
 43 23.6 8.0 12.0#

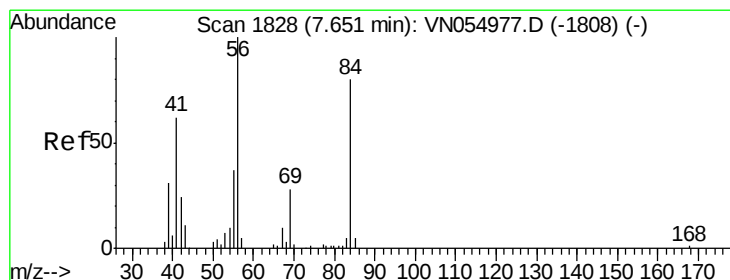
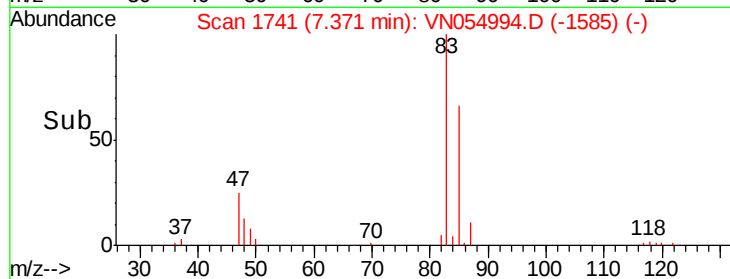
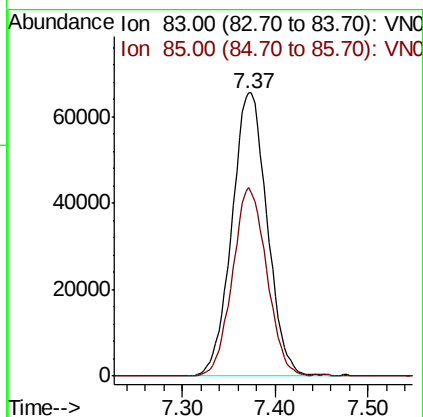
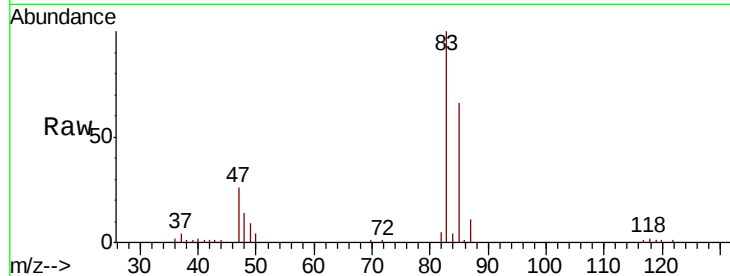




#25
Chloroform
Concen: 20.752 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

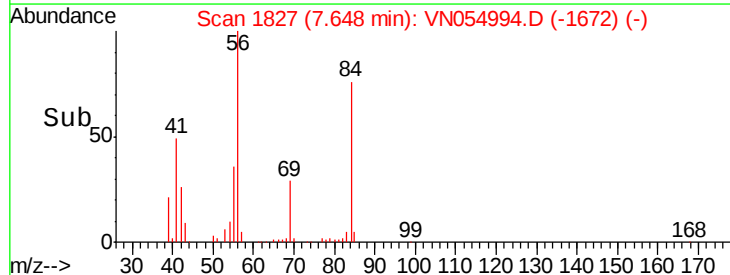
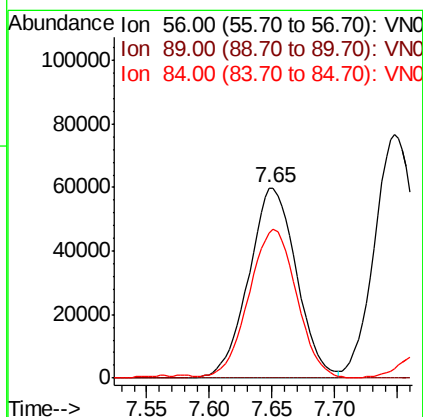
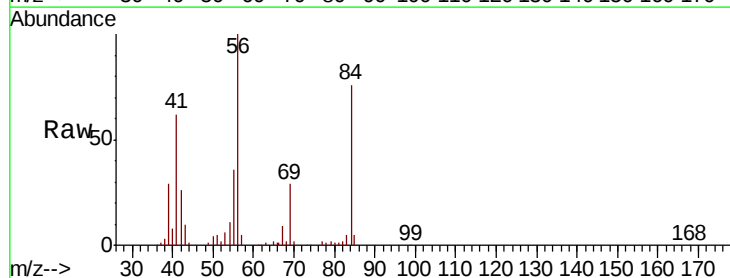
Instrument :
MSVOA_N
ClientSampleId :

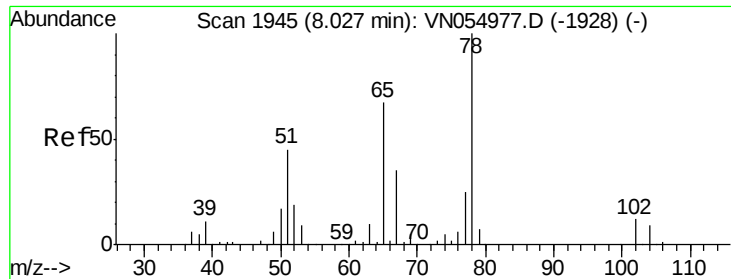
Tot Ion: 83 Resp: 173221
Ion Ratio Lower Upper
83 100
85 66.5 51.8 77.8



#26
Cyclohexane
Concen: 19.631 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion: 56 Resp: 158722
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 78.5 63.5 95.3

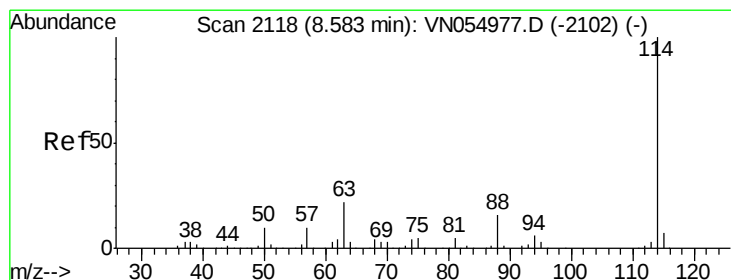
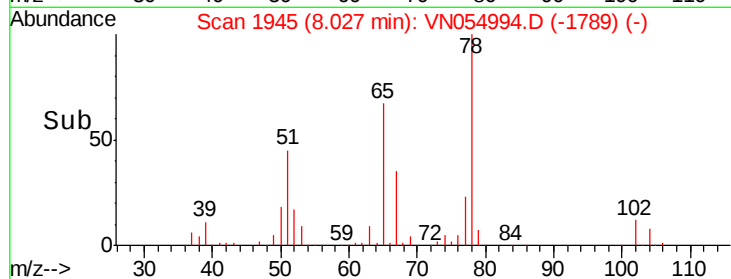
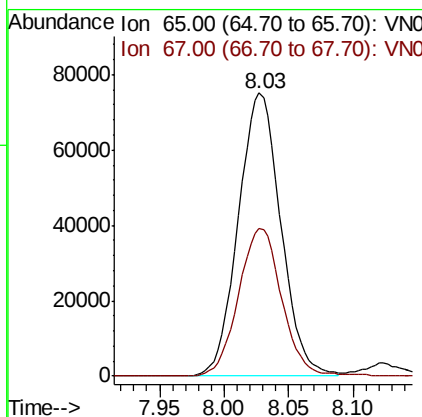
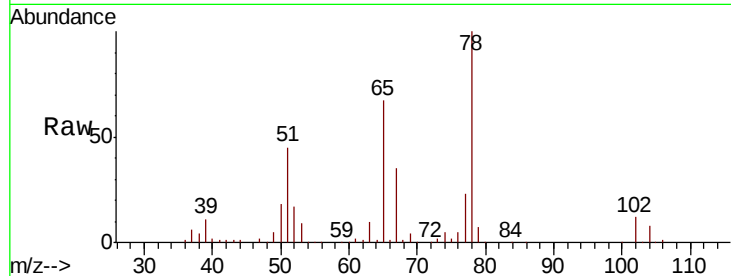




#27
 1,2-Dichloroethane-d4
 Concen: 19.631 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

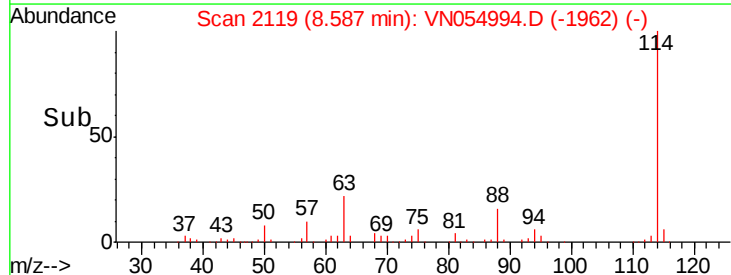
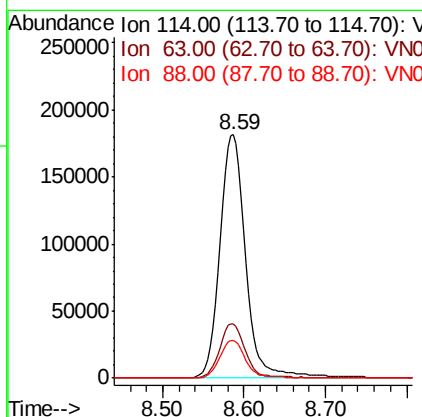
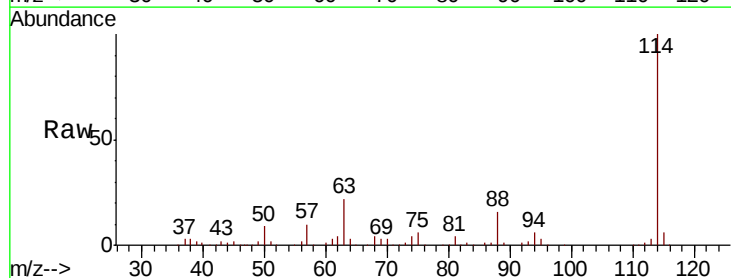
Instrument :
 MSVOA_N
 ClientSampled :

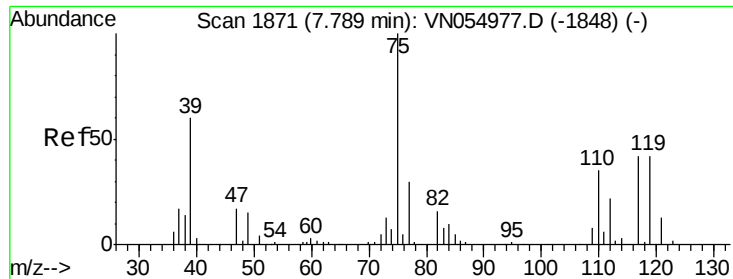
Tot Ion: 65 Resp: 172588
 Ion Ratio Lower Upper
 65 100
 67 52.8 41.8 62.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Tgt Ion: 114 Resp: 406526
 Ion Ratio Lower Upper
 114 100
 63 22.1 17.0 25.4
 88 15.2 12.3 18.5

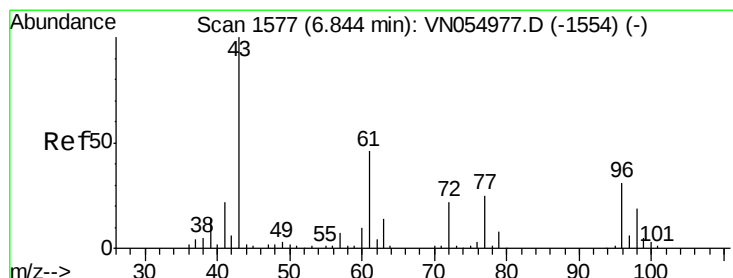
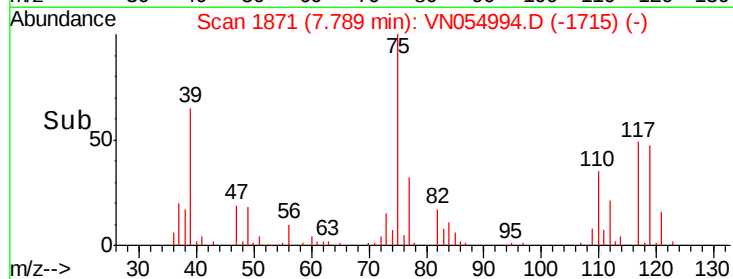
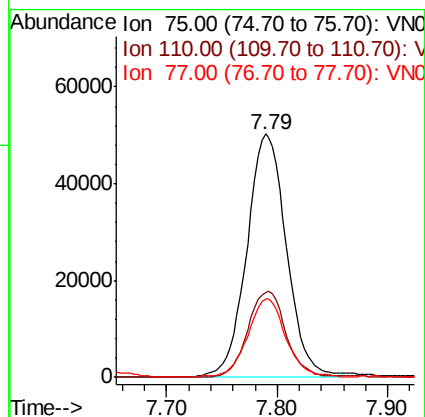
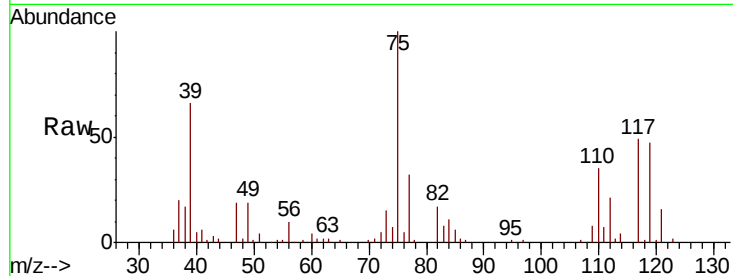




#29
 1,1-Dichloropropene
 Concen: 19.781 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

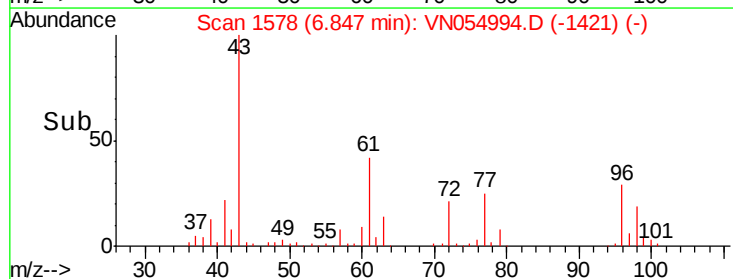
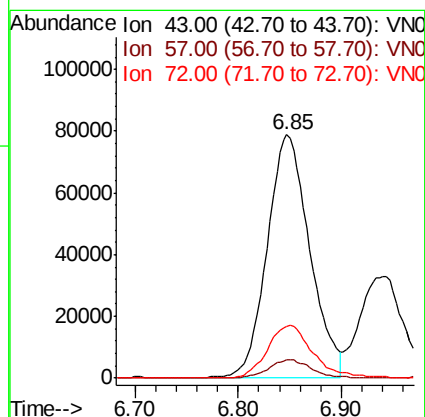
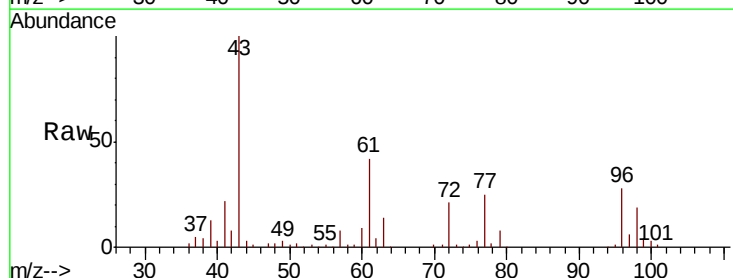
Instrument :
 MSVOA_N
 ClientSampleId :

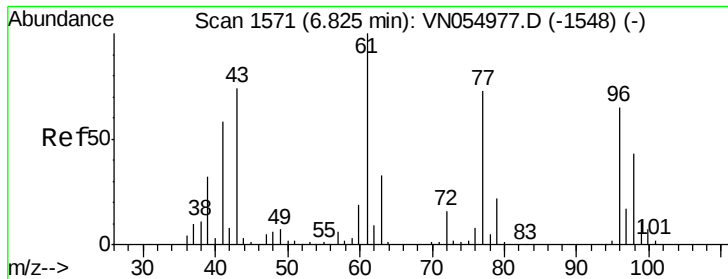
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.0	0.0	68.4
77	31.2	0.0	58.6



#30
 2-Butanone
 Concen: 106.696 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.5	6.0	9.0
72	23.3	18.6	27.8

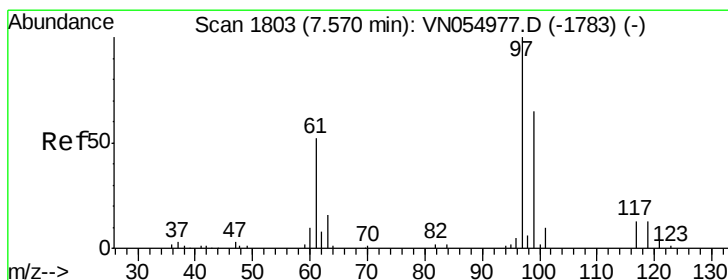
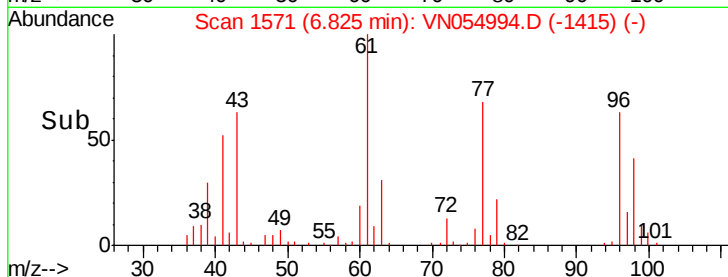
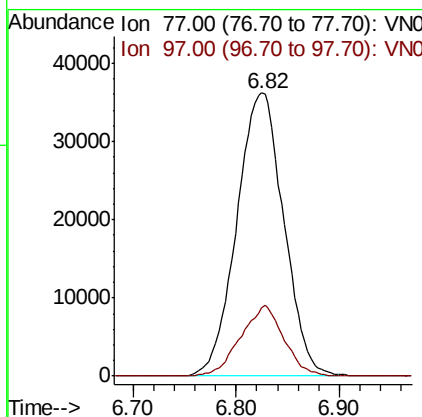
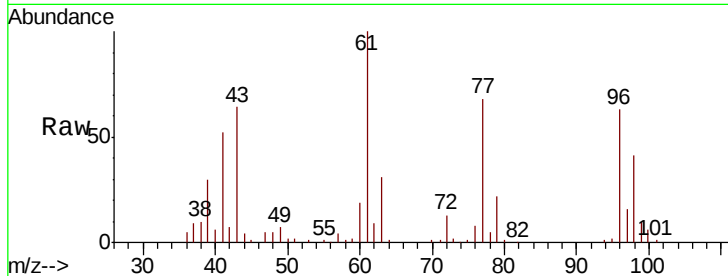




#31
 2,2-Dichloropropane
 Concen: 19.645 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

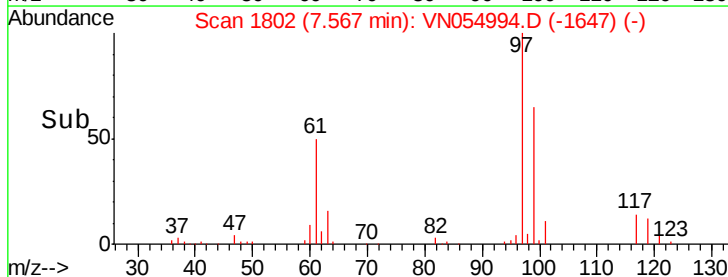
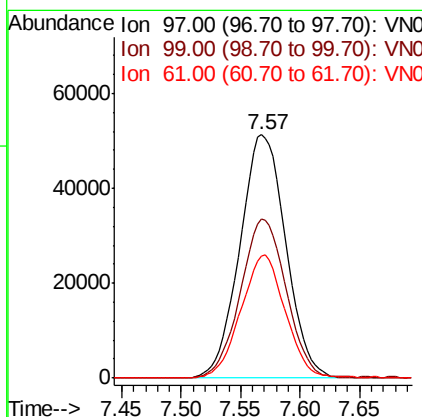
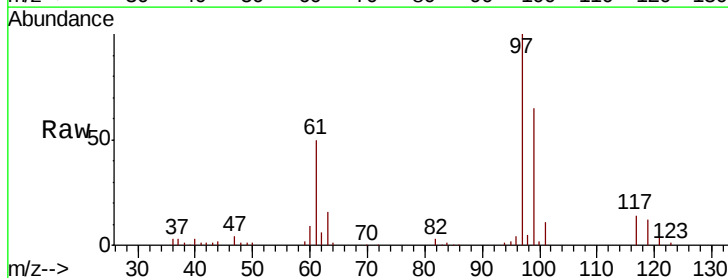
Instrument :
 MSVOA_N
 ClientSampleId :

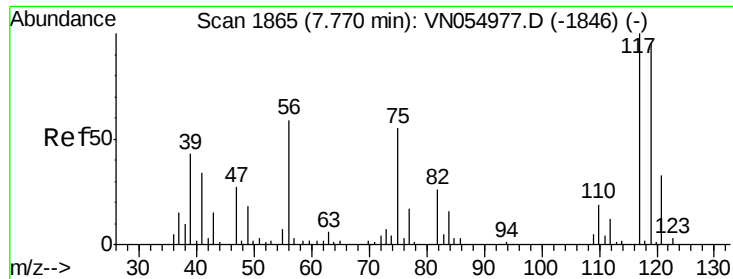
Tot Ion: 77 Resp: 114472
 Ion Ratio Lower Upper
 77 100
 97 23.0 0.0 0.0#



#32
 1,1,1-Trichloroethane
 Concen: 20.535 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Tgt Ion: 97 Resp: 137416
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.2 76.8
 61 48.9 40.6 60.8

