

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041219\
 Data File : VN054996.D
 Acq On : 12 Apr 2019 13:28
 Operator : JC/SP
 Sample : VSTDCCC020EC
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 12 23:05:36 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	72062	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	385865	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	332505	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	165288	30.09	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.30%
60) 4-Bromofluorobenzene	12.40	95	153648	29.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.93%
63) Toluene-d8	10.09	98	478219	30.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	79600	18.781 ug/l	99
3) Chloromethane	2.06	50	110940	19.377 ug/l	100
4) Vinyl Chloride	2.19	62	93382	18.861 ug/l	96
5) Bromomethane	2.56	94	57223	19.982 ug/l	92
6) Chloroethane	2.71	64	51904	18.719 ug/l	96
7) Trichlorofluoromethane	3.02	101	124836	19.732 ug/l	97
8) Diethyl Ether	3.41	74	39784	19.585 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	67198	19.430 ug/l	96
10) 1,1-Dichloroethene	3.73	96	60041	18.778 ug/l	98
11) Methyl Iodide	3.94	142	90198	18.641 ug/l	99
12) Methyl Acetate	4.33	43	90895	23.111 ug/l	97
13) Acrolein	3.61	56	32181	93.363 ug/l	97
14) Acrylonitrile	5.00	53	167424	103.906 ug/l	99
15) Acetone	3.82	58	34936	87.620 ug/l	100
16) Carbon Disulfide	4.04	76	195686	18.245 ug/l	99
17) Allyl chloride	4.32	41	153706	19.520 ug/l	97
18) Methylene Chloride	4.55	84	93523	19.787 ug/l	99
19) trans-1,2-Dichloroethene	5.04	96	81589	19.602 ug/l	97
20) Diisopropyl ether	5.96	45	314204	19.697 ug/l	98
21) 1,1-Dichloroethane	5.85	63	168357	19.760 ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	93555	19.337 ug/l	99
23) tert-Butyl Alcohol	4.82	59	29505	114.840 ug/l	# 100
24) Methyl tert-Butyl Ether	5.06	73	220631	20.550 ug/l	# 63
25) Chloroform	7.37	83	161084	19.738 ug/l	98
26) Cyclohexane	7.65	56	147444	18.651 ug/l	# 99
29) 1,1-Dichloropropene	7.79	75	120271	20.014 ug/l	98
30) 2-Butanone	6.85	43	202173	101.351 ug/l	100
31) 2,2-Dichloropropane	6.82	77	105832	19.134 ug/l	# 100
32) 1,1,1-Trichloroethane	7.57	97	127585	20.086 ug/l	98
33) Carbon Tetrachloride	7.77	117	106044	19.283 ug/l	98
34) Benzene	8.04	78	355489	19.962 ug/l	98
35) Methacrylonitrile	7.18	41	46820	19.914 ug/l	93
36) 1,2-Dichloroethane	8.12	62	127104	20.883 ug/l	100
37) Trichloroethene	8.83	130	89154	19.638 ug/l	95
38) Methylcyclohexane	9.08	83	133244	19.120 ug/l	98
39) 1,2-Dichloropropane	9.12	63	103290	21.005 ug/l	100
40) Dibromomethane	9.21	93	55972	20.138 ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	114825	20.017	ug/l	96
42) Vinyl Acetate	5.90	43	1037202	102.850	ug/l	100
43) Ethyl Acetate	6.94	43	83763	20.612	ug/l	99
44) Isopropyl Acetate	8.17	43	146996	21.344	ug/l	95
45) 1,4-Dioxane	9.20	88	17239	451.828	ug/l	94
46) Methyl methacrylate	9.20	41	73803	20.716	ug/l	99
47) n-amyl Acetate	12.07	43	104387	20.579	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	98949	18.784	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	125255	19.261	ug/l	96
50) 1,1,2-Trichloroethane	10.56	97	77146	20.436	ug/l	99
51) Ethyl methacrylate	10.43	69	89212	19.825	ug/l	95
52) 1,3-Dichloropropane	10.71	76	137738	20.822	ug/l	99
53) Dibromochloromethane	10.90	129	75319	19.369	ug/l	98
54) 1,2-Dibromoethane	11.01	107	70676	19.942	ug/l	96
55) 2-Chloroethyl vinyl ether	9.70	63	195787	104.070	ug/l	99
56) Bromoform	12.13	173	45490	18.618	ug/l #	97
58) 4-Methyl-2-Pentanone	9.99	43	423744	110.509	ug/l	100
59) 2-Hexanone	10.75	43	259375	106.478	ug/l	99
61) Tetrachloroethene	10.63	164	85519	19.763	ug/l	96
62) Toluene	10.16	91	373361	20.379	ug/l	99
64) Chlorobenzene	11.43	112	225300	20.370	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	78735	20.015	ug/l	96
66) Ethyl Benzene	11.51	91	394497	20.087	ug/l	99
67) m/p-Xylenes	11.62	106	297814	40.796	ug/l	99
68) o-Xylene	11.95	106	149434	20.714	ug/l	97
69) Styrene	11.96	104	222381	19.851	ug/l	99
70) Isopropylbenzene	12.25	105	392525	20.350	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	96601	21.897	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	111729	30.667	ug/l	56
73) Bromobenzene	12.53	156	91531	20.077	ug/l	98
74) n-propylbenzene	12.59	91	425547	19.707	ug/l	99
75) 2-Chlorotoluene	12.67	91	266009	20.425	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	318315	20.413	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	18123	19.734	ug/l	94
78) 4-Chlorotoluene	12.77	91	246193	19.840	ug/l	100
79) tert-butylbenzene	12.99	119	282923	20.968	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	309839	20.226	ug/l	99
81) sec-Butylbenzene	13.17	105	364562	20.221	ug/l	100
82) p-Isopropyltoluene	13.29	119	296826	19.508	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	151606	19.877	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	141194	19.481	ug/l	99
85) n-Butylbenzene	13.61	91	218899	18.060	ug/l	98
86) Hexachloroethane	13.87	117	46187	18.962	ug/l	100
87) 1,2-Dichlorobenzene	13.65	146	157610	21.101	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	12683	21.631	ug/l	94
89) 1,2,4-Trichlorobenzene	14.91	180	58591	17.546	ug/l	97
90) Hexachlorobutadiene	15.01	225	48574	19.951	ug/l	97
91) Naphthalene	15.13	128	127484	18.232	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	62530	18.723	ug/l	99

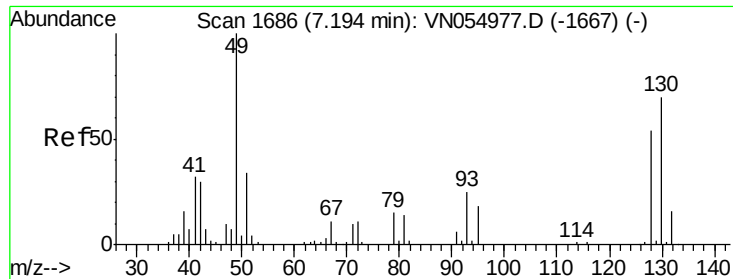
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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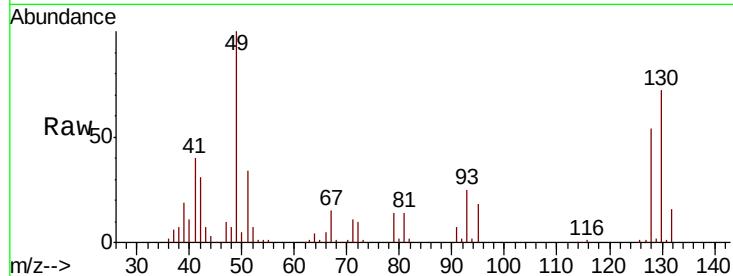
(#) = qualifier out of range (m) = manual integration (+) = signals summed



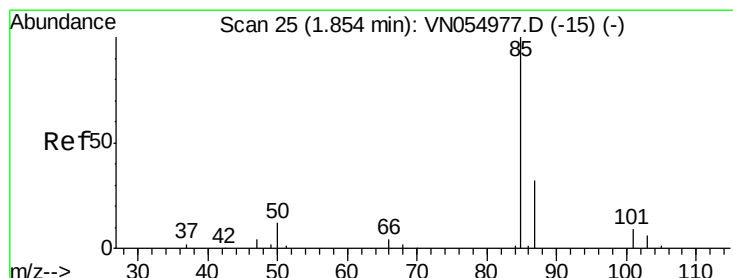
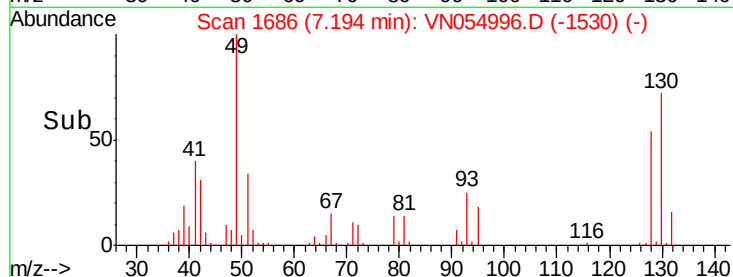
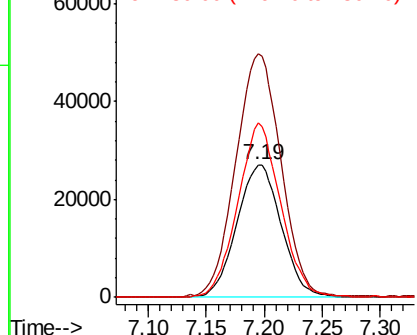
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 72062
Ion Ratio Lower Upper
128 100
49 186.5 0.0 480.3
130 126.9 0.0 322.2

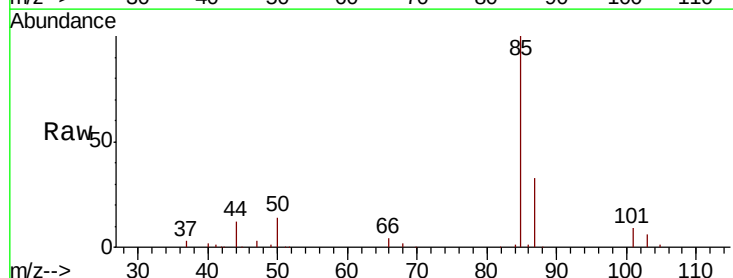


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

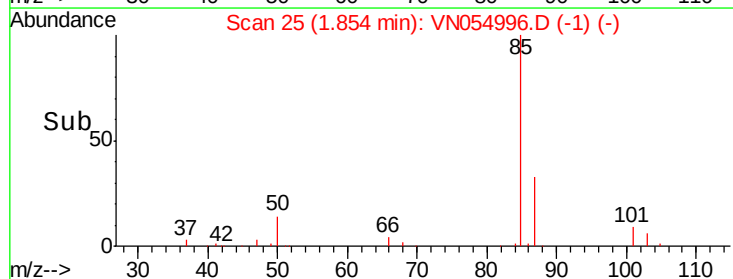
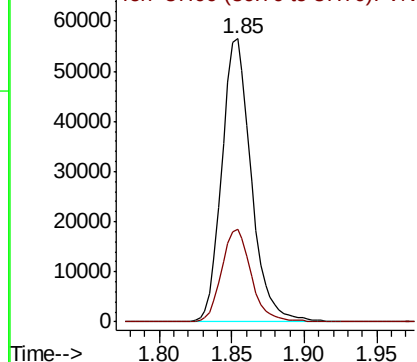


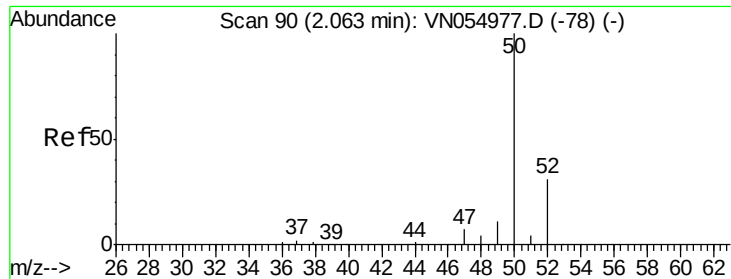
#2
Dichlorodifluoromethane
Concen: 18.781 ug/l
RT: 1.85 min Scan# 25
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion: 85 Resp: 79600
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 19.377 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

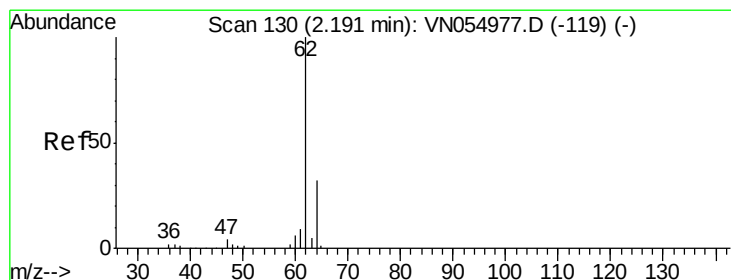
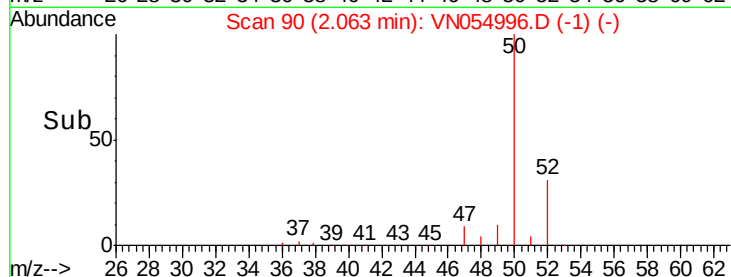
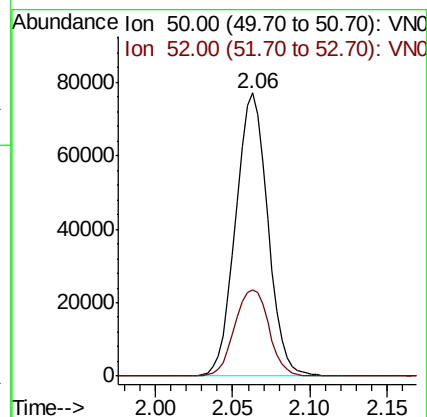
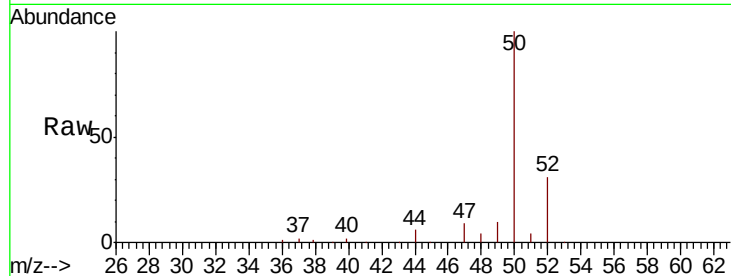
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 110940

Ion Ratio Lower Upper

50 100

52 30.7 24.5 36.7



#4

Vinyl Chloride

Concen: 18.861 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054996.D

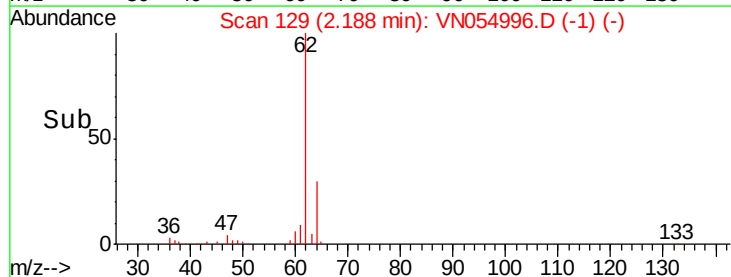
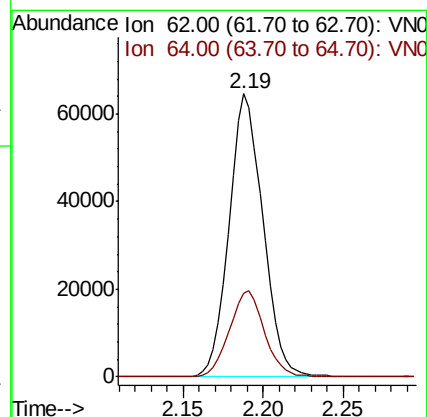
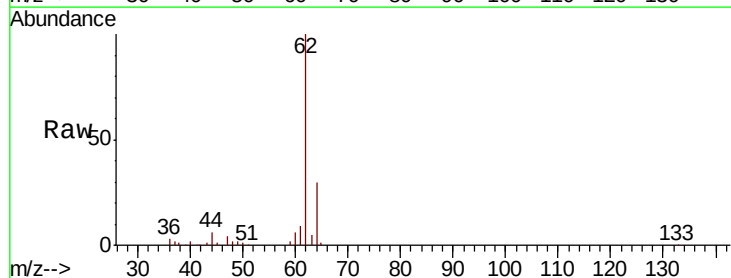
Acq: 12 Apr 2019 13:28

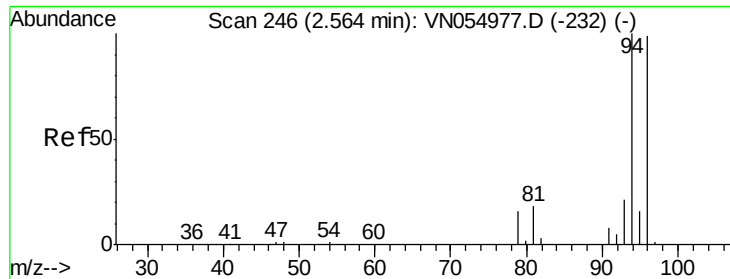
Tgt Ion: 62 Resp: 93382

Ion Ratio Lower Upper

62 100

64 29.5 25.6 38.4

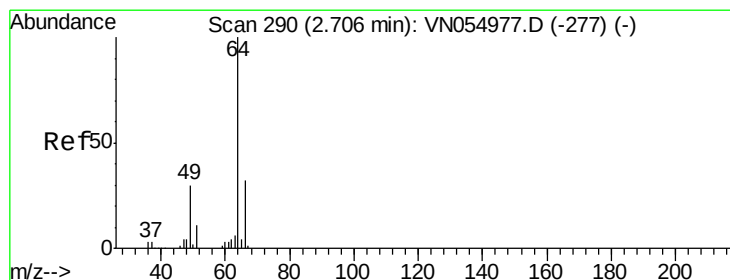
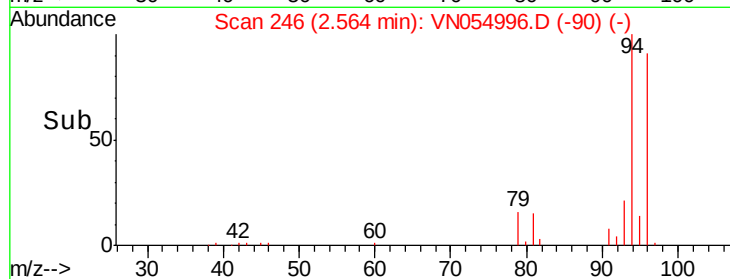
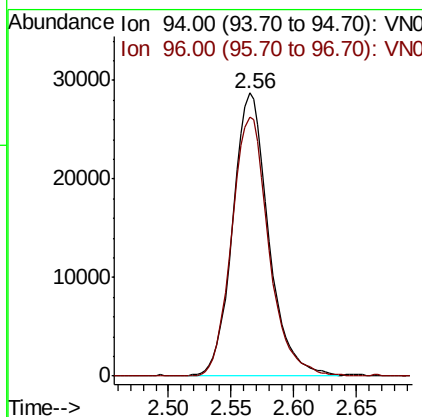
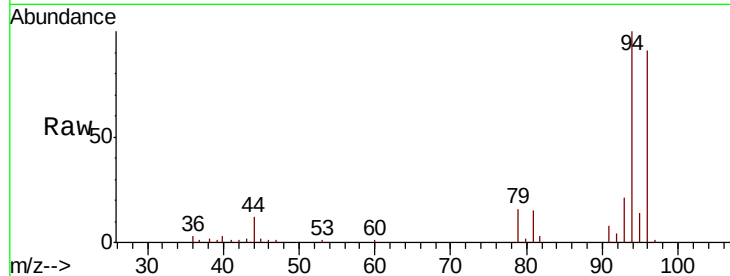




#5
Bromomethane
Concen: 19.982 ug/l
RT: 2.56 min Scan# 246
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

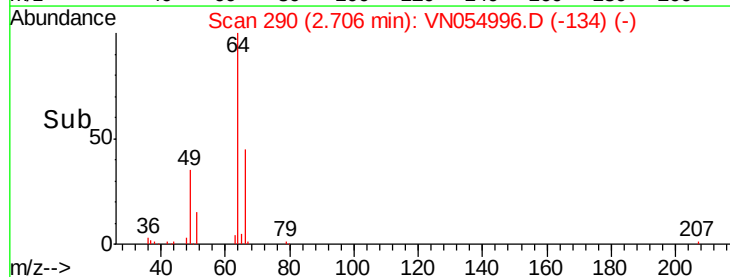
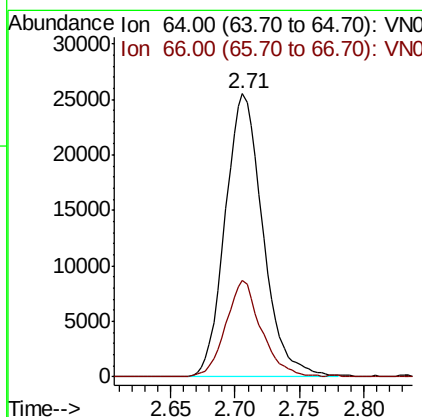
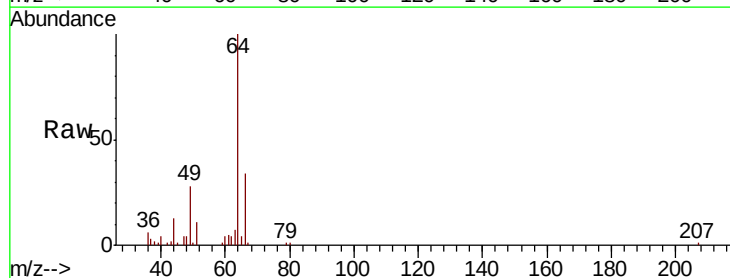
Instrument :
MSVOA_N
ClientSampleId :

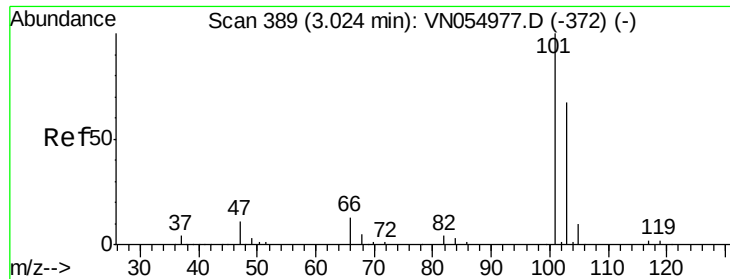
Tot Ion: 94 Resp: 57223
Ion Ratio Lower Upper
94 100
96 91.4 79.1 118.7



#6
Chloroethane
Concen: 18.719 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion: 64 Resp: 51904
Ion Ratio Lower Upper
64 100
66 34.1 25.7 38.5



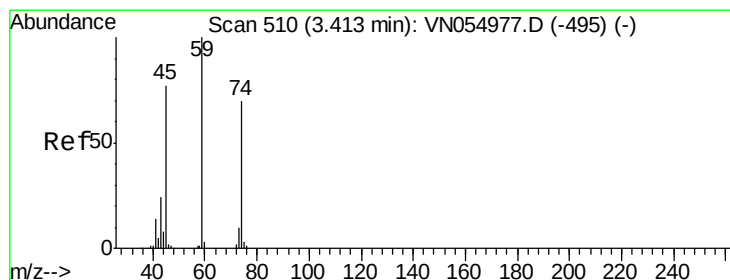
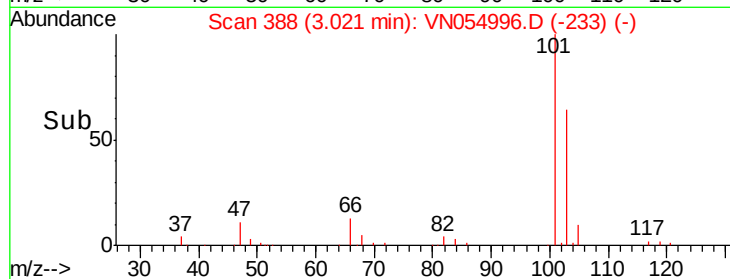
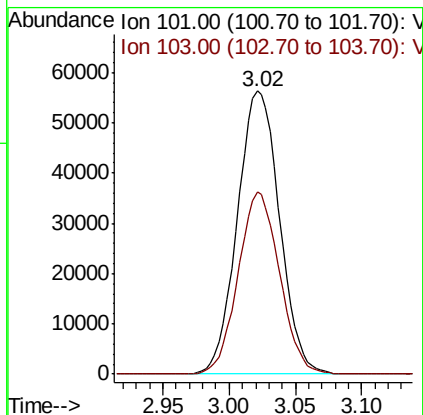
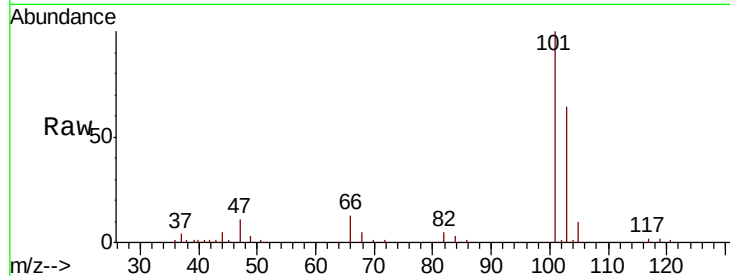


#7

Trichlorofluoromethane
Concen: 19.732 ug/l
RT: 3.02 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Instrument :
MSVOA_N
ClientSampled :

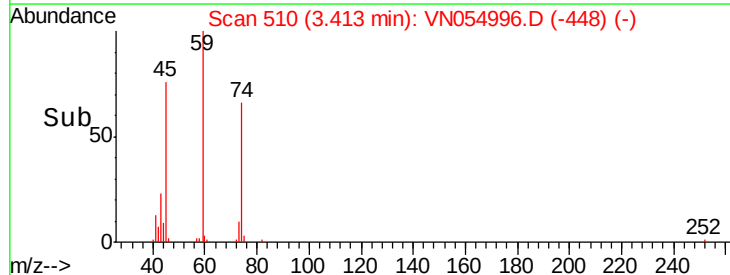
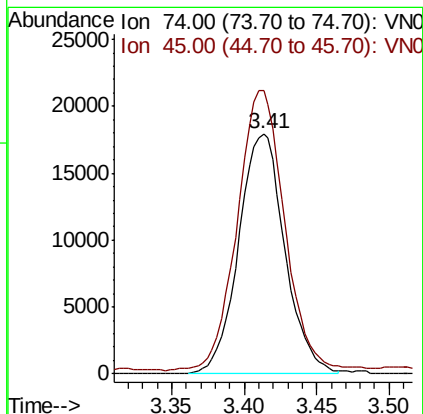
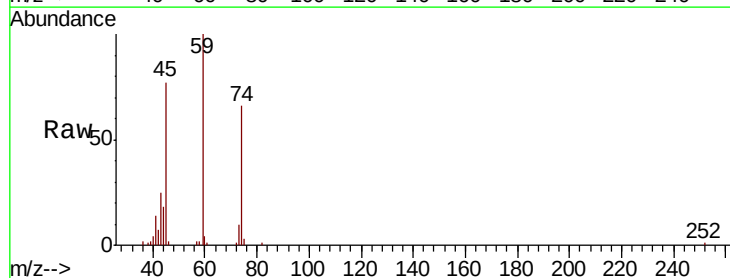
Tot Ion:101 Resp: 124836
Ion Ratio Lower Upper
101 100
103 64.3 53.4 80.0

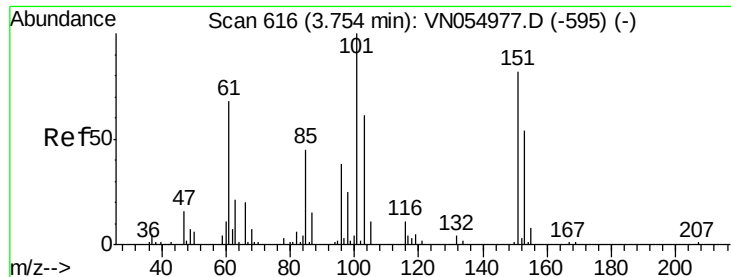


#8

Diethyl Ether
Concen: 19.585 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion: 74 Resp: 39784
Ion Ratio Lower Upper
74 100
45 118.8 22.9 205.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.430 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

Instrument :

MSVOA_N

ClientSampled :

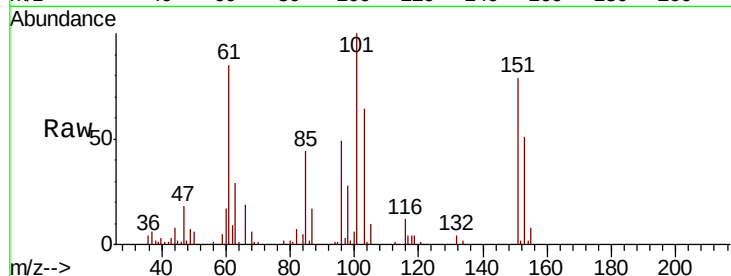
Tot Ion:101 Resp: 67198

Ion Ratio Lower Upper

101 100

85 44.9 0.0 91.4

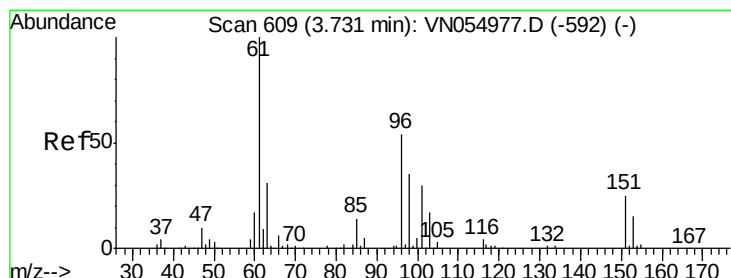
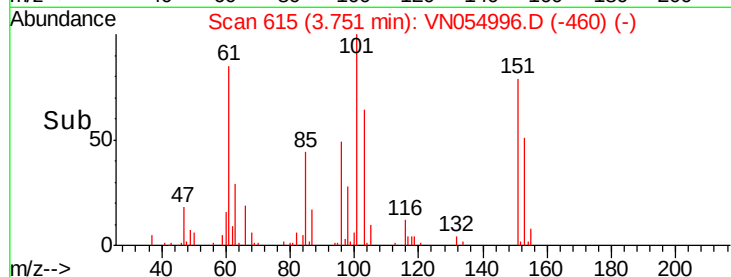
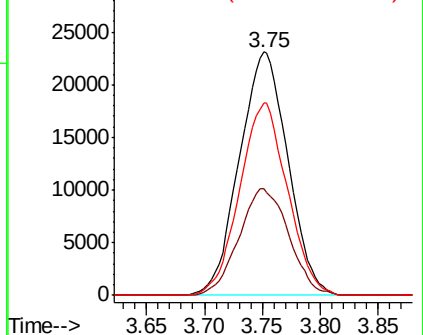
151 78.0 0.0 165.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.778 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