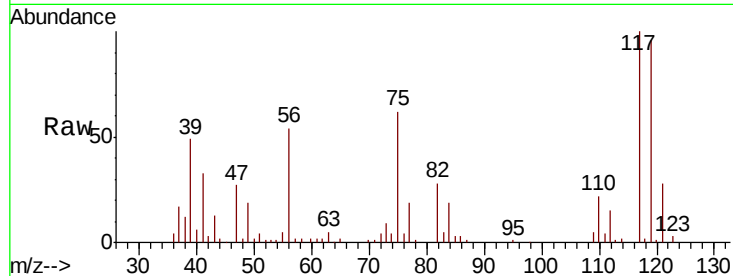




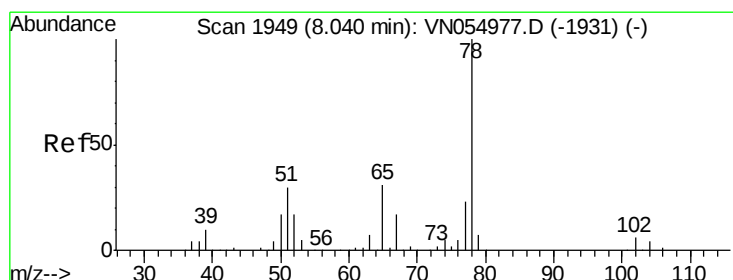
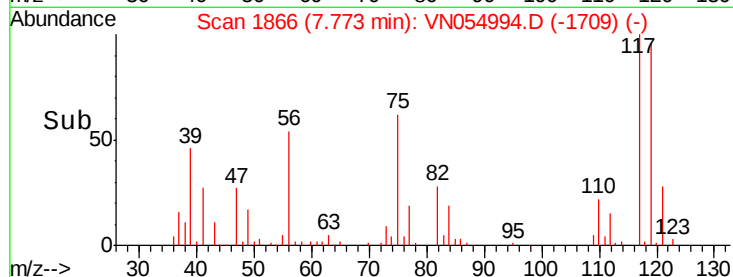
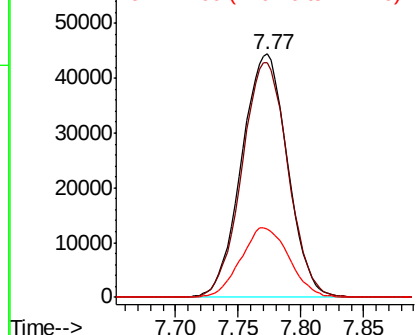
#33
Carbon Tetrachloride
Concen: 19.516 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 113071
Ion Ratio Lower Upper
117 100
119 96.4 76.1 114.1
121 27.9 26.2 39.4

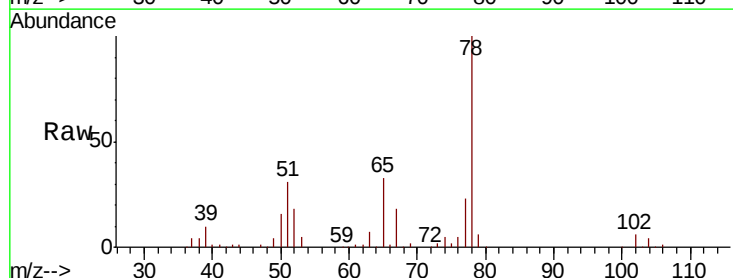


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

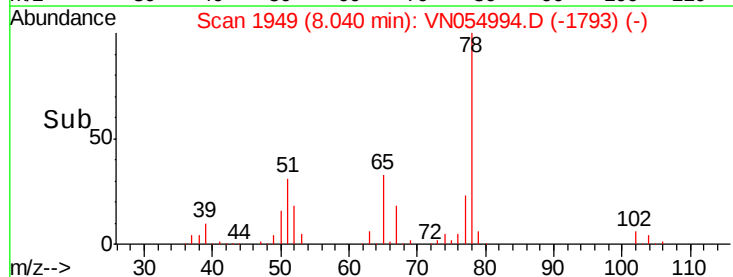
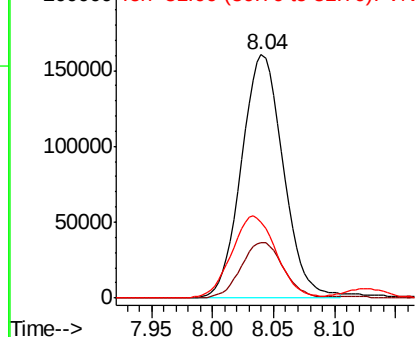


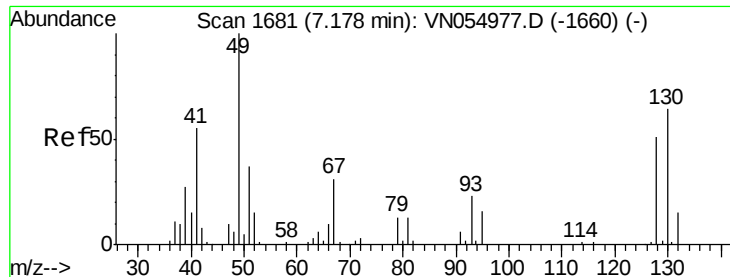
#34
Benzene
Concen: 20.320 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion: 78 Resp: 381236
Ion Ratio Lower Upper
78 100
77 22.8 18.2 27.4
51 30.7 23.7 35.5



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

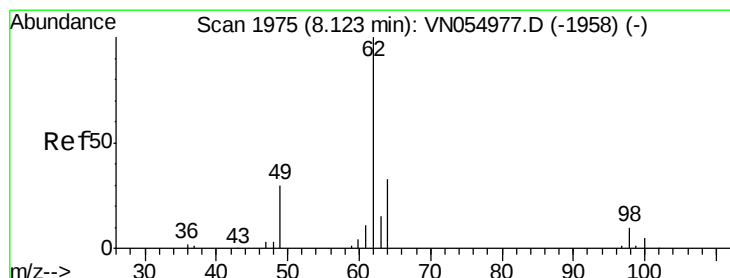
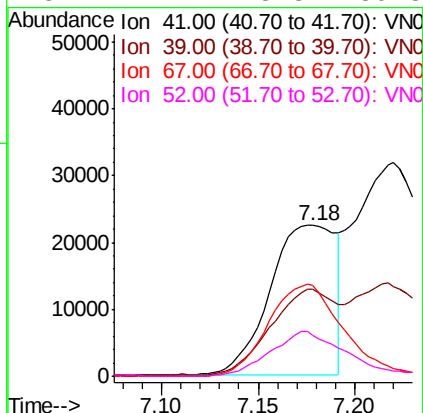
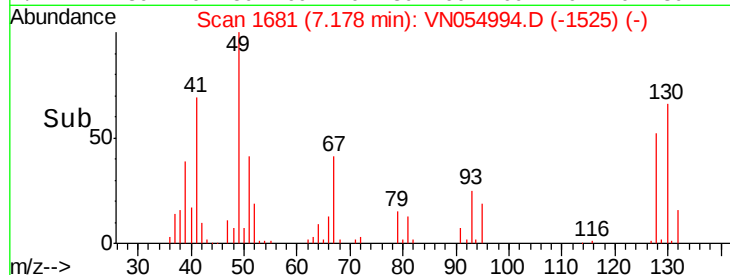
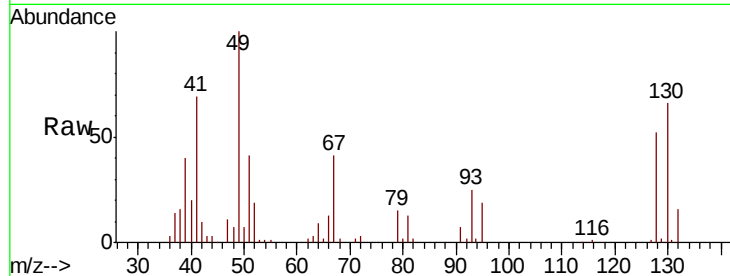




#35
Methacrylonitrile
Concen: 21.390 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

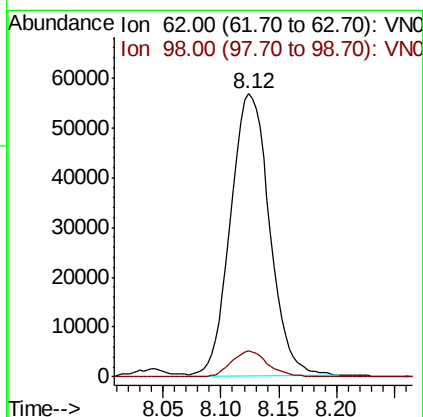
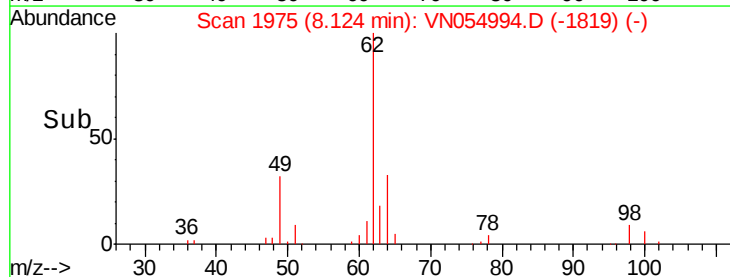
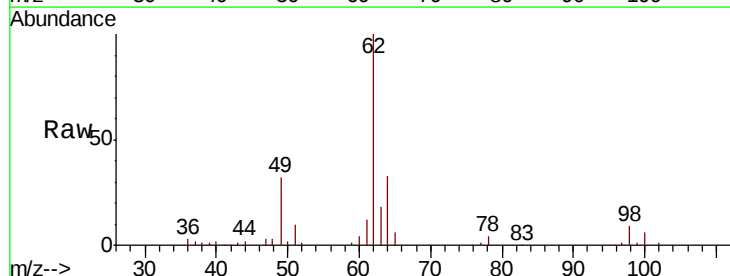
Instrument :
MSVOA_N
ClientSampled :

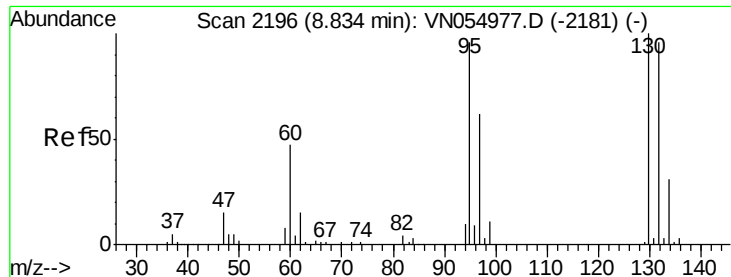
Tot Ion: 41 Resp: 52984
Ion Ratio Lower Upper
41 100
39 57.0 24.2 72.6
67 60.7 28.1 84.2
52 27.4 13.3 39.8



#36
1,2-Dichloroethane
Concen: 20.566 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion: 62 Resp: 131873
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3

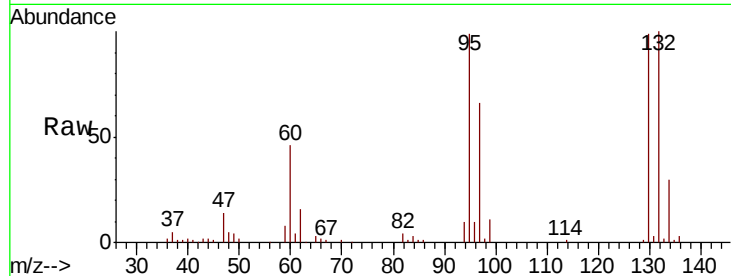




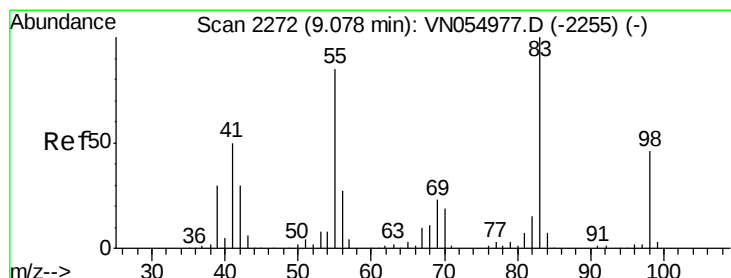
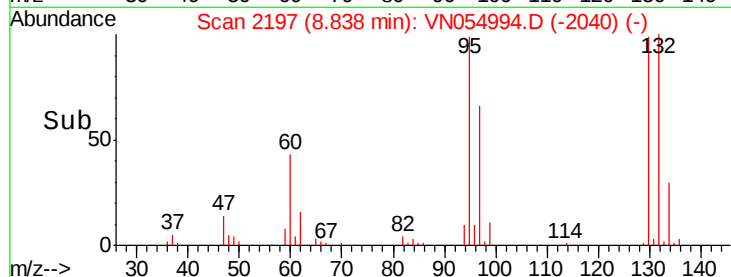
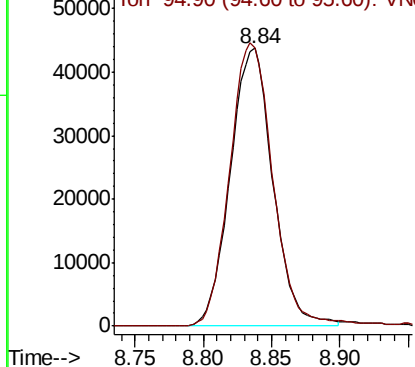
#37
 Trichloroethene
 Concen: 19.879 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:130 Resp: 95082
 Ion Ratio Lower Upper
 130 100
 95 100.0 76.6 115.0

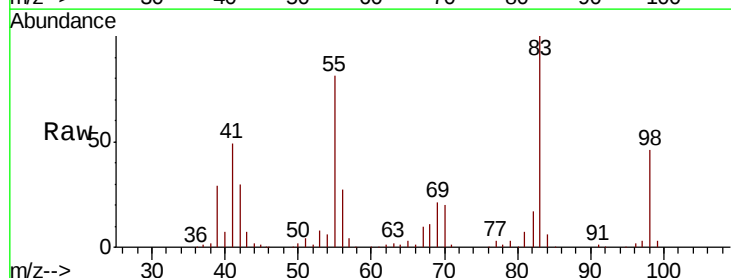


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

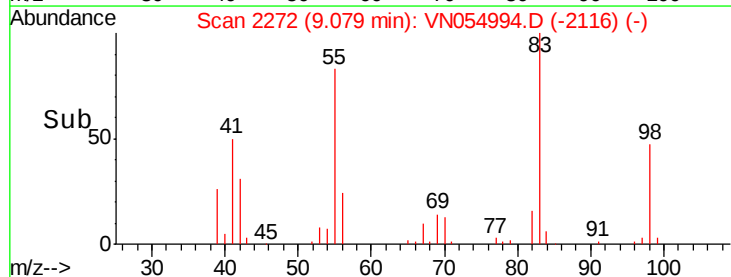
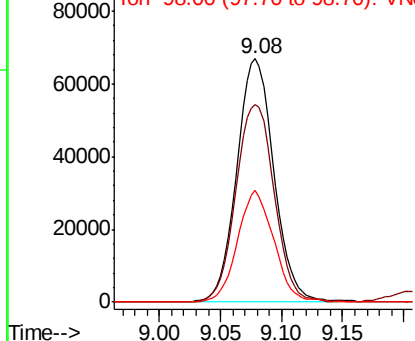


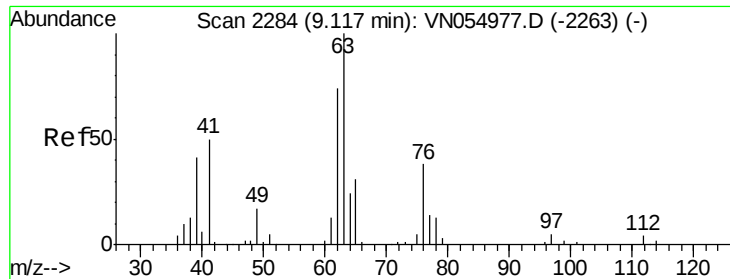
#38
 Methylcyclohexane
 Concen: 19.191 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Tgt Ion: 83 Resp: 140899
 Ion Ratio Lower Upper
 83 100
 55 84.0 41.9 125.6
 98 44.7 22.4 67.0



Abundance Ion 83.00 (82.70 to 83.70): VNO
 Ion 55.00 (54.70 to 55.70): VNO
 Ion 98.00 (97.70 to 98.70): VNO

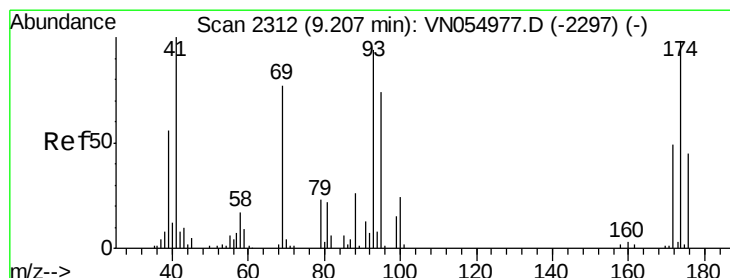
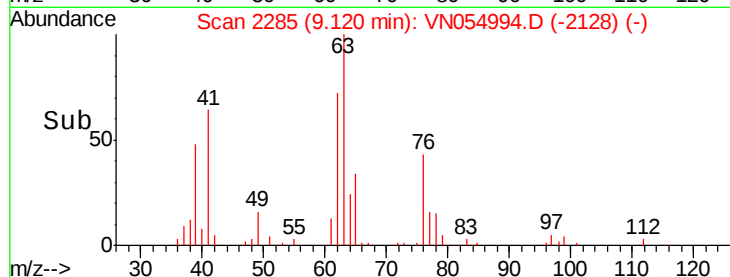
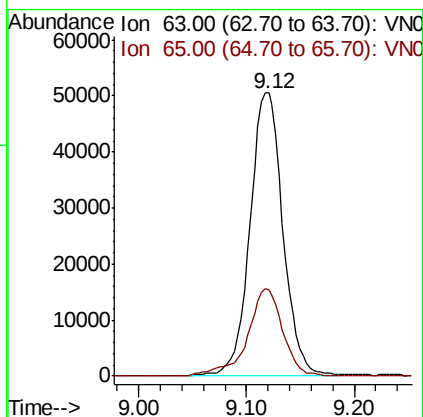
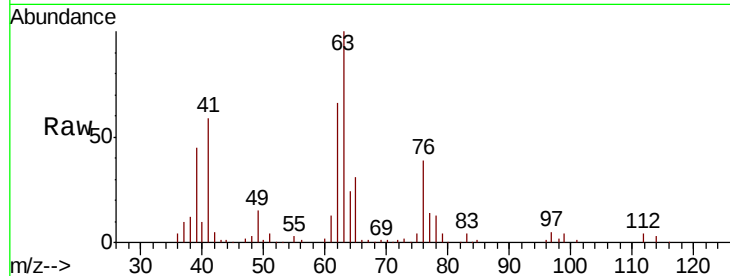




#39
 1,2-Dichloropropane
 Concen: 20.715 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

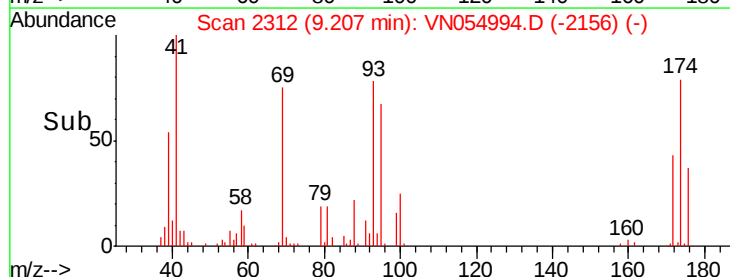
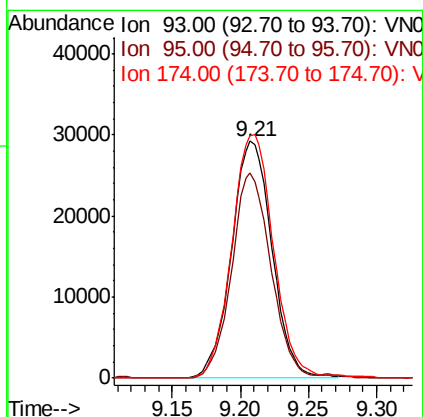
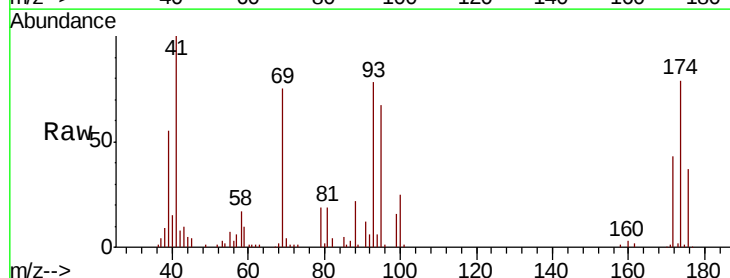
Instrument :
 MSVOA_N
 ClientSampled :

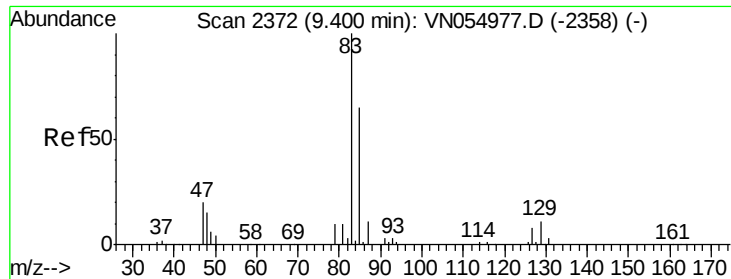
Tot Ion: 63 Resp: 107318
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.8 37.2



#40
 Dibromomethane
 Concen: 20.631 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Tgt Ion: 93 Resp: 60413
 Ion Ratio Lower Upper
 93 100
 95 83.5 0.0 160.8
 174 105.8 0.0 206.4





#41

Bromodichloromethane

Concen: 20.062 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :

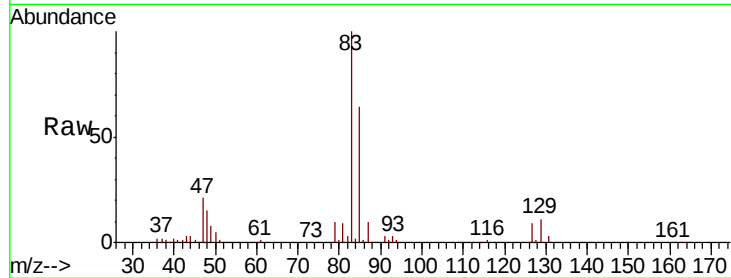
Tot Ion: 83 Resp: 121245

Ion Ratio Lower Upper

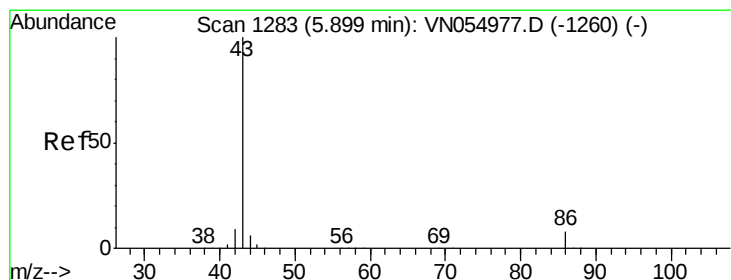
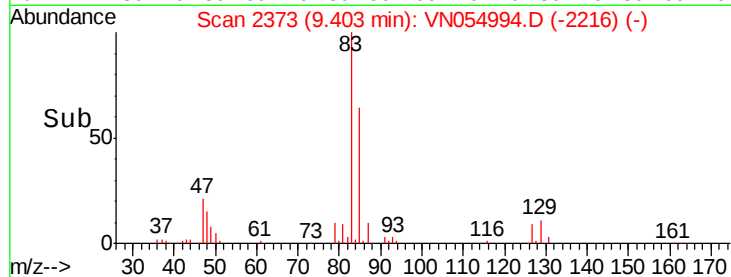
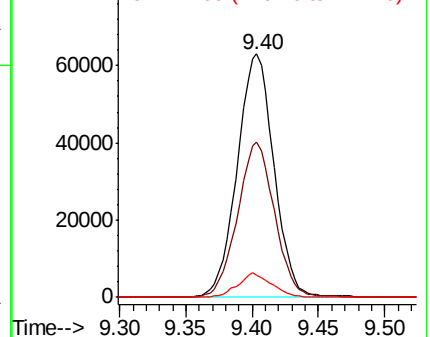
83 100