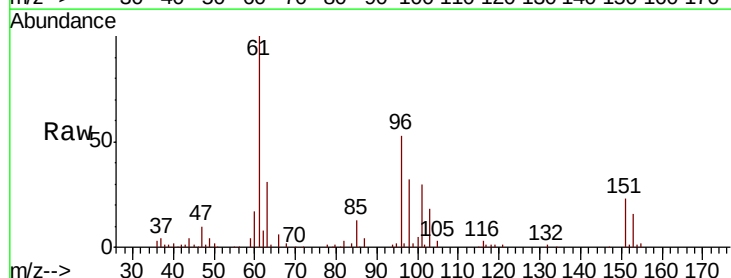
Tgt Ion: 96 Resp: 60041

Ion Ratio Lower Upper

96 100

61 186.7 148.4 222.6

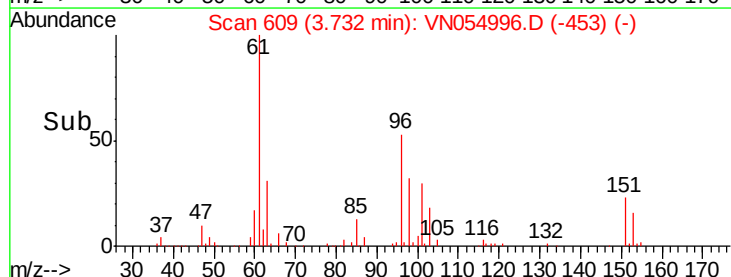
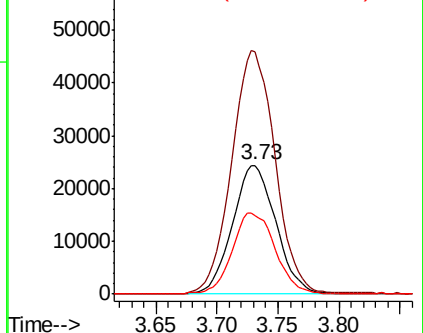
98 60.8 52.2 78.2

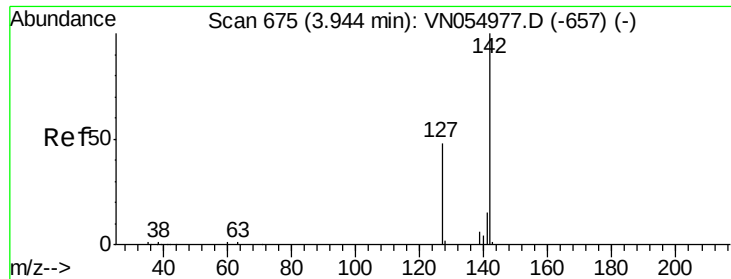


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

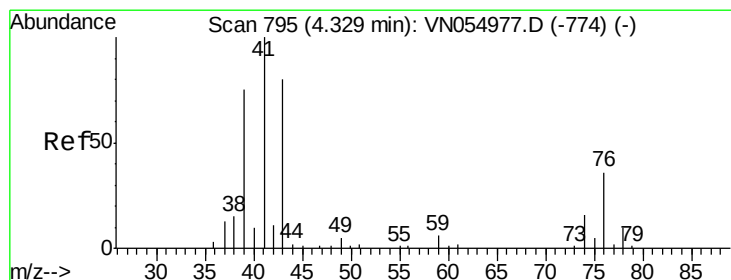
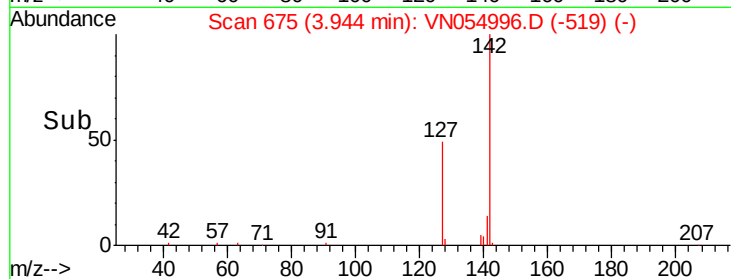
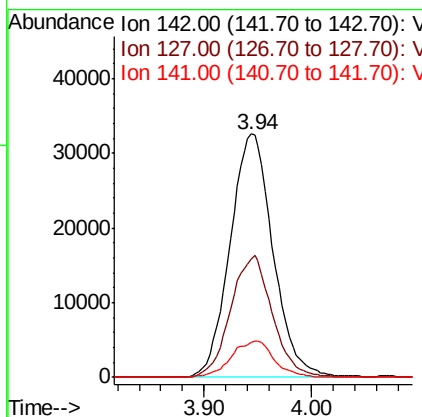
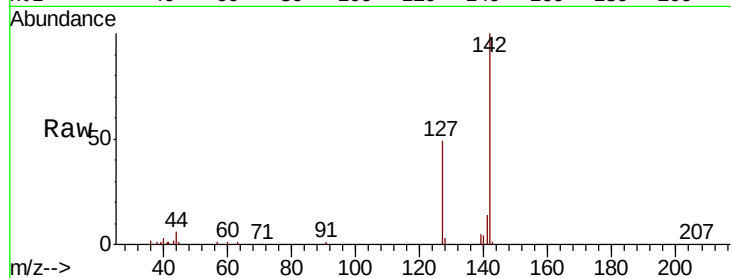




#11
Methvl Iodide
Concen: 18.641 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

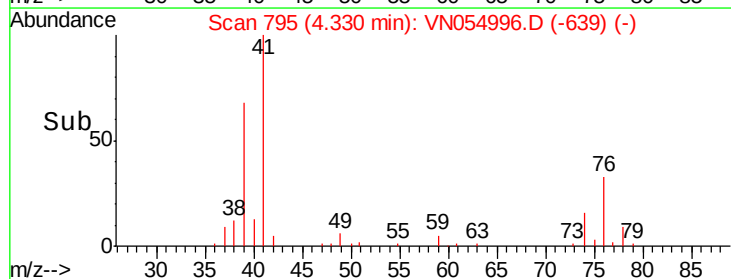
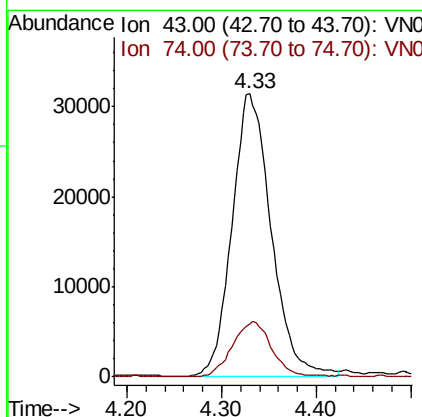
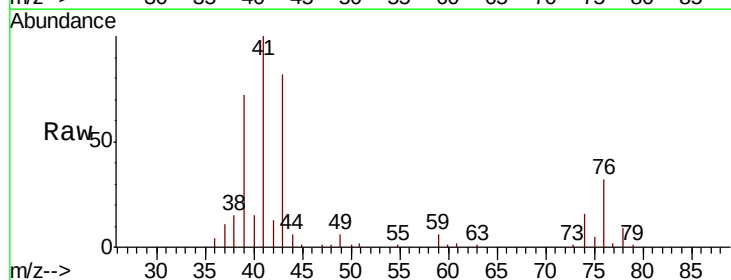
Instrument :
MSVOA_N
ClientSampled :

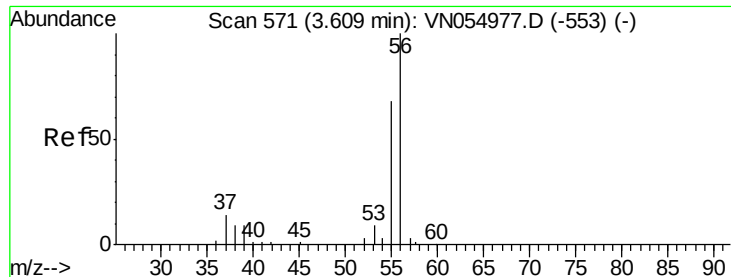
Tot Ion:142 Resp: 90198
Ion Ratio Lower Upper
142 100
127 48.8 23.8 71.5
141 14.4 7.3 22.0



#12
Methyl Acetate
Concen: 23.111 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion: 43 Resp: 90895
Ion Ratio Lower Upper
43 100
74 18.8 16.2 24.4





#13

Acrolein

Concen: 93.363 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

Instrument :

MSVOA_N

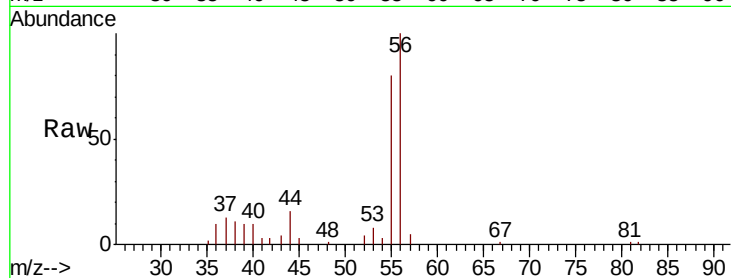
ClientSampled :

Tot Ion: 56 Resp: 32181

Ion Ratio Lower Upper

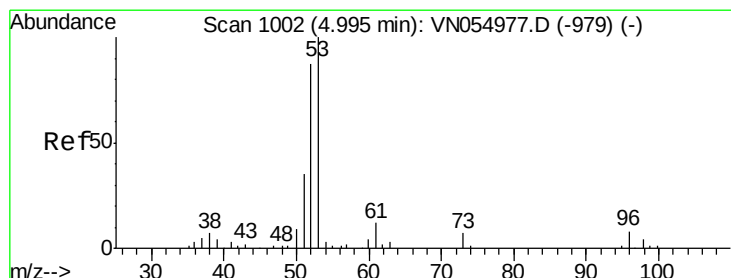
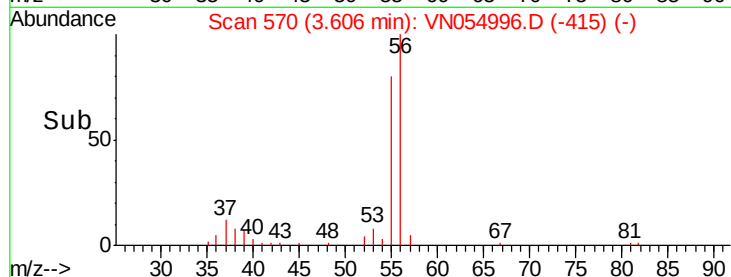
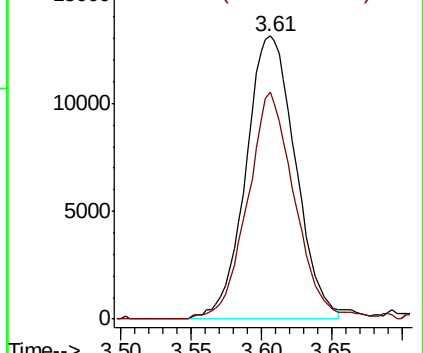
56 100

55 73.3 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: 103.906 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

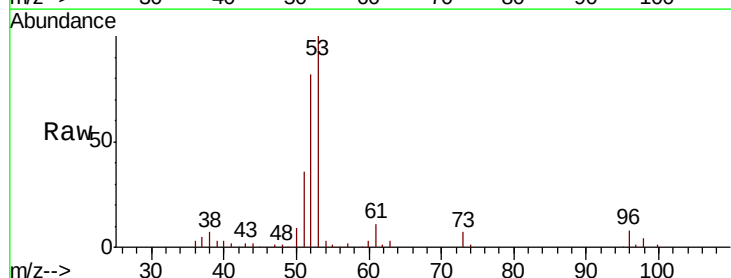
Tgt Ion: 53 Resp: 167424

Ion Ratio Lower Upper

53 100

52 83.4 42.3 126.8

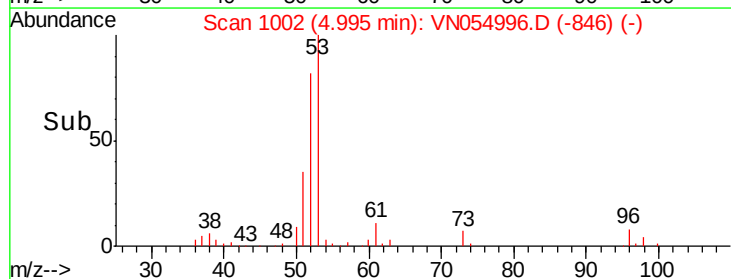
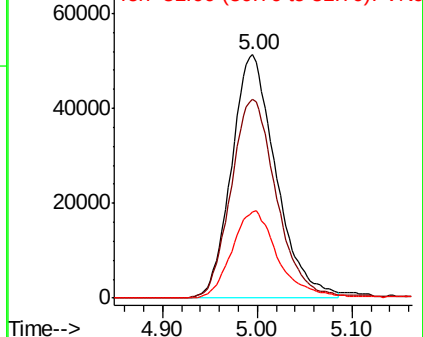
51 37.2 18.6 56.0

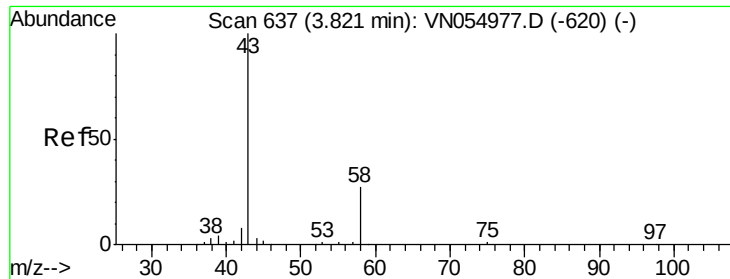


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 87.620 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

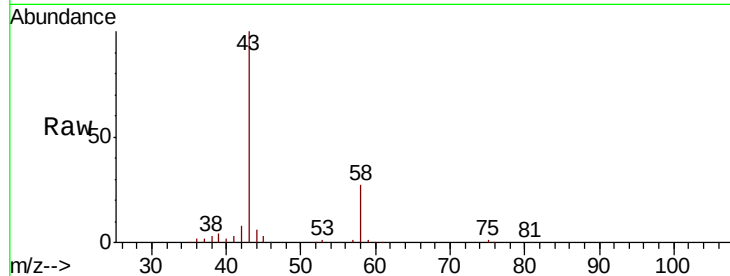
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 58 Resp: 34936

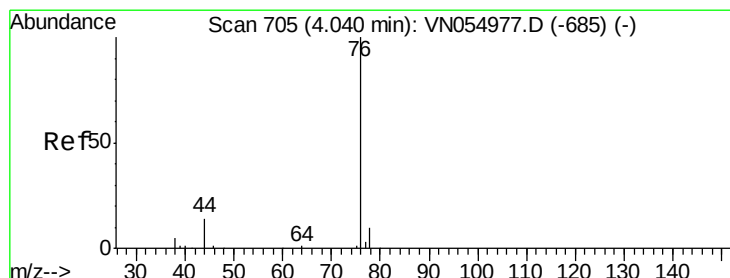
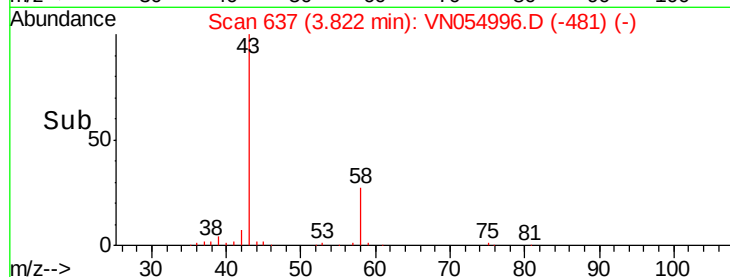
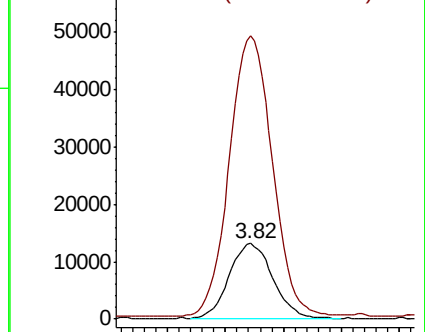
Ion Ratio Lower Upper

58 100

43 371.1 297.2 445.8



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



#16

Carbon Disulfide

Concen: 18.245 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN054996.D

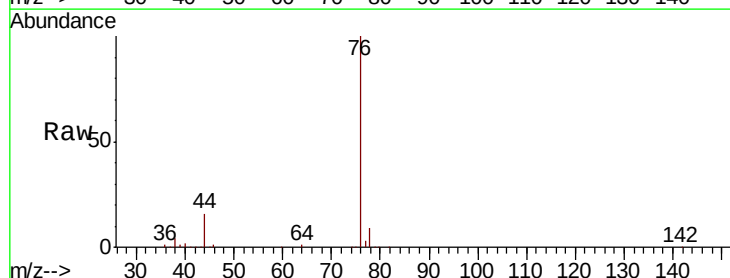
Acq: 12 Apr 2019 13:28

Tgt Ion: 76 Resp: 195686

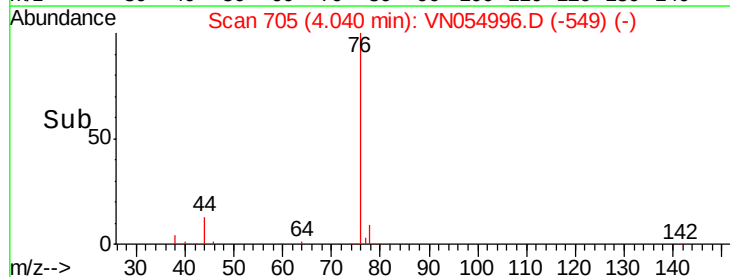
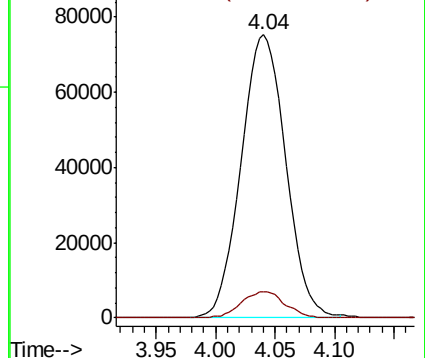
Ion Ratio Lower Upper

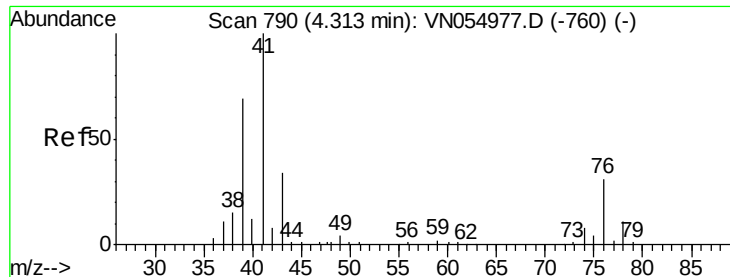
76 100

78 9.2 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VN0
Ion 78.00 (77.70 to 78.70): VN0

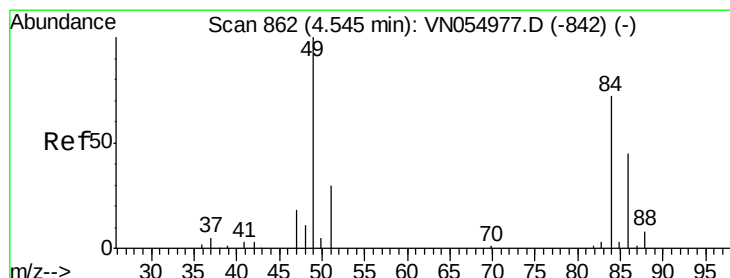
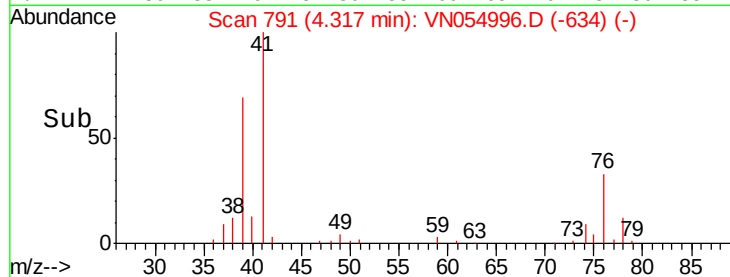
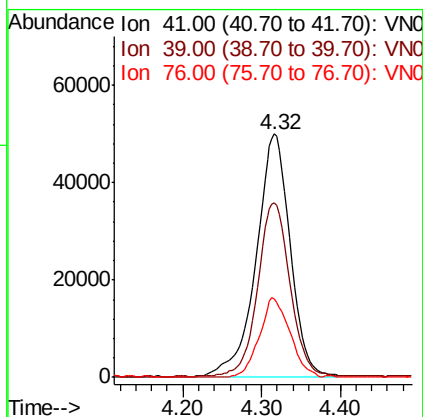
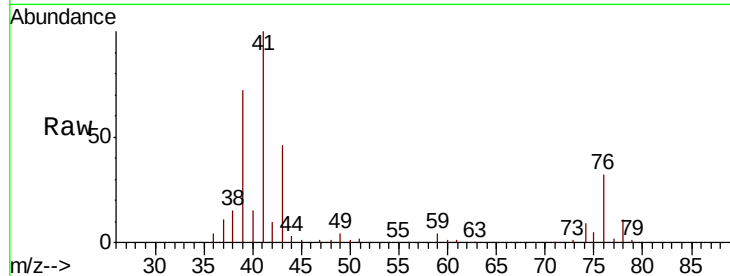




#17
Allvl chloride
Concen: 19.520 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

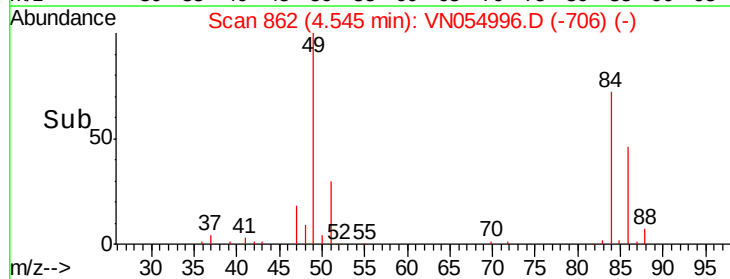
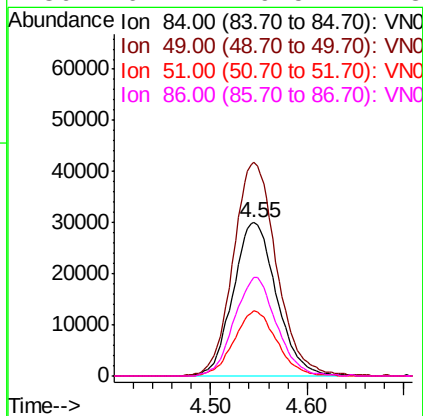
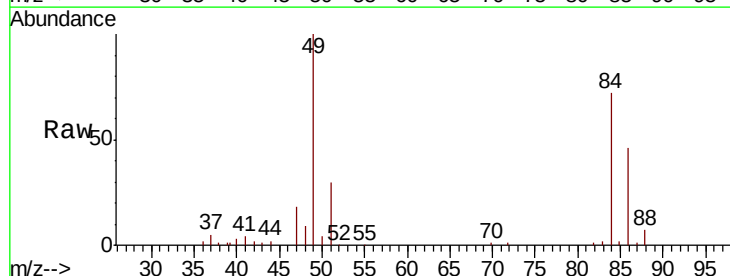
Instrument :
MSVOA_N
ClientSampleId :

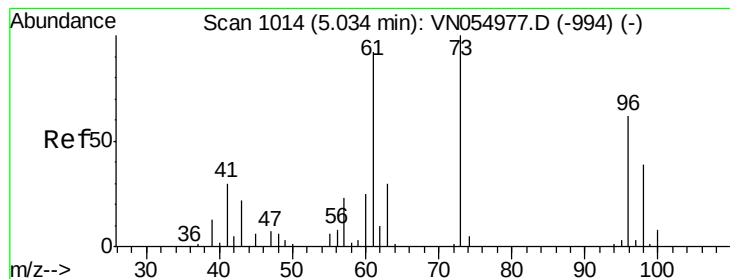
Tot Ion: 41 Resp: 153706
Ion Ratio Lower Upper
41 100
39 71.5 34.3 102.9
76 32.3 15.8 47.3



#18
Methylene Chloride
Concen: 19.787 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion: 84 Resp: 93523
Ion Ratio Lower Upper
84 100
49 138.8 111.0 166.4
51 42.3 33.4 50.2
86 64.1 49.5 74.3





#19

trans-1,2-Dichloroethene

Concen: 19.602 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

Instrument :

MSVOA_N

ClientSampleId :

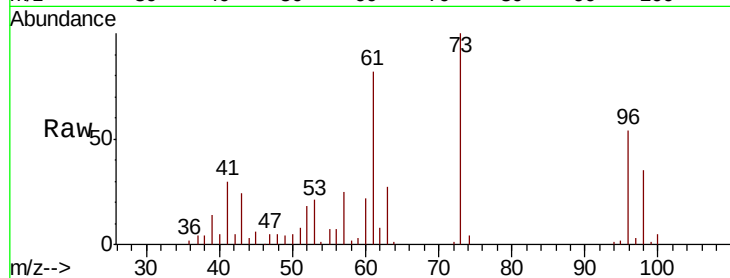
Tot Ion: 96 Resp: 81589

Ion Ratio Lower Upper

96 100

61 150.9 117.2 175.8

98 64.1 49.4 74.2

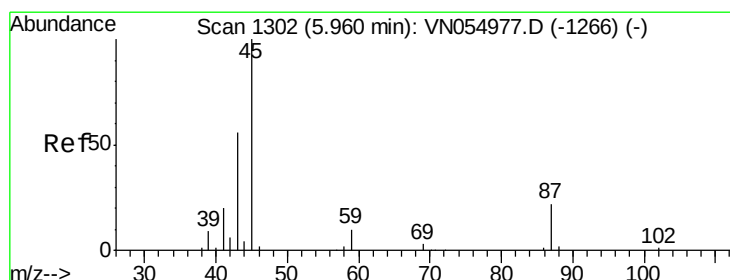
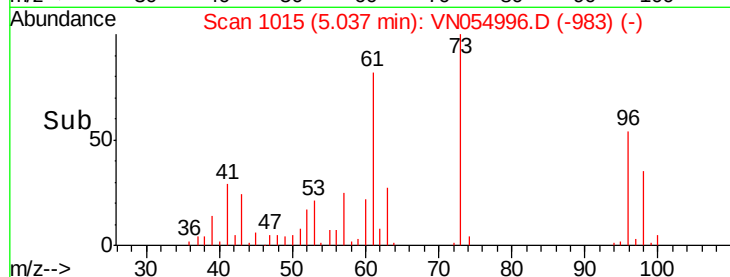
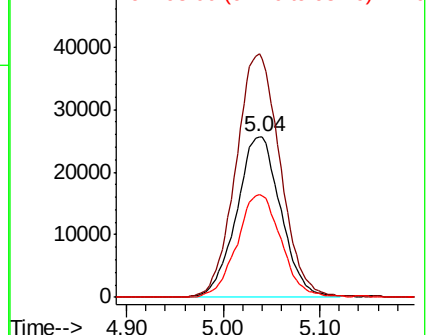


Abundance

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: 19.697 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

Tgt Ion: 45 Resp: 314204

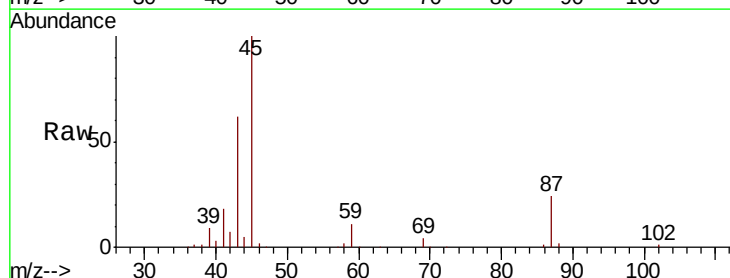
Ion Ratio Lower Upper

45 100

43 59.8 45.8 68.8

87 23.2 18.2 27.4

59 10.5 8.2 12.2



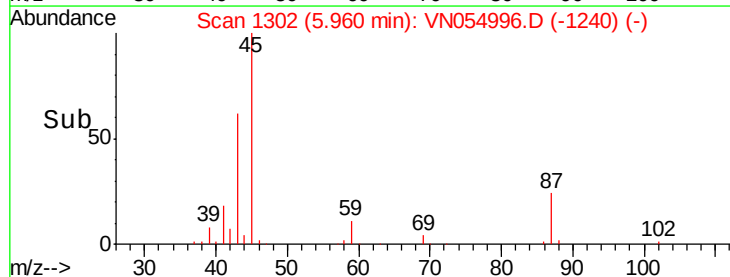
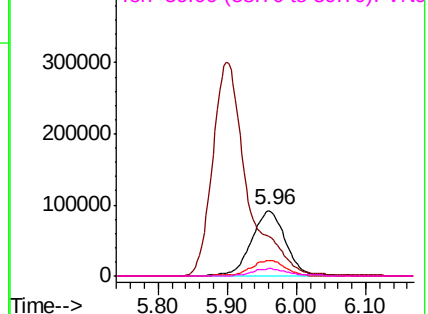
Abundance

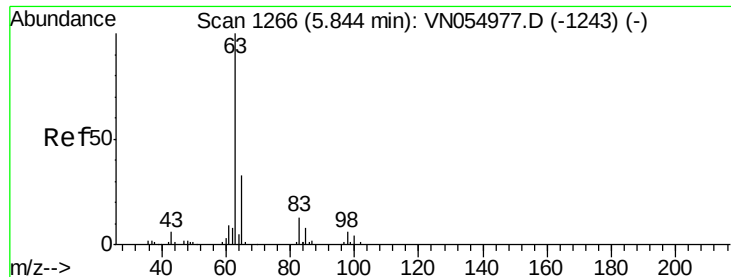
Ion 45.00 (44.70 to 45.70): VN0

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: 19.760 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

Instrument :

MSVOA_N

ClientSampleId :

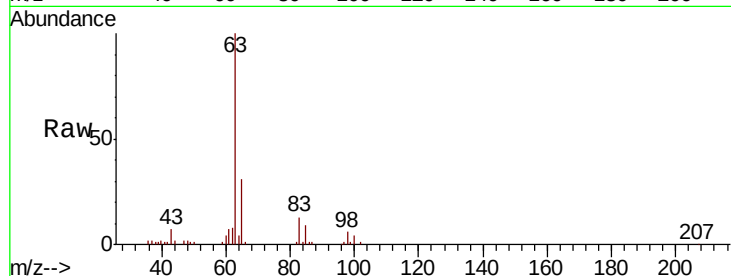
Tot Ion: 63 Resp: 168357

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.7

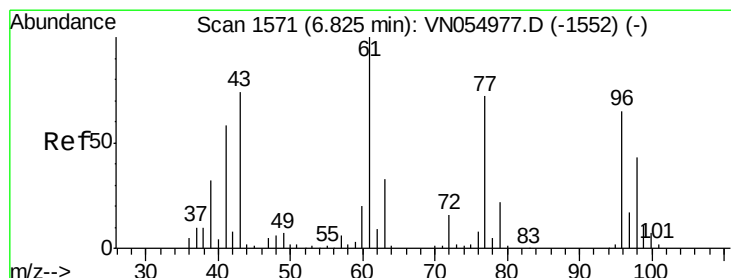
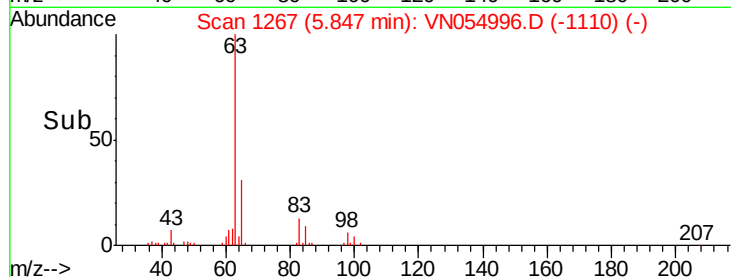
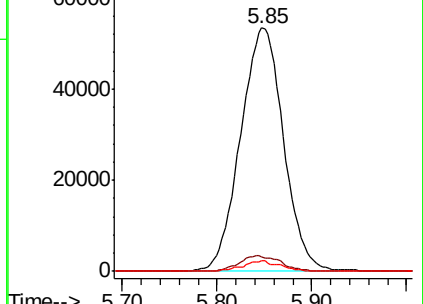
100 4.2 2.0 5.8