85 63.6 52.0 78.0

127 9.8 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 85.00 (84.70 to 85.70): VN0
Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 104.786 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054994.D

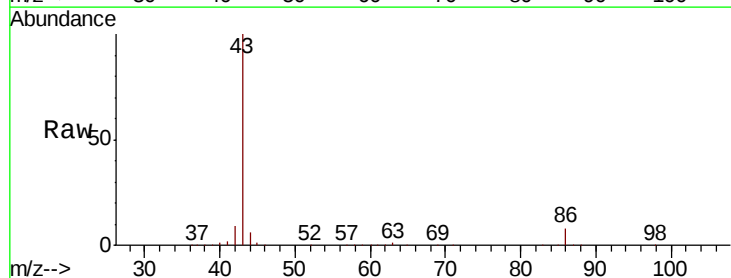
Acq: 12 Apr 2019 12:36

Tgt Ion: 43 Resp: 1113313

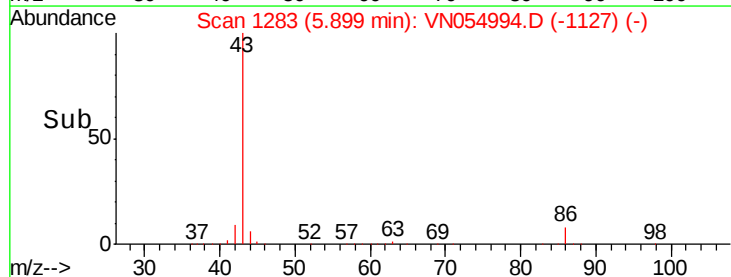
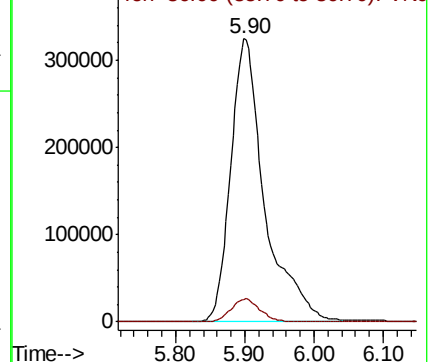
Ion Ratio Lower Upper

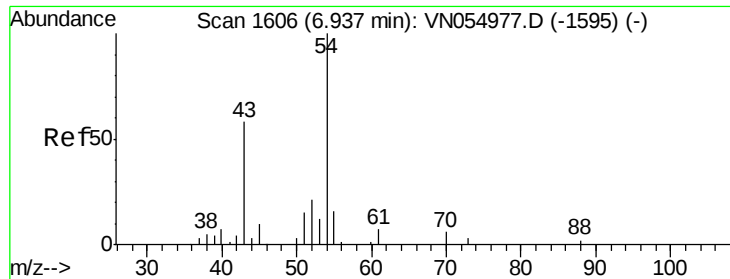
43 100

86 6.9 5.7 8.5



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0

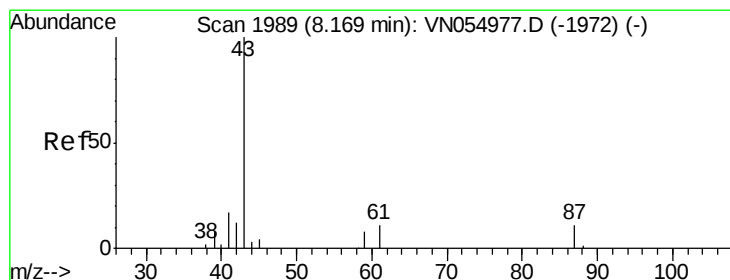
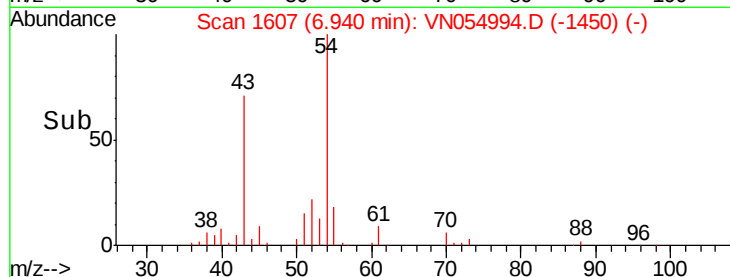
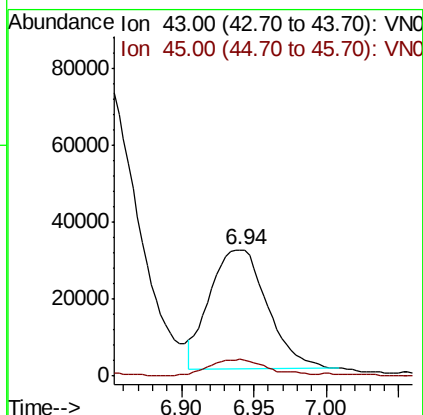
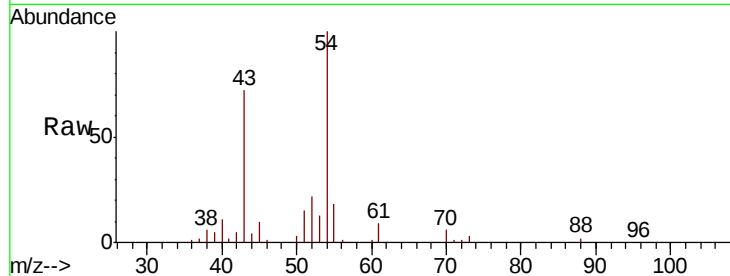




#43
Ethyl Acetate
Concen: 20.213 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

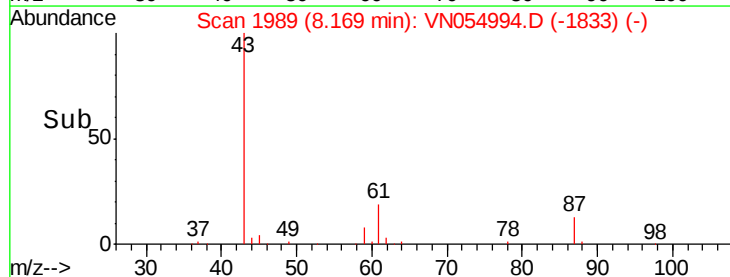
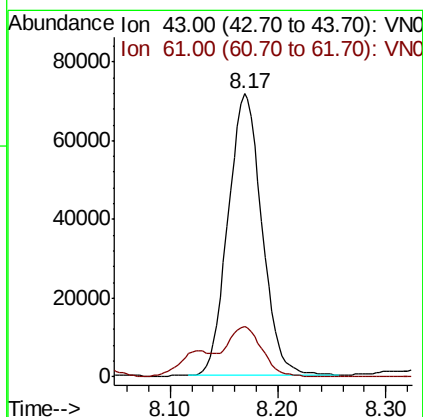
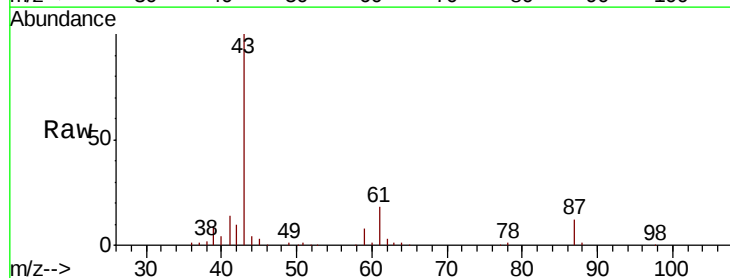
Instrument :
MSVOA_N
ClientSampled :

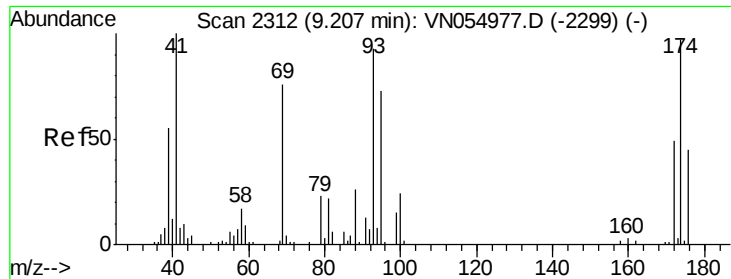
Tot Ion: 43 Resp: 86542
Ion Ratio Lower Upper
43 100
45 13.2 10.6 15.8



#44
Isopropyl Acetate
Concen: 21.657 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion: 43 Resp: 157136
Ion Ratio Lower Upper
43 100
61 17.7 14.8 22.2

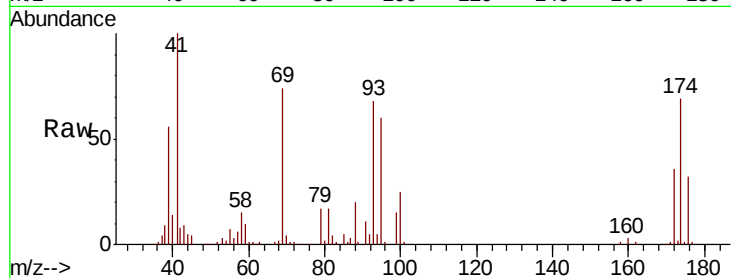




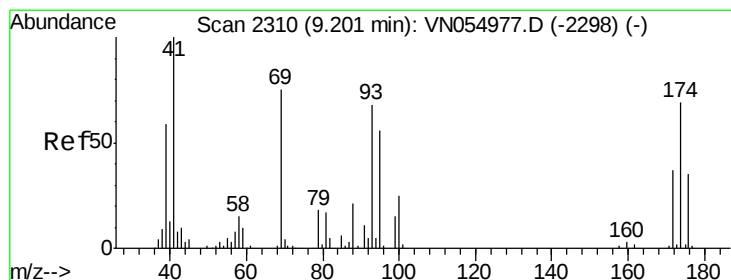
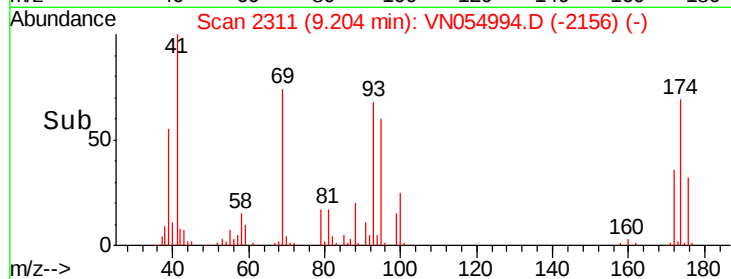
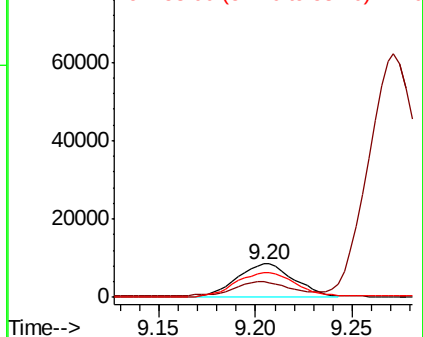
#45
1,4-Dioxane
Concen: 440.682 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 17714
Ion Ratio Lower Upper
88 100
43 40.7 34.5 51.7
58 80.5 60.3 90.5

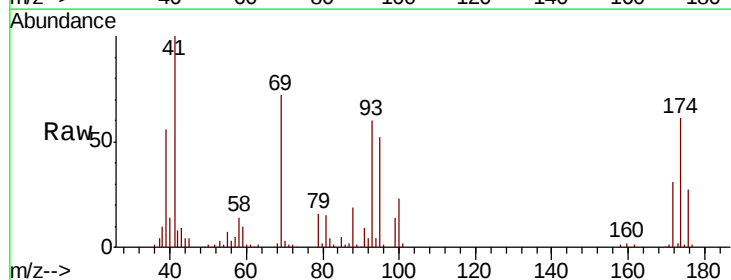


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

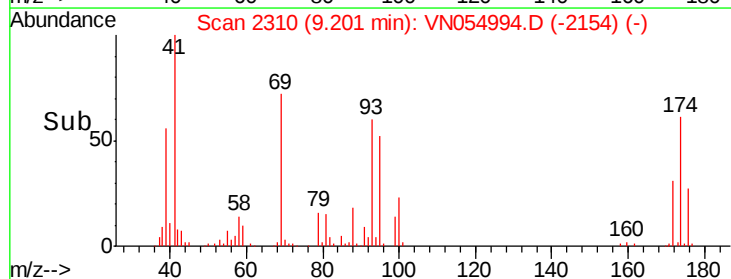
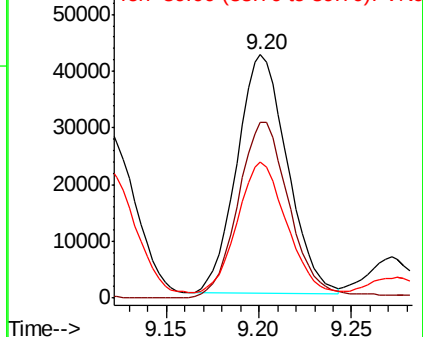


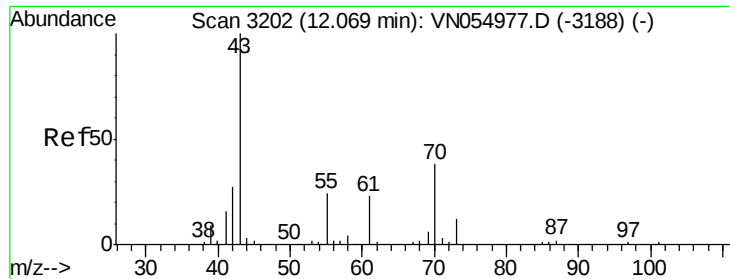
#46
Methyl methacrylate
Concen: 21.188 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion: 41 Resp: 79527
Ion Ratio Lower Upper
41 100
69 73.2 37.3 111.9
39 54.8 29.4 88.2



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

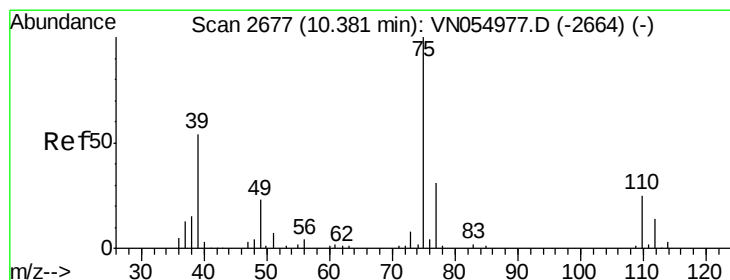
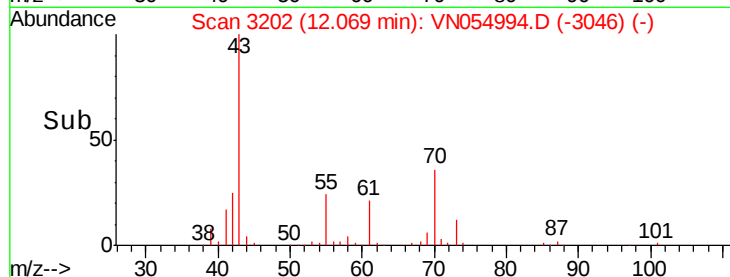
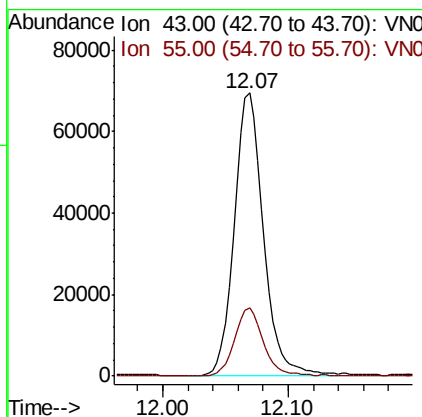
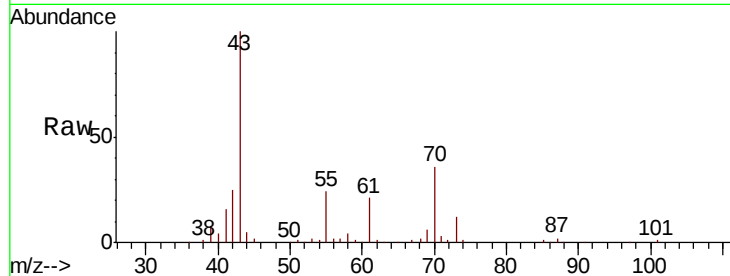




#47
n-amvl Acetate
Concen: 20.811 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

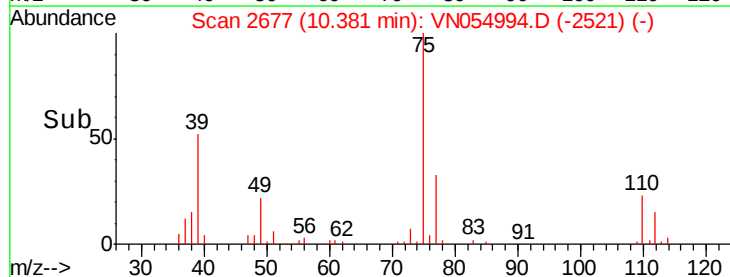
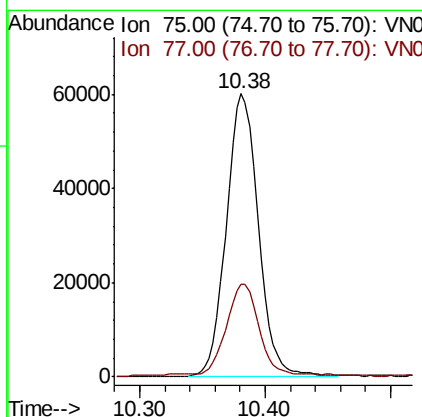
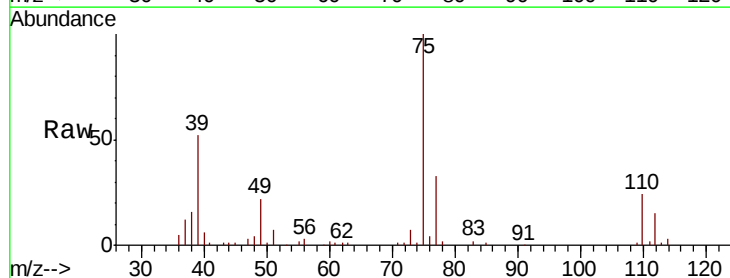
Instrument :
MSVOA_N
ClientSampleId :

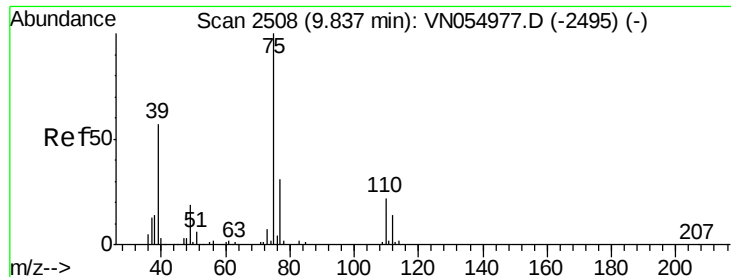
Tot Ion: 43 Resp: 111213
Ion Ratio Lower Upper
43 100
55 24.0 19.8 29.6



#48
t-1,3-Dichloropropene
Concen: 19.267 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion: 75 Resp: 106928
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0



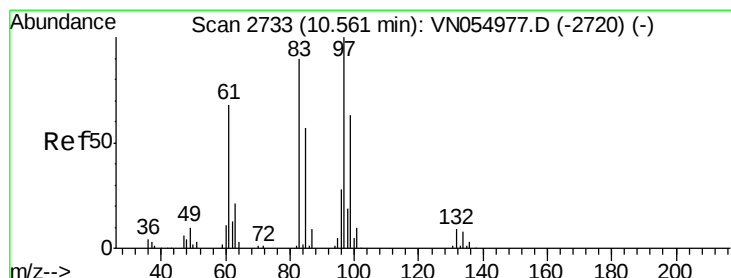
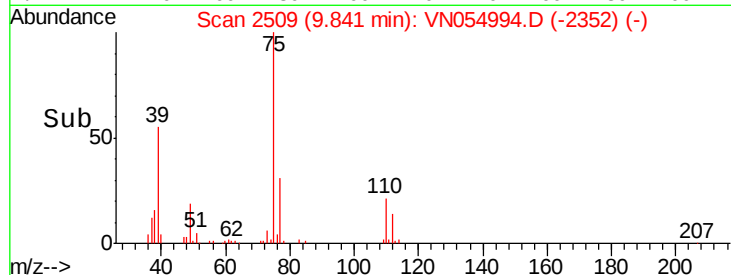
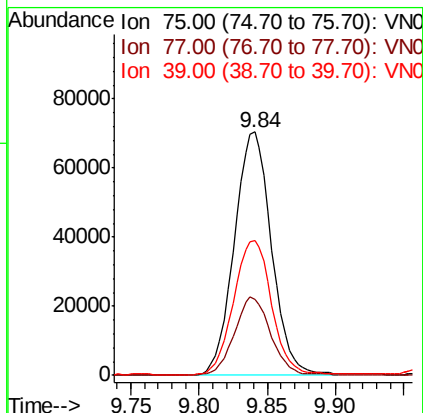
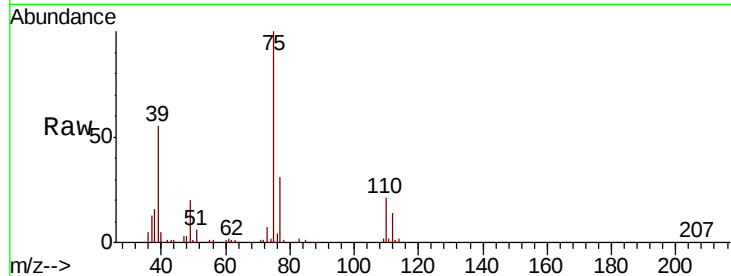


#49

cis-1,3-Dichloropropene
 Concen: 19.535 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :

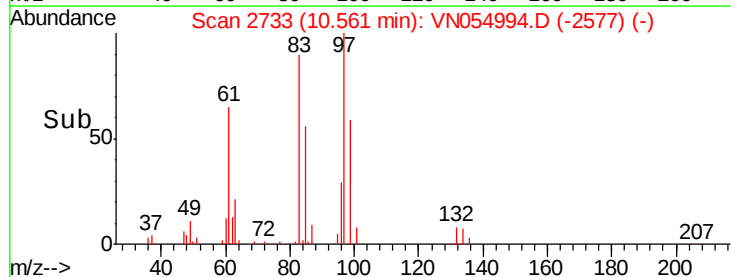
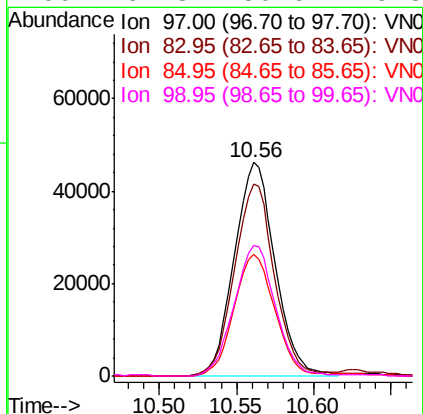
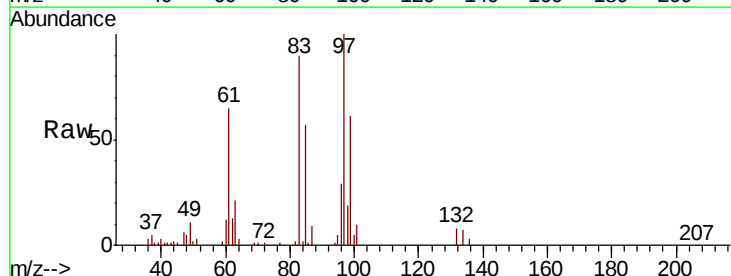
Tot Ion	75	Resp	133839
Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.7	37.1
39	55.1	45.3	67.9

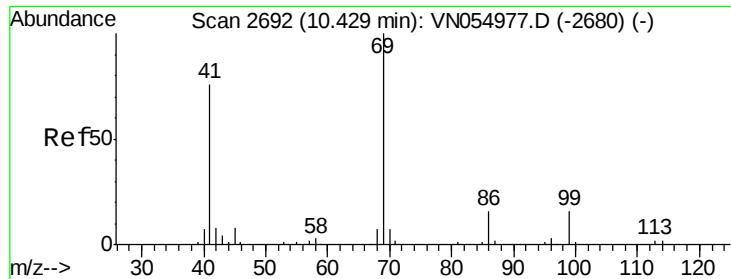


#50

1,1,2-Trichloroethane
 Concen: 21.258 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Tgt Ion	97	Resp	84547
Ion	Ratio	Lower	Upper
97	100		
83	89.8	72.1	108.1
85	56.8	45.4	68.0
99	61.3	50.6	75.8





#51

Ethyl methacrylate

Concen: 20.239 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :

MSVOA_N

ClientSampled :

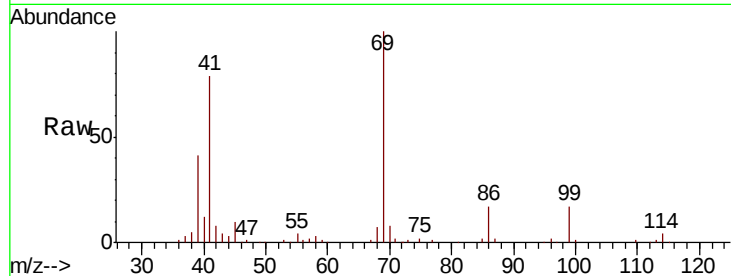
Tot Ion: 69 Resp: 95955

Ion Ratio Lower Upper

69 100

41 78.4 37.9 113.7

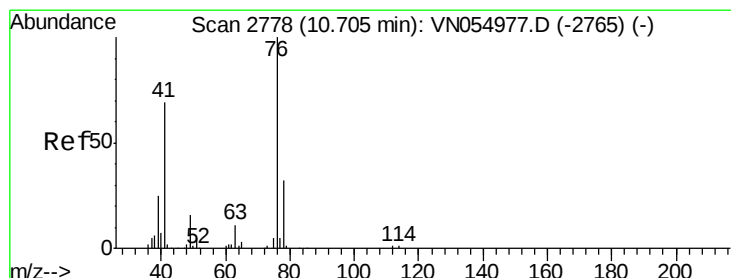
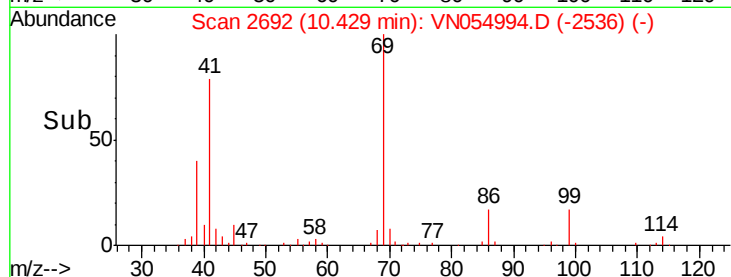
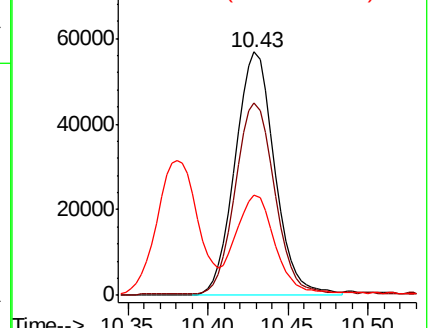
39 39.9 19.8 59.4



Abundance Ion 69.00 (68.70 to 69.70): VN054977.D (-2680) (-)

Ion 41.00 (40.70 to 41.70): VN054977.D (-2680) (-)

Ion 39.00 (38.70 to 39.70): VN054977.D (-2680) (-)



#52

1,3-Dichloropropane

Concen: 21.036 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN054994.D

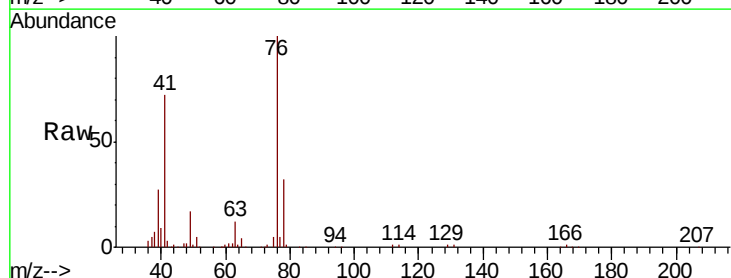
Acq: 12 Apr 2019 12:36

Tgt Ion: 76 Resp: 146603

Ion Ratio Lower Upper

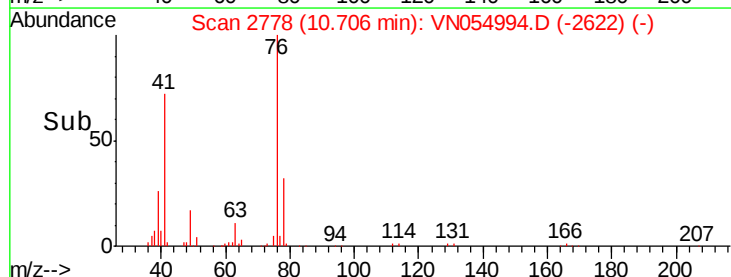
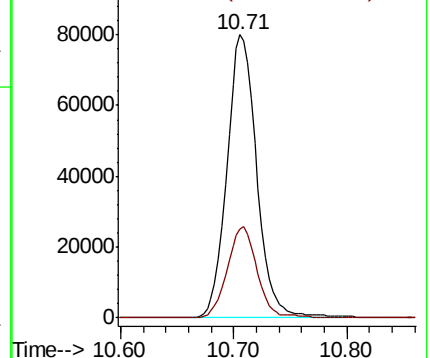
76 100

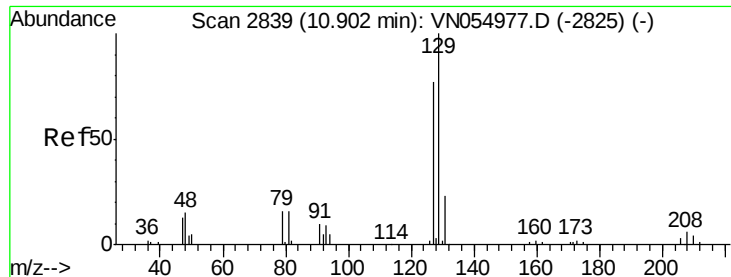
78 32.0 0.0 64.4



Abundance Ion 76.00 (75.70 to 76.70): VN054977.D (-2765) (-)

Ion 78.00 (77.70 to 78.70): VN054977.D (-2765) (-)





#53

Dibromochloromethane

Concen: 19.882 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :

MSVOA_N

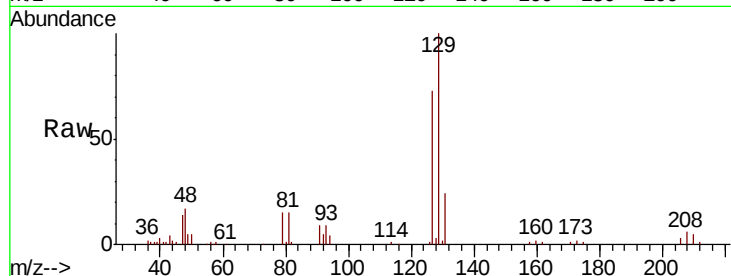
ClientSampled :

Tot Ion:129 Resp: 81454

Ion Ratio Lower Upper

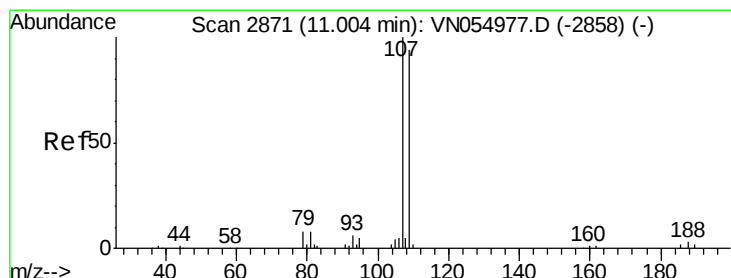
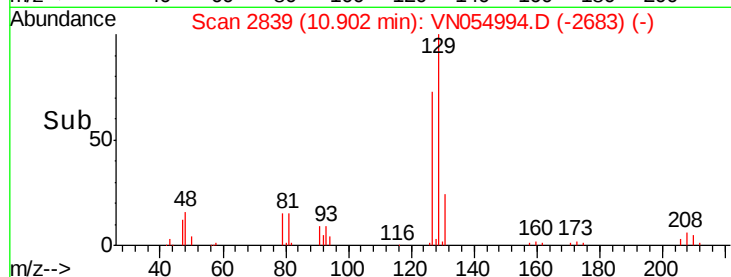
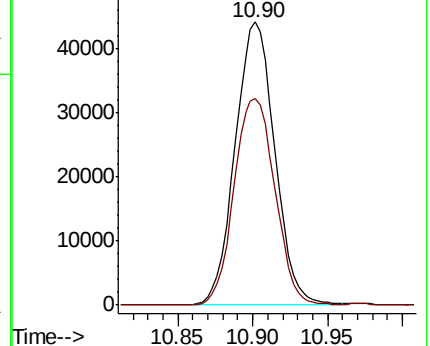
129 100

127 75.2 37.8 113.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.994 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN054994.D

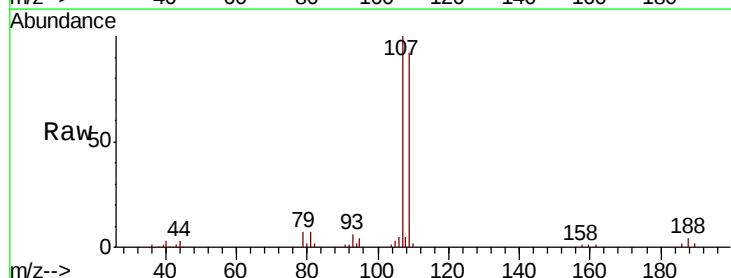
Acq: 12 Apr 2019 12:36

Tgt Ion:107 Resp: 78389

Ion Ratio Lower Upper

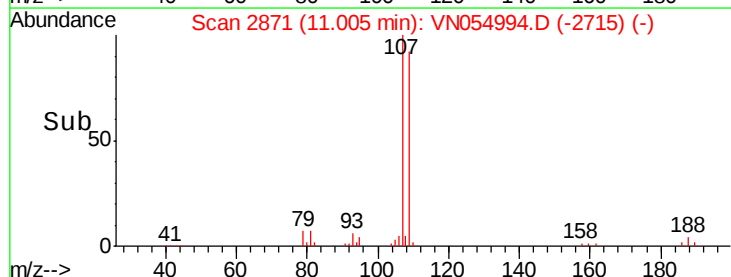
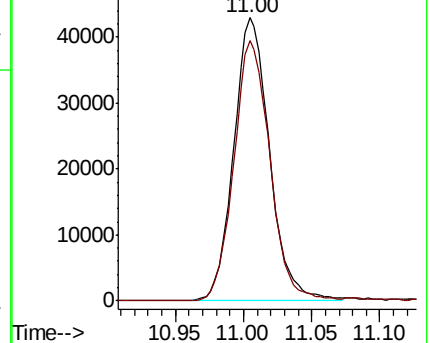
107 100

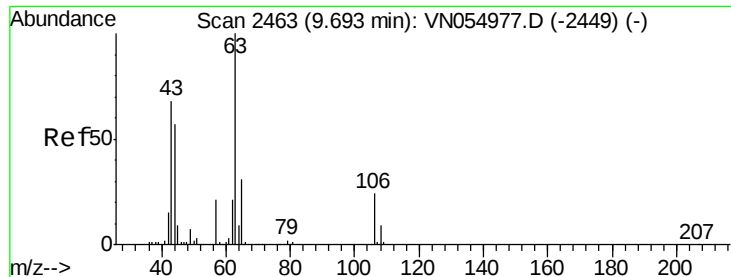
109 92.3 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

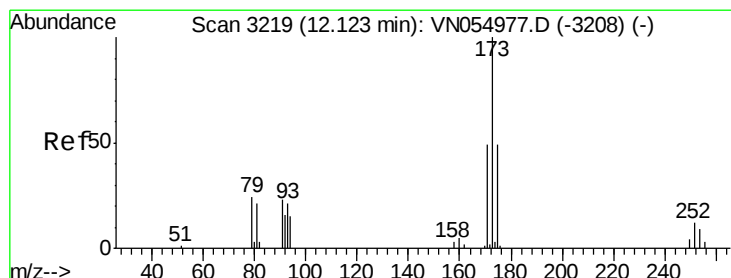
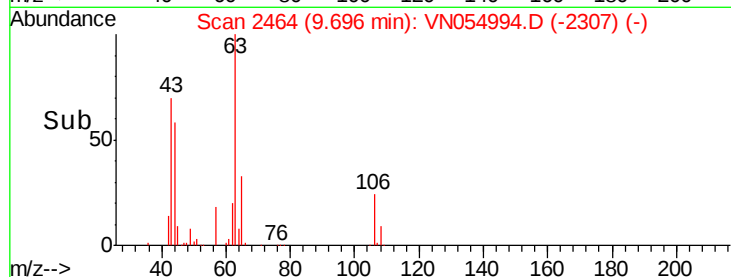
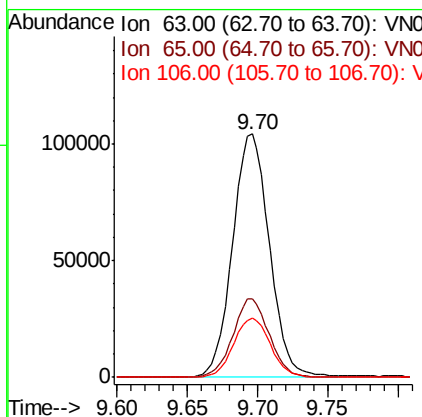
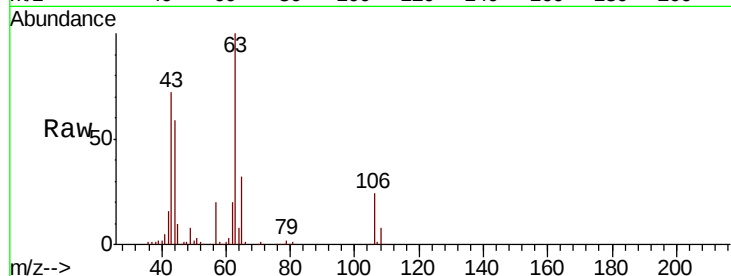




#55
2-Chloroethyl vinyl ether
Concen: 96.478 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

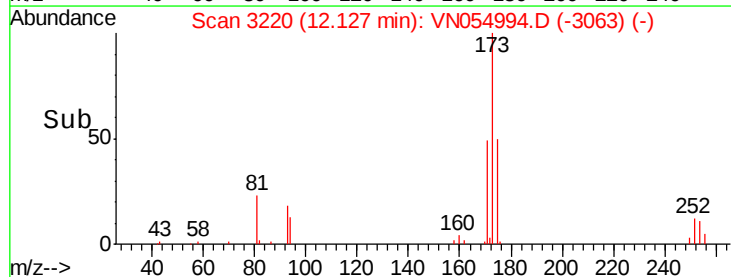
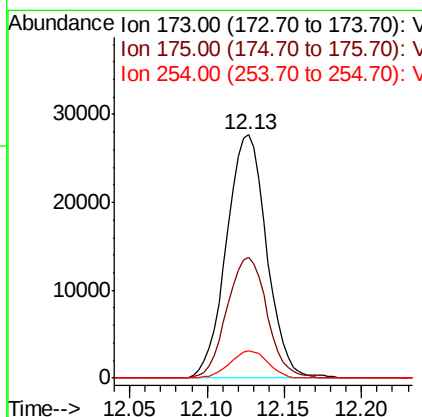
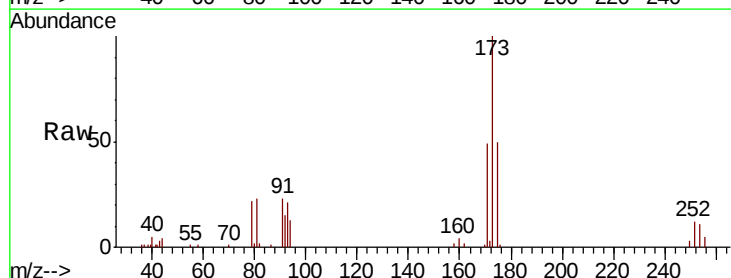
Instrument :
MSVOA_N
ClientSampled :

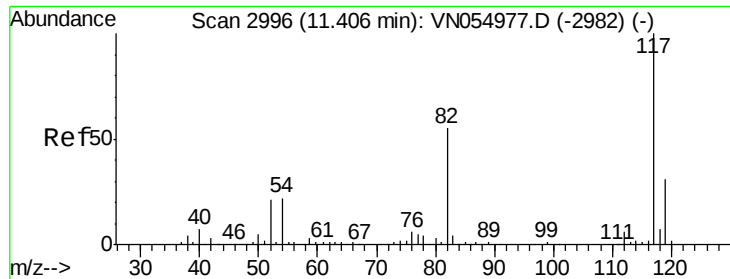
Tot Ion: 63 Resp: 191222
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.0
106 24.3 19.8 29.6



#56
Bromoform
Concen: 19.381 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion: 173 Resp: 49890
Ion Ratio Lower Upper
173 100
175 49.6 38.6 57.8
254 10.6 6.8 10.2#

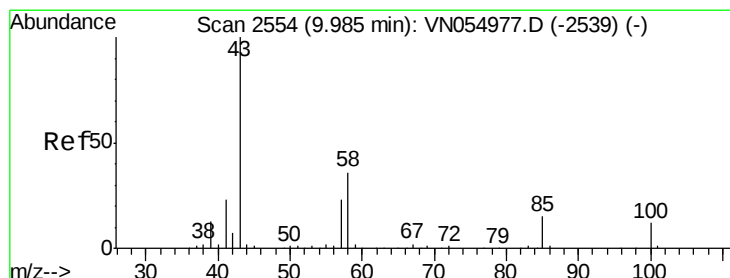
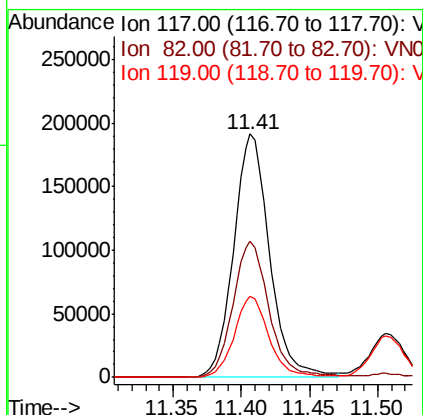
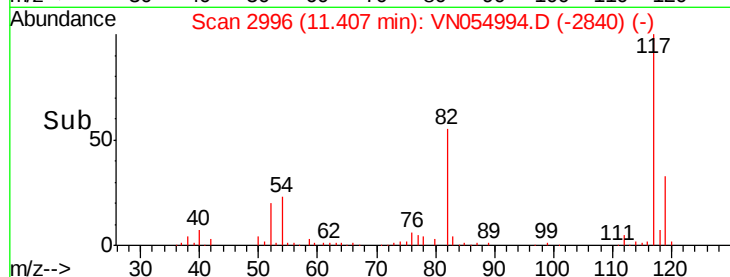
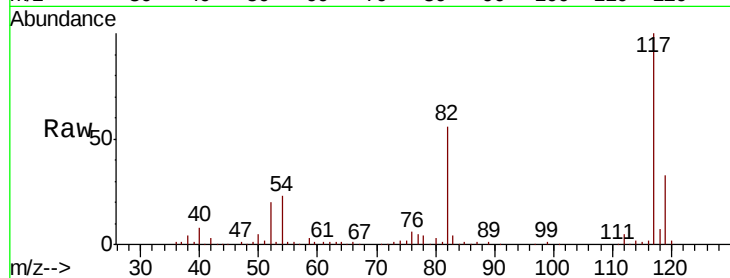




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

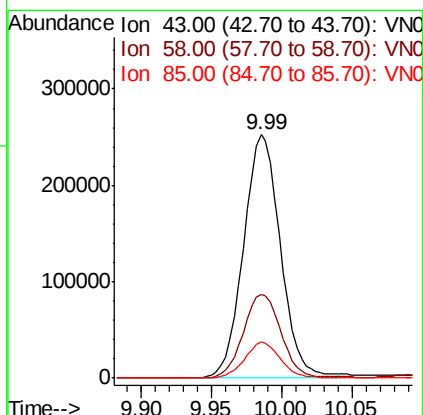
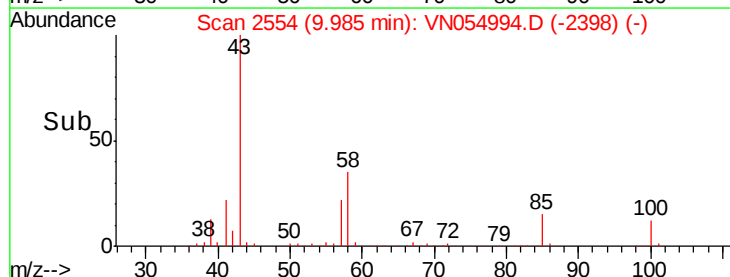
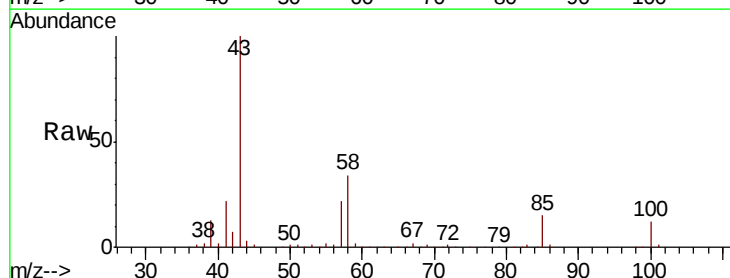
Instrument :
MSVOA_N
ClientSampled :