Abundance Ion 63.00 (62.70 to 63.70): VN054977.D (-1243) (-)

Ion 98.00 (97.70 to 98.70): VN054977.D (-1243) (-)

Ion 100.00 (99.70 to 100.70): VN054977.D (-1243) (-)



#22

cis-1,2-Dichloroethene

Concen: 19.337 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

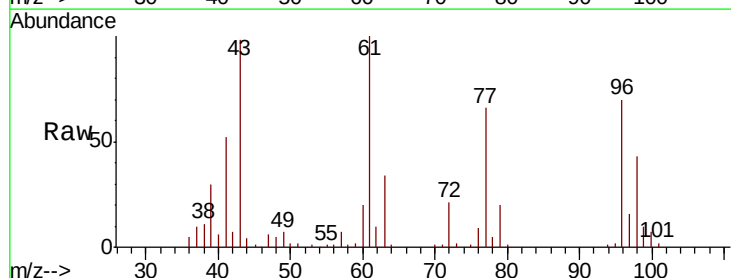
Tgt Ion: 96 Resp: 93555

Ion Ratio Lower Upper

96 100

61 155.2 125.0 187.6

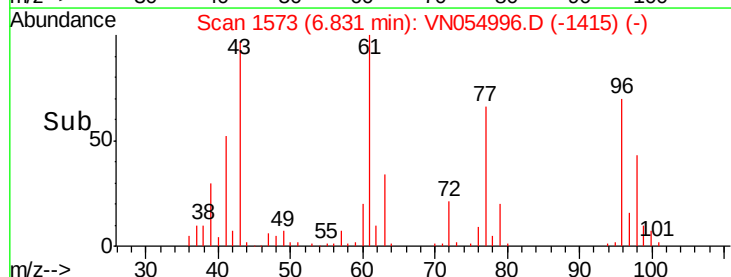
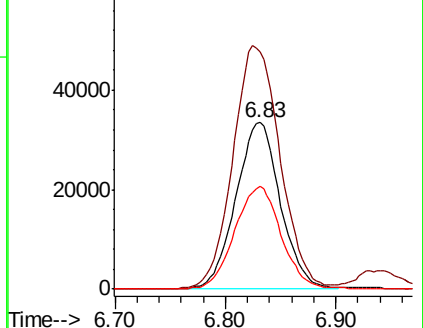
98 64.2 52.2 78.2

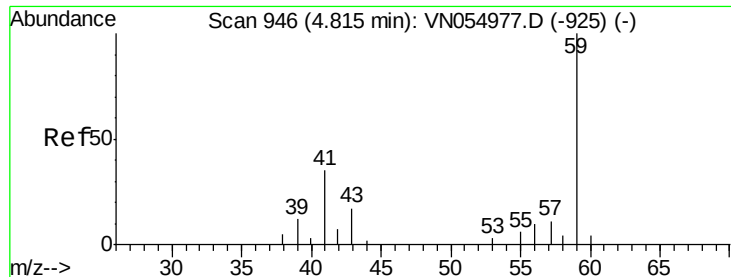


Abundance Ion 96.00 (95.70 to 96.70): VN054977.D (-1552) (-)

Ion 61.00 (60.70 to 61.70): VN054977.D (-1552) (-)

Ion 98.00 (97.70 to 98.70): VN054977.D (-1552) (-)

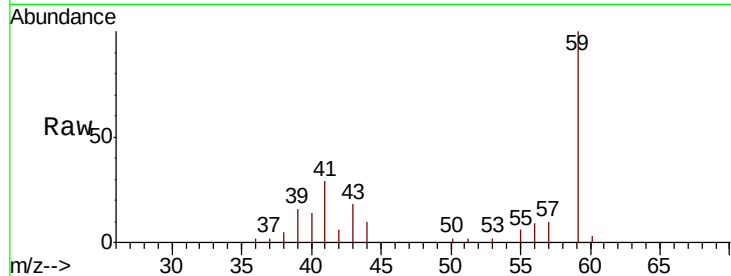




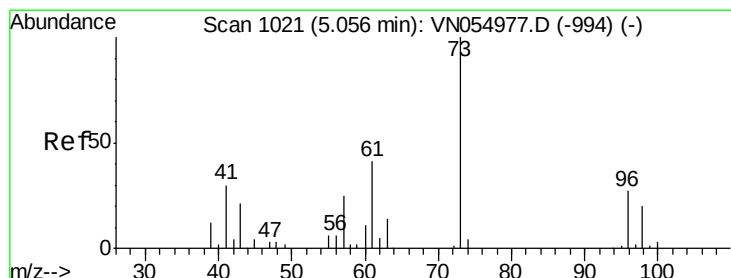
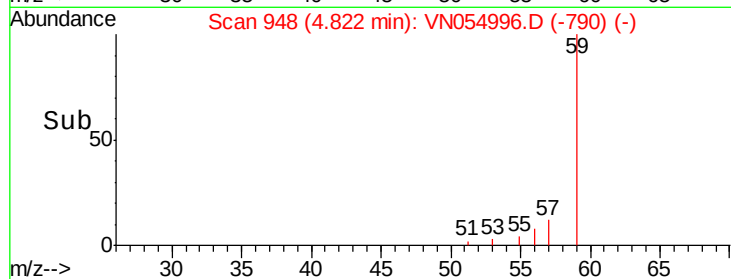
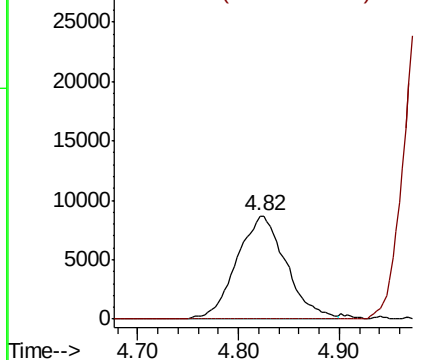
#23
tert-Butyl Alcohol
Concen: 114.840 ug/l
RT: 4.82 min Scan# 948
Delta R.T. 0.01 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 59 Resp: 29505
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

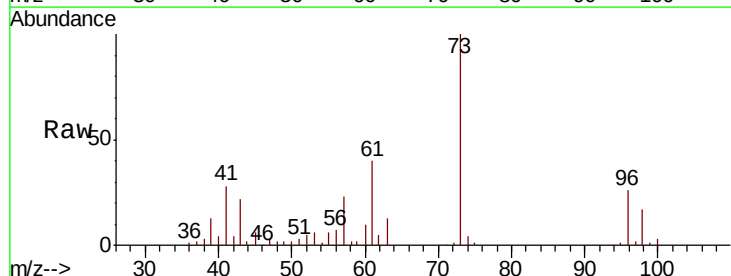


Abundance Ion 59.00 (58.70 to 59.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

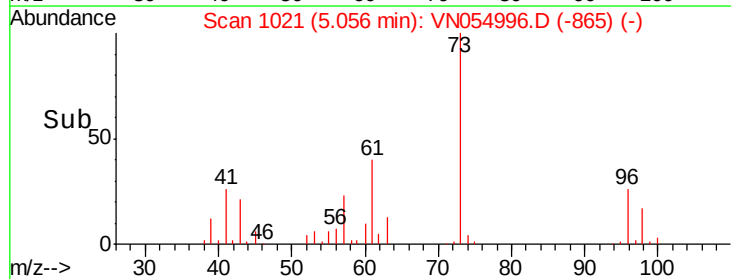
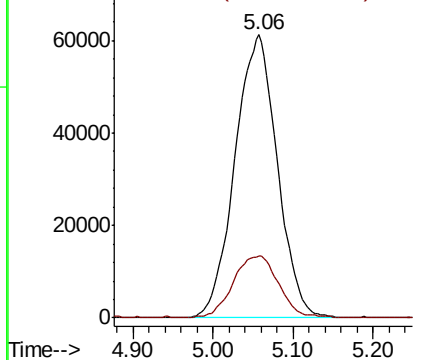


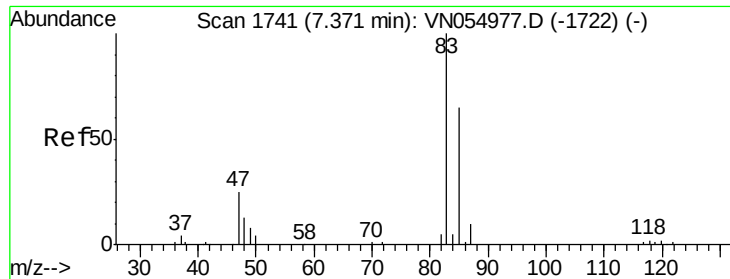
#24
Methyl tert-Butyl Ether
Concen: 20.550 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion: 73 Resp: 220631
Ion Ratio Lower Upper
73 100
43 23.8 8.0 12.0#



Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 43.00 (42.70 to 43.70): VN0

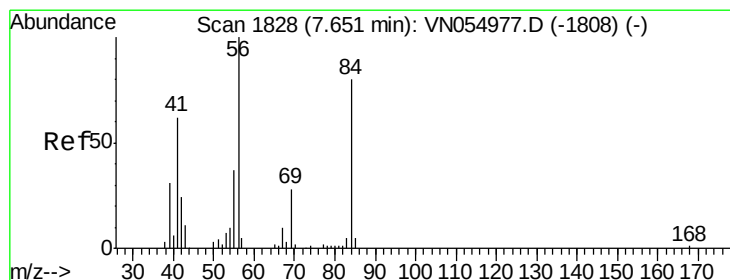
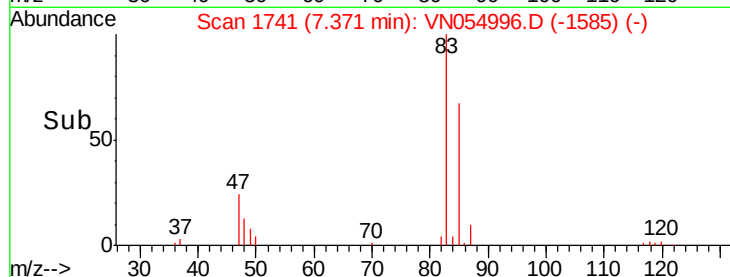
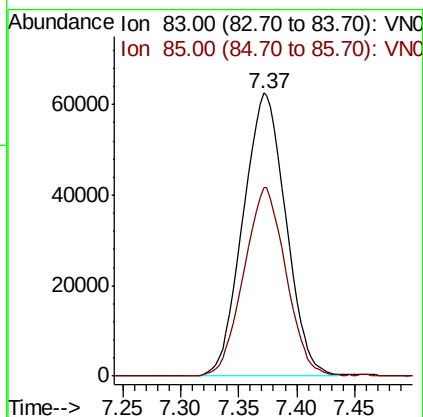
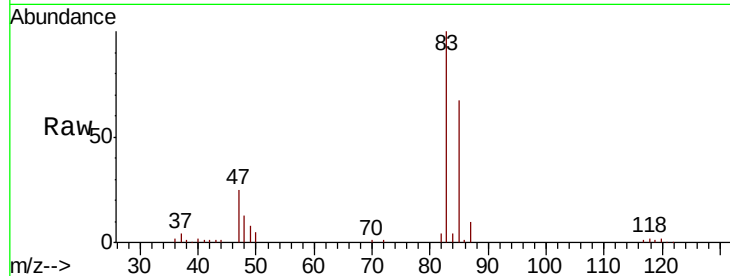




#25
Chloroform
Concen: 19.738 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

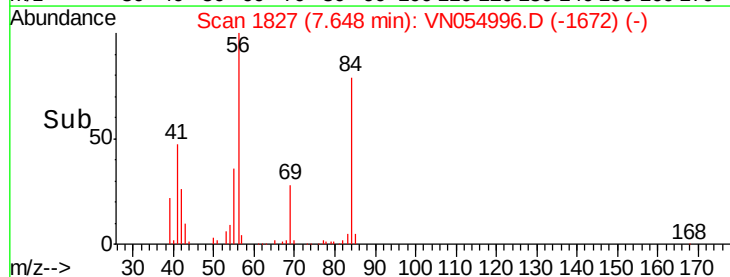
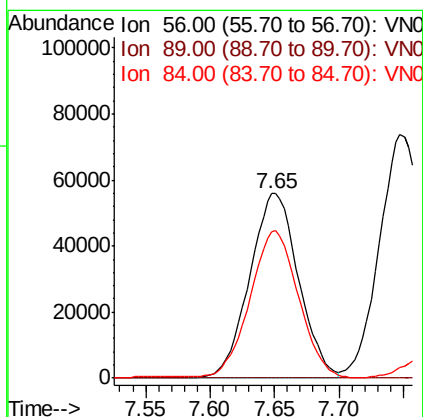
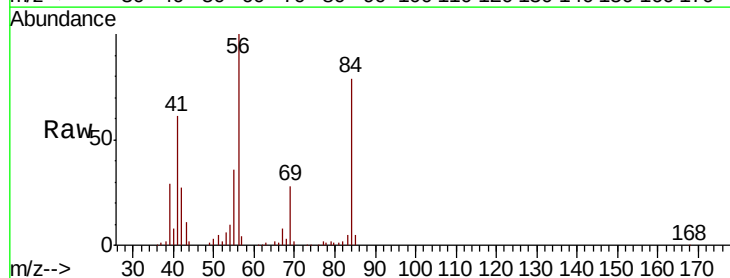
Instrument :
MSVOA_N
ClientSampled :

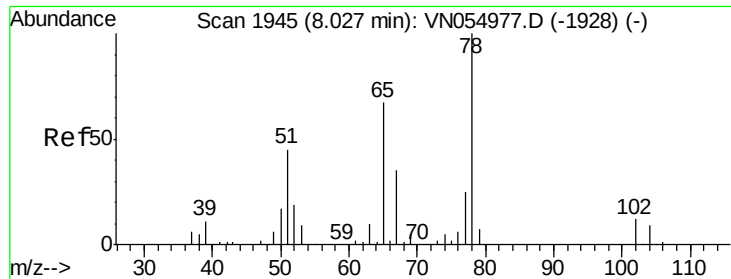
Tot Ion: 83 Resp: 161084
Ion Ratio Lower Upper
83 100
85 66.5 51.8 77.8



#26
Cyclohexane
Concen: 18.651 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion: 56 Resp: 147444
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 78.7 63.5 95.3

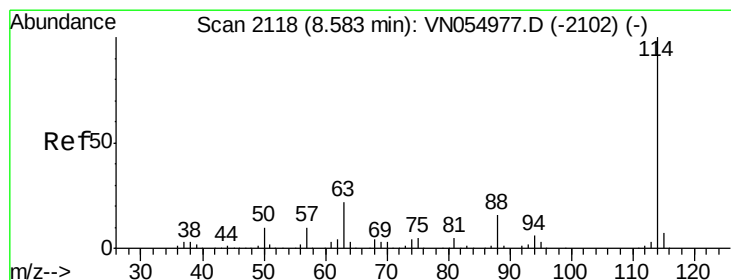
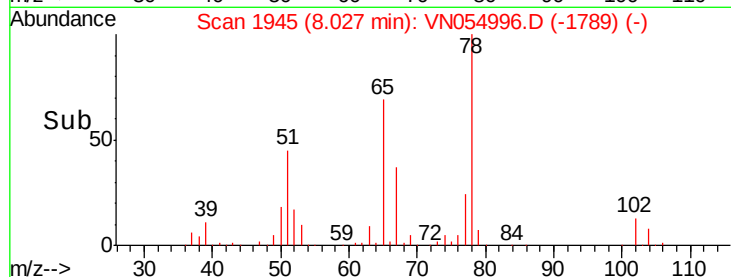
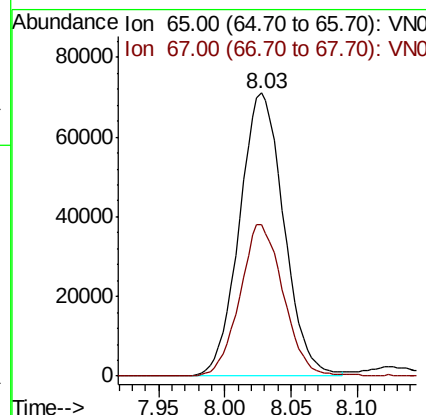
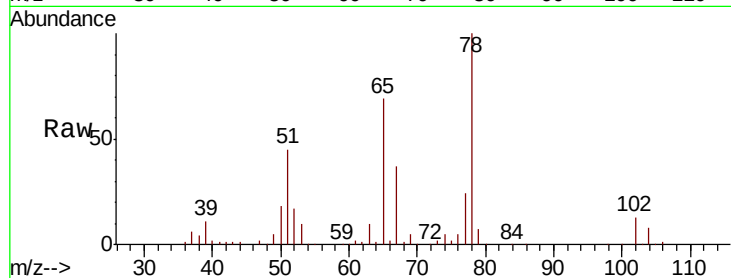




#27
 1,2-Dichloroethane-d4
 Concen: 18.651 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

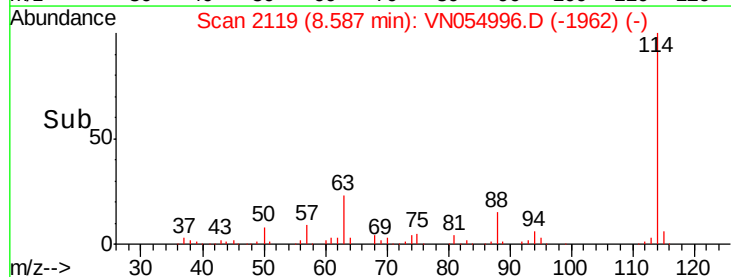
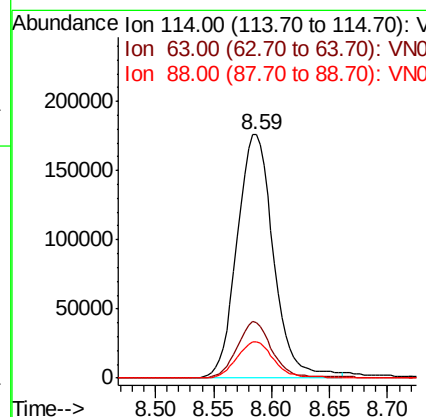
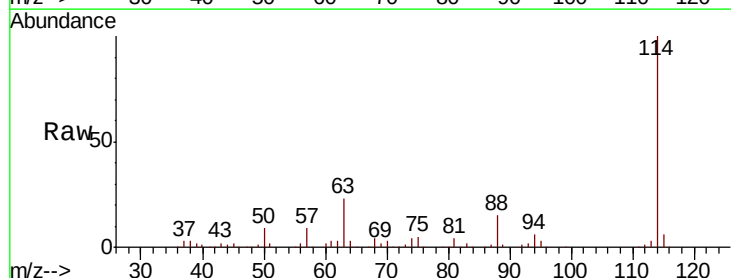
Instrument :
 MSVOA_N
 ClientSampleId :

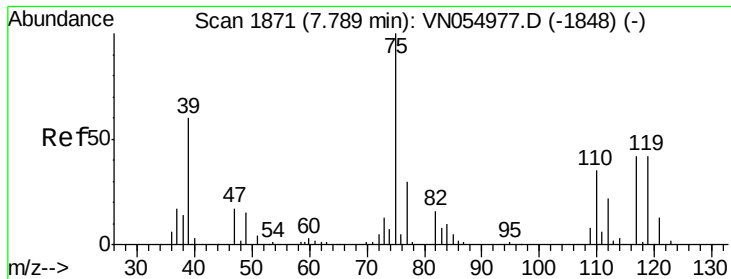
Tot Ion: 65 Resp: 165288
 Ion Ratio Lower Upper
 65 100
 67 52.3 41.8 62.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

Tgt Ion: 114 Resp: 385865
 Ion Ratio Lower Upper
 114 100
 63 22.0 17.0 25.4
 88 14.9 12.3 18.5

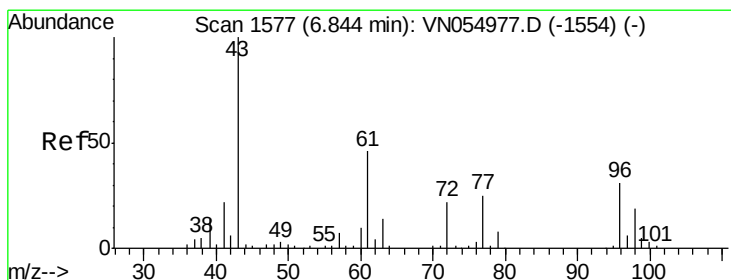
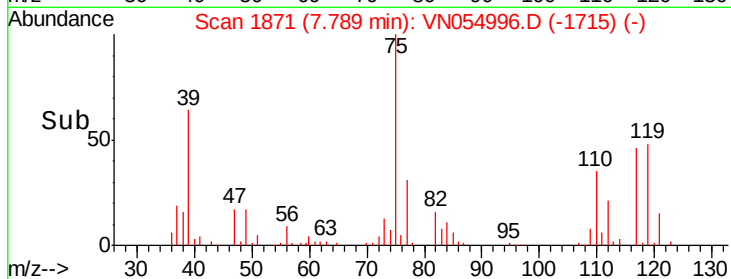
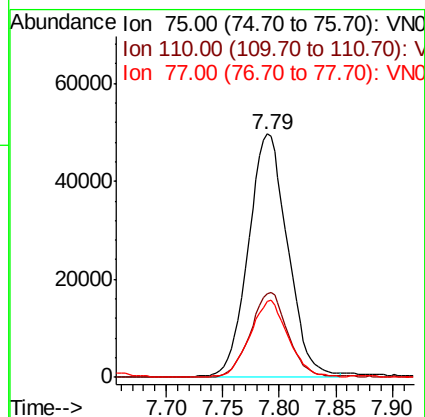
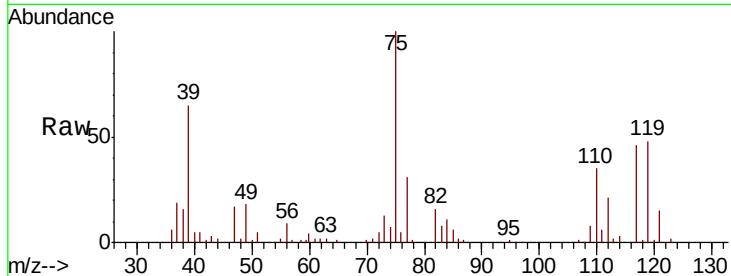




#29
 1,1-Dichloropropene
 Concen: 20.014 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

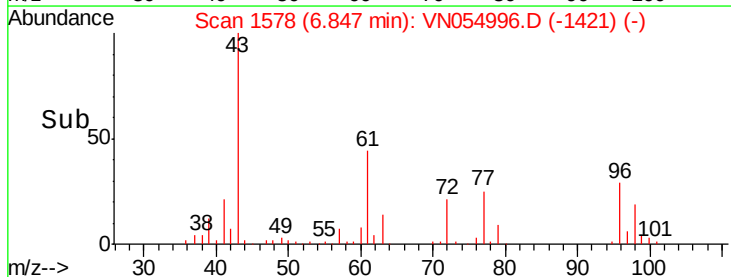
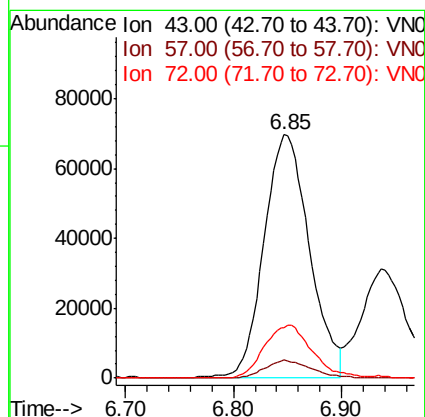
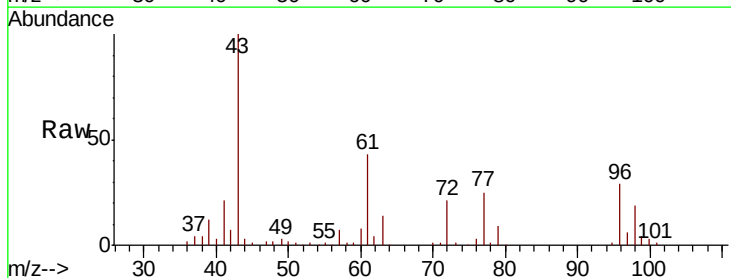
Instrument :
 MSVOA_N
 ClientSampleId :

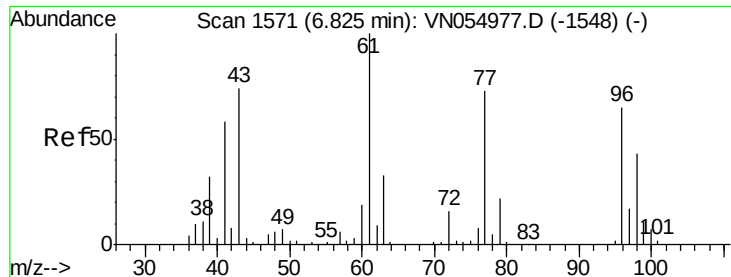
Tot Ion	Ratio	Lower	Upper
75	100		
110	33.5	0.0	68.4
77	31.0	0.0	58.6



#30
 2-Butanone
 Concen: 101.351 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.5	6.0	9.0
72	23.0	18.6	27.8

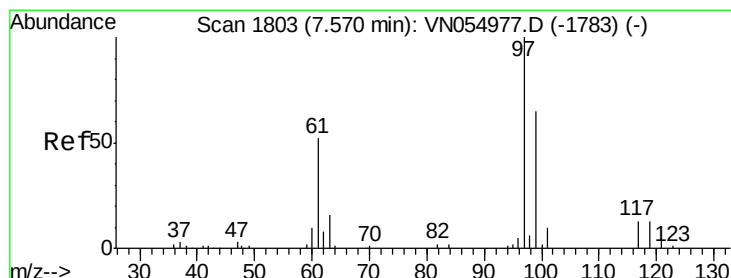
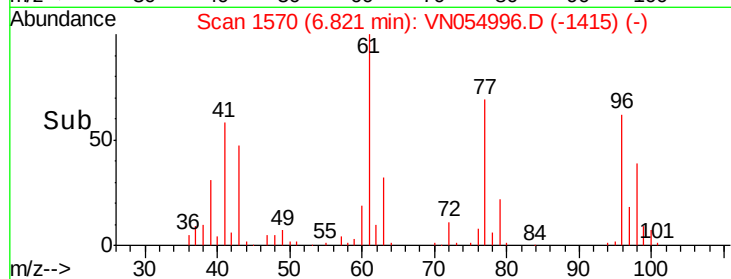
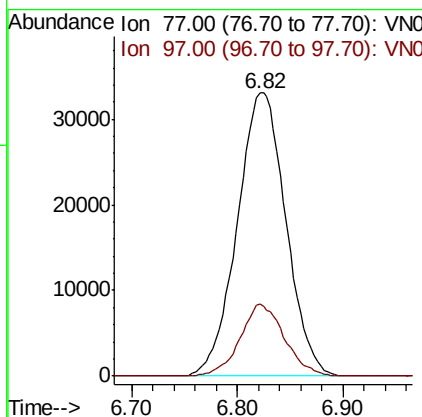
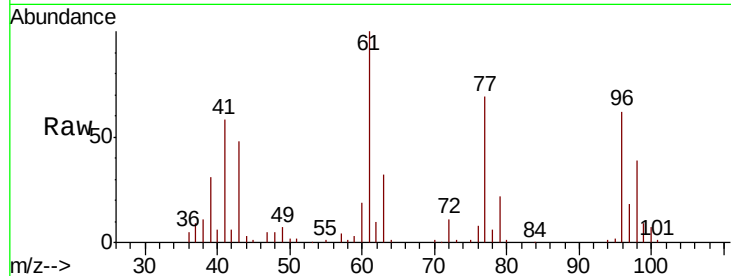




#31
 2,2-Dichloropropane
 Concen: 19.134 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

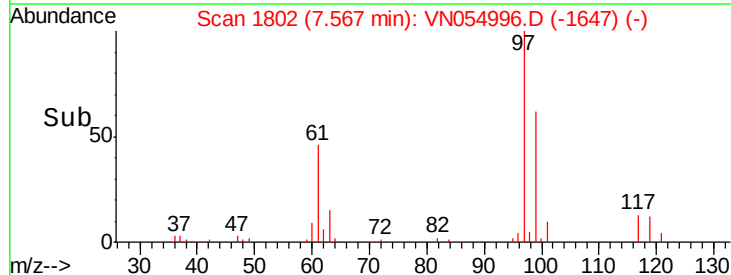
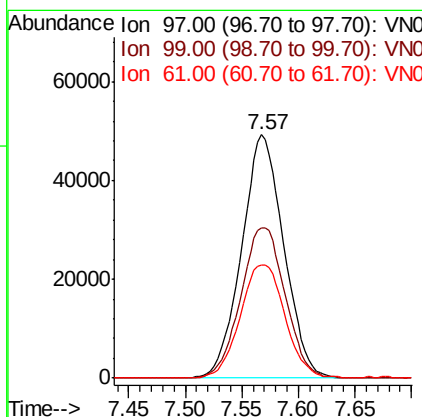
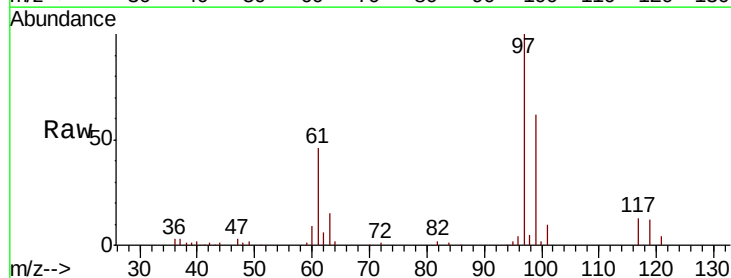
Instrument :
 MSVOA_N
 ClientSampleId :

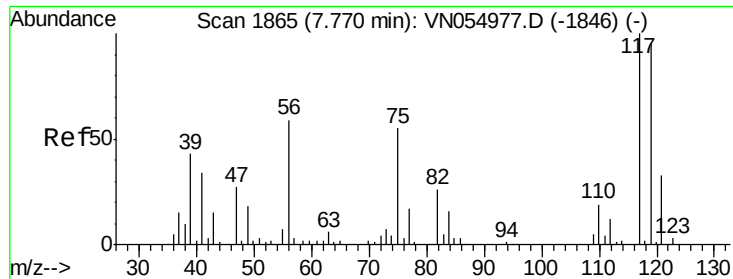
Tot Ion: 77 Resp: 105832
 Ion Ratio Lower Upper
 77 100
 97 23.3 0.0 0.0#



#32
 1,1,1-Trichloroethane
 Concen: 20.086 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

Tgt Ion: 97 Resp: 127585
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.2 76.8
 61 49.2 40.6 60.8