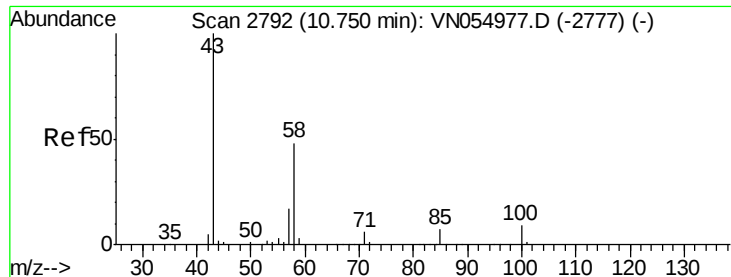
Tot Ion:117 Resp: 349507
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 32.3 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 114.570 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion: 43 Resp: 461779
Ion Ratio Lower Upper
43 100
58 35.7 28.7 43.1
85 14.5 11.8 17.6

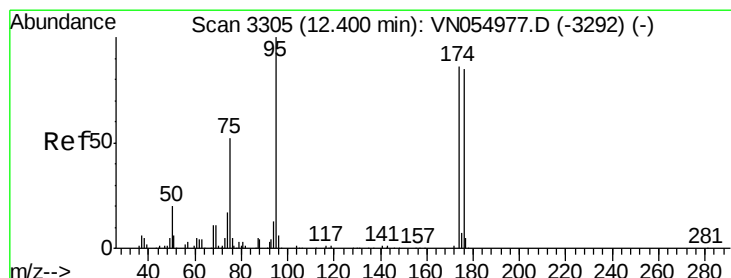
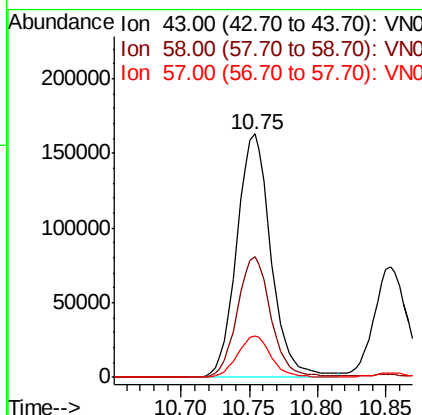
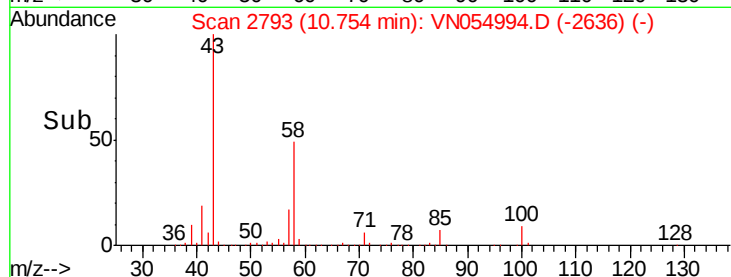
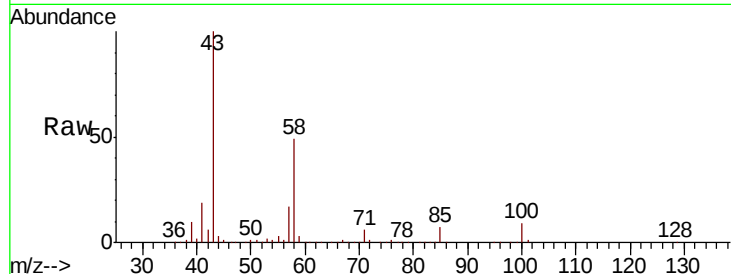




#59
2-Hexanone
Concen: 110.767 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

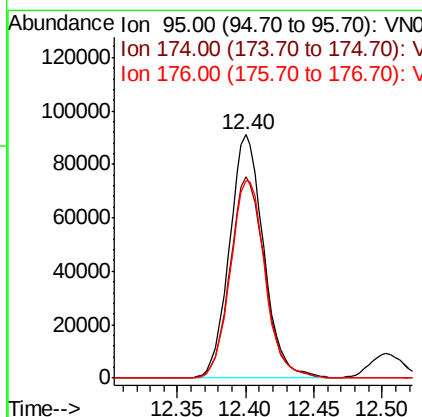
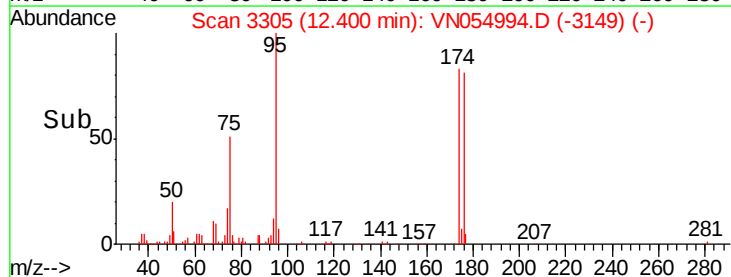
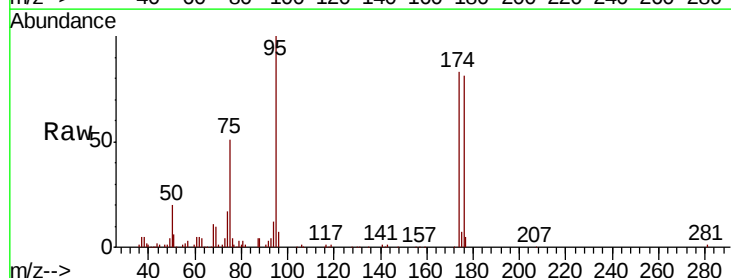
Instrument :
MSVOA_N
ClientSampleId :

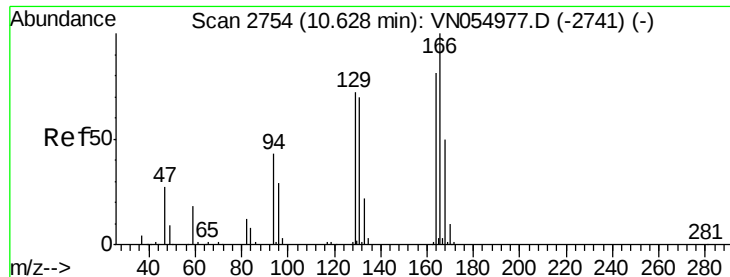
Tot Ion: 43 Resp: 283621
Ion Ratio Lower Upper
43 100
58 48.8 38.8 58.2
57 16.8 13.8 20.6



#60
4-Bromofluorobenzene
Concen: 110.767 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion: 95 Resp: 158746
Ion Ratio Lower Upper
95 100
174 83.9 69.4 104.2
176 82.3 67.4 101.2





#61

Tetrachloroethene

Concen: 20.238 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:164 Resp: 92050

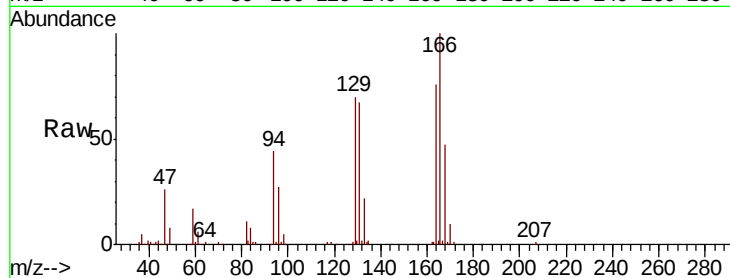
Ion Ratio Lower Upper

164 100

166 132.4 99.0 148.4

129 92.5 71.4 107.0

131 88.1 68.8 103.2

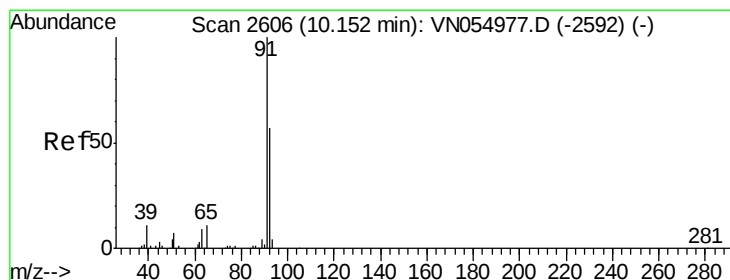
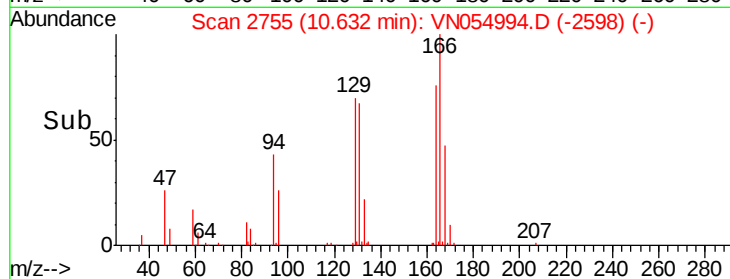
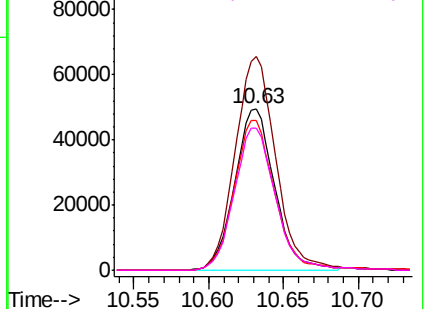


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.369 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054994.D

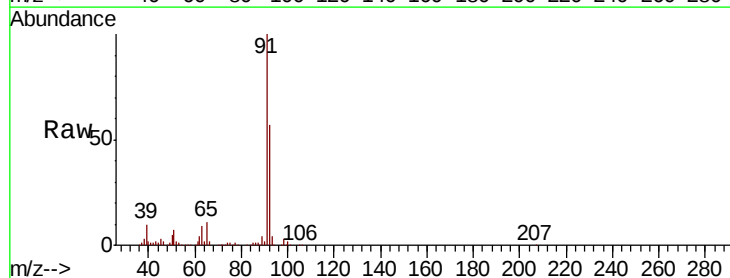
Acq: 12 Apr 2019 12:36

Tgt Ion: 91 Resp: 392253

Ion Ratio Lower Upper

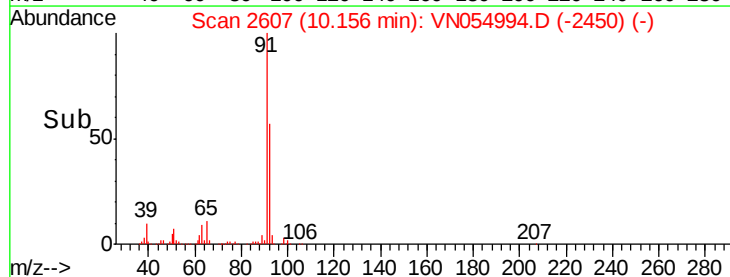
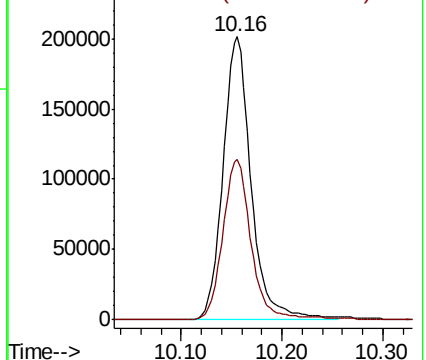
91 100

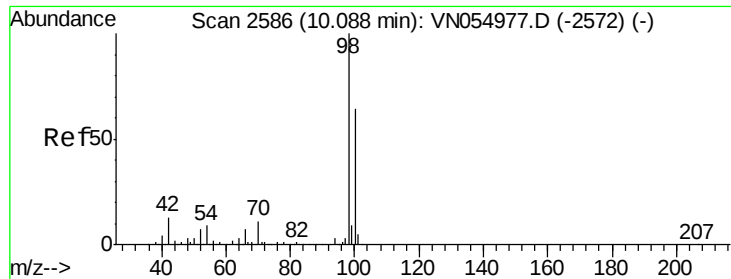
92 57.5 44.8 67.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 20.369 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :

MSVOA_N

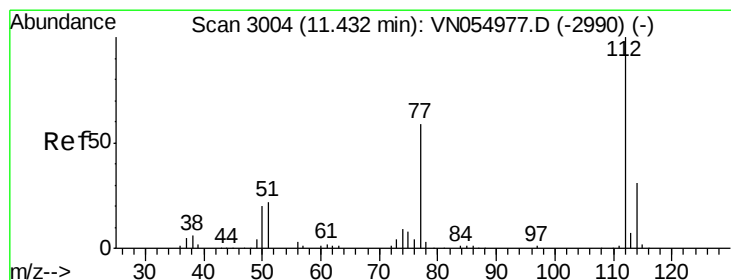
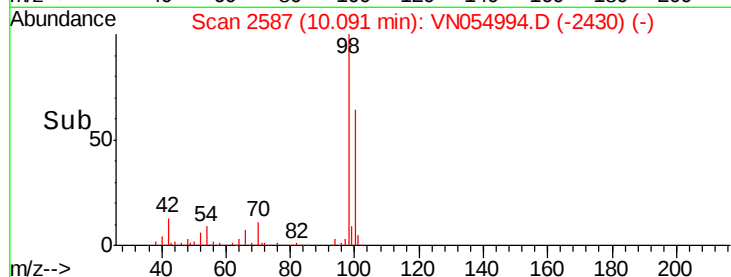
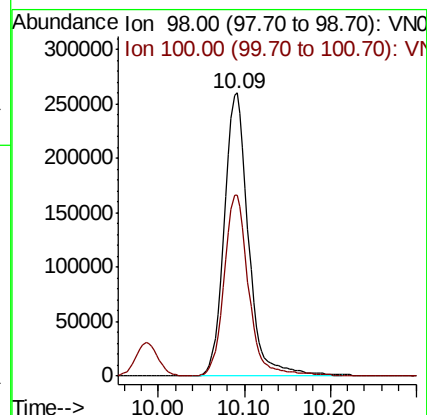
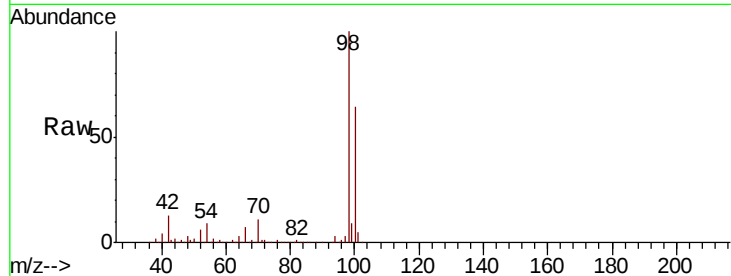
ClientSampleId :

Tot Ion: 98 Resp: 511530

Ion Ratio Lower Upper

98 100

100 64.8 51.1 76.7



#64

Chlorobenzene

Concen: 20.369 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054994.D

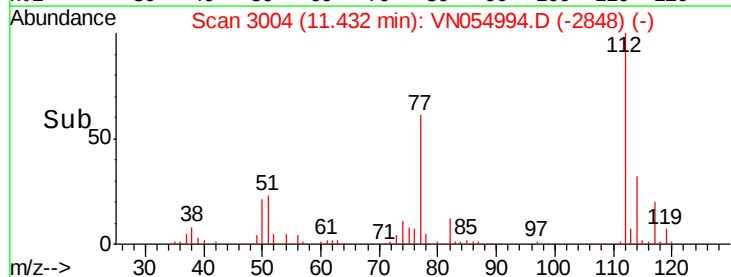
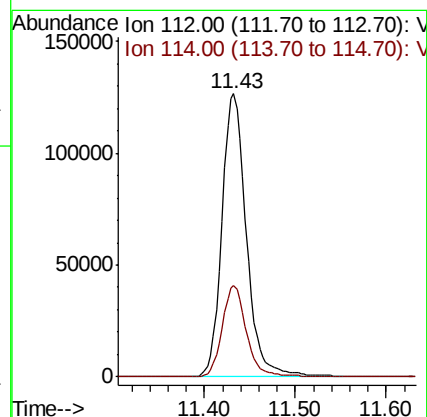
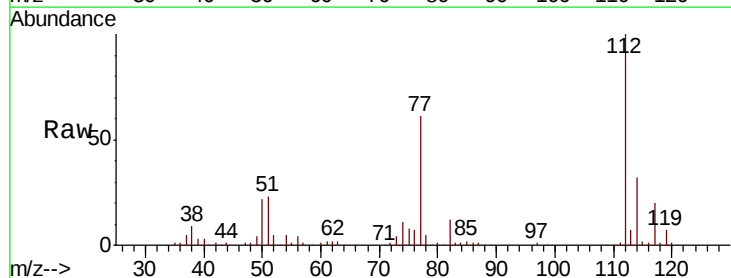
Acq: 12 Apr 2019 12:36

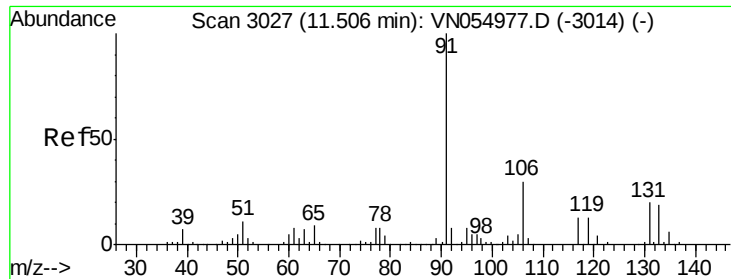
Tgt Ion: 112 Resp: 236815

Ion Ratio Lower Upper

112 100

114 32.2 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 20.569 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :

MSVOA_N

ClientSampled :

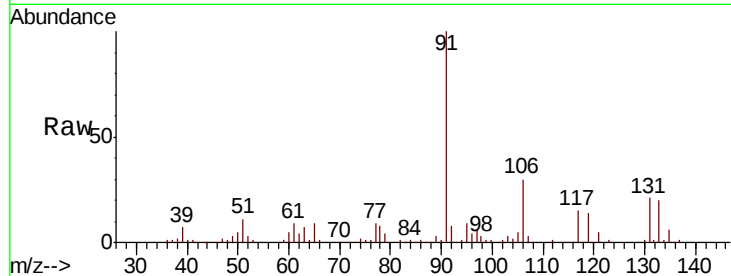
Tot Ion:131 Resp: 85052

Ion Ratio Lower Upper

131 100

133 96.1 0.0 187.8

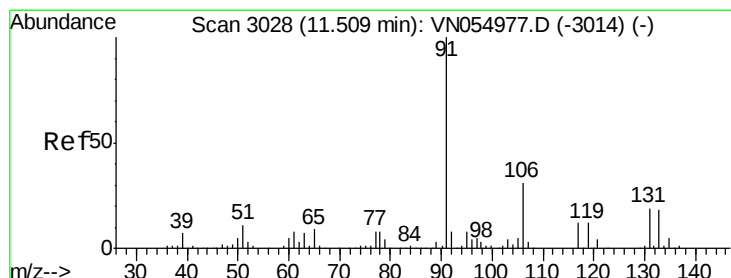
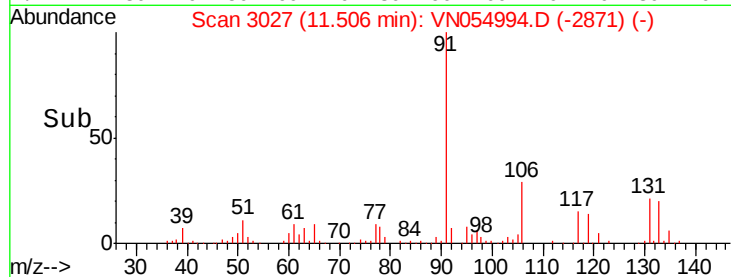
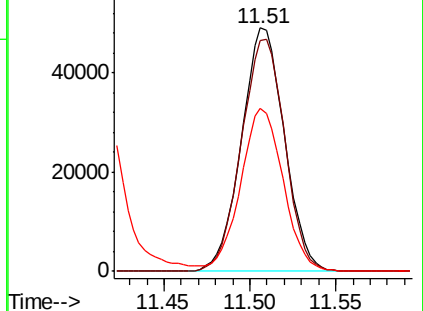
119 66.4 0.0 131.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.140 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN054994.D

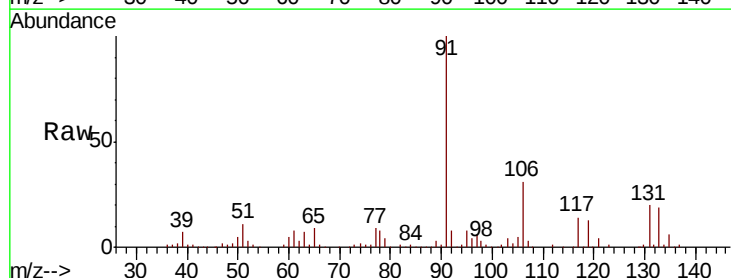
Acq: 12 Apr 2019 12:36

Tgt Ion: 91 Resp: 415754

Ion Ratio Lower Upper

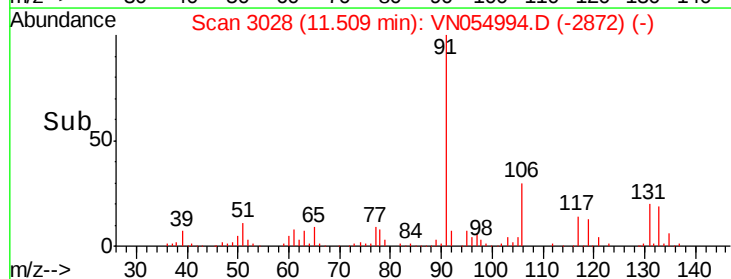
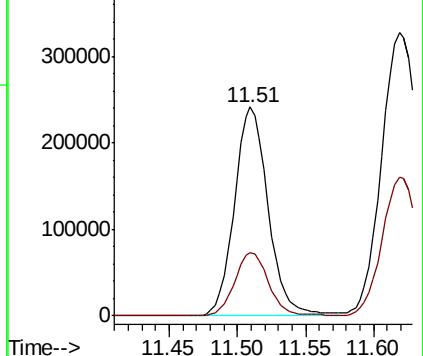
91 100

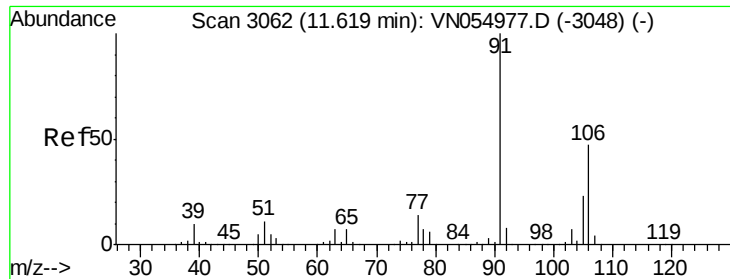
106 30.5 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