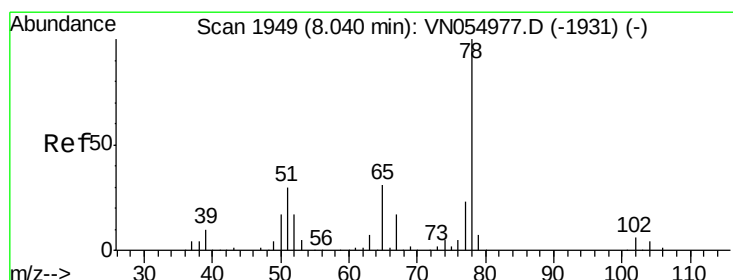
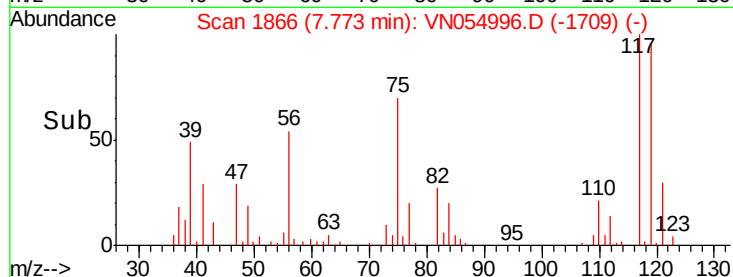
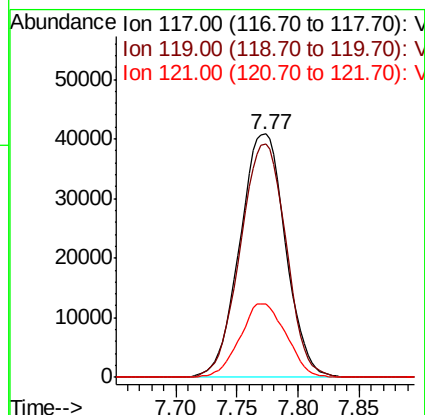
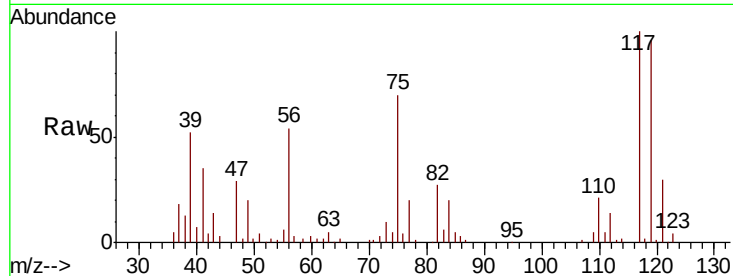




#33
Carbon Tetrachloride
Concen: 19.283 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

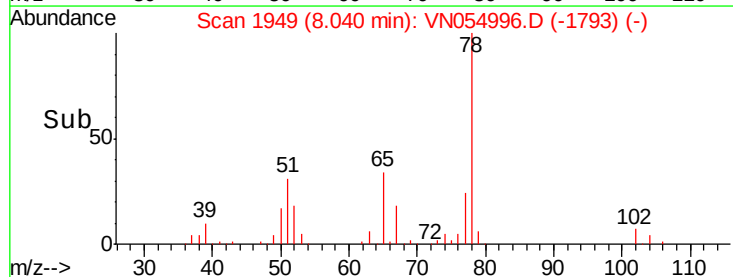
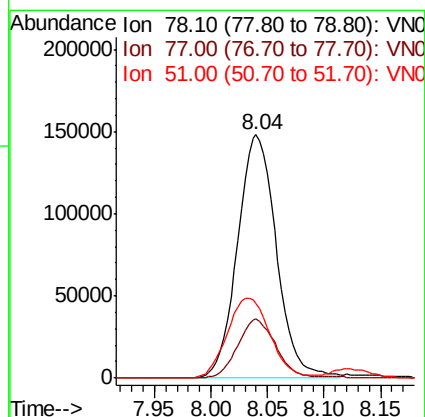
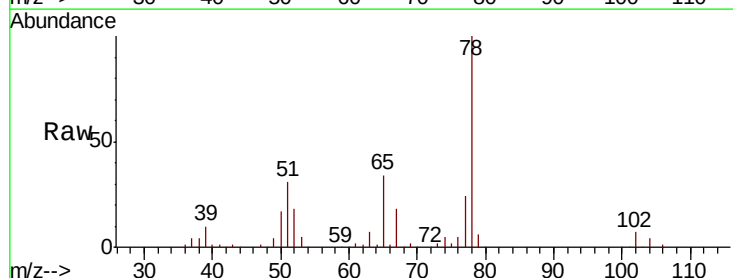
Instrument :
MSVOA_N
ClientSampled :

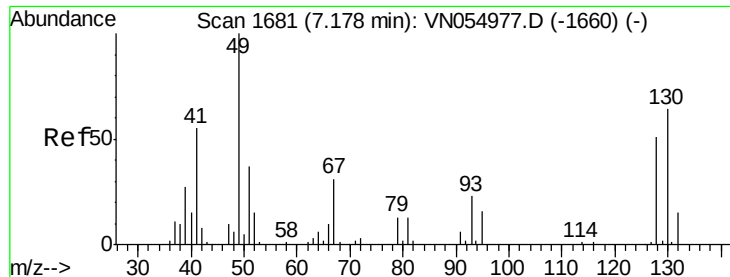
Tot Ion:117 Resp: 106044
Ion Ratio Lower Upper
117 100
119 96.0 76.1 114.1
121 29.9 26.2 39.4



#34
Benzene
Concen: 19.962 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion: 78 Resp: 355489
Ion Ratio Lower Upper
78 100
77 24.3 18.2 27.4
51 30.5 23.7 35.5

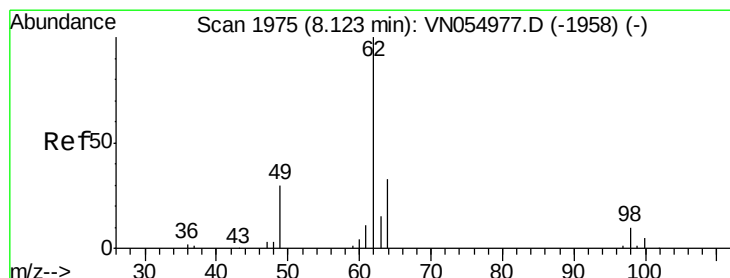
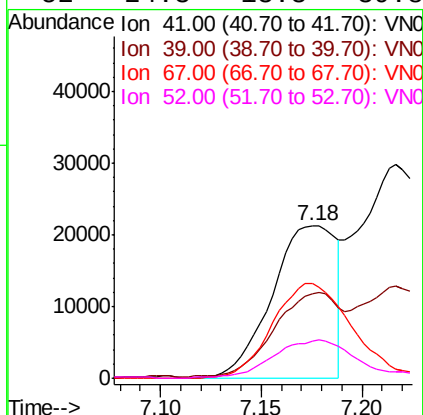
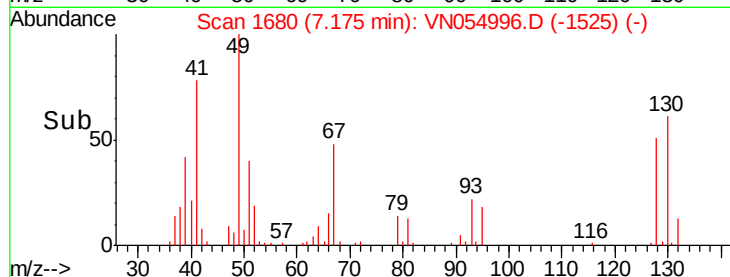
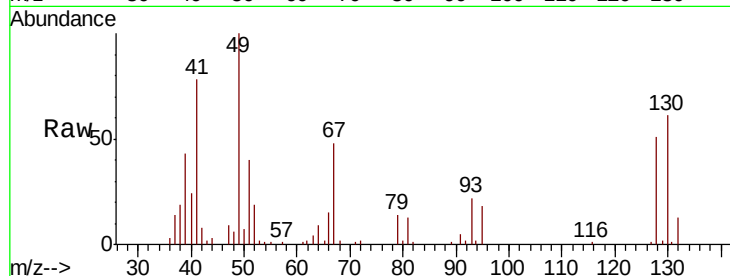




#35
Methacrylonitrile
Concen: 19.914 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

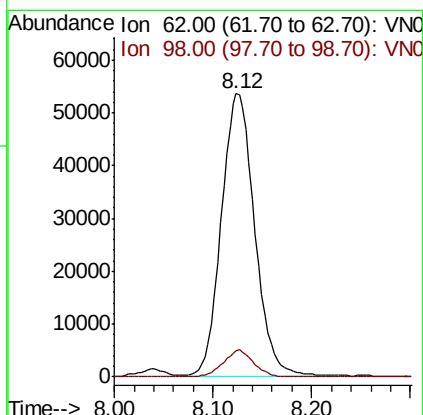
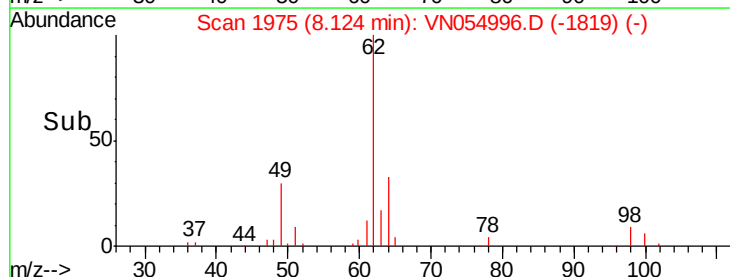
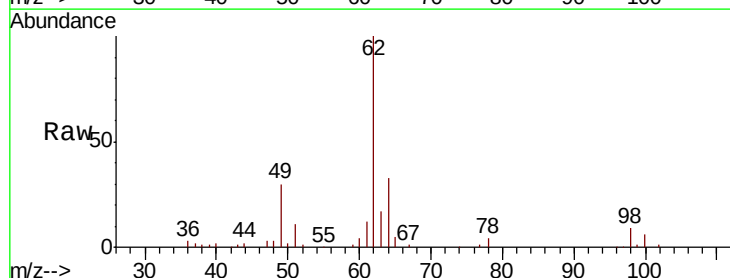
Instrument :
MSVOA_N
ClientSampled :

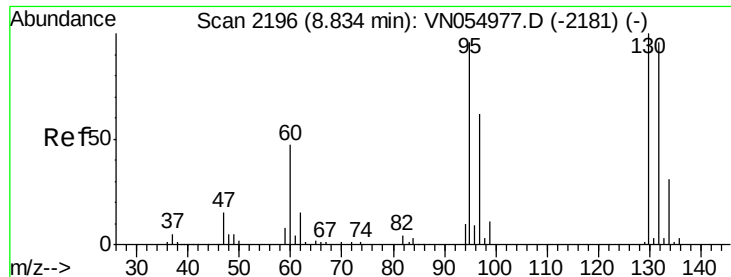
Tot Ion: 41 Resp: 46820
Ion Ratio Lower Upper
41 100
39 54.1 24.2 72.6
67 61.8 28.1 84.2
52 24.3 13.3 39.8



#36
1,2-Dichloroethane
Concen: 20.883 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion: 62 Resp: 127104
Ion Ratio Lower Upper
62 100
98 8.6 6.9 10.3

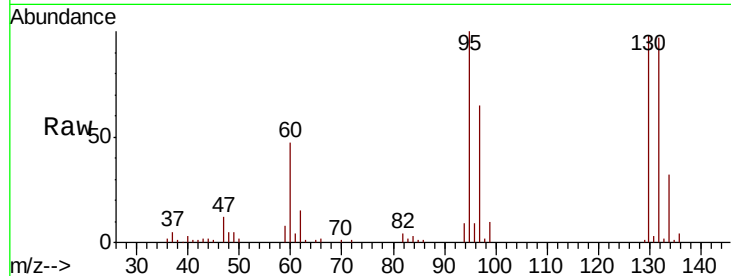




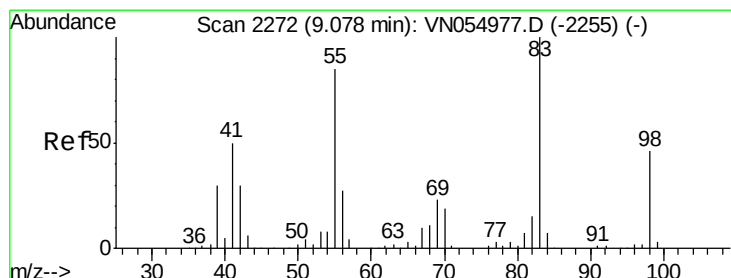
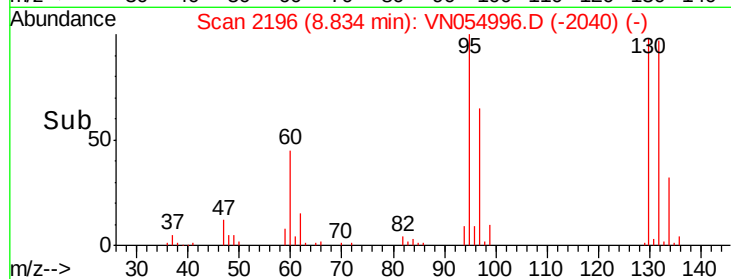
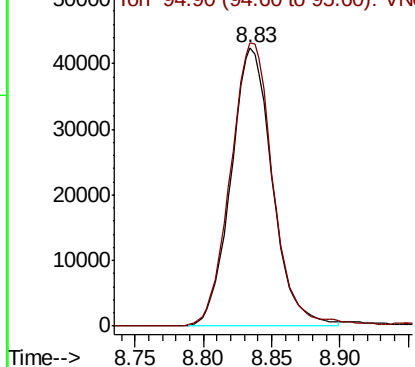
#37
 Trichloroethene
 Concen: 19.638 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:130 Resp: 89154
 Ion Ratio Lower Upper
 130 100
 95 101.0 76.6 115.0

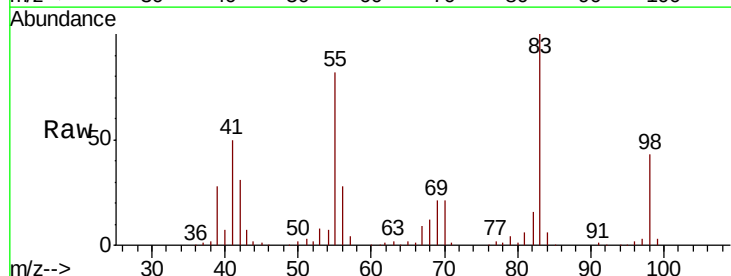


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

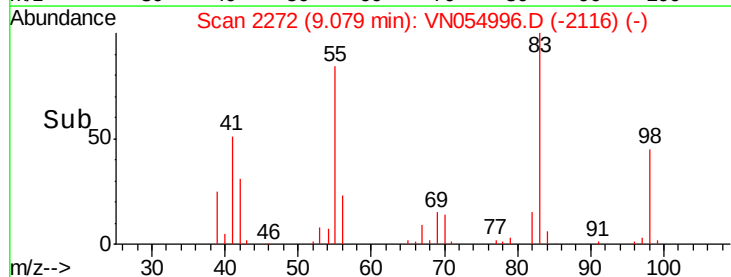
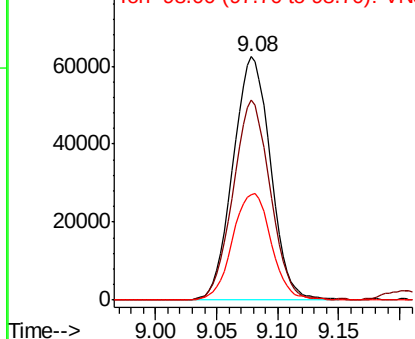


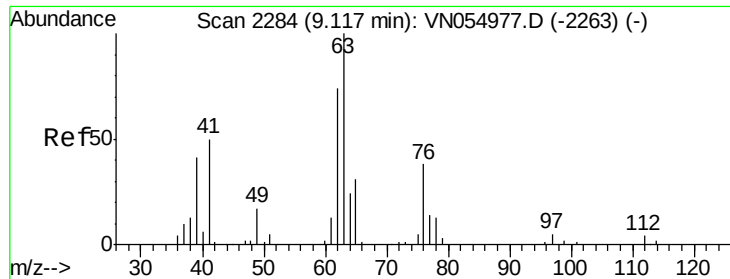
#38
 Methylcyclohexane
 Concen: 19.120 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

Tgt Ion: 83 Resp: 133244
 Ion Ratio Lower Upper
 83 100
 55 81.7 41.9 125.6
 98 45.2 22.4 67.0



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

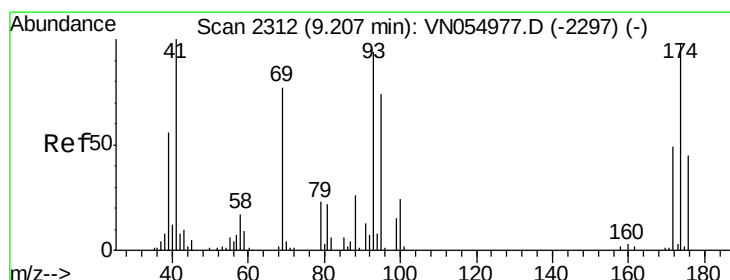
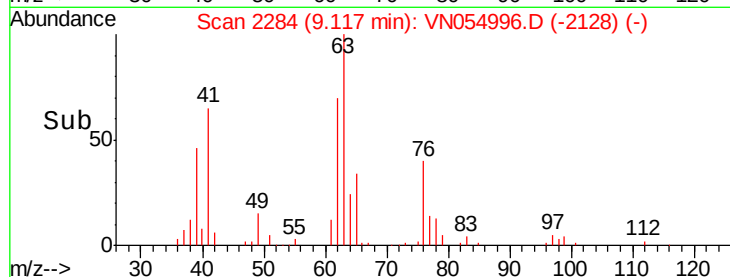
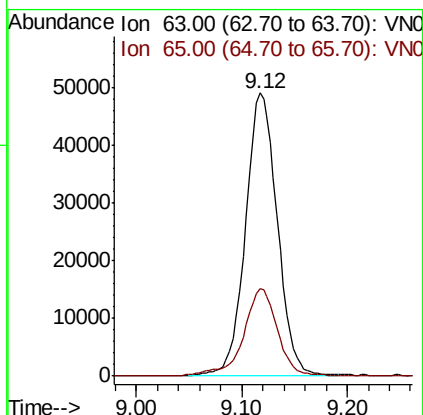
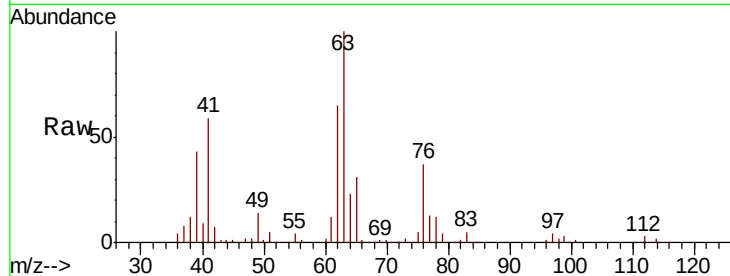




#39
 1,2-Dichloropropane
 Concen: 21.005 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

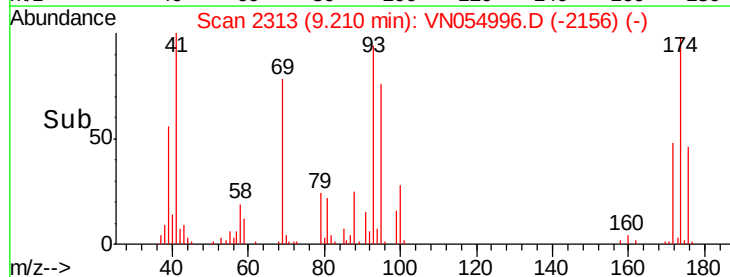
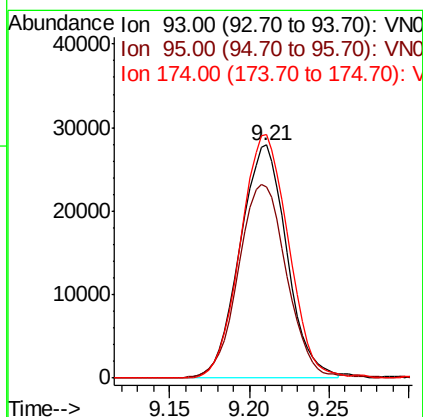
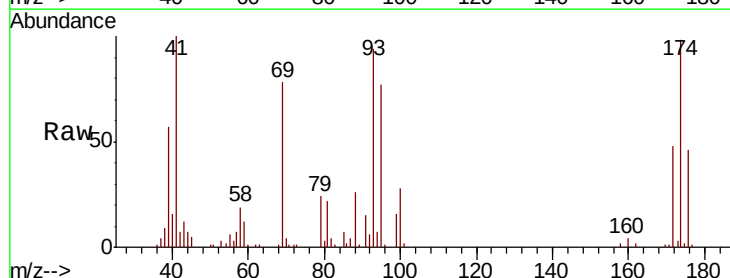
Instrument :
 MSVOA_N
 ClientSampled :

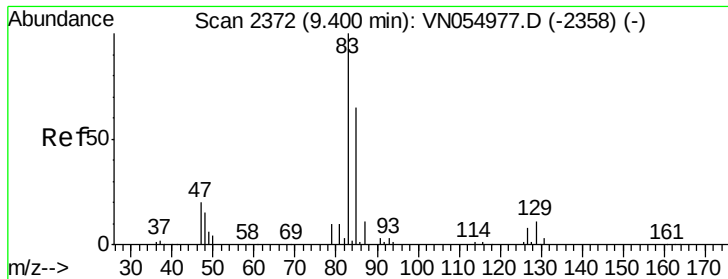
Tot Ion: 63 Resp: 103290
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.8 37.2



#40
 Dibromomethane
 Concen: 20.138 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

Tgt Ion: 93 Resp: 55972
 Ion Ratio Lower Upper
 93 100
 95 85.7 0.0 160.8
 174 106.8 0.0 206.4





#41

Bromodichloromethane

Concen: 20.017 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

Instrument :

MSVOA_N

ClientSampleId :

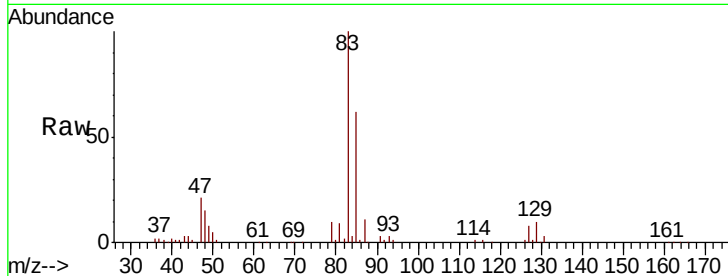
Tot Ion: 83 Resp: 114825

Ion Ratio Lower Upper

83 100

85 61.7 52.0 78.0

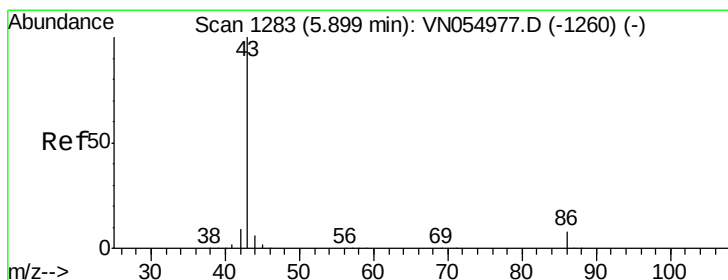
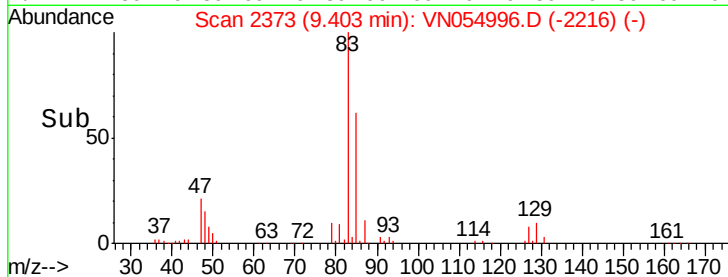
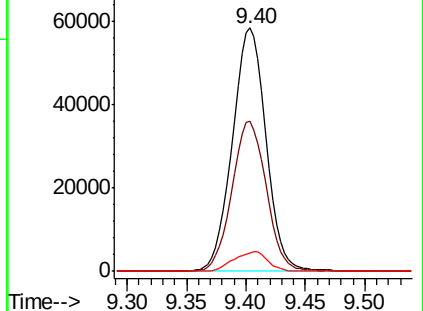
127 7.5 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VN054977.D (-2358) (-)

Ion 85.00 (84.70 to 85.70): VN054977.D (-2358) (-)

Ion 127.00 (126.70 to 127.70): VN054977.D (-2358) (-)



#42

Vinyl Acetate

Concen: 102.850 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054996.D

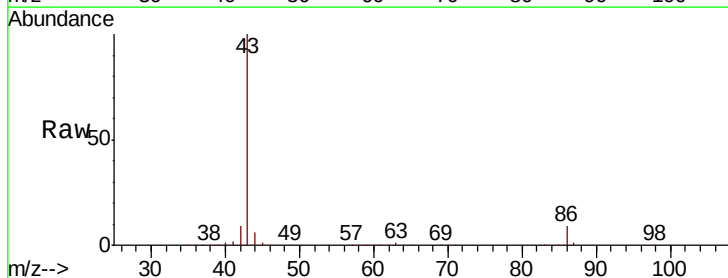
Acq: 12 Apr 2019 13:28

Tgt Ion: 43 Resp: 1037202

Ion Ratio Lower Upper

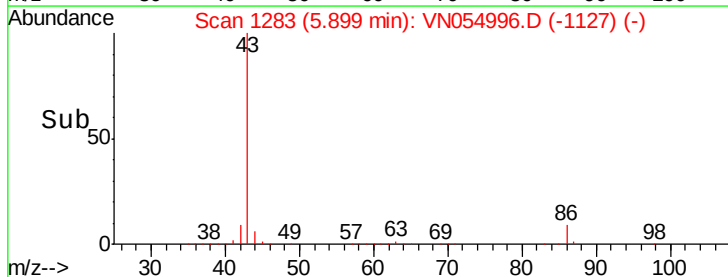
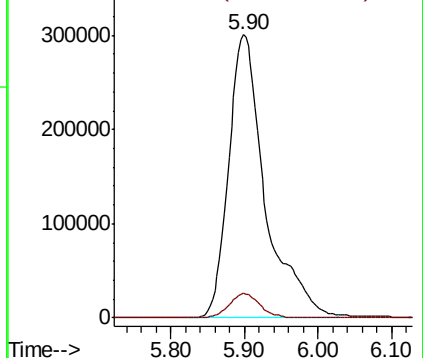
43 100

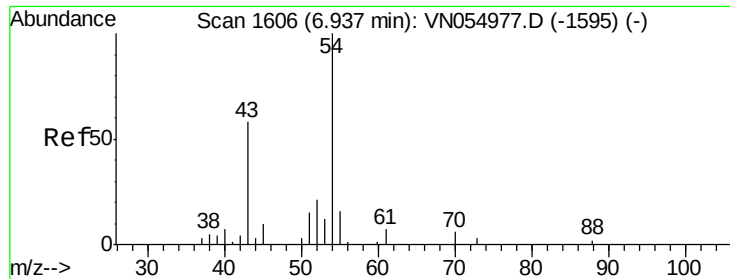
86 7.2 5.7 8.5



Abundance Ion 43.00 (42.70 to 43.70): VN054977.D (-1260) (-)

Ion 86.00 (85.70 to 86.70): VN054977.D (-1260) (-)

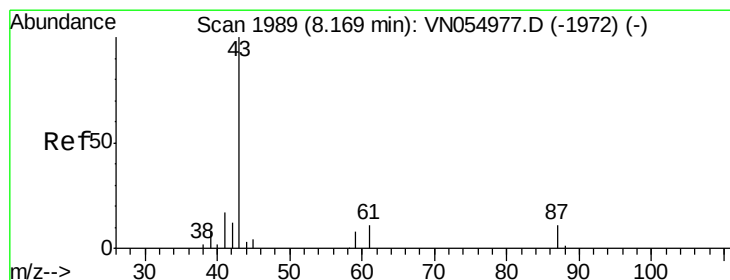
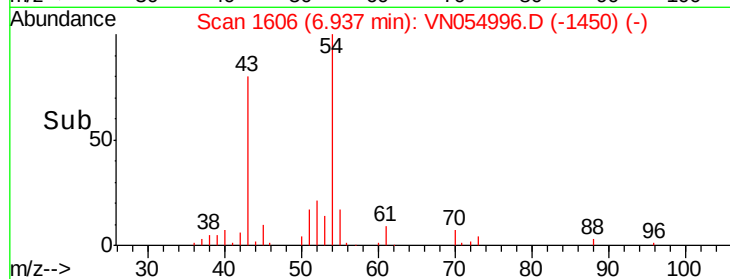
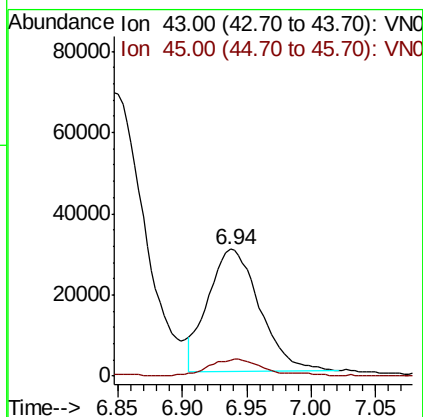
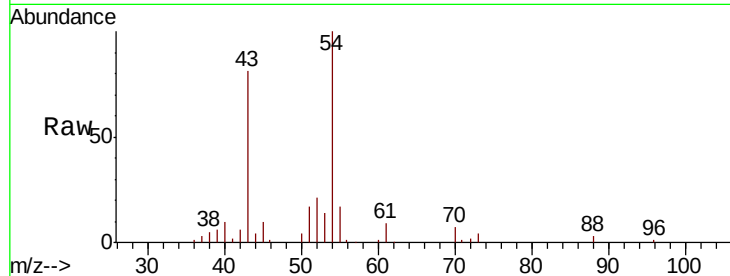




#43
Ethyl Acetate
Concen: 20.612 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

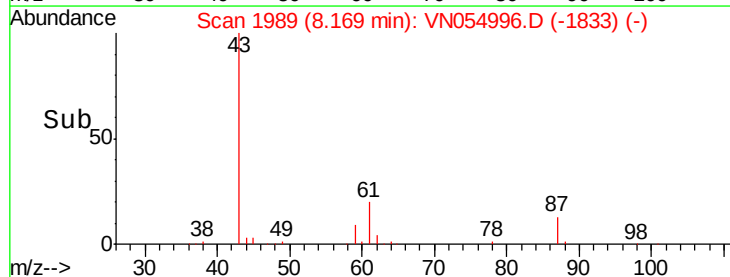
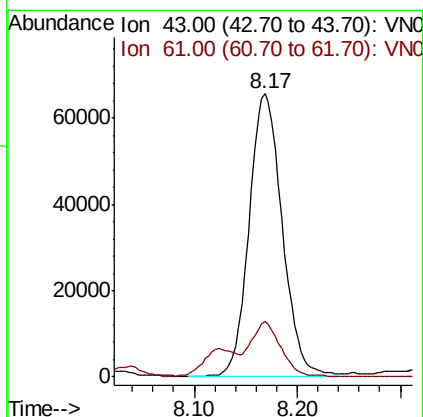
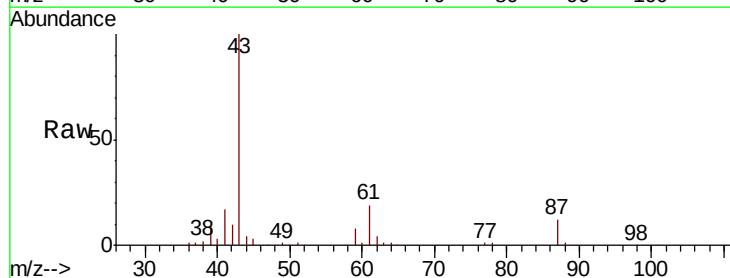
Instrument :
MSVOA_N
ClientSampled :

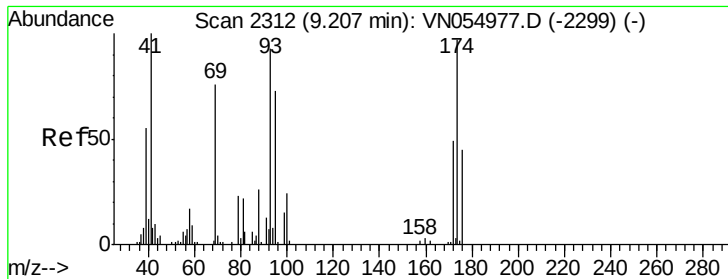
Tot Ion: 43 Resp: 83763
Ion Ratio Lower Upper
43 100
45 12.8 10.6 15.8



#44
Isopropyl Acetate
Concen: 21.344 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion: 43 Resp: 146996
Ion Ratio Lower Upper
43 100
61 16.2 14.8 22.2





#45

1,4-Dioxane

Concen: 451.828 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

Instrument :
MSVOA_N
ClientSampleId :

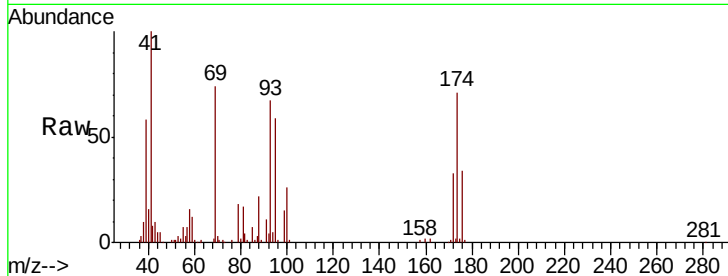
Tot Ion: 88 Resp: 17239

Ion Ratio Lower Upper

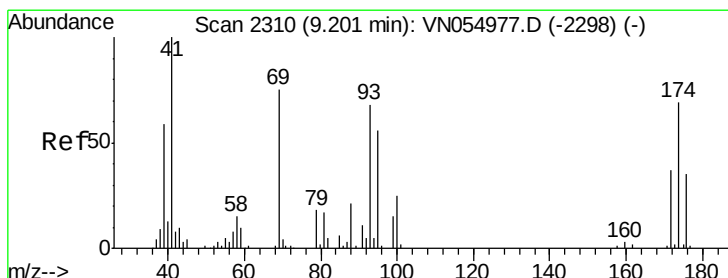
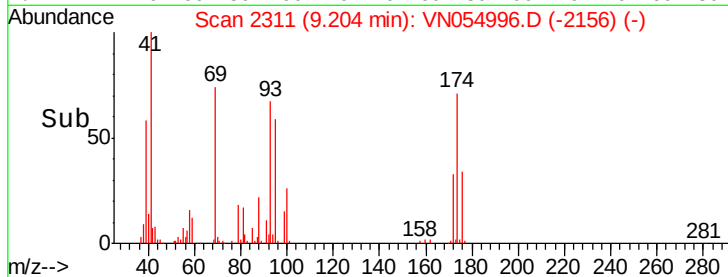
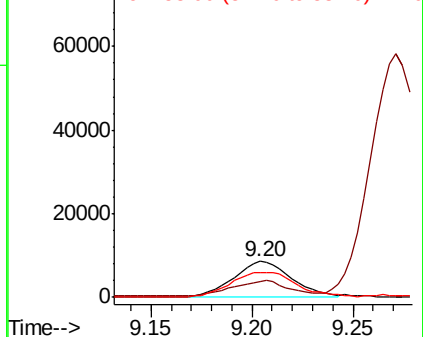
88 100

43 37.9 34.5 51.7

58 79.3 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: 20.716 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

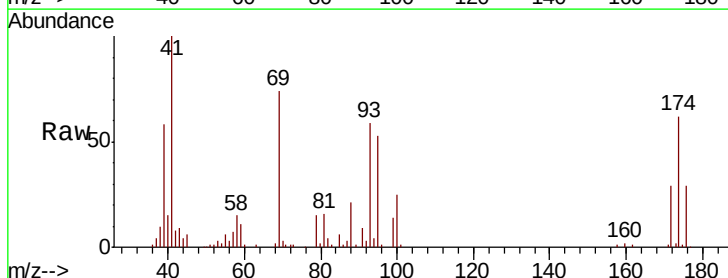
Tgt Ion: 41 Resp: 73803

Ion Ratio Lower Upper

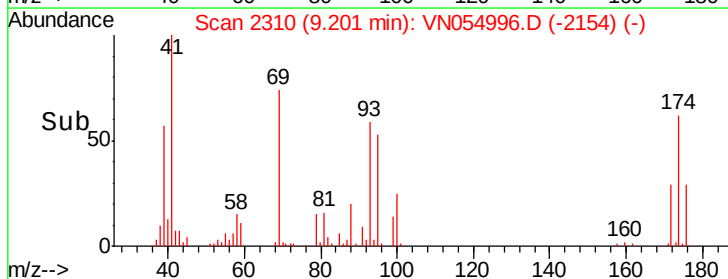
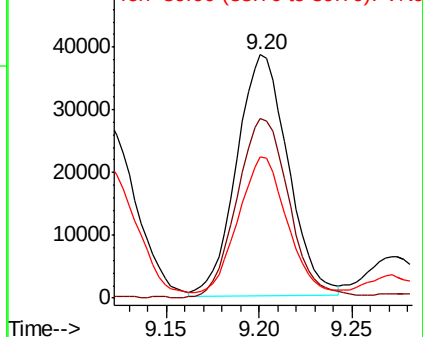
41 100

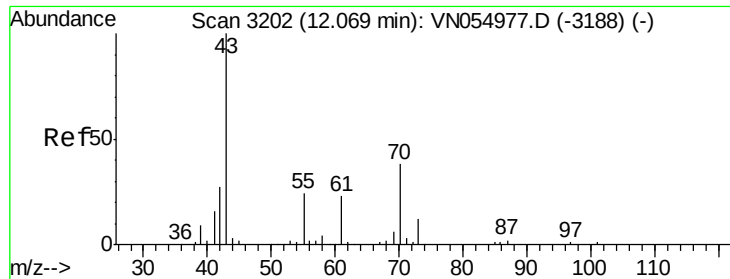
69 74.9 37.3 111.9

39 57.0 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

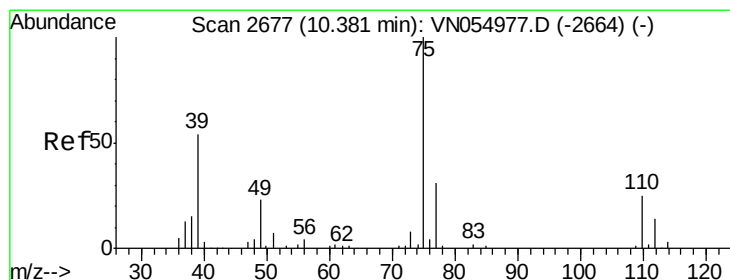
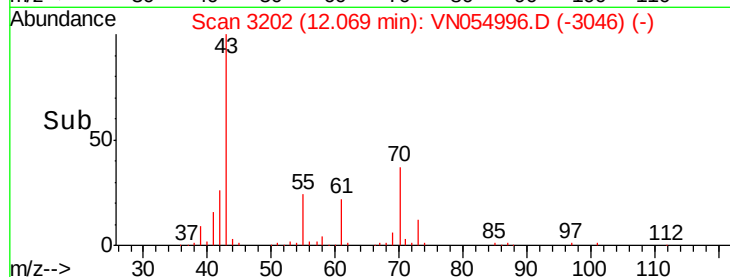
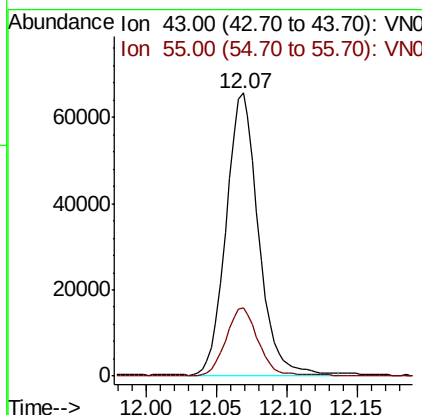
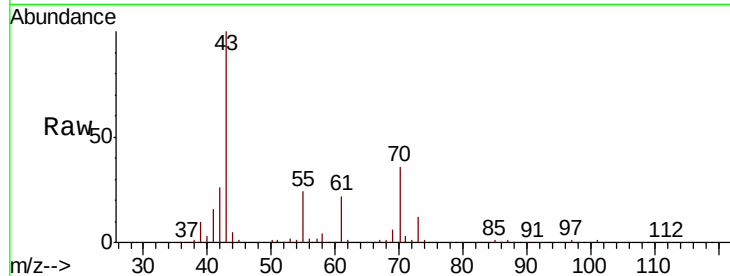




#47
n-amvl Acetate
Concen: 20.579 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

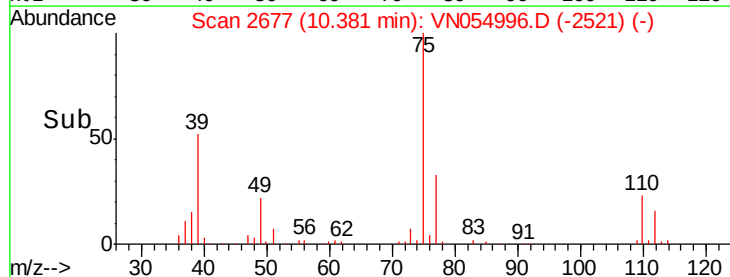
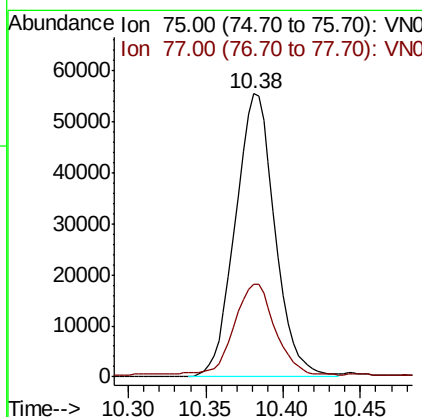
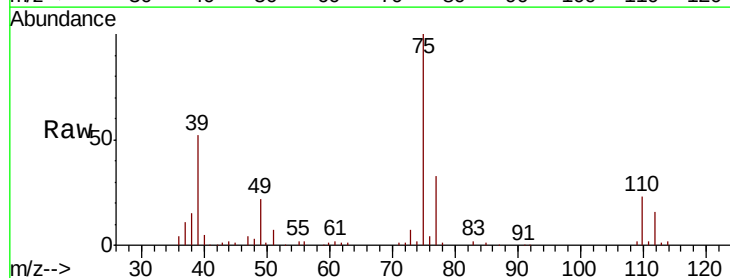
Instrument :
MSVOA_N
ClientSampled :

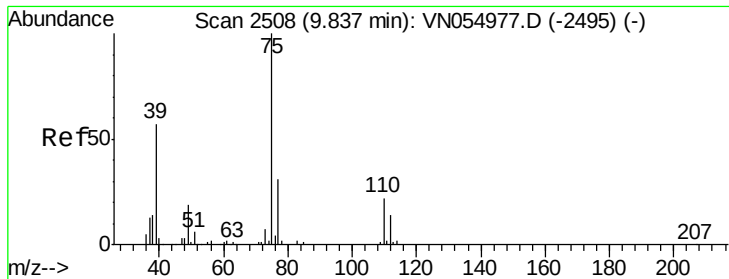
Tot Ion: 43 Resp: 104387
Ion Ratio Lower Upper
43 100
55 24.4 19.8 29.6



#48
t-1,3-Dichloropropene
Concen: 18.784 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion: 75 Resp: 98949
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0

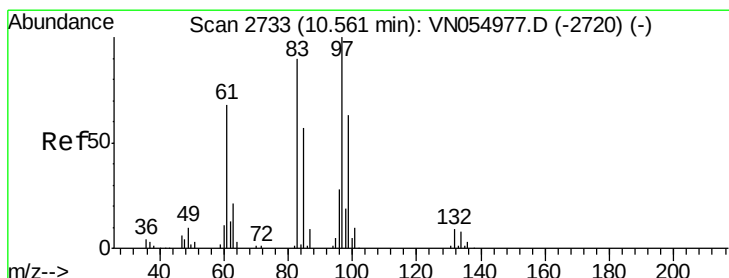
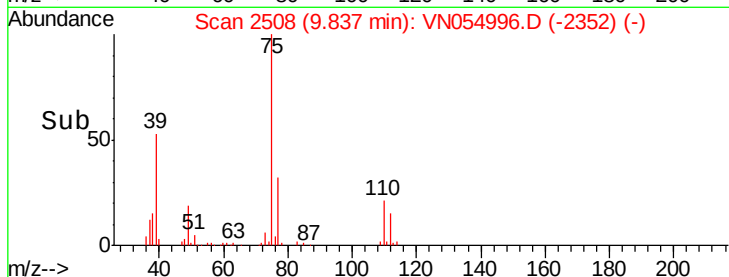
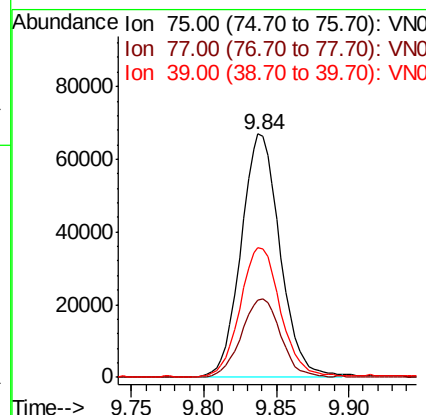
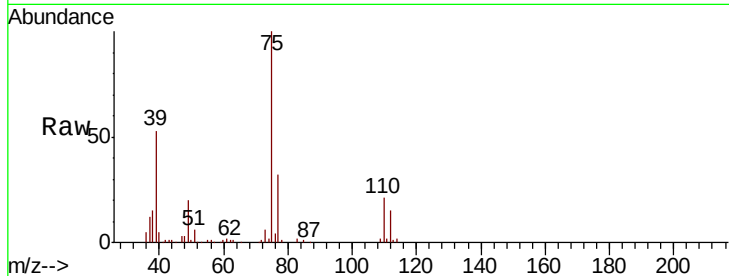




#49
 cis-1,3-Dichloropropene
 Concen: 19.261 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

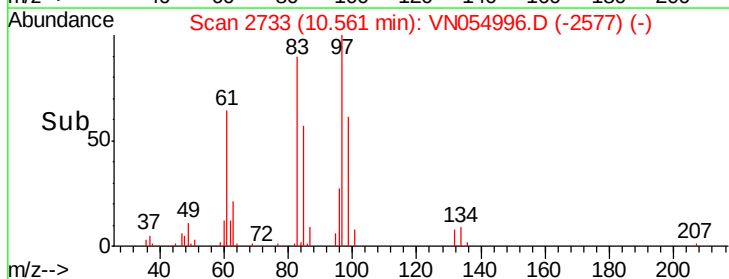
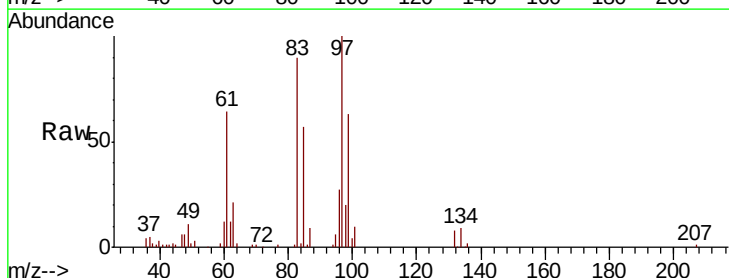
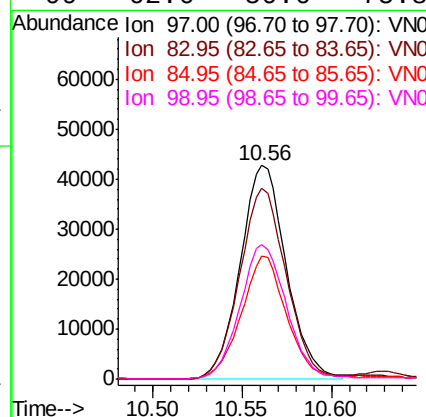
Instrument :
 MSVOA_N
 ClientSampleId :

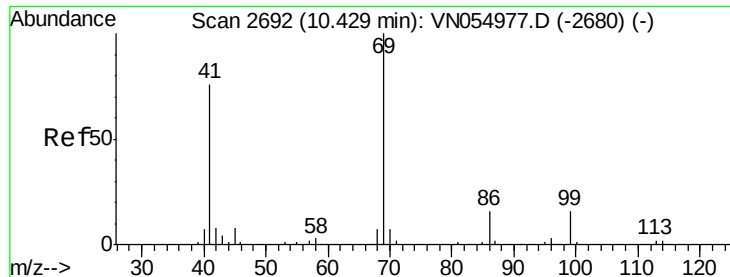
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.7	37.1
39	53.1	45.3	67.9



#50
 1,1,2-Trichloroethane
 Concen: 20.436 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.6	72.1	108.1
85	56.8	45.4	68.0
99	62.6	50.6	75.8





#51

Ethyl methacrylate

Concen: 19.825 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

Instrument :

MSVOA_N

ClientSampleId :

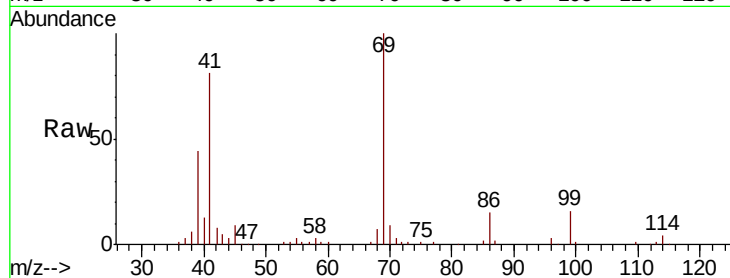
Tot Ion: 69 Resp: 89212

Ion Ratio Lower Upper

69 100

41 80.5 37.9 113.7

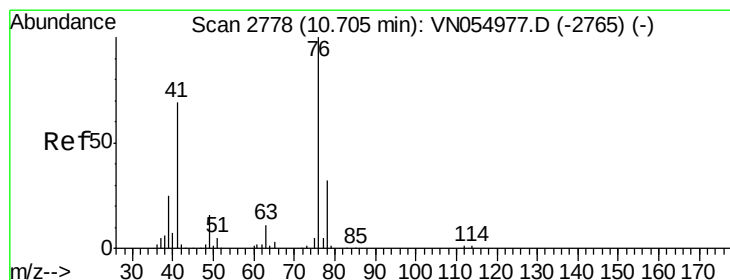
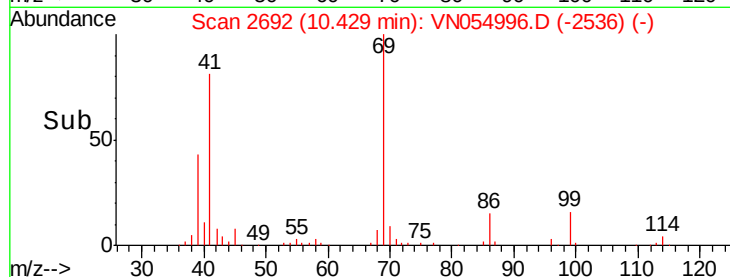
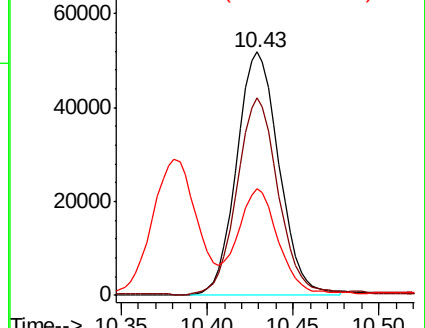
39 42.8 19.8 59.4



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: 20.822 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN054996.D

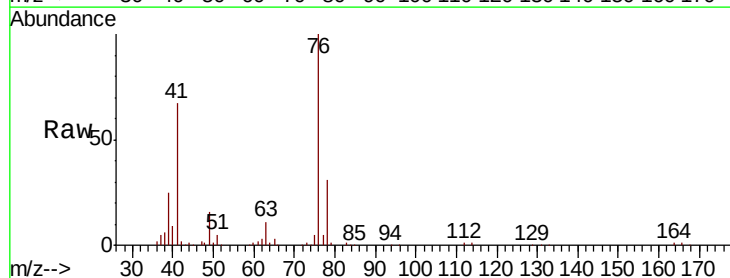
Acq: 12 Apr 2019 13:28

Tgt Ion: 76 Resp: 137738

Ion Ratio Lower Upper

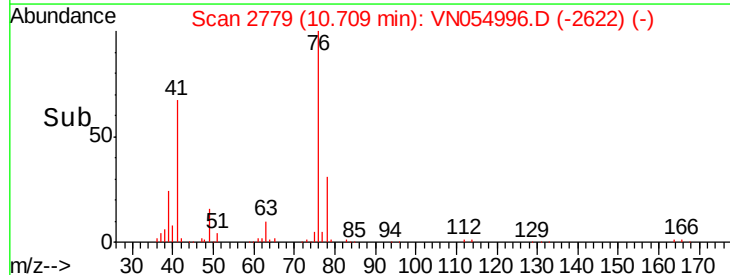
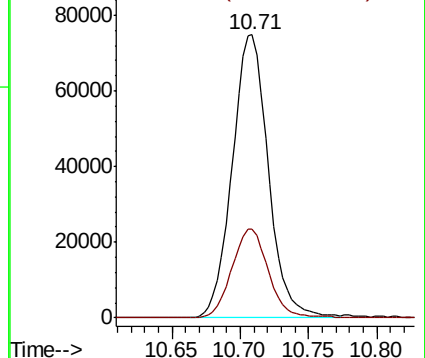
76 100

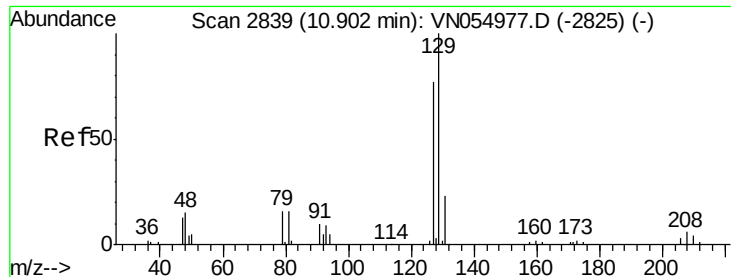
78 31.4 0.0 64.4



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

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

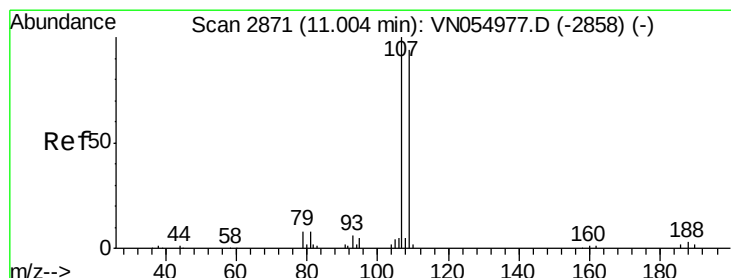
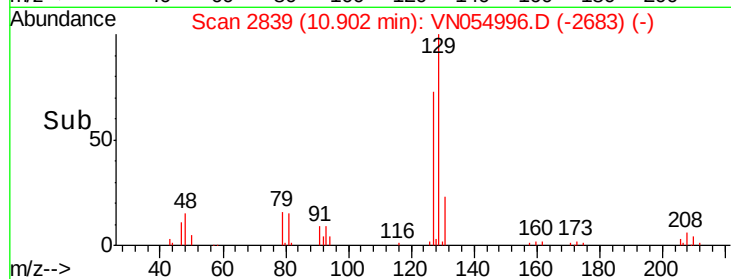
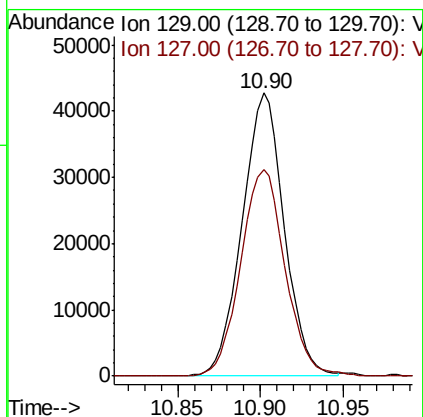
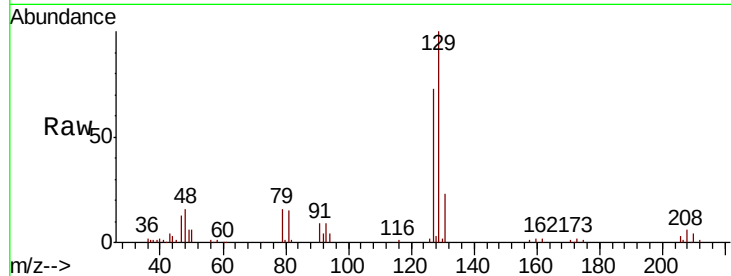




#53
Dibromochloromethane
Concen: 19.369 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

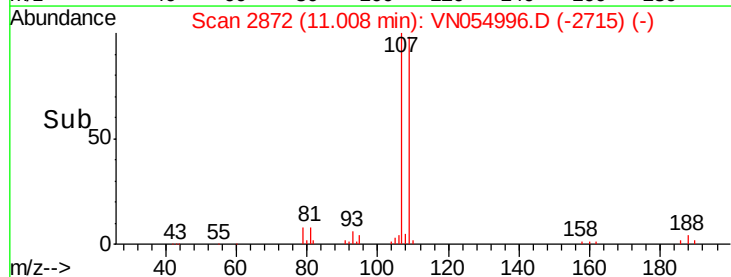
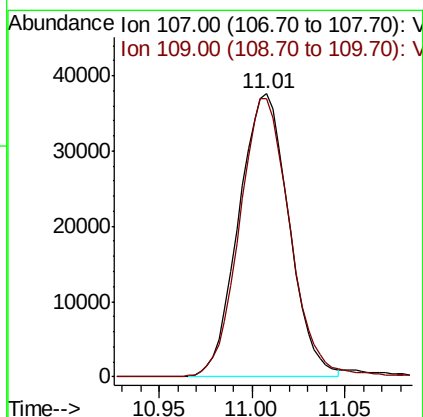
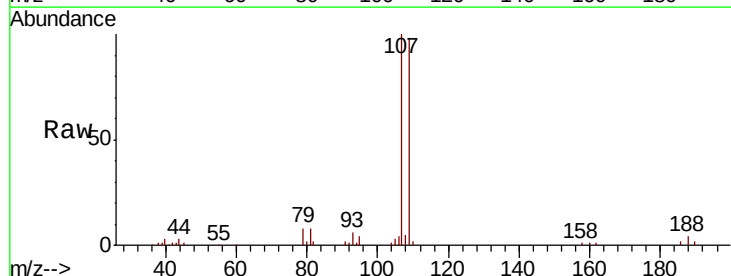
Instrument :
MSVOA_N
ClientSampleId :

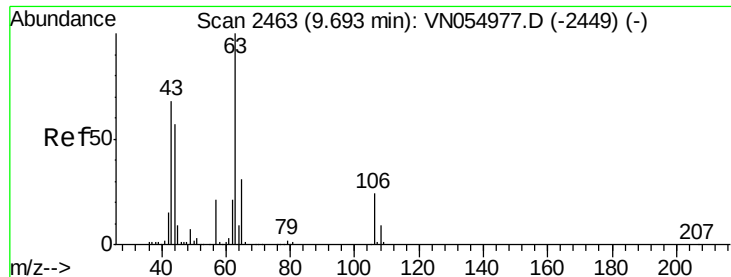
Tot Ion:129 Resp: 75319
Ion Ratio Lower Upper
129 100
127 77.0 37.8 113.3



#54
1,2-Dibromoethane
Concen: 19.942 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion:107 Resp: 70676
Ion Ratio Lower Upper
107 100
109 99.0 76.2 114.2





#55

2-Chloroethyl vinyl ether

Concen: 104.070 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

Instrument :

MSVOA_N

ClientSampled :

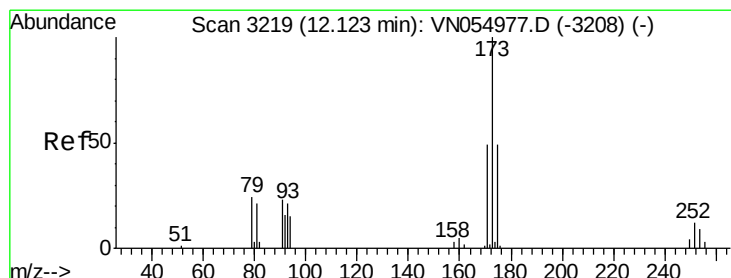
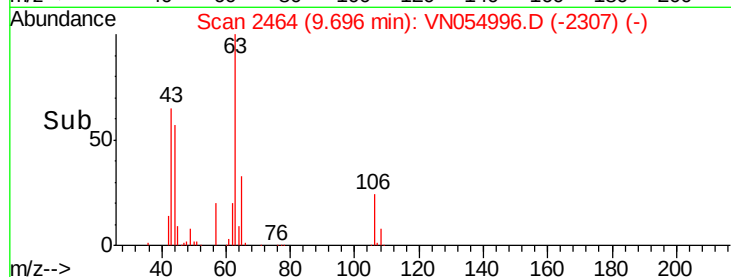
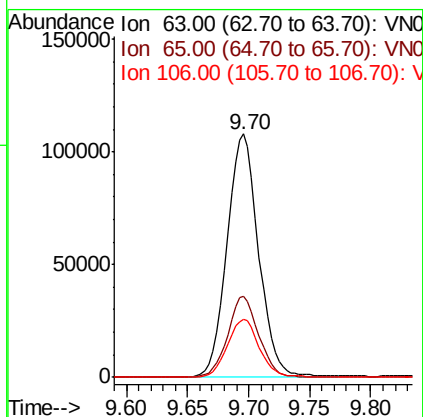
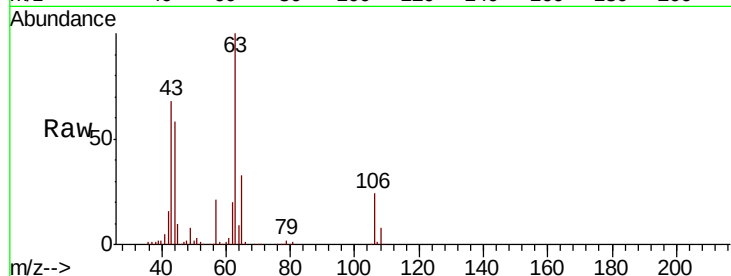
Tot Ion: 63 Resp: 195787