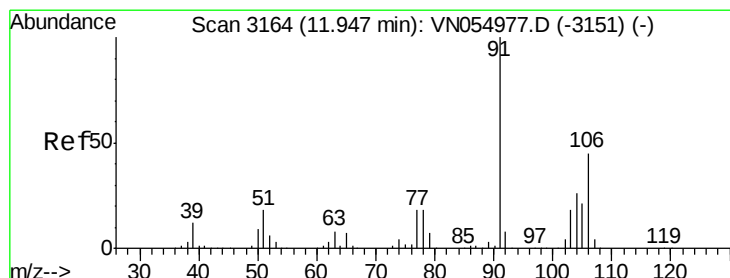
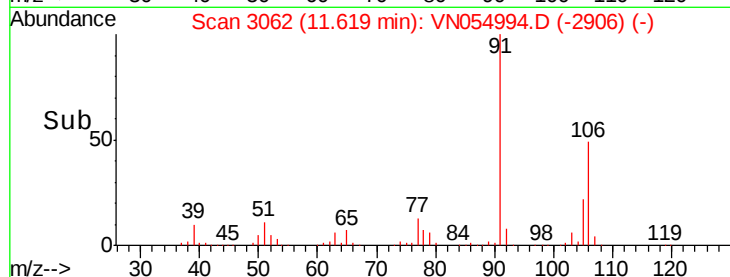
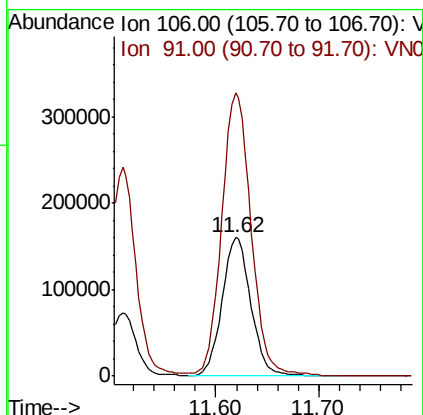
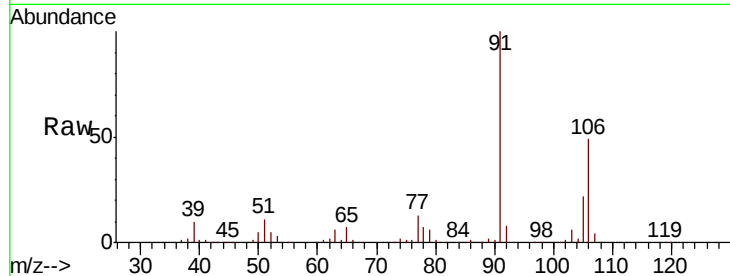




#67
m/p-Xvlenes
Concen: 40.725 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

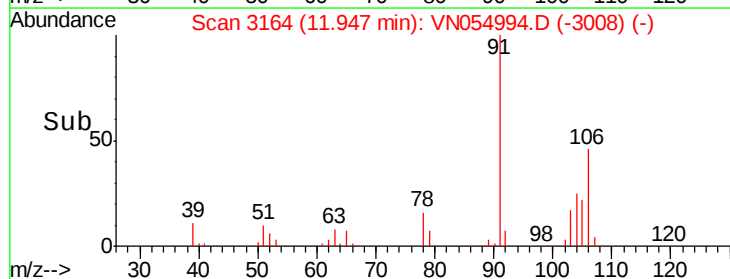
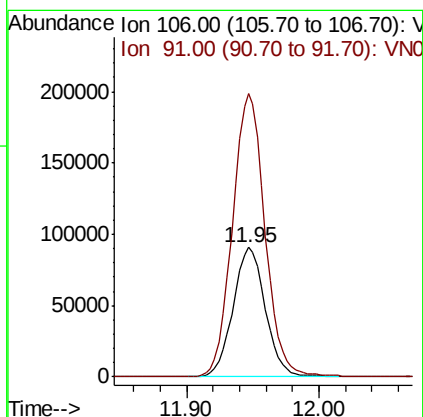
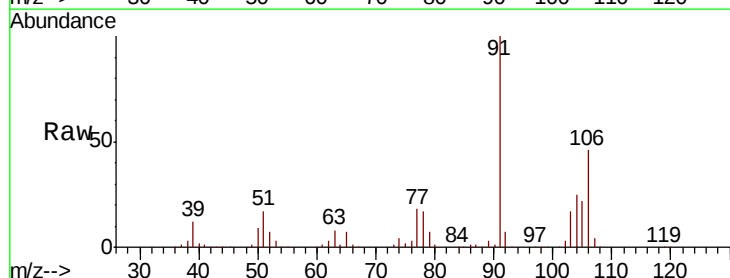
Instrument :
MSVOA_N
ClientSampled :

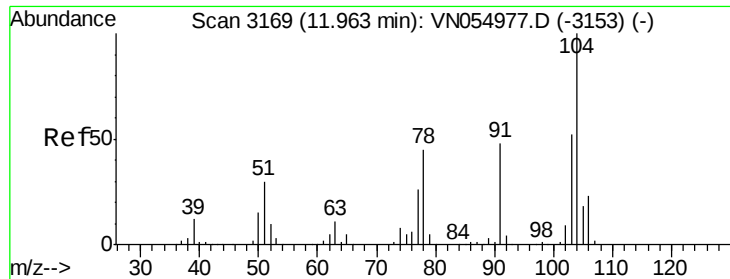
Tot Ion:106 Resp: 312499
Ion Ratio Lower Upper
106 100
91 208.9 167.4 251.2



#68
o-Xylene
Concen: 20.283 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion:106 Resp: 153804
Ion Ratio Lower Upper
106 100
91 219.2 110.3 330.8

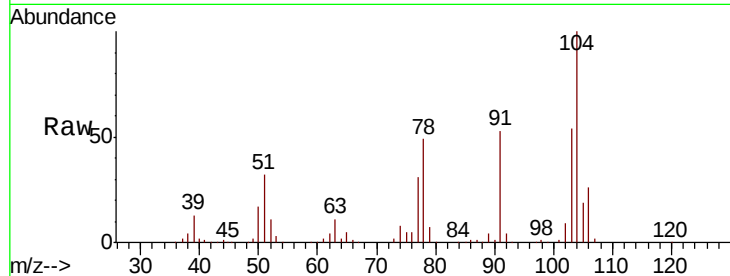




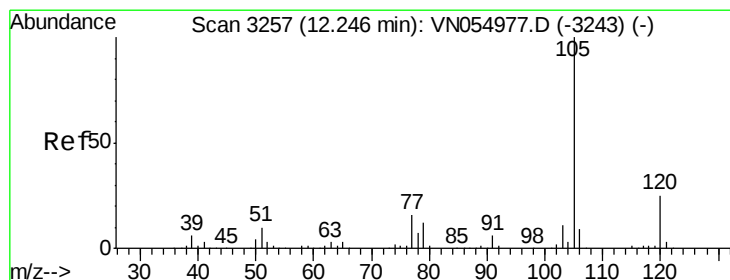
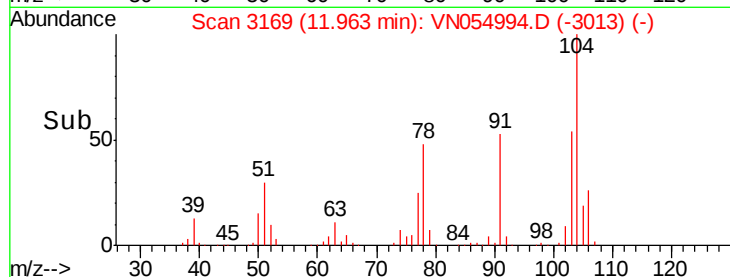
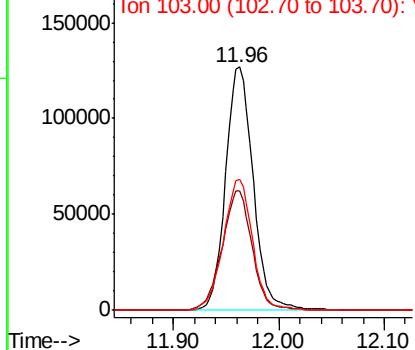
#69
Stvrene
Concen: 19.558 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:104 Resp: 230301
Ion Ratio Lower Upper
104 100
78 53.2 41.2 61.8
103 56.7 44.6 67.0

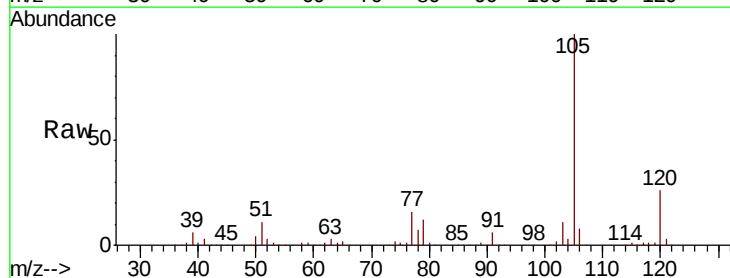


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

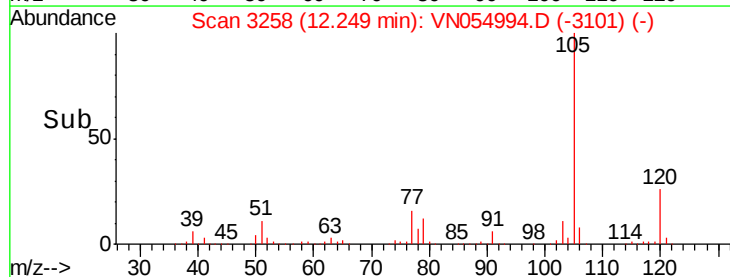
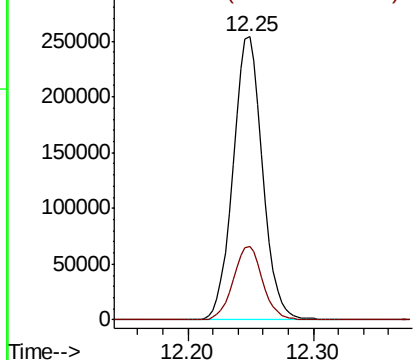


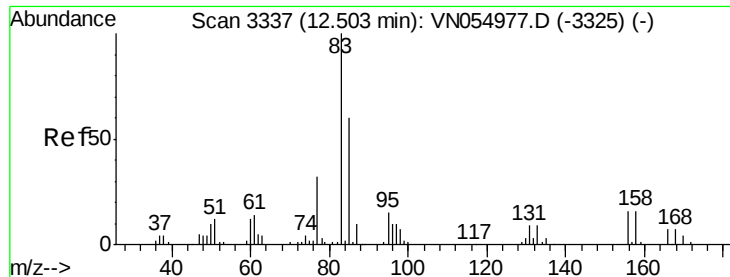
#70
Isopropylbenzene
Concen: 20.395 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion:105 Resp: 413508
Ion Ratio Lower Upper
105 100
120 25.9 18.3 33.9



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

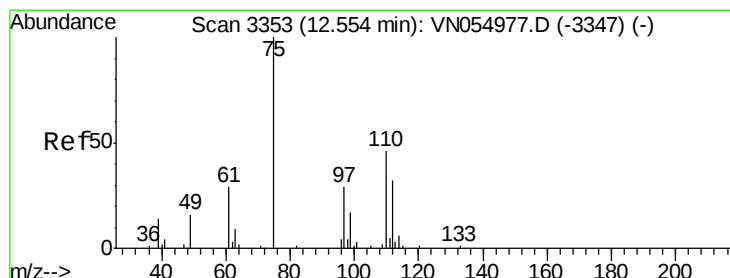
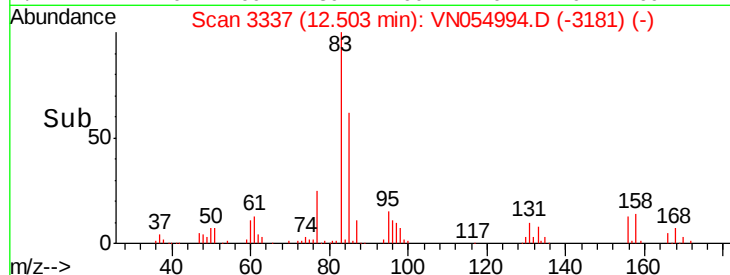
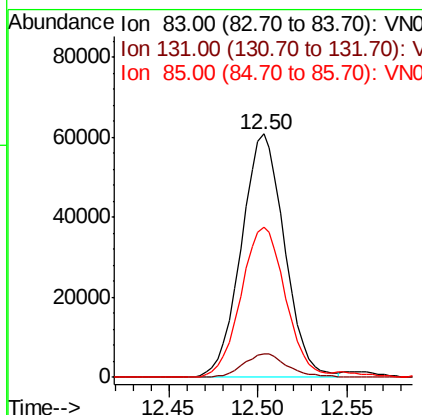
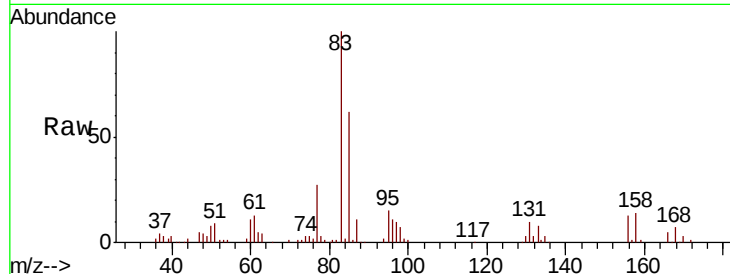




#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.270 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

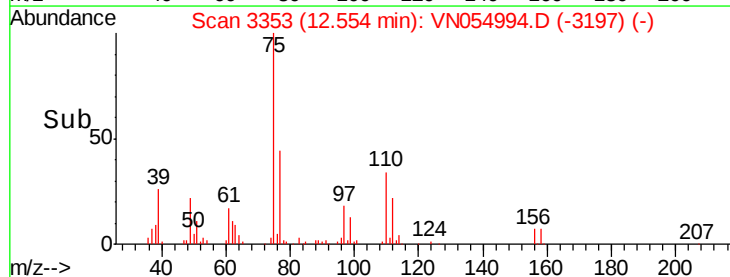
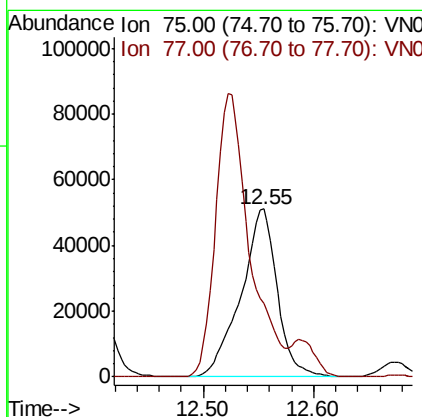
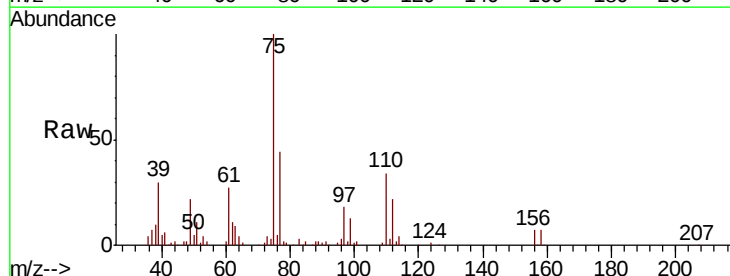
Instrument :
 MSVOA_N
 ClientSampled :

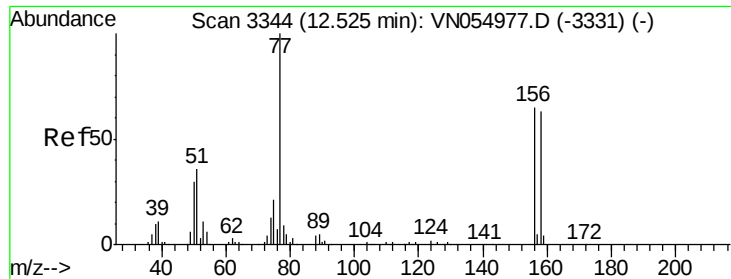
Tot Ion	83	Resp	103269
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.6	13.8
85	63.1	30.9	92.5



#72
 1,2,3-Trichloropropane
 Concen: 30.459 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Tgt Ion	75	Resp	116646
Ion Ratio	Lower	Upper	
75	100		
77	13.7	0.0	466.6

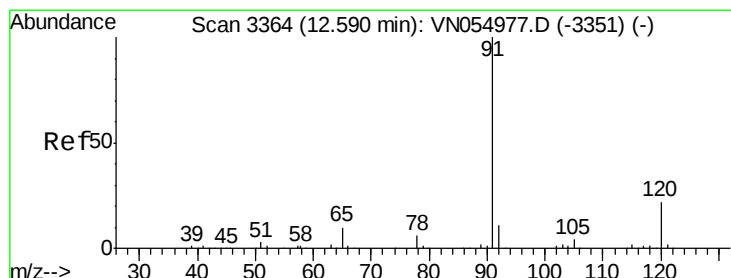
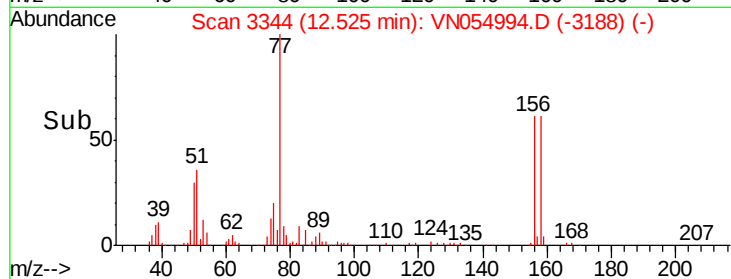
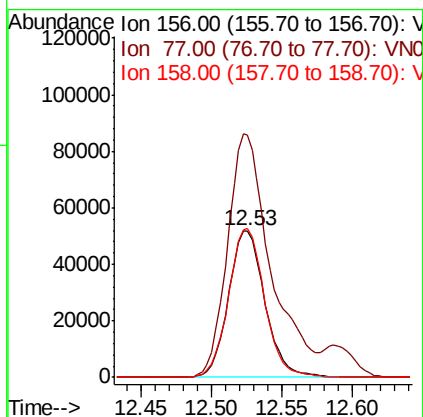
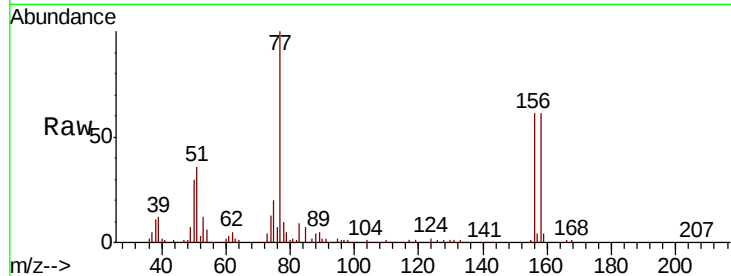




#73
Bromobenzene
Concen: 19.605 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

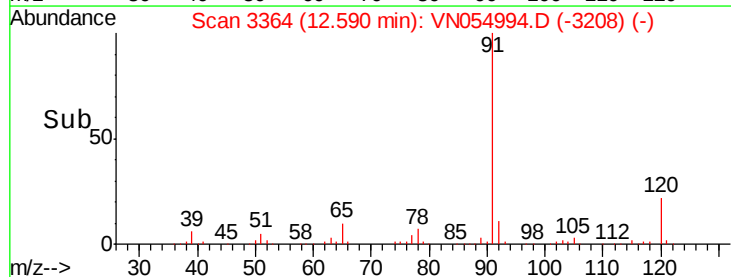
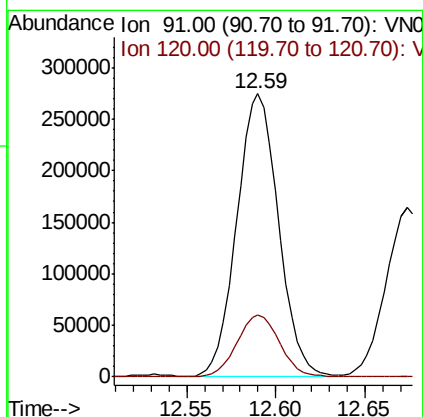
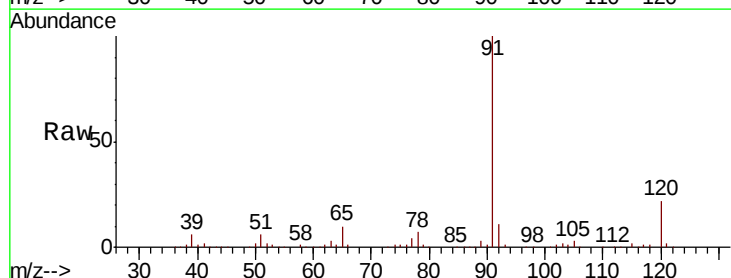
Instrument :
MSVOA_N
ClientSampled :

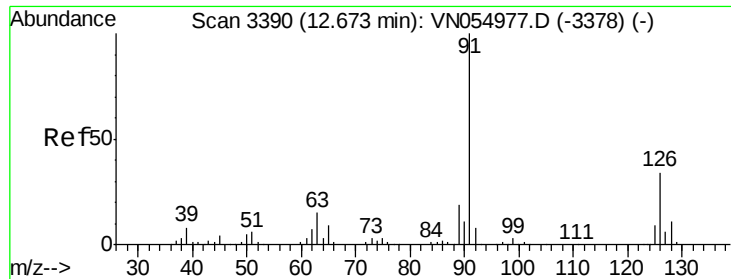
Tot Ion:156 Resp: 93948
Ion Ratio Lower Upper
156 100
77 198.0 0.0 383.2
158 100.2 0.0 193.8



#74
n-propylbenzene
Concen: 19.697 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion: 91 Resp: 447067
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.4





#75

2-Chlorotoluene

Concen: 20.243 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :

MSVOA_N

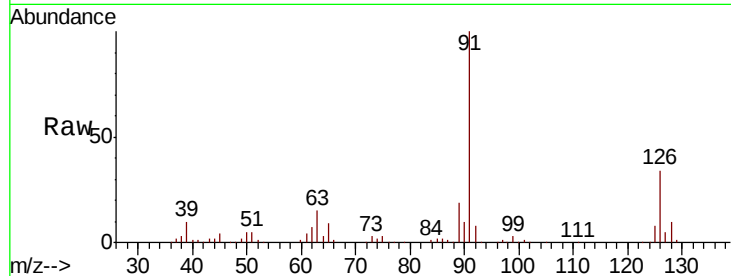
ClientSampleId :