Ion Ratio Lower Upper

63 100

65 32.4 25.4 38.0

106 23.9 19.8 29.6



#56

Bromoform

Concen: 18.618 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

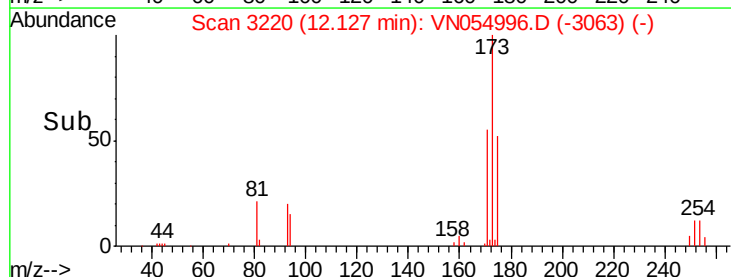
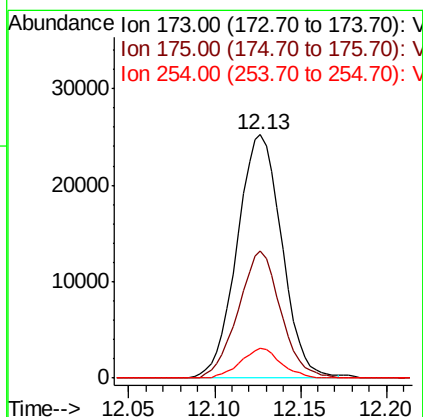
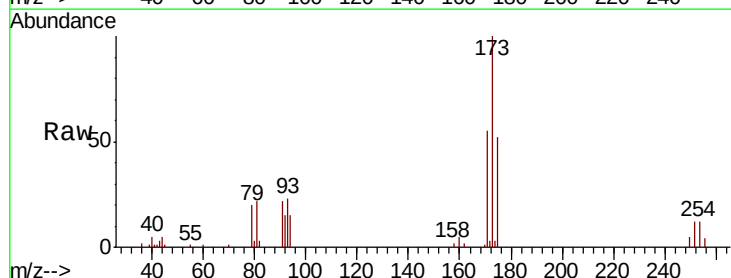
Tgt Ion: 173 Resp: 45490

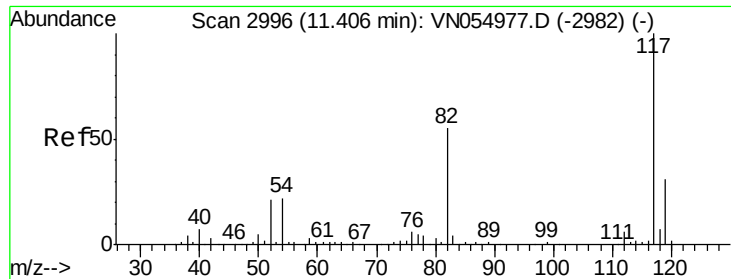
Ion Ratio Lower Upper

173 100

175 49.6 38.6 57.8

254 11.0 6.8 10.2#

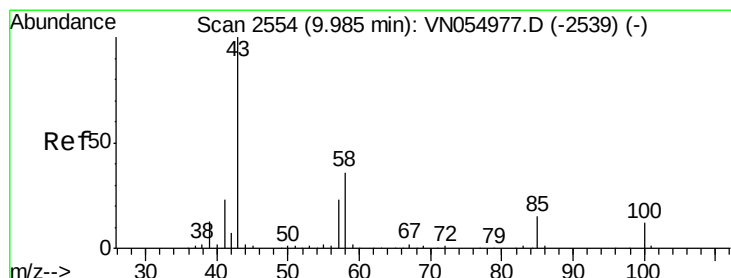
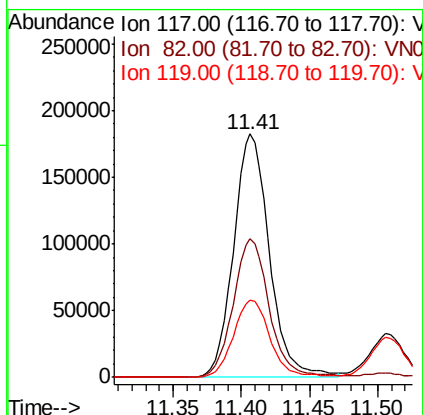
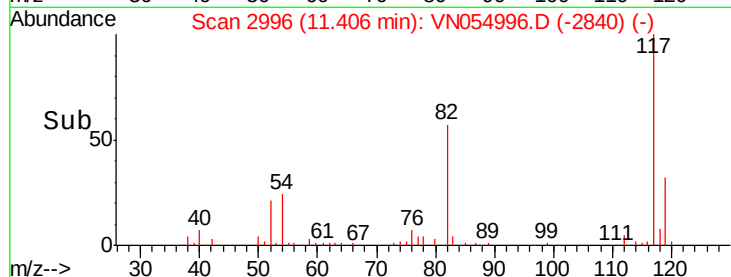
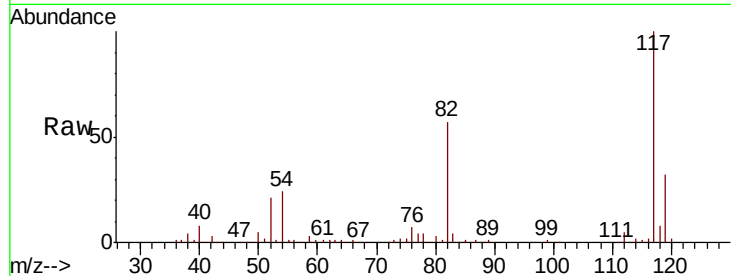




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

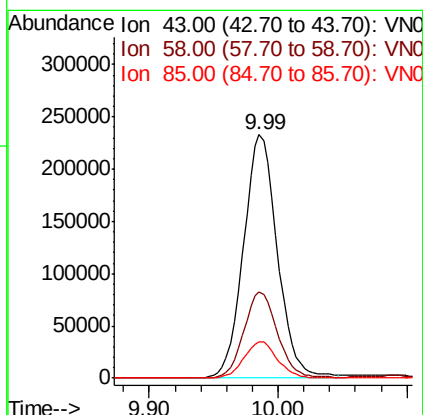
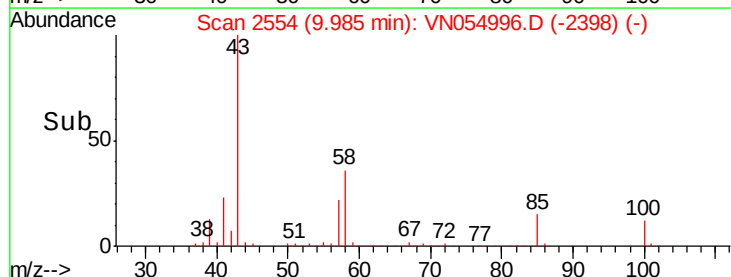
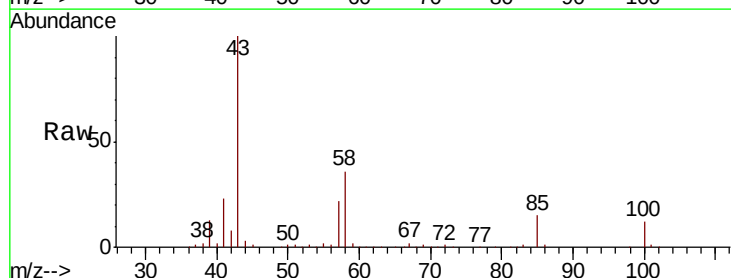
Instrument :
MSVOA_N
ClientSampled :

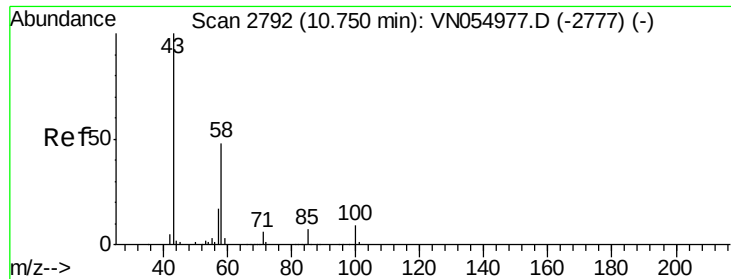
Tot Ion:117 Resp: 332505
Ion Ratio Lower Upper
117 100
82 57.4 45.2 67.8
119 32.6 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 110.509 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion: 43 Resp: 423744
Ion Ratio Lower Upper
43 100
58 35.6 28.7 43.1
85 14.9 11.8 17.6

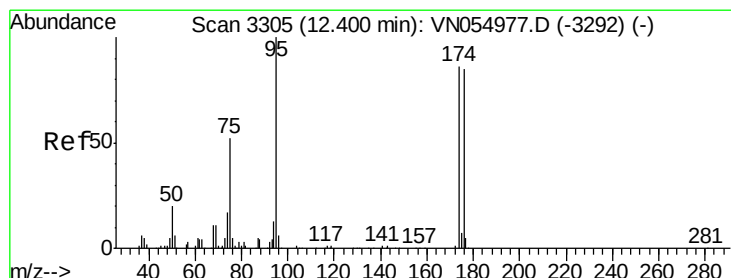
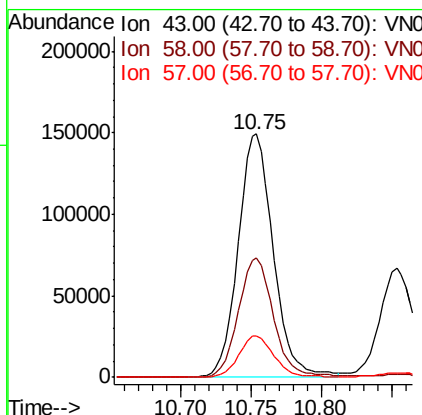
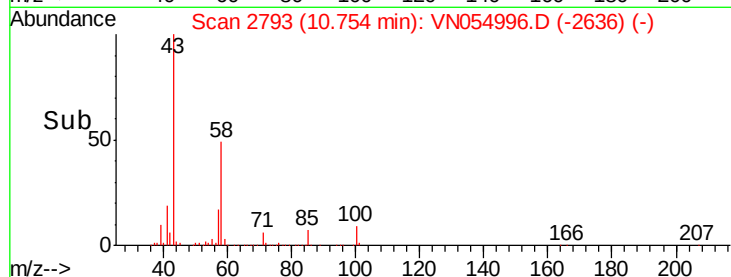
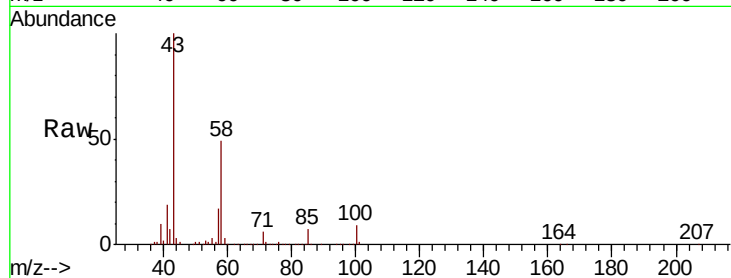




#59
2-Hexanone
Concen: 106.478 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

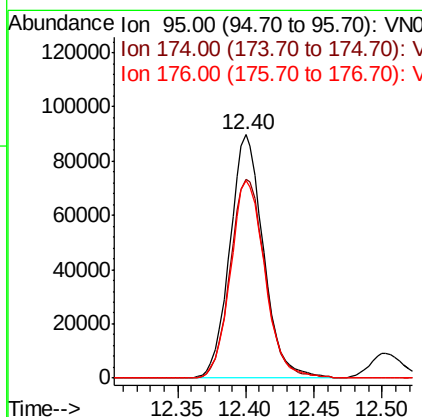
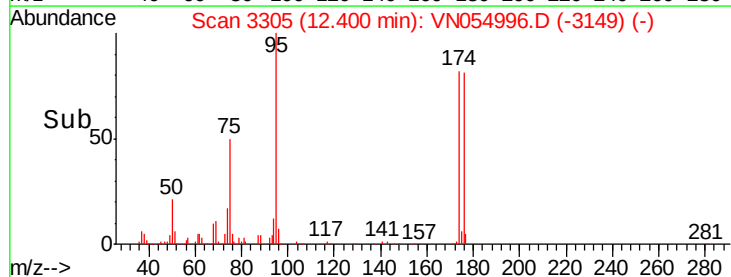
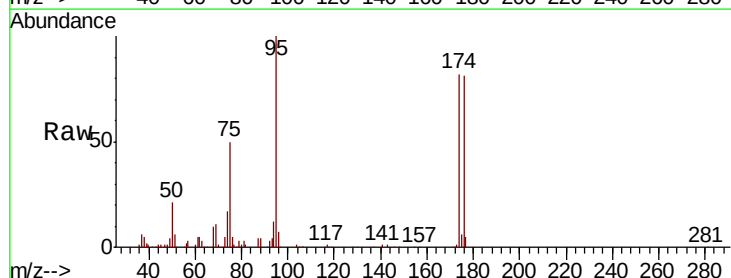
Instrument :
MSVOA_N
ClientSampleId :

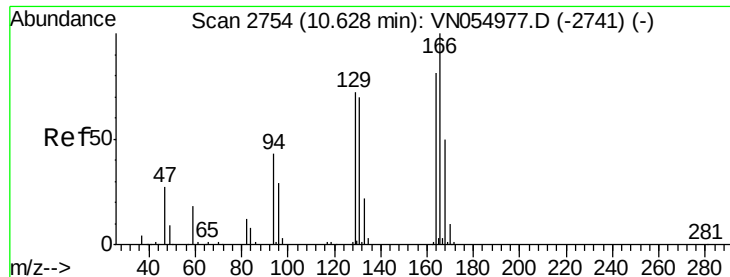
Tot Ion: 43 Resp: 259375
Ion Ratio Lower Upper
43 100
58 49.5 38.8 58.2
57 17.3 13.8 20.6



#60
4-Bromofluorobenzene
Concen: 106.478 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion: 95 Resp: 153648
Ion Ratio Lower Upper
95 100
174 85.1 69.4 104.2
176 83.1 67.4 101.2





#61

Tetrachloroethene

Concen: 19.763 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 85519

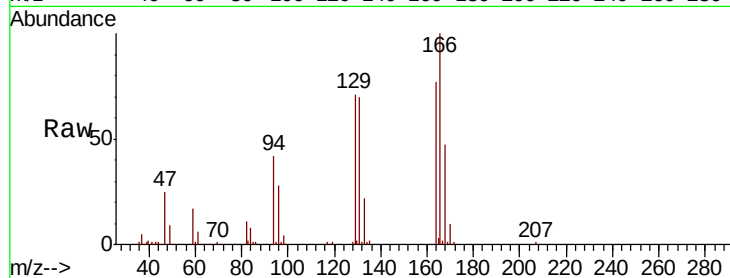
Ion Ratio Lower Upper

164 100

166 129.0 99.0 148.4

129 91.8 71.4 107.0

131 90.1 68.8 103.2

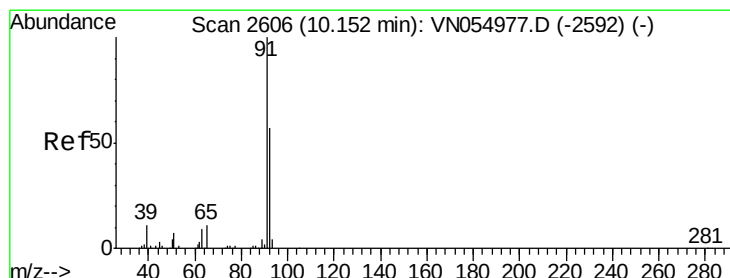
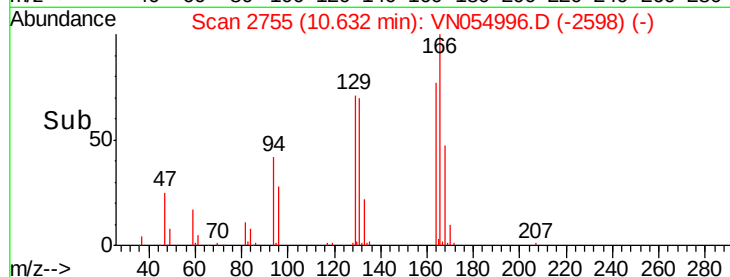
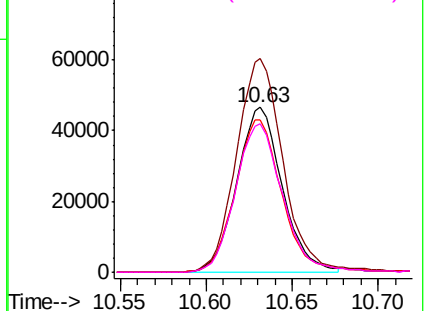


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.379 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054996.D

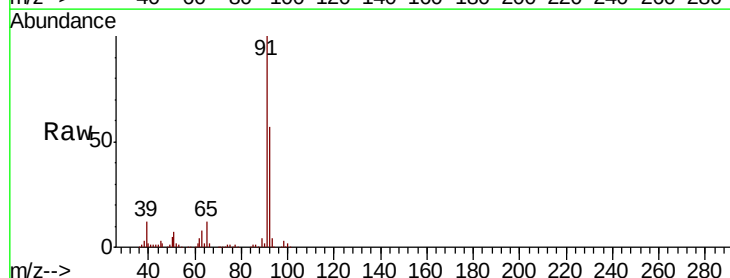
Acq: 12 Apr 2019 13:28

Tgt Ion: 91 Resp: 373361

Ion Ratio Lower Upper

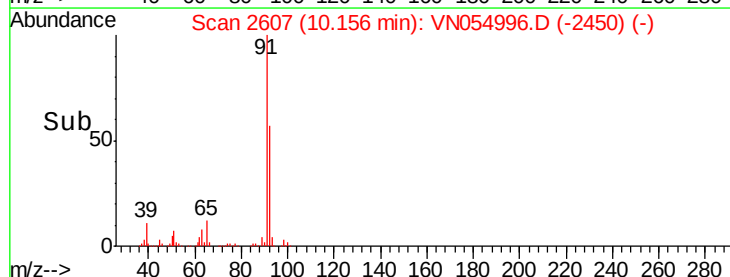
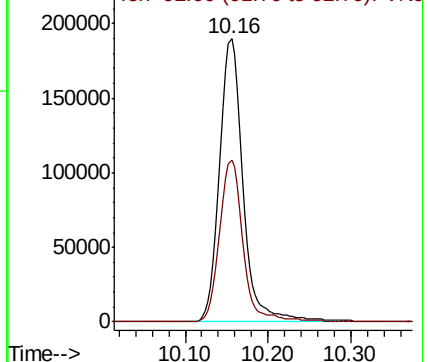
91 100

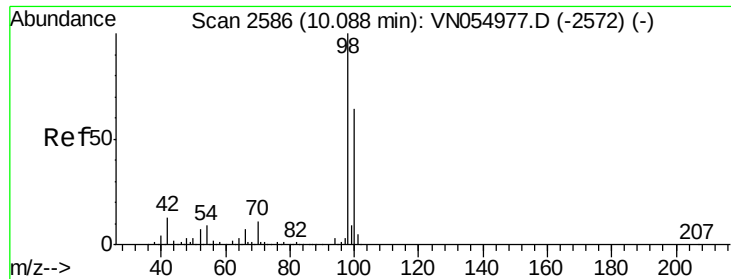
92 56.7 44.8 67.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 20.379 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

Instrument :

MSVOA_N

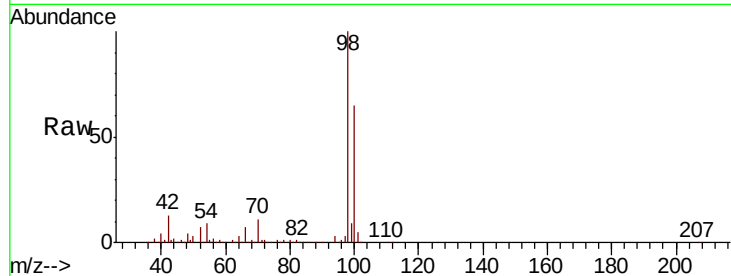
ClientSampled :

Tot Ion: 98 Resp: 478219

Ion Ratio Lower Upper

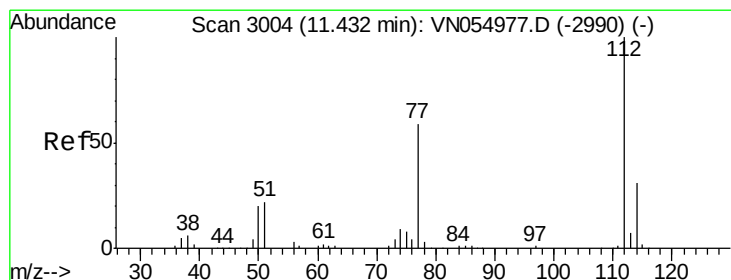
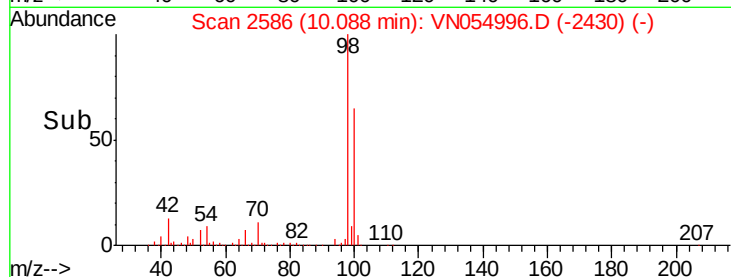
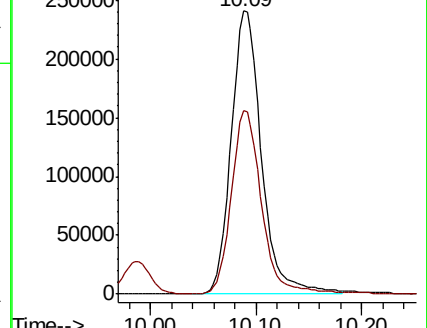
98 100

100 64.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN054977.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN054977.D (-2572) (-)



#64

Chlorobenzene

Concen: 20.370 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054996.D

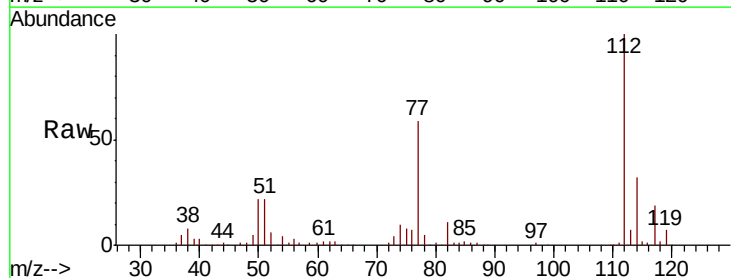
Acq: 12 Apr 2019 13:28

Tgt Ion: 112 Resp: 225300

Ion Ratio Lower Upper

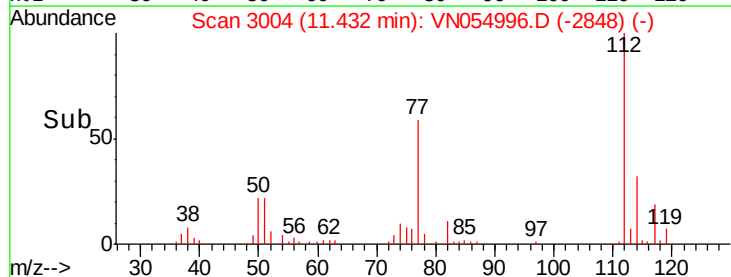
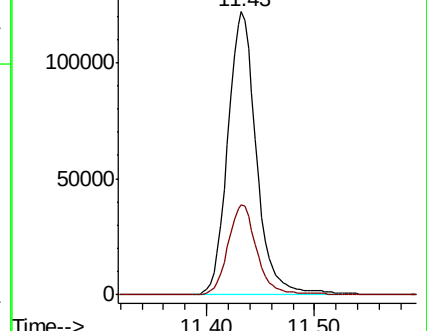
112 100

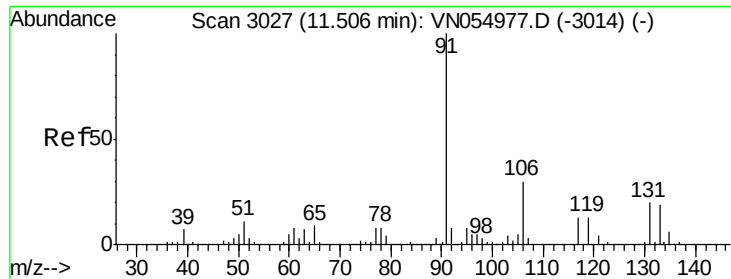
114 32.0 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): VN054977.D (-2990) (-)

Ion 114.00 (113.70 to 114.70): VN054977.D (-2990) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 20.015 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

Instrument :

MSVOA_N

ClientSampled :

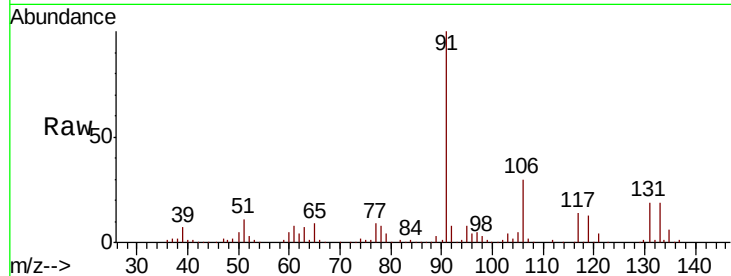
Tot Ion:131 Resp: 78735

Ion Ratio Lower Upper

131 100

133 98.2 0.0 187.8

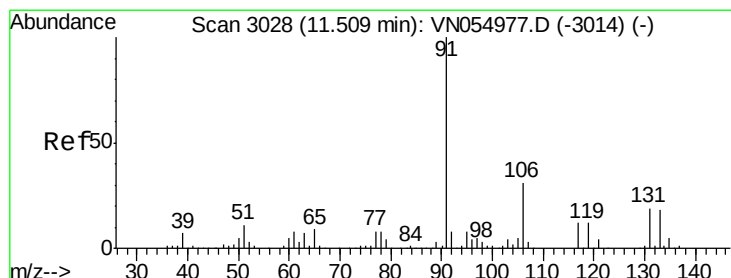
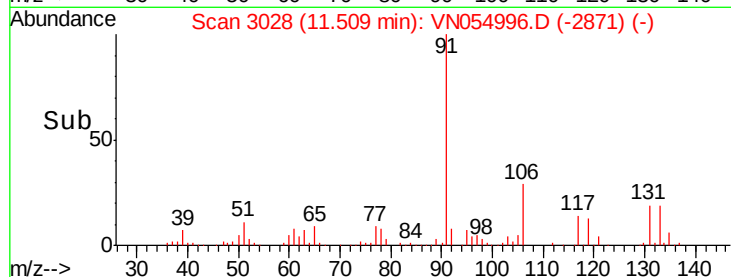
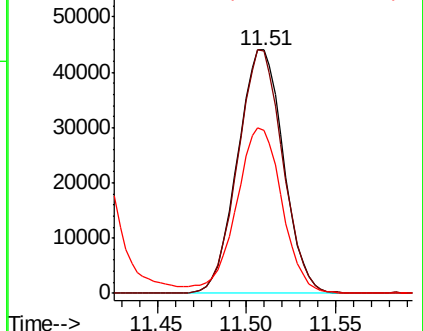
119 68.3 0.0 131.4



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: 20.087 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN054996.D

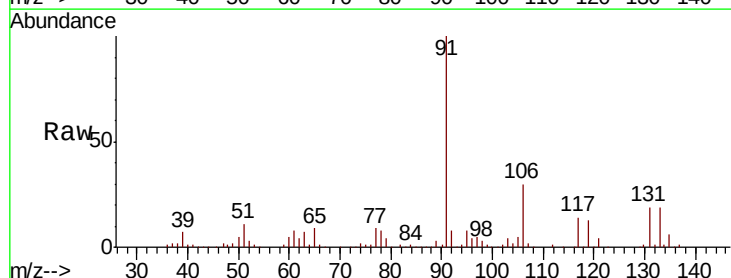
Acq: 12 Apr 2019 13:28

Tgt Ion: 91 Resp: 394497

Ion Ratio Lower Upper

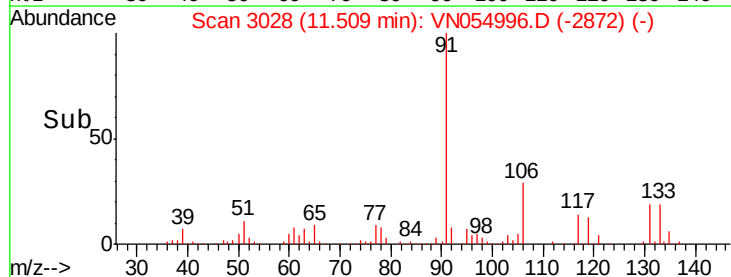
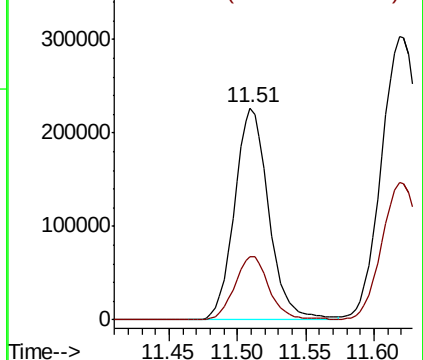
91 100

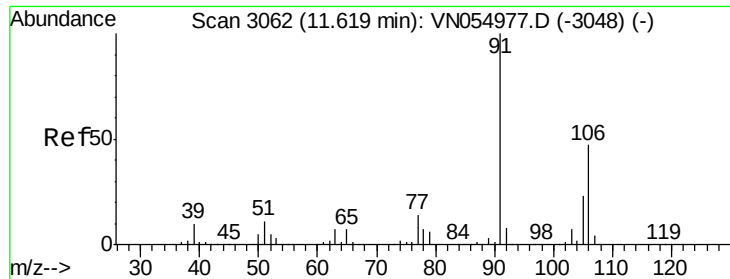
106 29.9 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

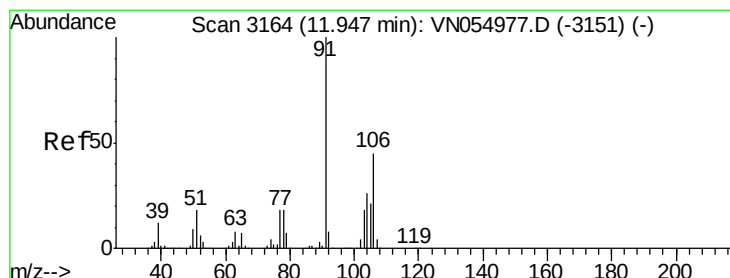
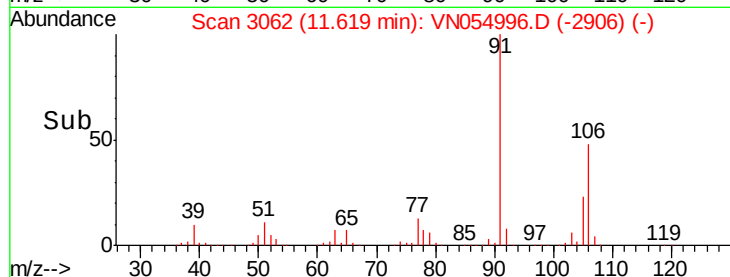
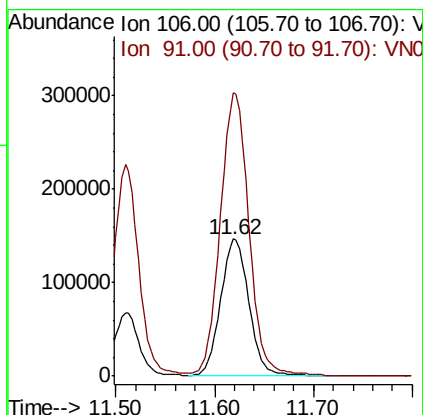
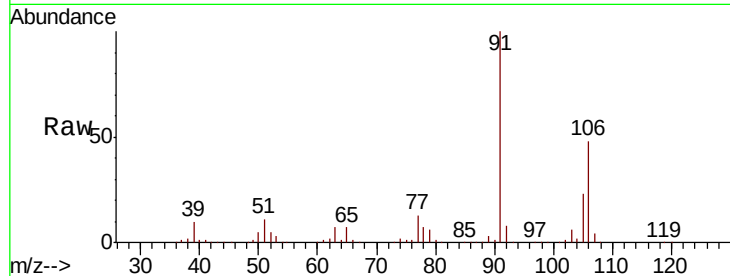