Tot Ion: 91 Resp: 277106

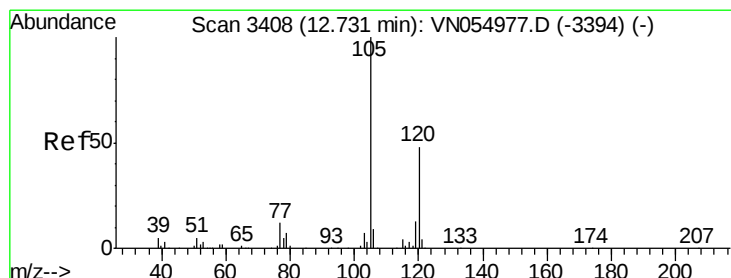
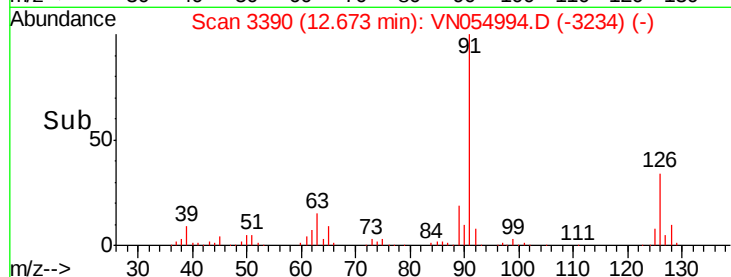
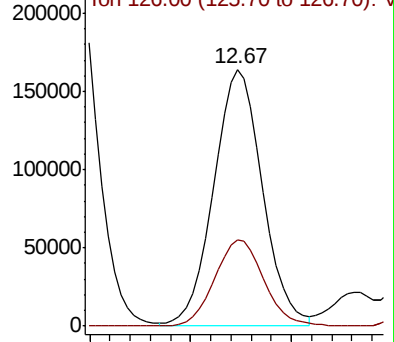
Ion Ratio Lower Upper

91 100

126 34.1 0.0 67.4



Abundance Ion 91.00 (90.70 to 91.70): VN054977.D (-3378) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.120 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054994.D

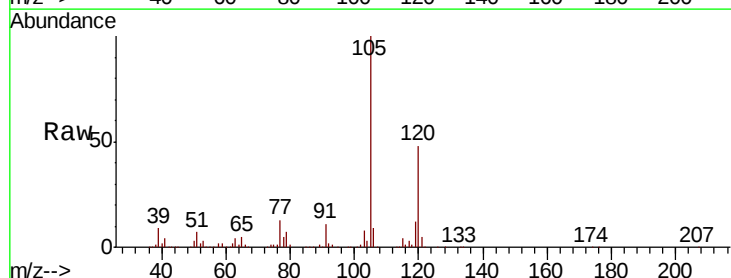
Acq: 12 Apr 2019 12:36

Tgt Ion: 105 Resp: 329798

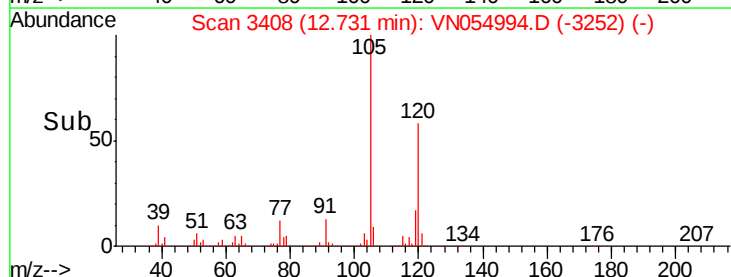
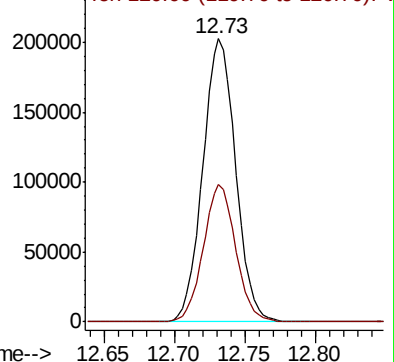
Ion Ratio Lower Upper

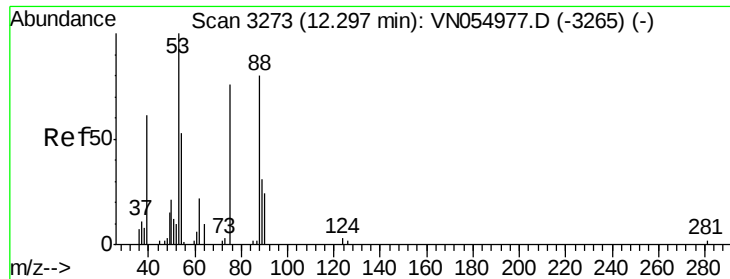
105 100

120 47.9 0.0 94.8



Abundance Ion 105.00 (104.70 to 105.70): VN054977.D (-3394) (-)

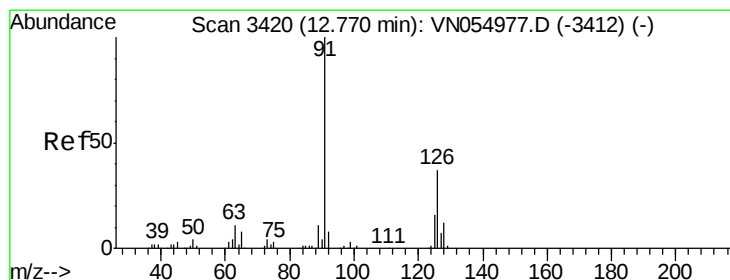
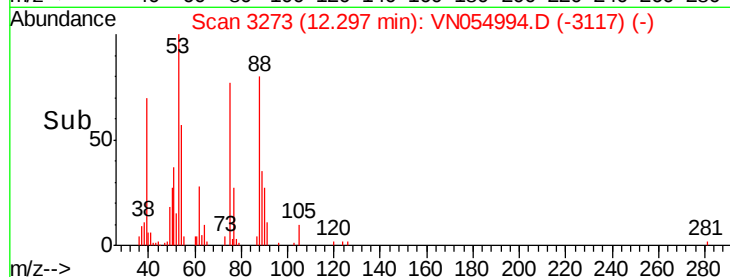
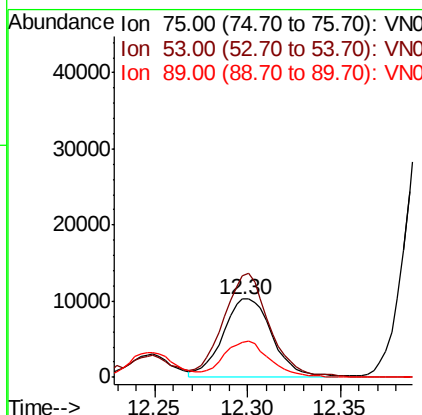
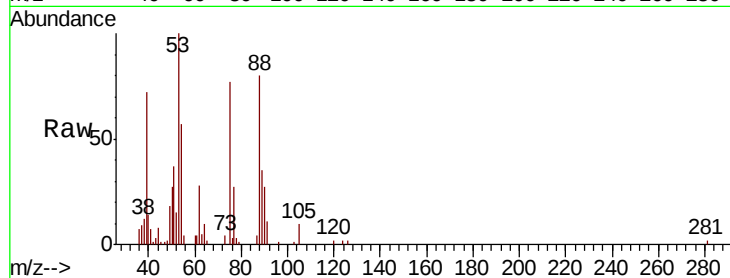




#77
t-1,4-Dichloro-2-butene
Concen: 19.796 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

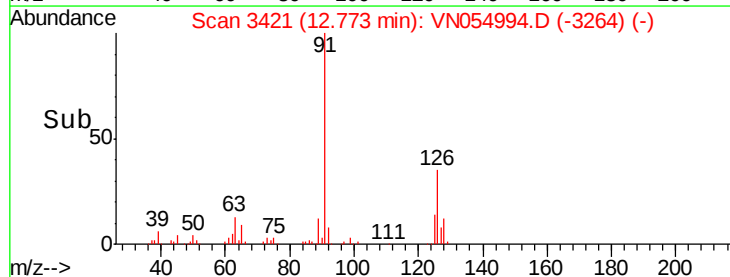
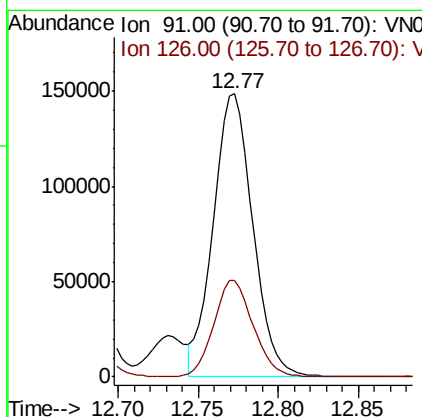
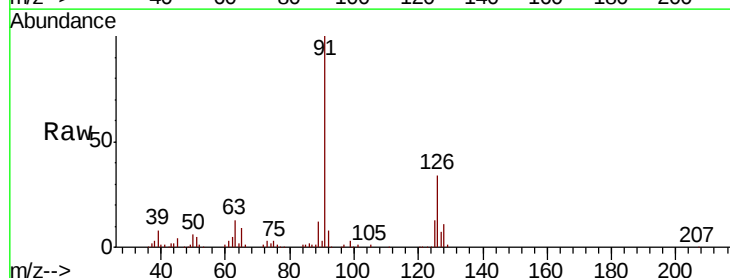
Instrument :
MSVOA_N
ClientSampled :

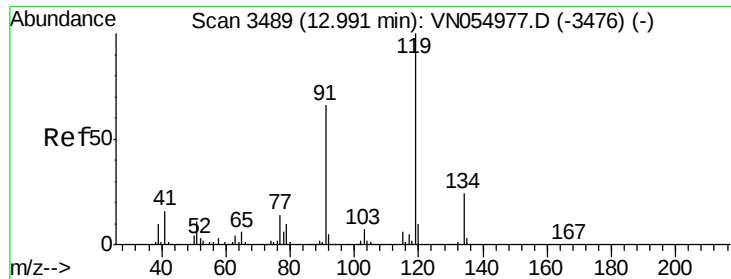
Tot Ion	Ratio	Lower	Upper
75	100		
53	129.6	64.3	192.7
89	45.9	21.6	65.0



#78
4-Chlorotoluene
Concen: 19.337 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	0.0	66.6

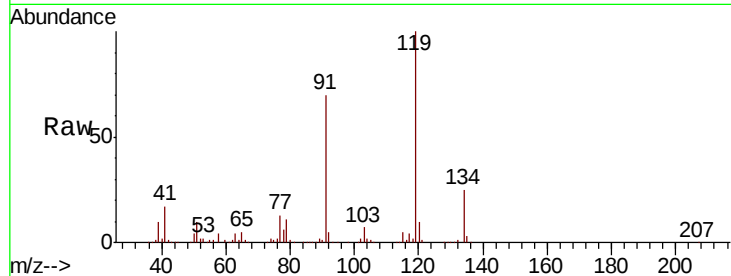




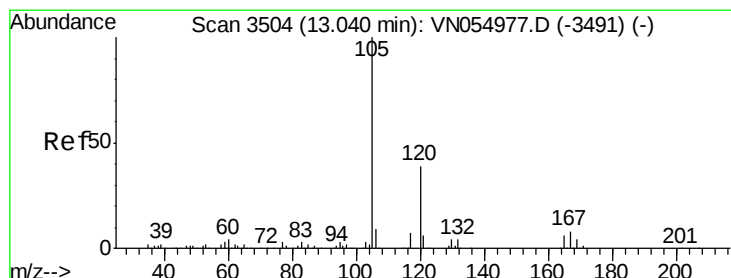
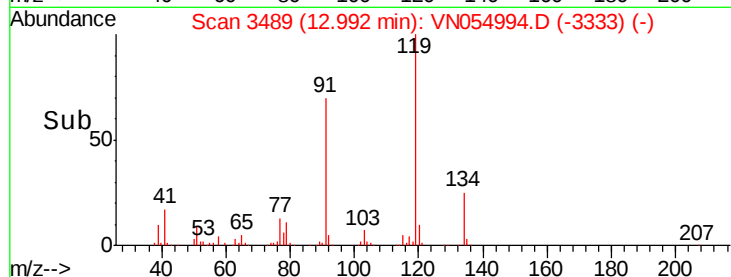
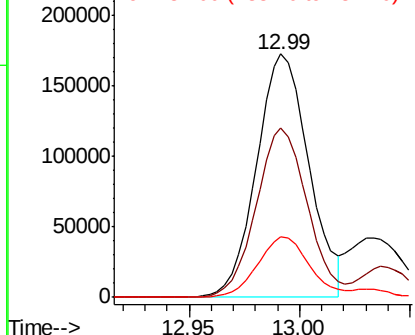
#79
tert-butylbenzene
Concen: 20.033 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 284126
Ion Ratio Lower Upper
119 100
91 68.1 0.0 132.6
134 24.6 0.0 47.6

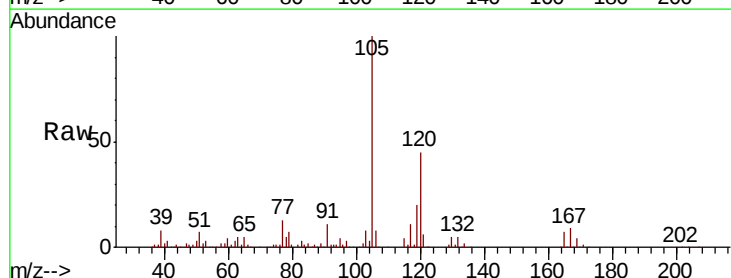


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

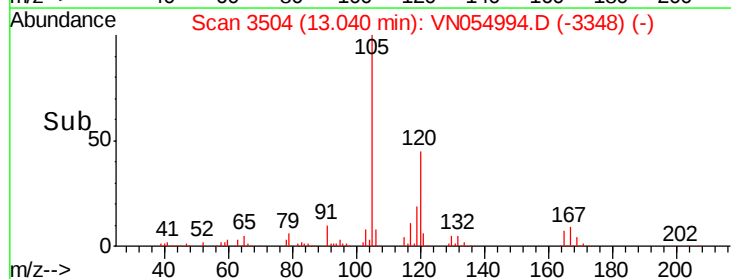
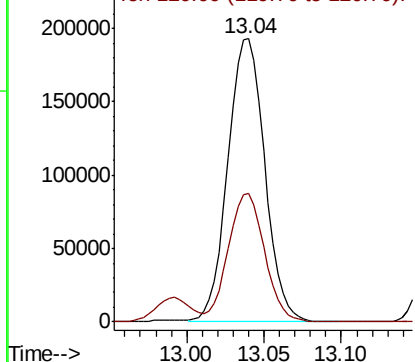


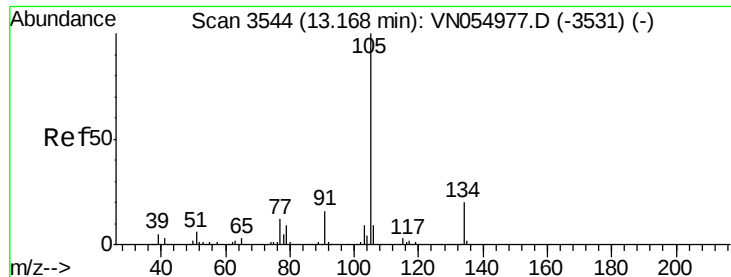
#80
1,2,4-Trimethylbenzene
Concen: 19.830 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054994.D
Acq: 12 Apr 2019 12:36

Tgt Ion:105 Resp: 319312
Ion Ratio Lower Upper
105 100
120 44.6 0.0 91.4



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

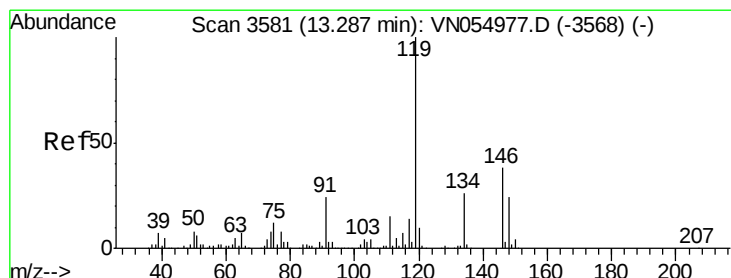
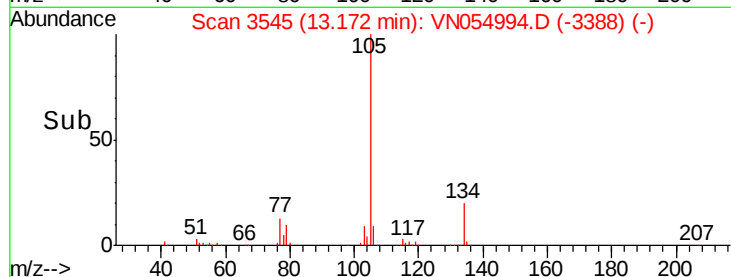
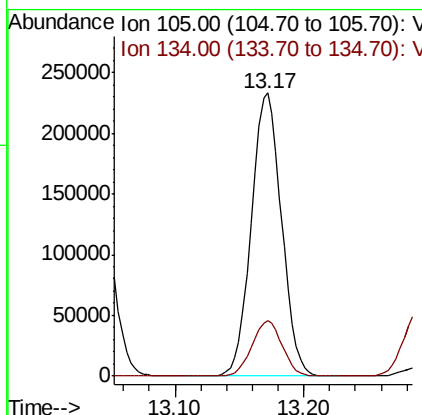
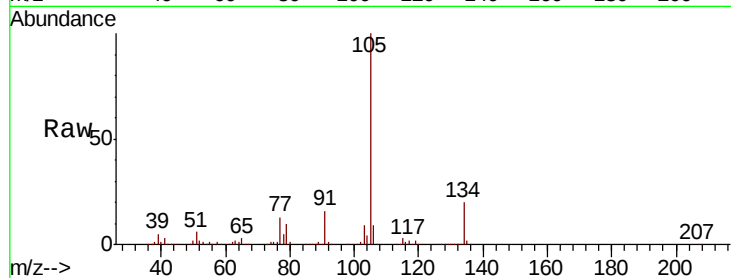




#81
 sec-Butylbenzene
 Concen: 20.099 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

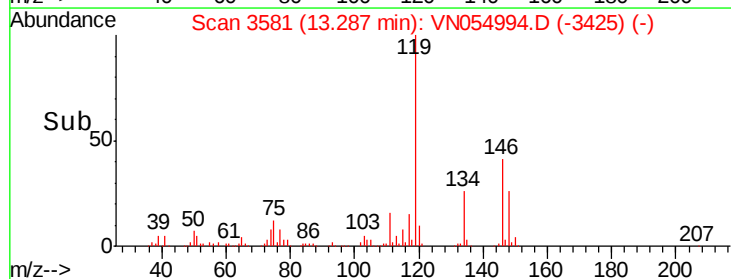
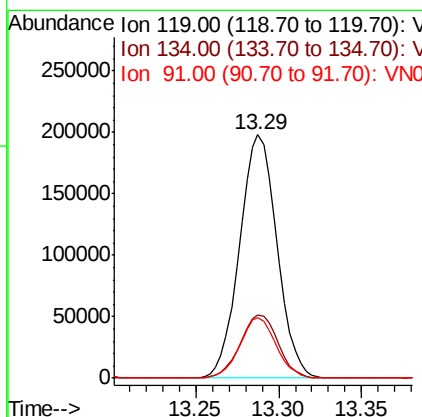
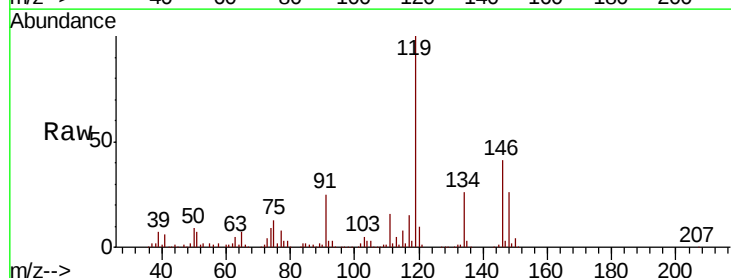
Instrument :
 MSVOA_N
 ClientSampleId :

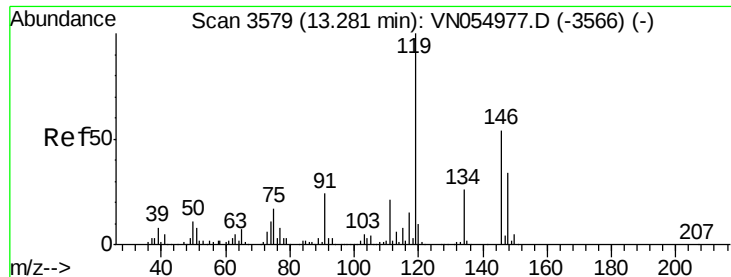
Tot Ion:105 Resp: 380892
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 19.353 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Tgt Ion:119 Resp: 309522
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 53.2
 91 24.2 0.0 47.8

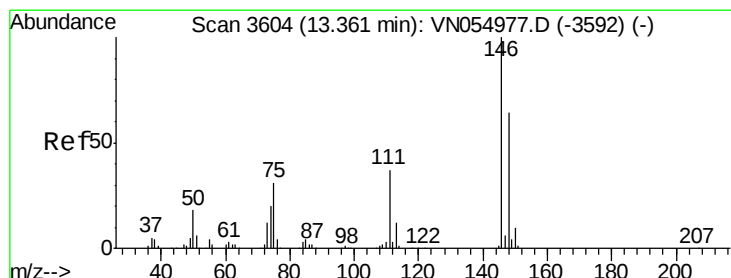
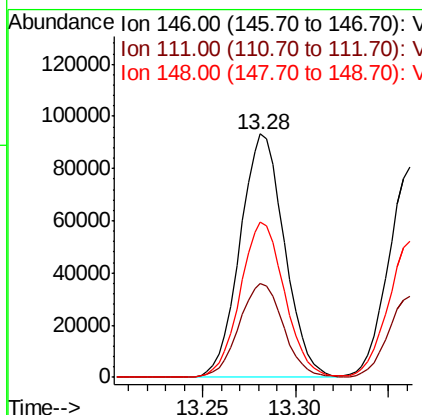
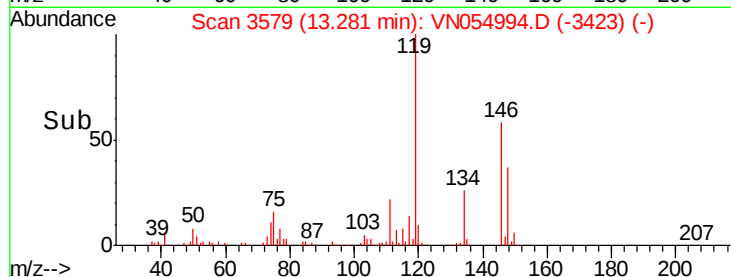
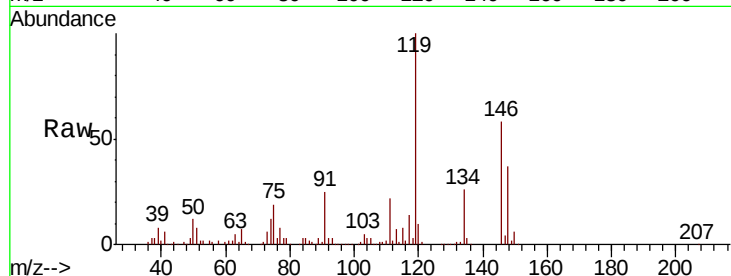




#83
 1,3-Dichlorobenzene
 Concen: 19.403 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

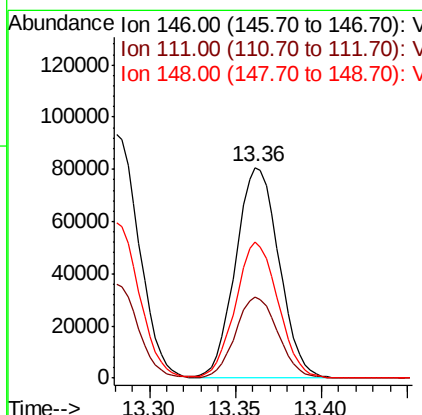
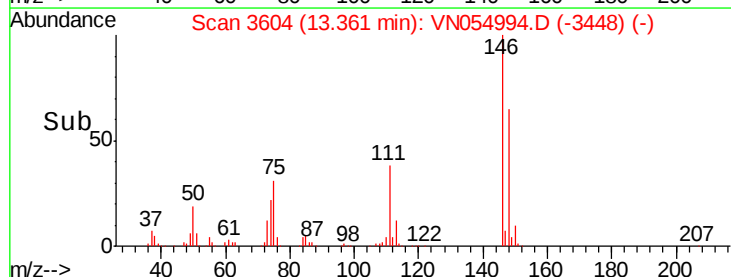
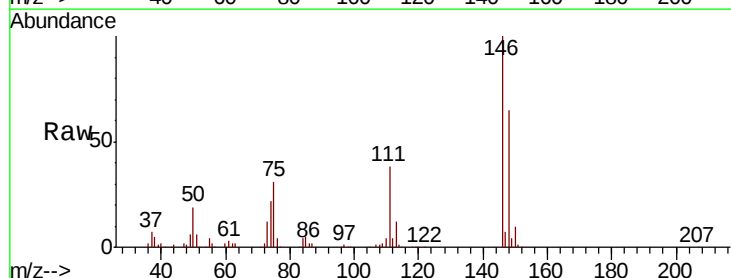
Instrument :
 MSVOA_N
 ClientSampleId :

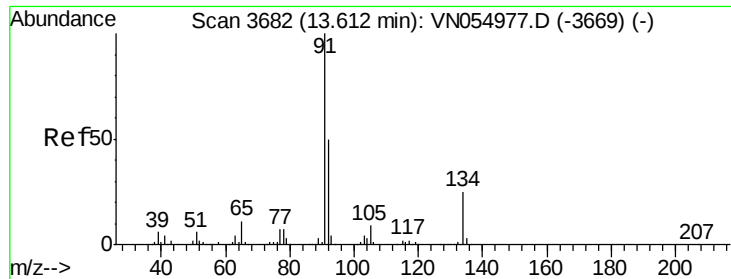
Tot Ion:146 Resp: 155558
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.5
 148 63.7 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 18.579 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Tgt Ion:146 Resp: 141541
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.4 55.2
 148 63.1 32.5 97.4





#85

n-Butylbenzene

Concen: 17.695 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

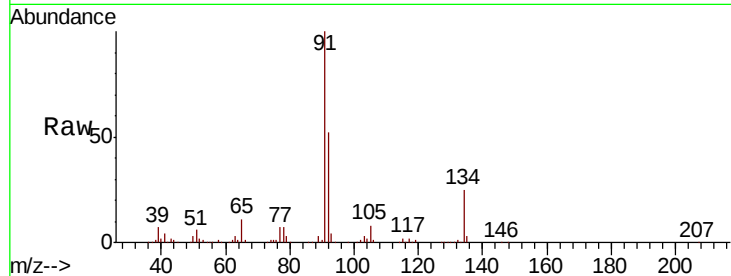
Tot Ion: 91 Resp: 225438

Ion Ratio Lower Upper

91 100

92 51.8 0.0 101.4

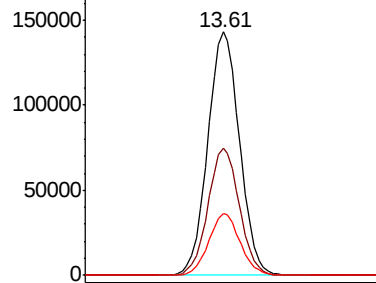
134 25.2 0.0 49.8



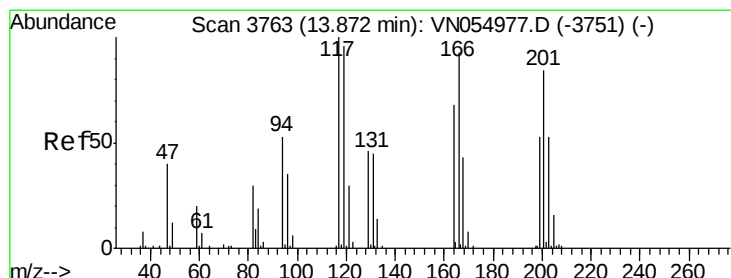
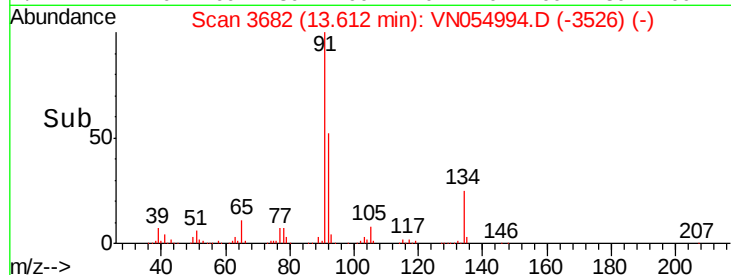
Abundance Ion 91.00 (90.70 to 91.70): VN054977.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN054977.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN054977.D (-3669) (-)



Time-->



#86

Hexachloroethane

Concen: 18.783 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN054994.D

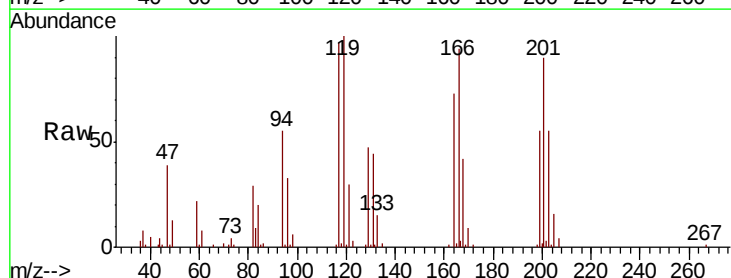
Acq: 12 Apr 2019 12:36

Tgt Ion: 117 Resp: 48091

Ion Ratio Lower Upper

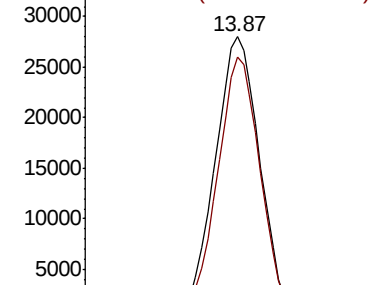
117 100

201 89.0 42.8 128.3

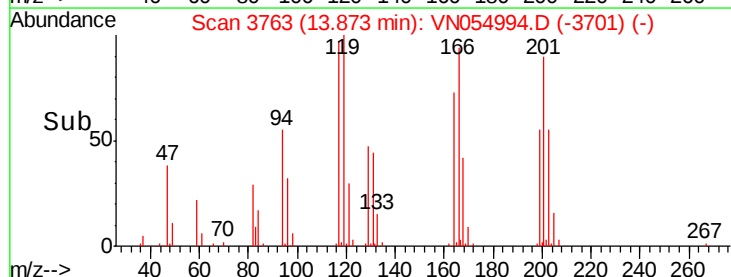


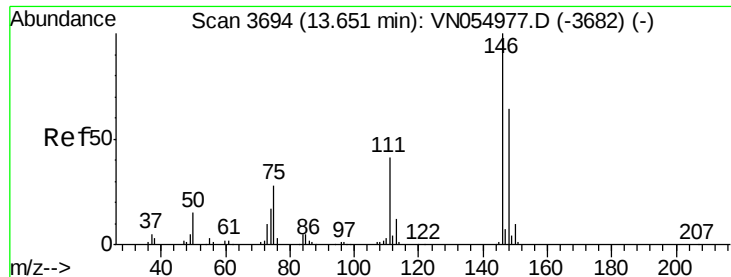
Abundance Ion 117.00 (116.70 to 117.70): VN054977.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN054977.D (-3751) (-)



Time-->





#87

1,2-Dichlorobenzene

Concen: 20.253 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

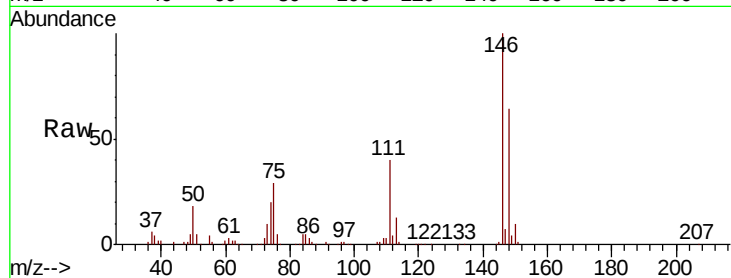
Tot Ion:146 Resp: 159010

Ion Ratio Lower Upper

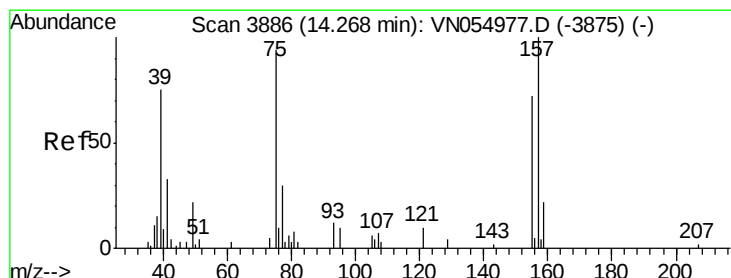
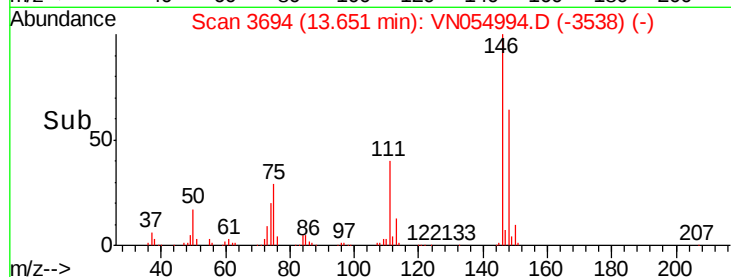
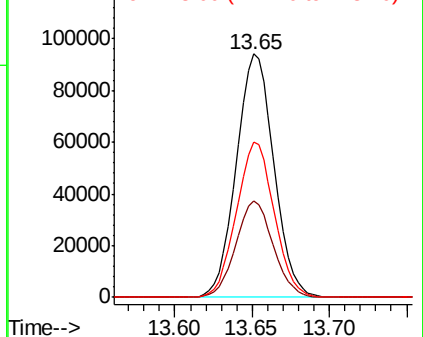
146 100

111 39.3 20.3 60.8

148 64.1 32.5 97.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.420 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

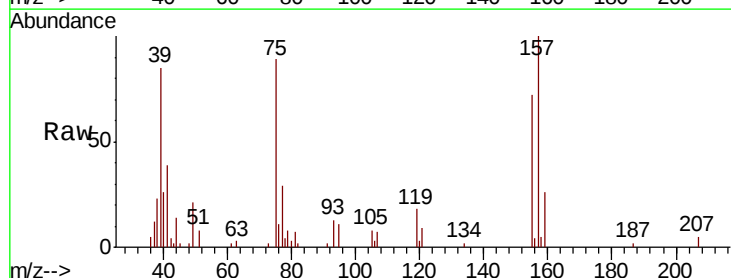
Tgt Ion: 75 Resp: 11969

Ion Ratio Lower Upper

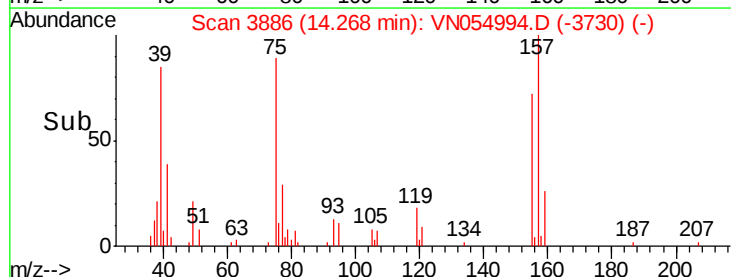
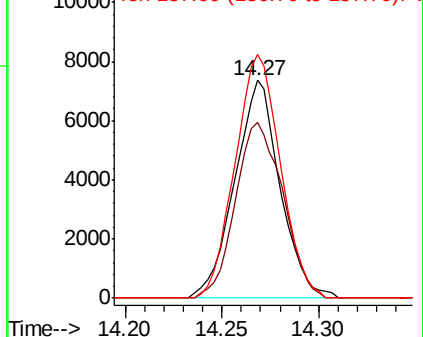
75 100

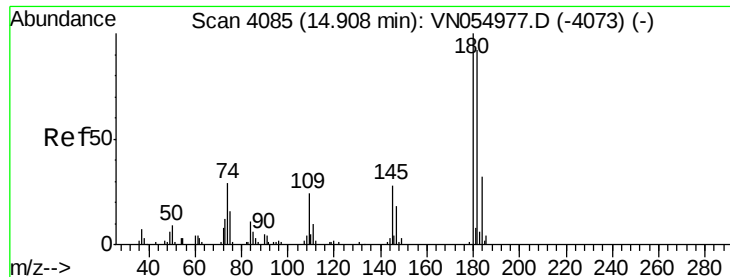
155 84.5 61.8 92.8

157 112.4 82.7 124.1



Abundance Ion 75.00 (74.70 to 75.70): V
Ion 155.00 (154.70 to 155.70): V
Ion 157.00 (156.70 to 157.70): V

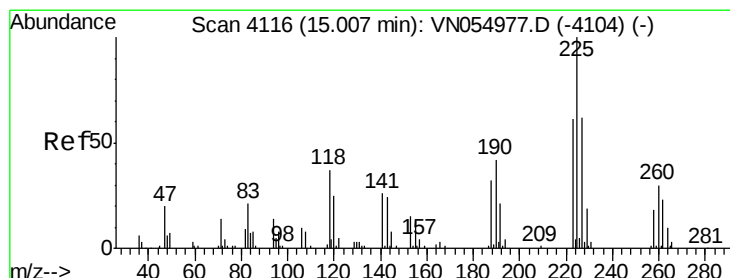
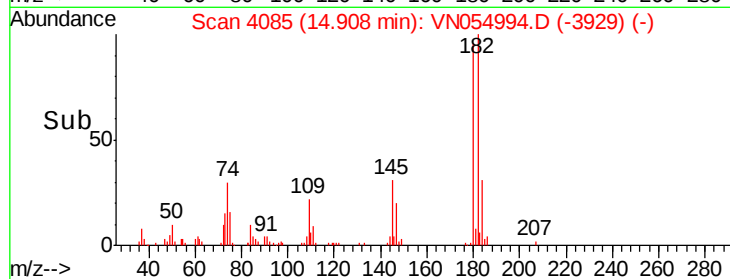
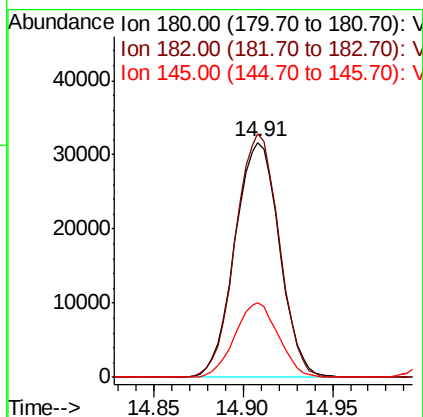
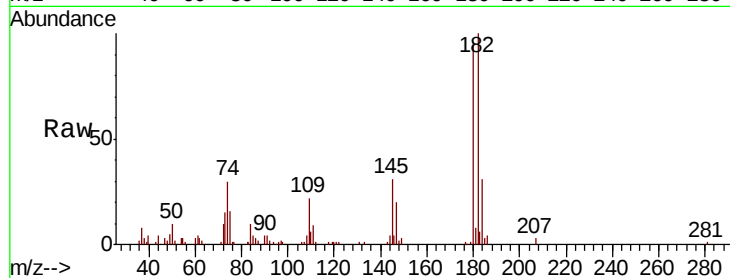




#89
 1,2,4-Trichlorobenzene
 Concen: 15.713 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

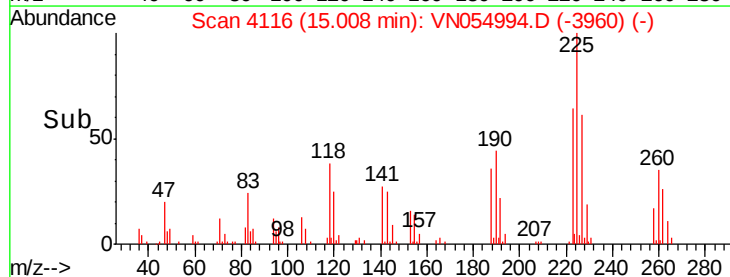
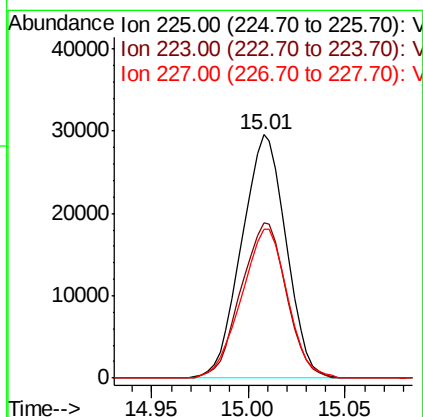
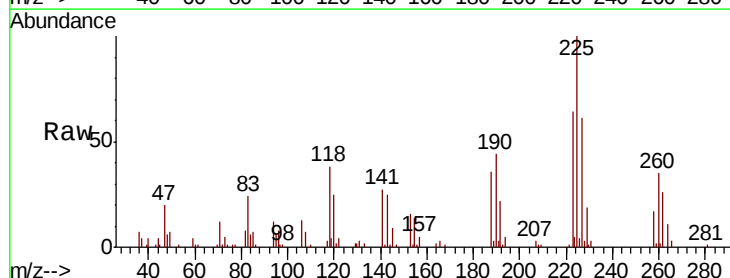
Instrument :
 MSVOA_N
 ClientSampleId :

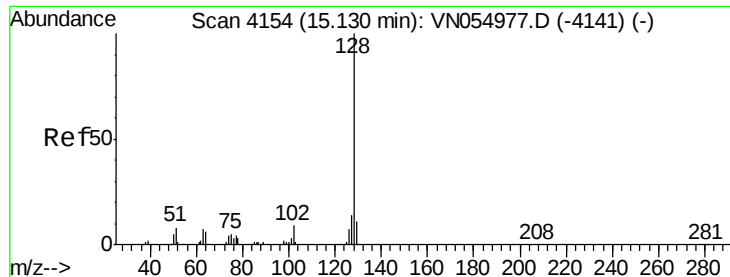
Tot Ion:180 Resp: 55153
 Ion Ratio Lower Upper
 180 100
 182 101.3 73.2 109.8
 145 30.7 23.2 34.8



#90
 Hexachlorobutadiene
 Concen: 18.520 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054994.D
 Acq: 12 Apr 2019 12:36

Tgt Ion:225 Resp: 47397
 Ion Ratio Lower Upper
 225 100
 223 64.9 0.0 126.0
 227 63.4 0.0 125.4





#91

Naphthalene

Concen: 17.357 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

Instrument :

MSVOA_N

ClientSampled :

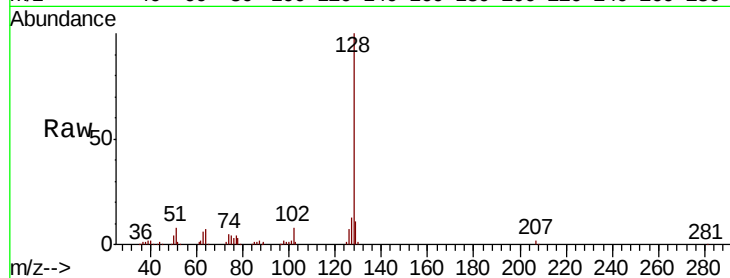
Tot Ion:128 Resp: 127571

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

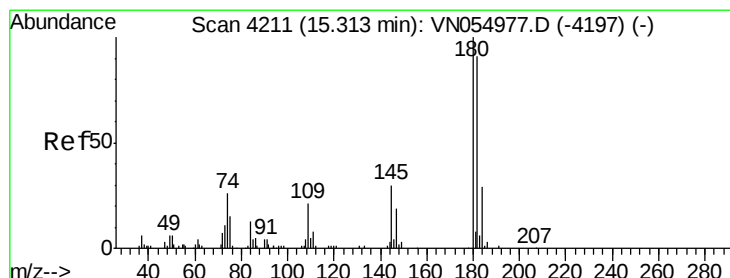
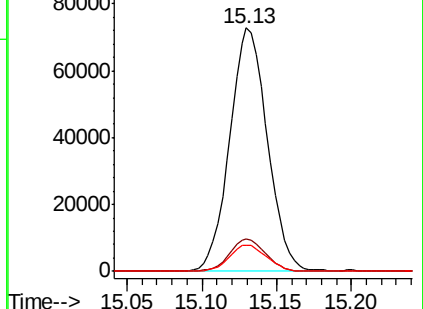
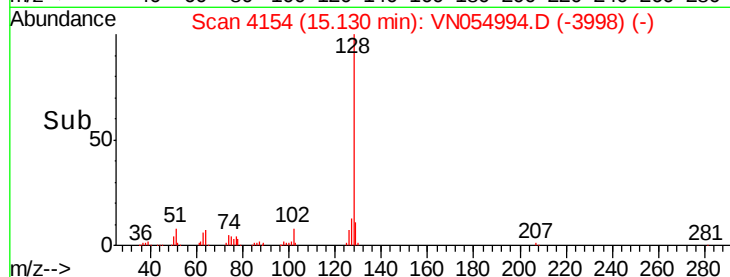
129 10.6 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 17.769 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054994.D

Acq: 12 Apr 2019 12:36

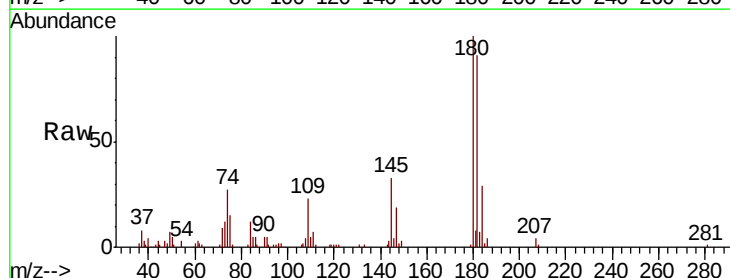
Tgt Ion:180 Resp: 62378

Ion Ratio Lower Upper

180 100

182 92.4 0.0 188.2

145 31.9 0.0 61.2



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