#67
m/p-Xylenes
Concen: 40.796 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

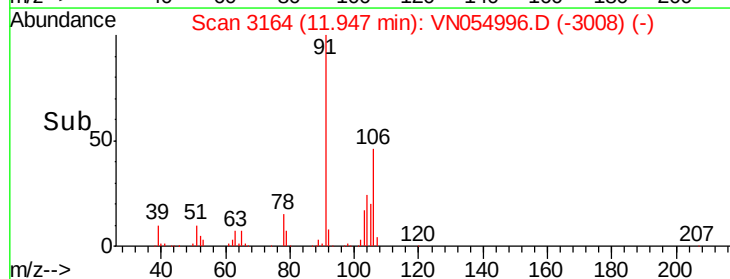
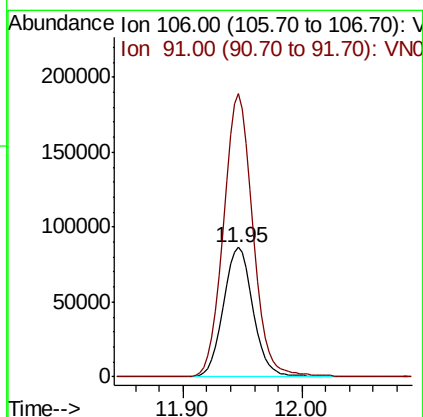
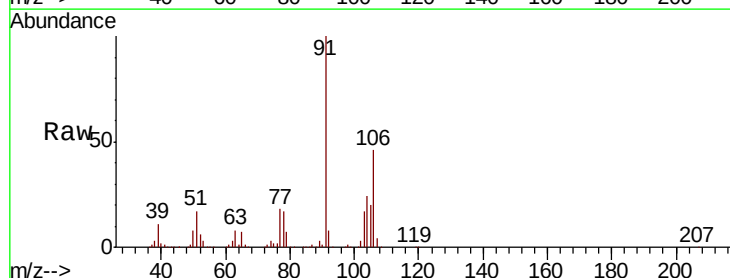
Instrument :
MSVOA_N
ClientSampled :

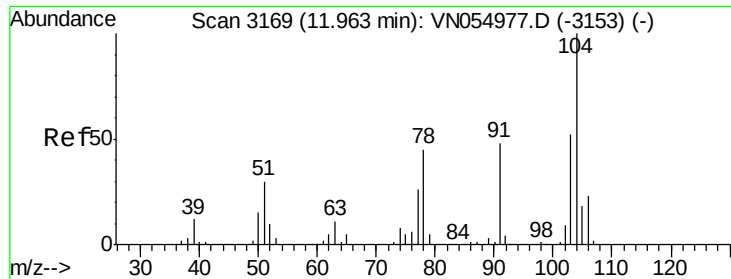
Tot Ion:106 Resp: 297814
Ion Ratio Lower Upper
106 100
91 207.6 167.4 251.2



#68
o-Xylene
Concen: 20.714 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion:106 Resp: 149434
Ion Ratio Lower Upper
106 100
91 216.1 110.3 330.8

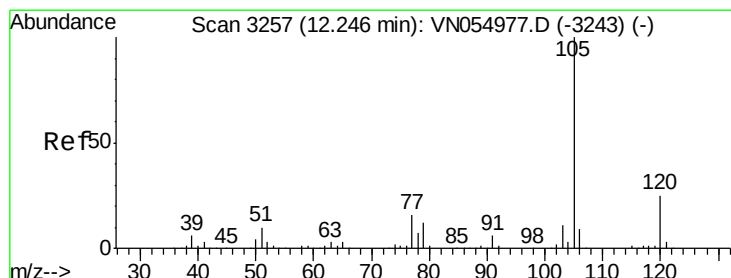
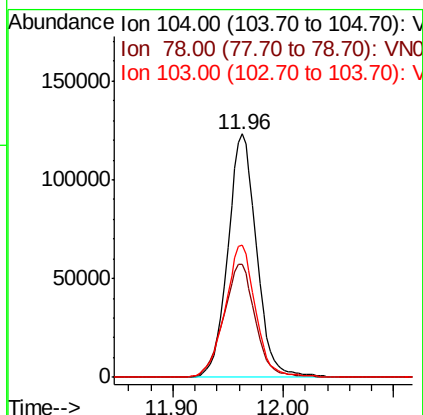
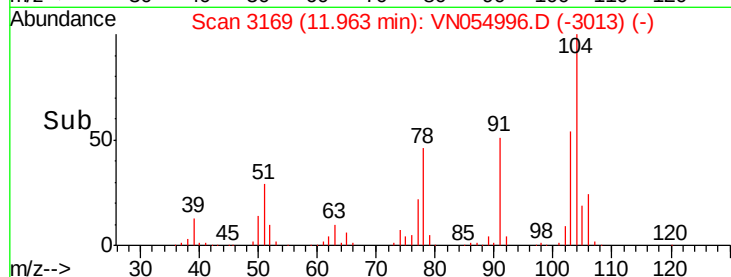
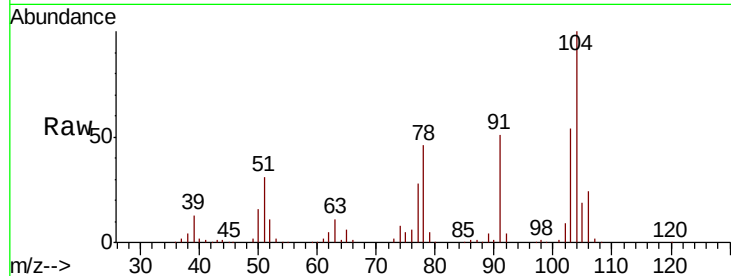




#69
 Stvrene
 Concen: 19.851 ug/l
 RT: 11.96 min Scan# 3169
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

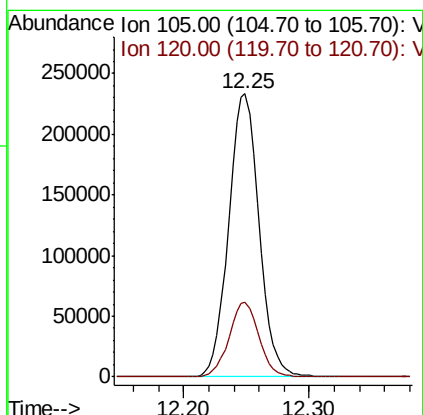
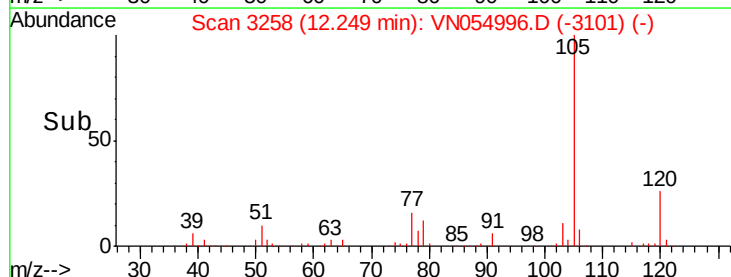
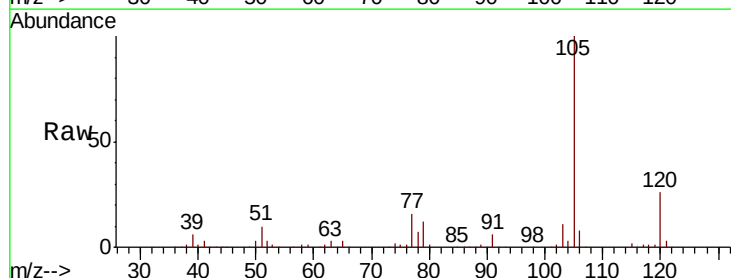
Instrument :
 MSVOA_N
 ClientSampleId :

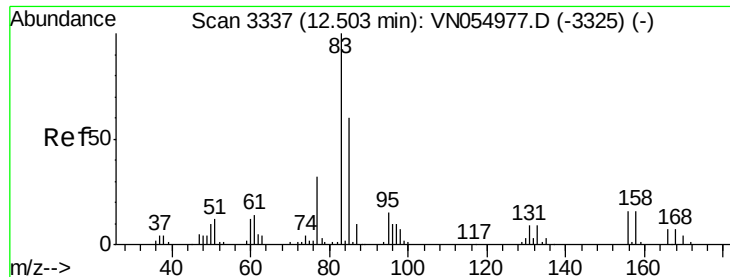
Tot Ion:104 Resp: 222381
 Ion Ratio Lower Upper
 104 100
 78 51.4 41.2 61.8
 103 57.7 44.6 67.0



#70
 Isopropylbenzene
 Concen: 20.350 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

Tgt Ion:105 Resp: 392525
 Ion Ratio Lower Upper
 105 100
 120 26.0 18.3 33.9

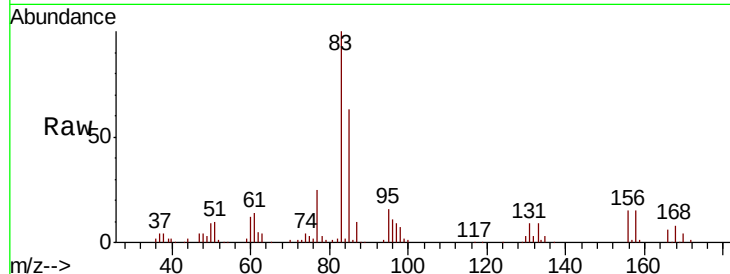




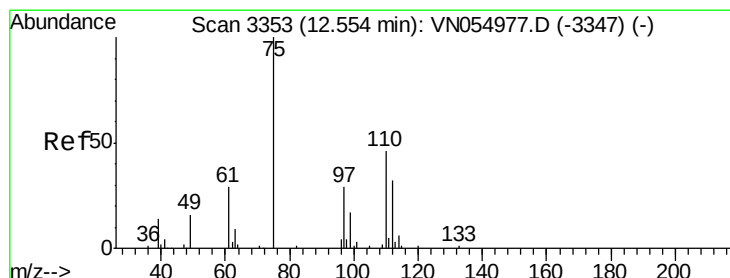
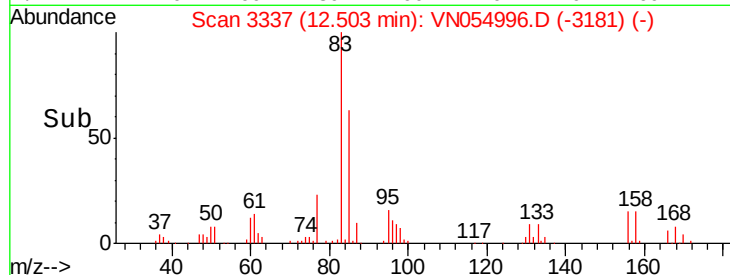
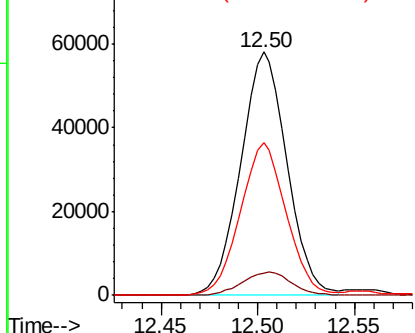
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.897 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	83	Resp	96601
Ion Ratio	100	Lower	Upper
83	100		
131	10.4	4.6	13.8
85	62.0	30.9	92.5

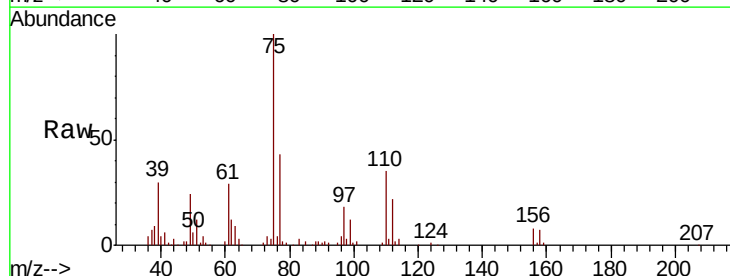


Abundance Ion 83.00 (82.70 to 83.70): VN054977.D (-3325) (-)
 Ion 131.00 (130.70 to 131.70): VN054977.D (-3325) (-)
 Ion 85.00 (84.70 to 85.70): VN054977.D (-3325) (-)

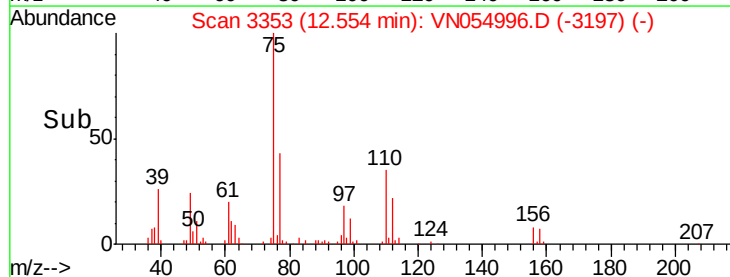
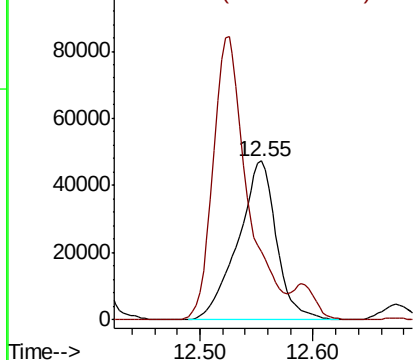


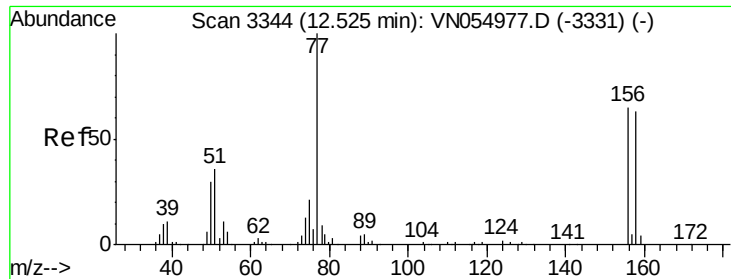
#72
 1,2,3-Trichloropropane
 Concen: 30.667 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

Tgt Ion	75	Resp	111729
Ion Ratio	100	Lower	Upper
75	100		
77	159.1	0.0	466.6



Abundance Ion 75.00 (74.70 to 75.70): VN054977.D (-3347) (-)
 Ion 77.00 (76.70 to 77.70): VN054977.D (-3347) (-)

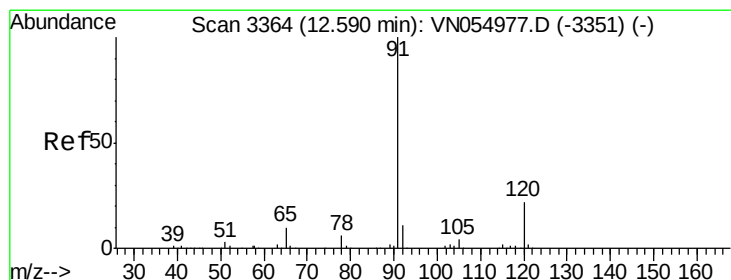
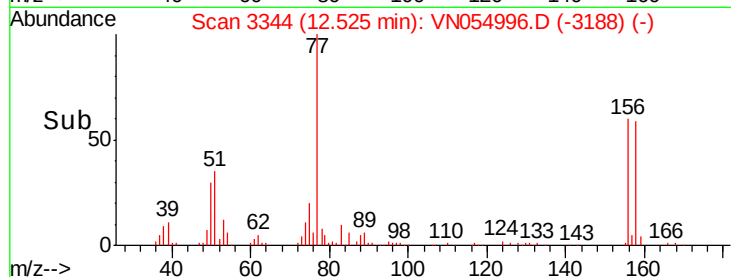
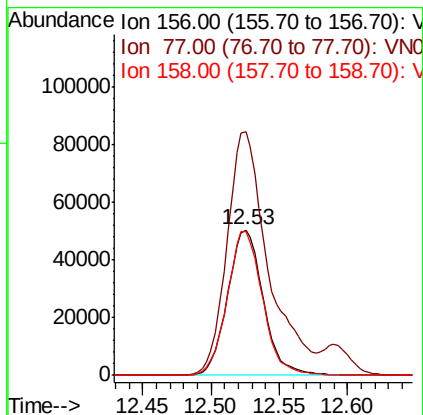
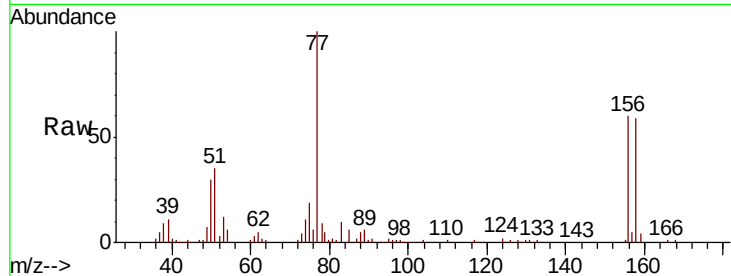




#73
Bromobenzene
Concen: 20.077 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

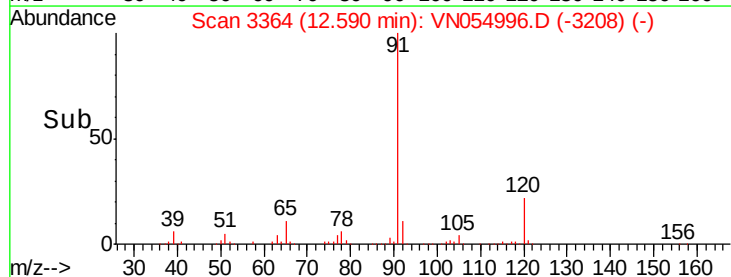
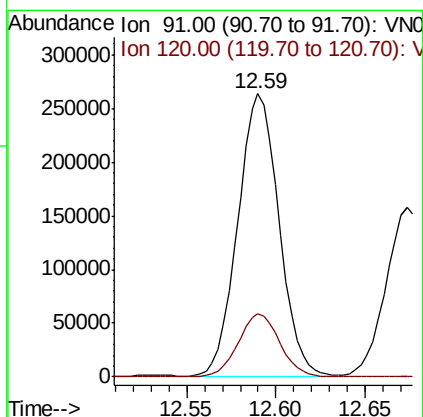
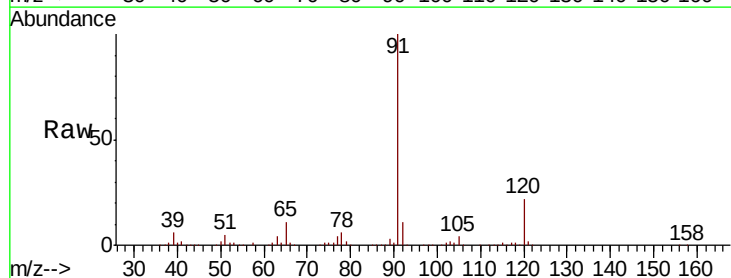
Instrument :
MSVOA_N
ClientSampled :

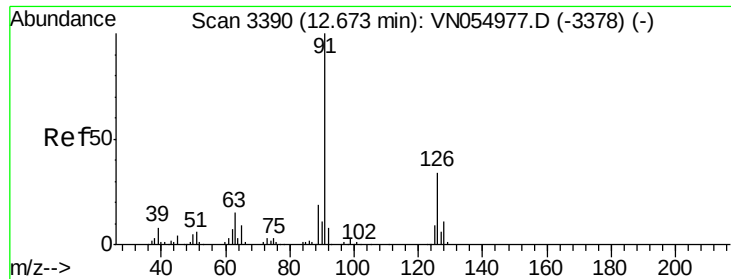
Tot Ion:156 Resp: 91531
Ion Ratio Lower Upper
156 100
77 194.2 0.0 383.2
158 98.0 0.0 193.8



#74
n-propylbenzene
Concen: 19.707 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion: 91 Resp: 425547
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.4





#75

2-Chlorotoluene

Concen: 20.425 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

Instrument :

MSVOA_N

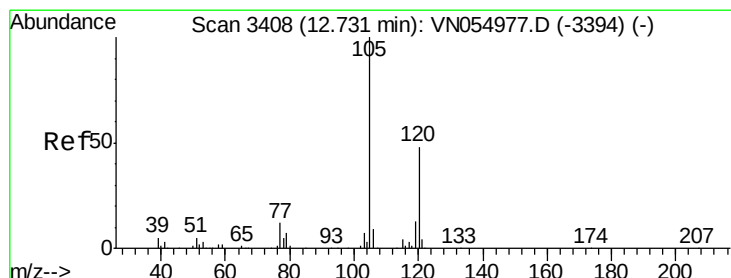
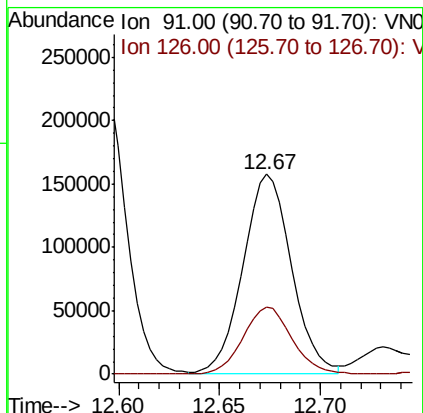
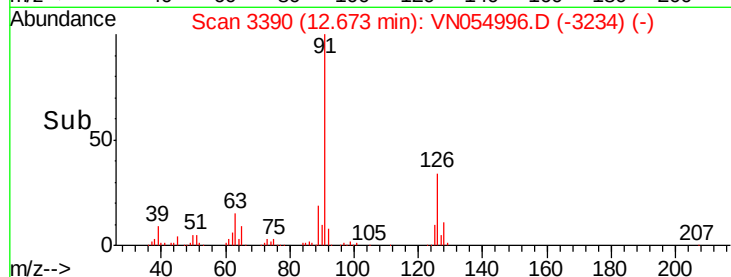
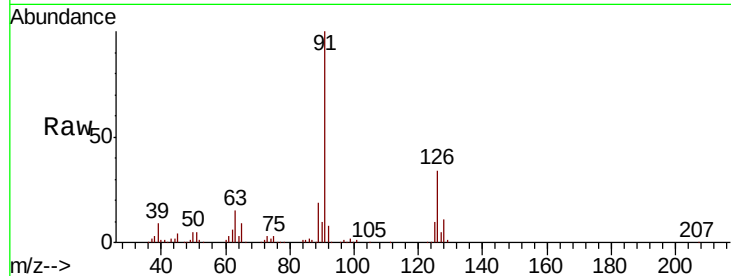
ClientSampled :

Tot Ion: 91 Resp: 266009

Ion Ratio Lower Upper

91 100

126 33.9 0.0 67.4



#76

1,3,5-Trimethylbenzene

Concen: 20.413 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054996.D

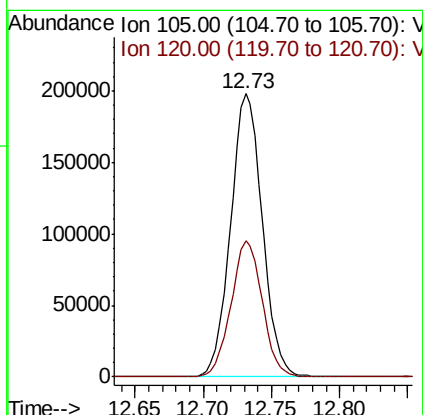
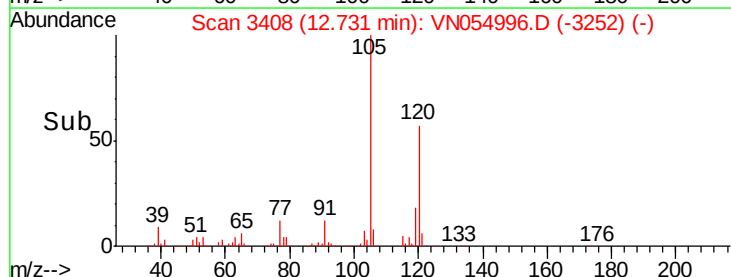
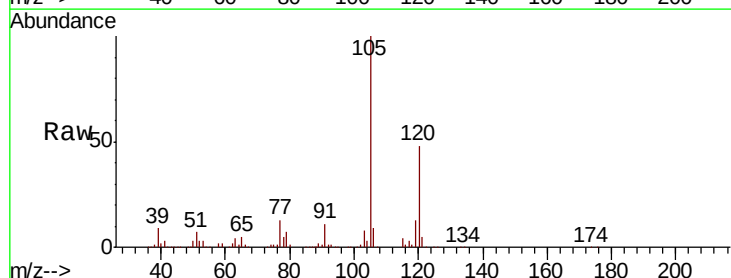
Acq: 12 Apr 2019 13:28

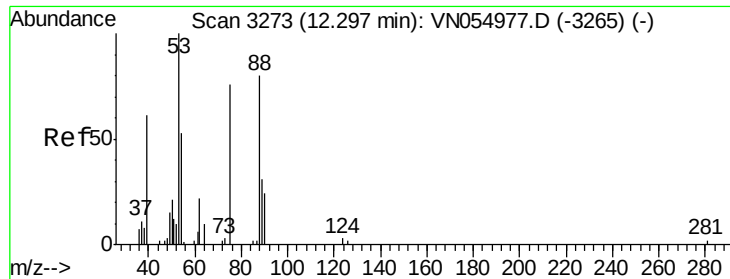
Tgt Ion: 105 Resp: 318315

Ion Ratio Lower Upper

105 100

120 47.6 0.0 94.8

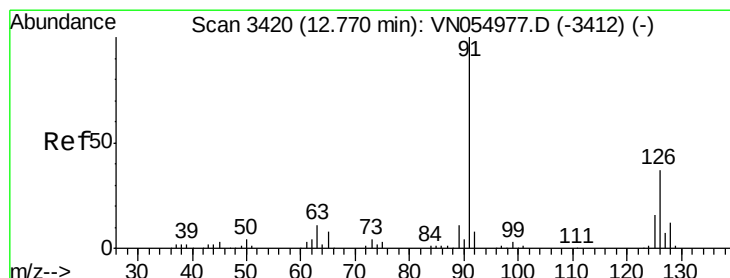
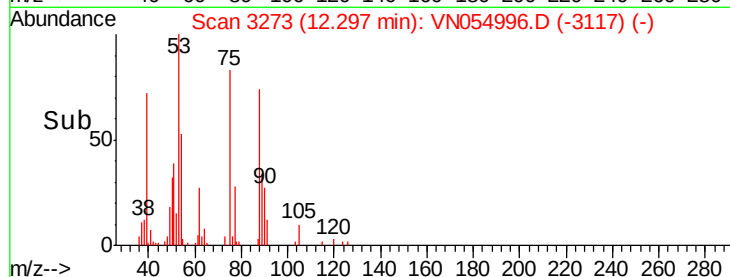
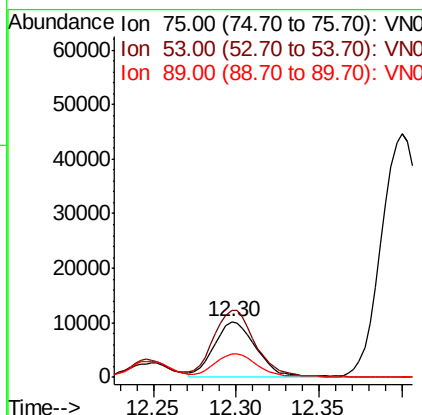
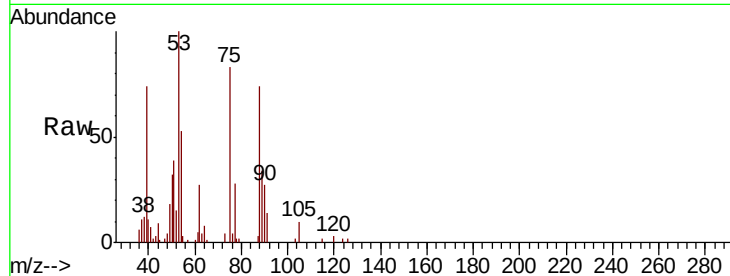




#77
t-1,4-Dichloro-2-butene
Concen: 19.734 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

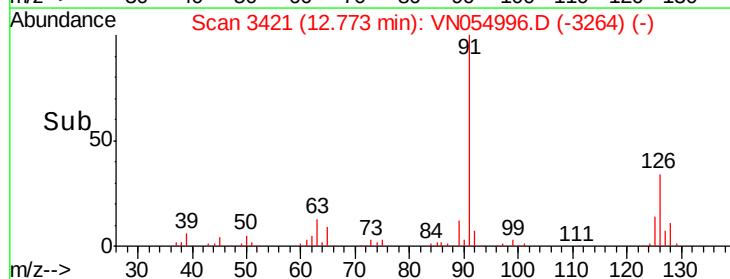
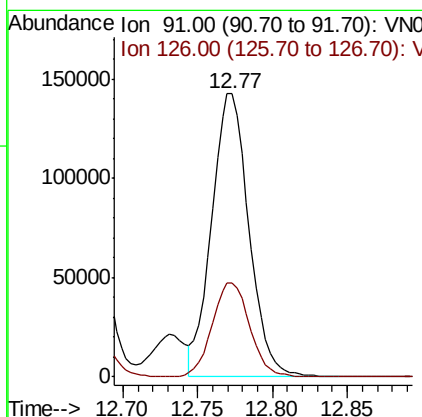
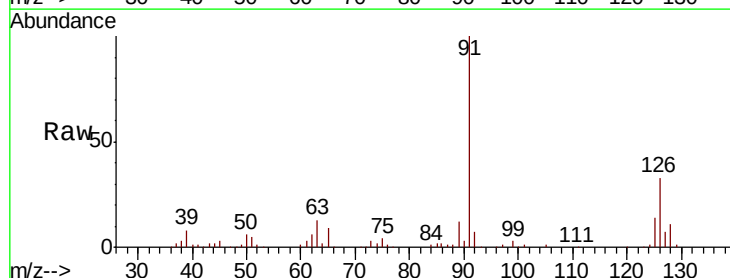
Instrument :
MSVOA_N
ClientSampled :

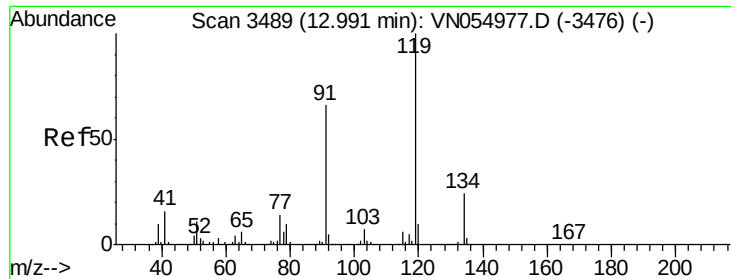
Tot Ion	75	Resp	18123
Ion	Ratio	Lower	Upper
75	100		
53	120.8	64.3	192.7
89	41.9	21.6	65.0



#78
4-Chlorotoluene
Concen: 19.840 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion	91	Resp	246193
Ion	Ratio	Lower	Upper
91	100		
126	33.3	0.0	66.6

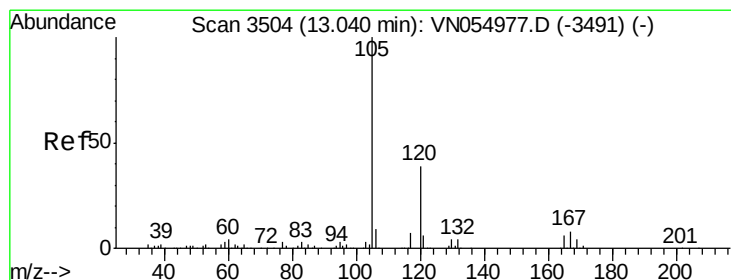
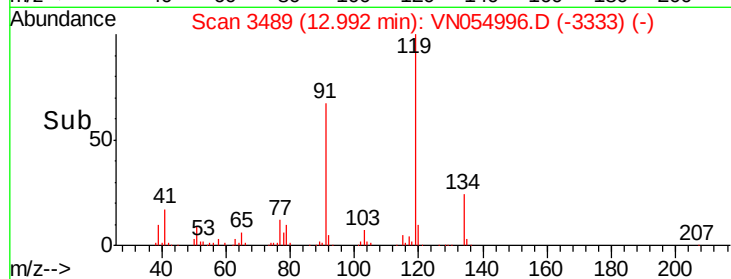
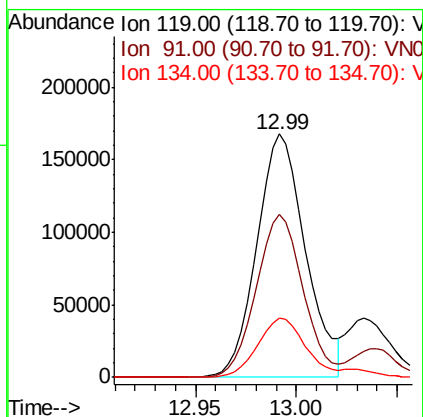
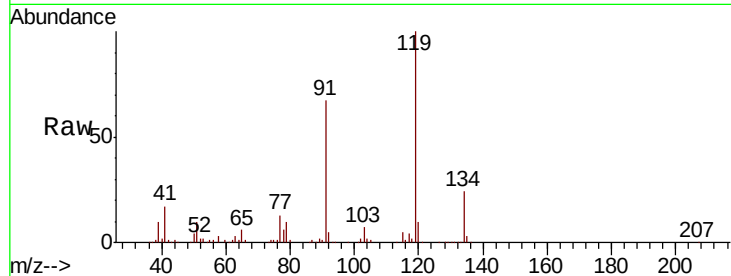




#79
tert-butylbenzene
Concen: 20.968 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

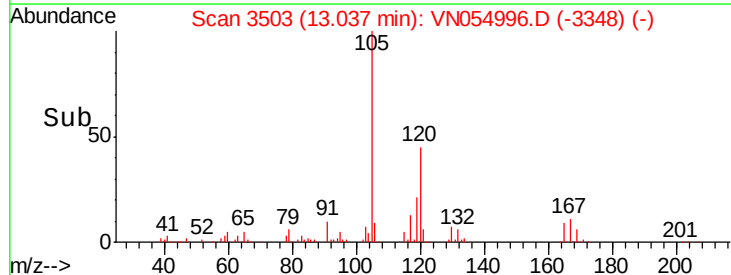
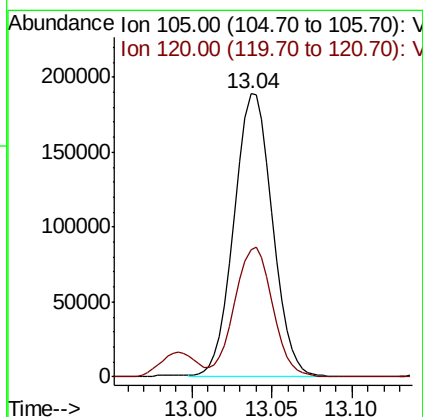
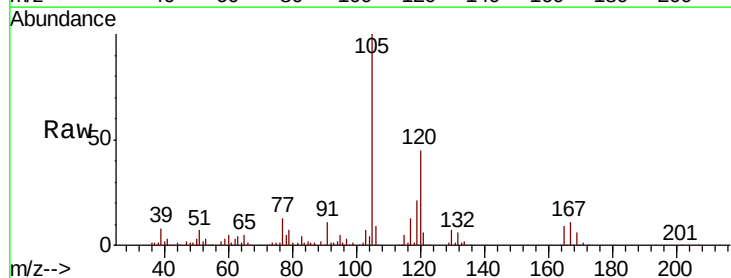
Instrument :
MSVOA_N
ClientSampleId :

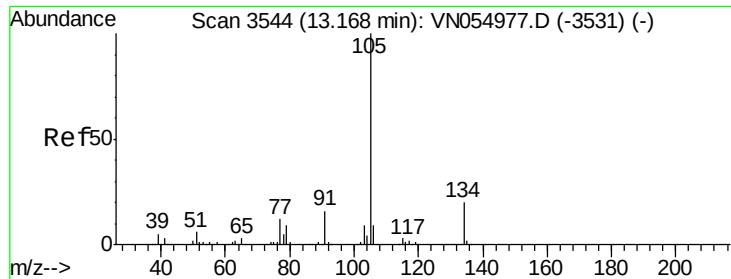
Tot Ion:119 Resp: 282923
Ion Ratio Lower Upper
119 100
91 64.4 0.0 132.6
134 23.7 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 20.226 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion:105 Resp: 309839
Ion Ratio Lower Upper
105 100
120 45.1 0.0 91.4





#81

sec-Butylbenzene

Concen: 20.221 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

Instrument :

MSVOA_N

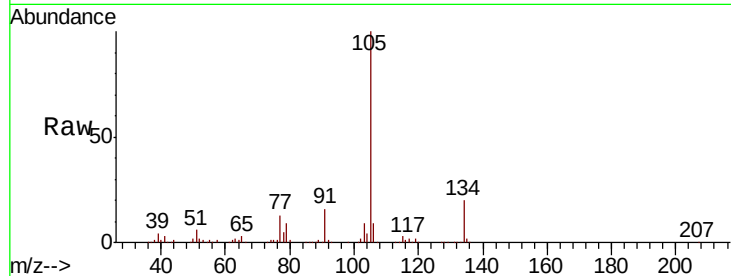
ClientSampled :

Tot Ion:105 Resp: 364562

Ion Ratio Lower Upper

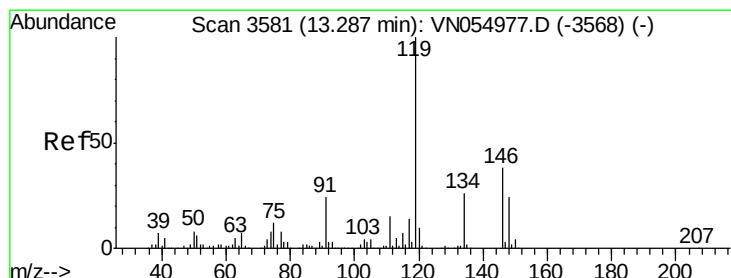
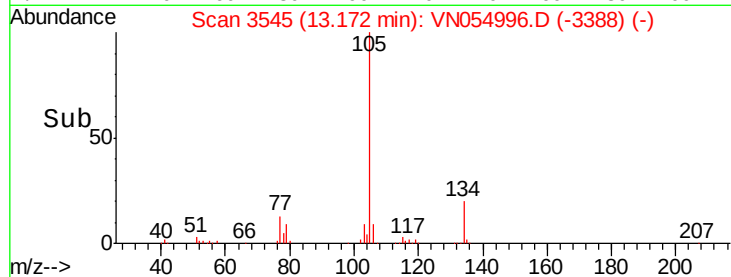
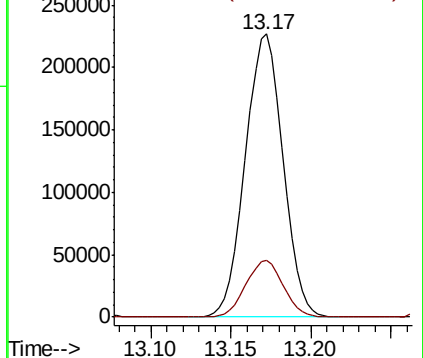
105 100

134 20.1 0.0 40.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.508 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

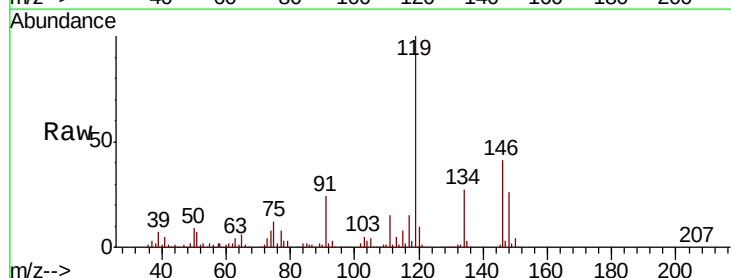
Tgt Ion:119 Resp: 296826

Ion Ratio Lower Upper

119 100

134 26.4 0.0 53.2

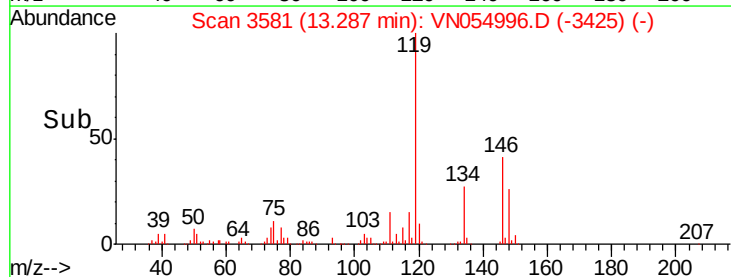
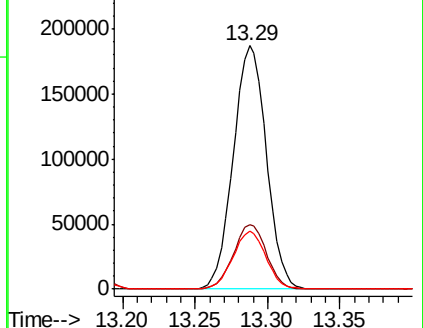
91 23.7 0.0 47.8

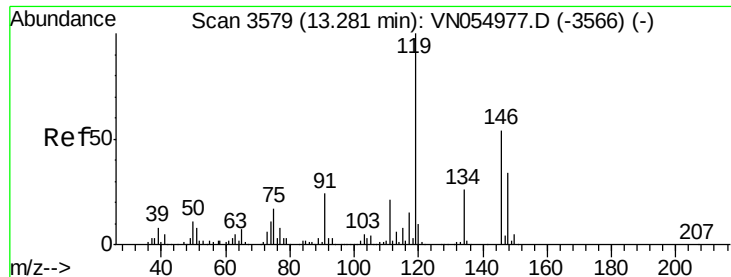


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

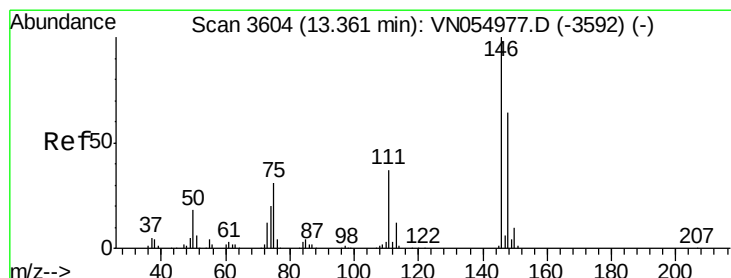
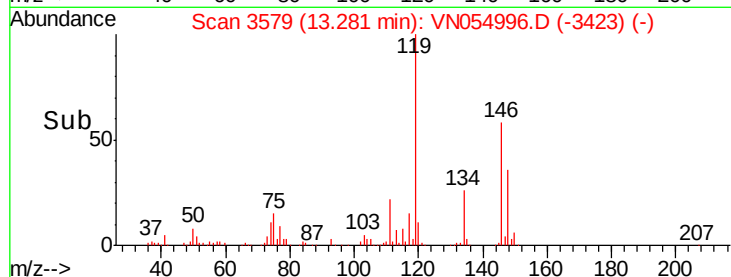
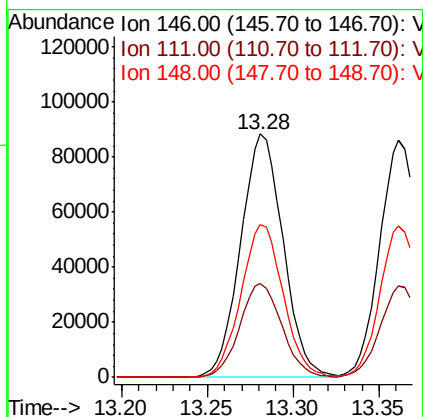
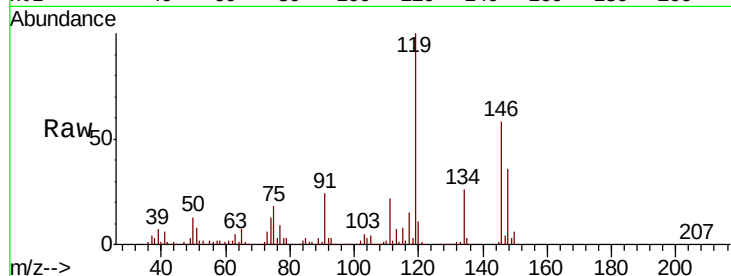




#83
 1,3-Dichlorobenzene
 Concen: 19.877 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

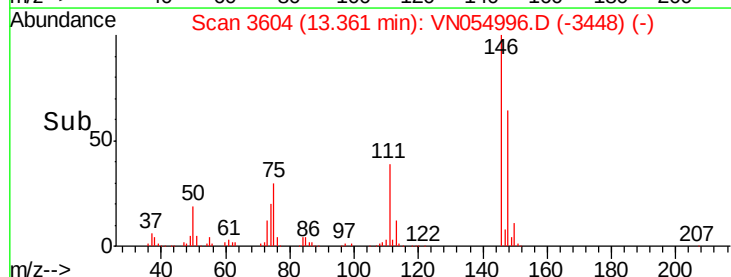
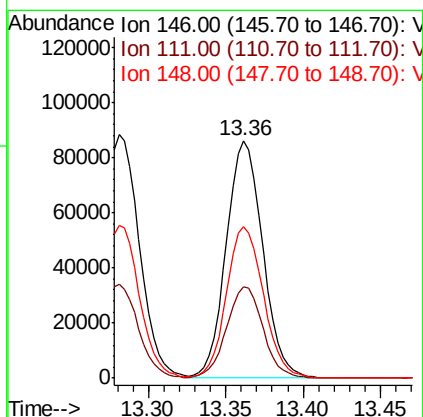
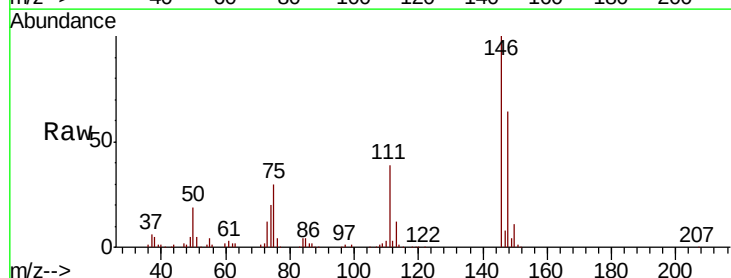
Instrument :
 MSVOA_N
 ClientSampleId :

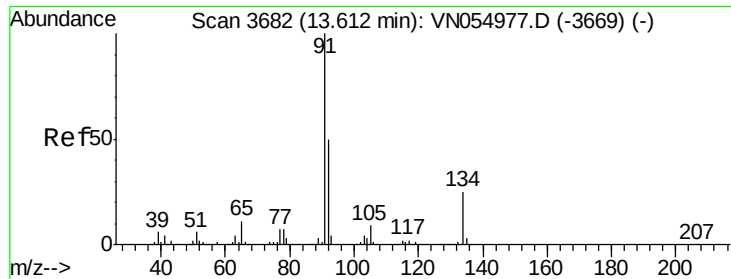
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.5
148	62.3	31.9	95.5



#84
 1,4-Dichlorobenzene
 Concen: 19.481 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.4	55.2
148	64.3	32.5	97.4

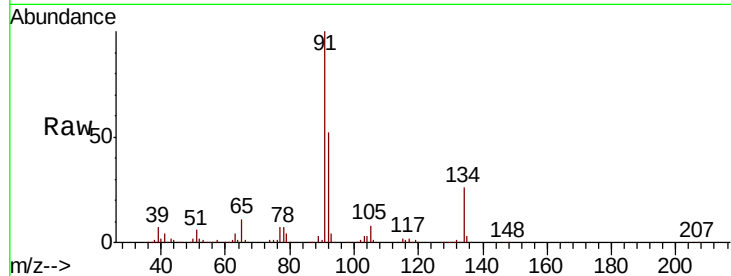




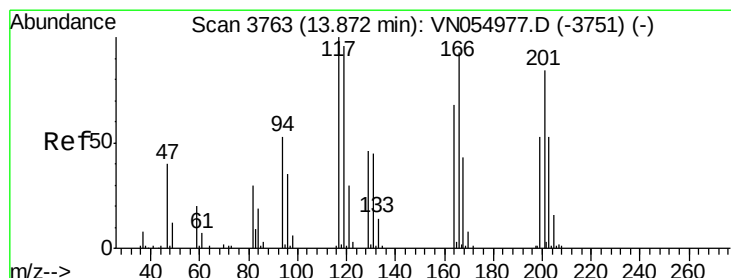
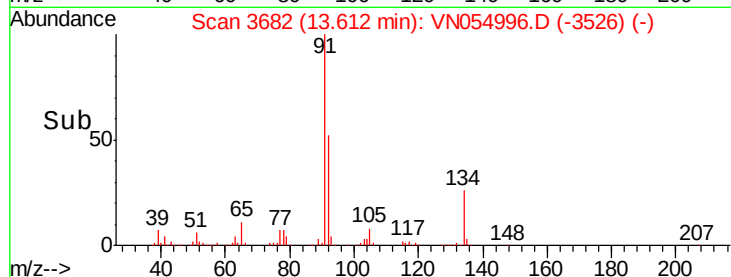
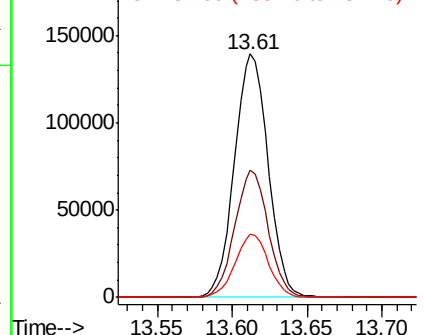
#85
n-Butylbenzene
Concen: 18.060 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 218899
Ion Ratio Lower Upper
91 100
92 51.8 0.0 101.4
134 25.7 0.0 49.8

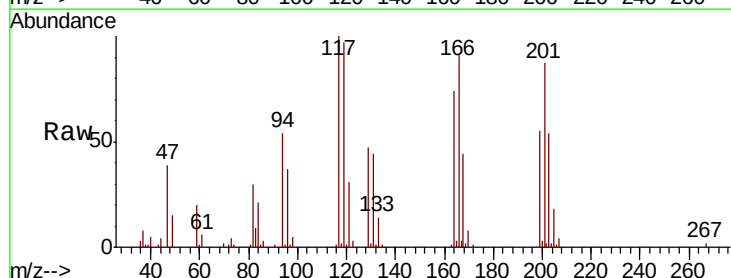


Abundance Ion 91.00 (90.70 to 91.70): VN054977.D (-3669) (-)
Ion 92.00 (91.70 to 92.70): VN054977.D (-3669) (-)
Ion 134.00 (133.70 to 134.70): VN054977.D (-3669) (-)

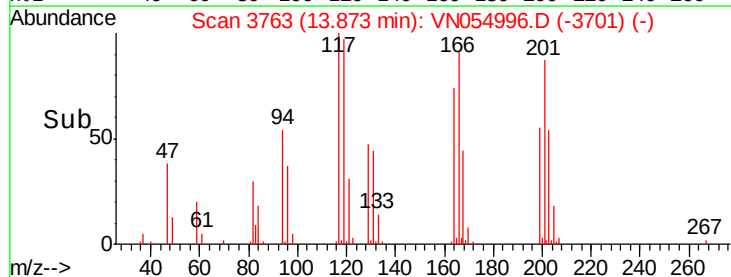
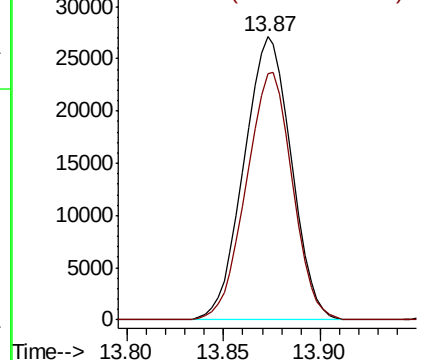


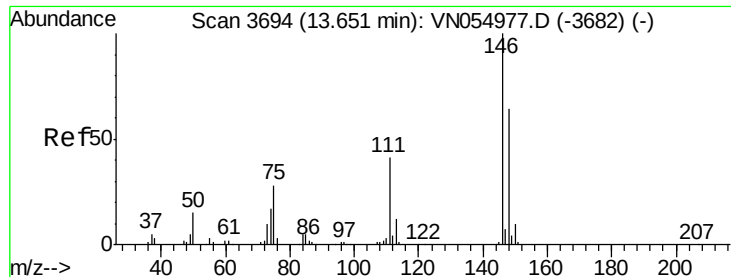
#86
Hexachloroethane
Concen: 18.962 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN054996.D
Acq: 12 Apr 2019 13:28

Tgt Ion: 117 Resp: 46187
Ion Ratio Lower Upper
117 100
201 85.3 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) (-)

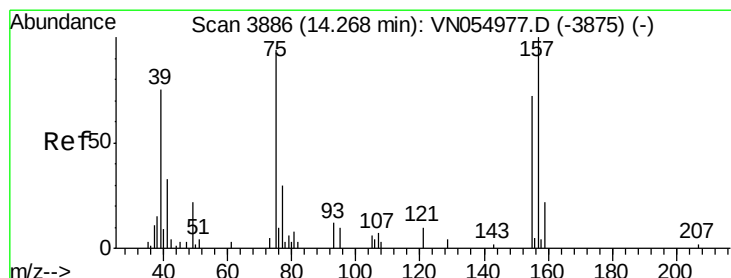
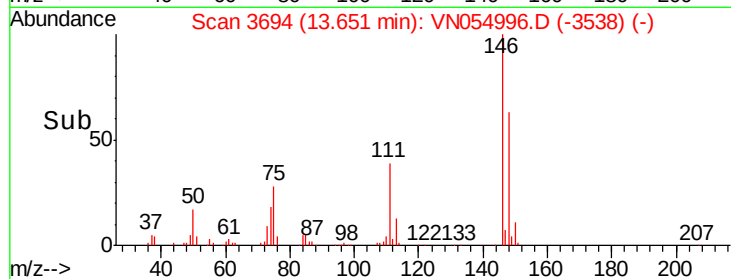
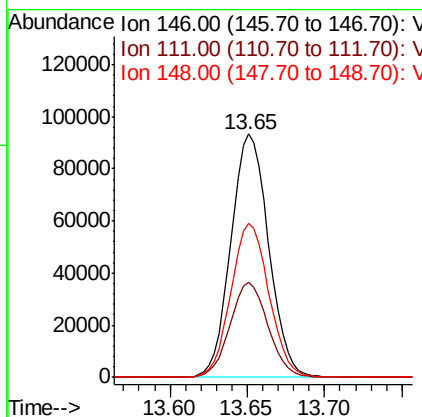
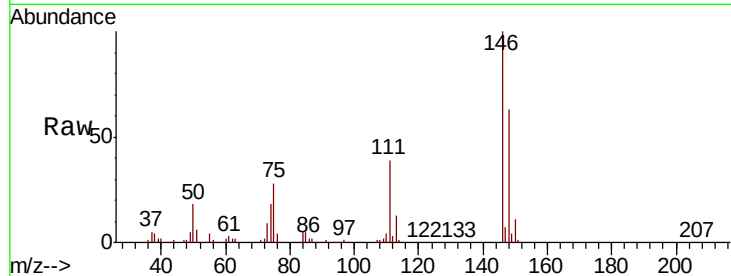




#87
 1,2-Dichlorobenzene
 Concen: 21.101 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

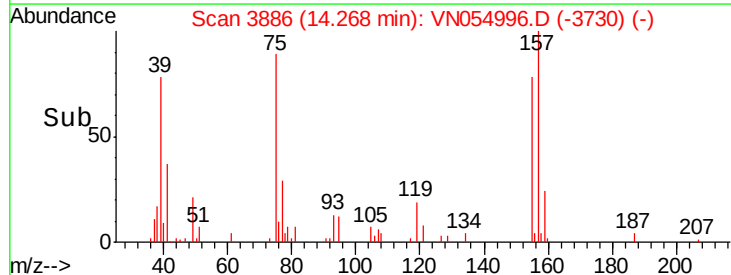
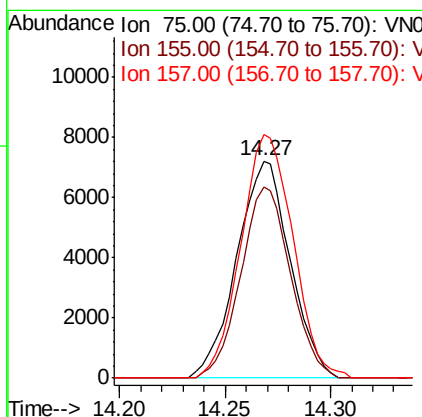
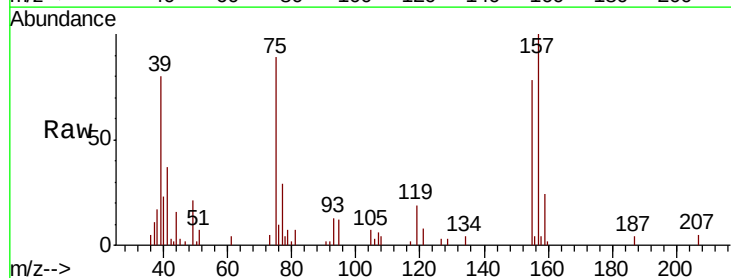
Instrument :
 MSVOA_N
 ClientSampleId :

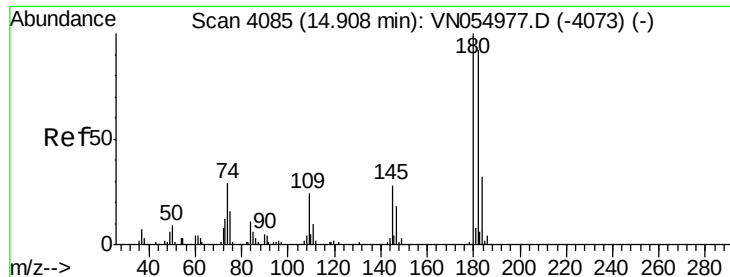
Tot Ion:146 Resp: 157610
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.3 60.8
 148 64.0 32.5 97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.631 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

Tgt Ion: 75 Resp: 12683
 Ion Ratio Lower Upper
 75 100
 155 82.1 61.8 92.8
 157 109.7 82.7 124.1

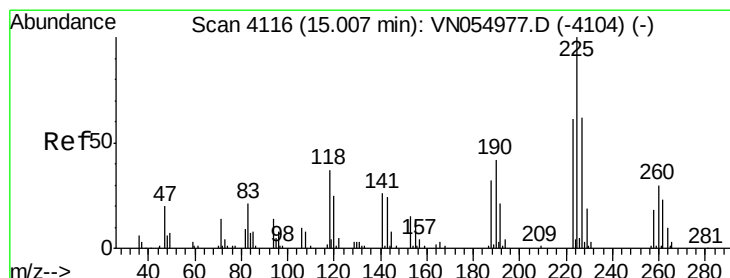
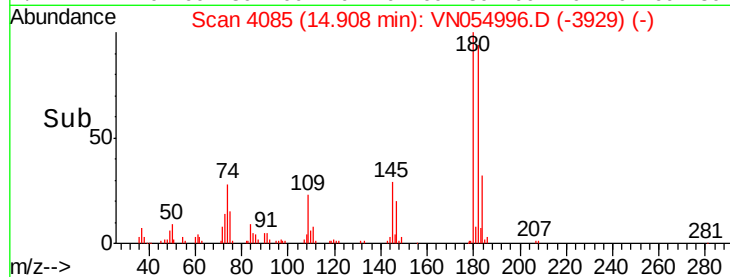
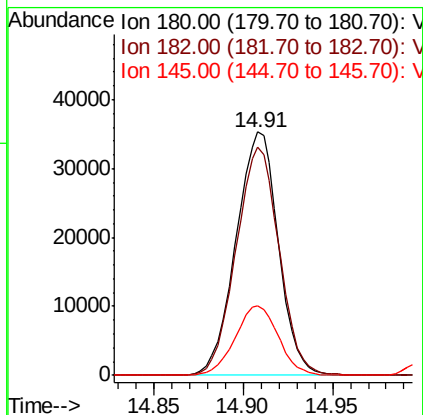
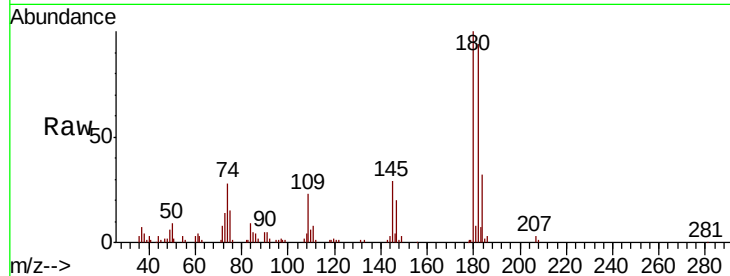




#89
 1,2,4-Trichlorobenzene
 Concen: 17.546 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

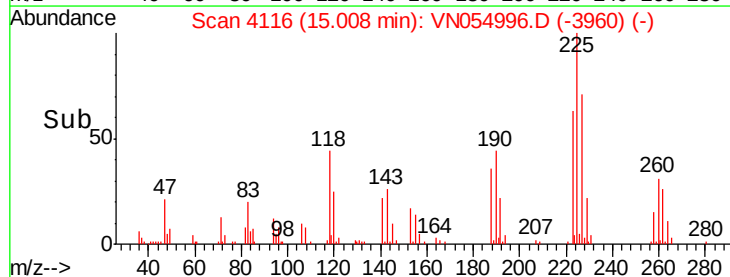
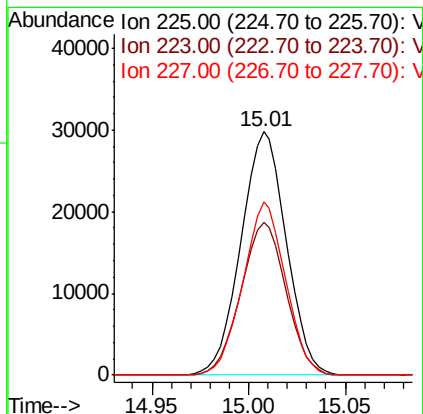
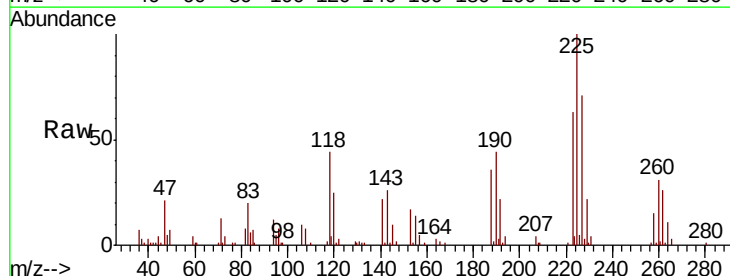
Instrument :
 MSVOA_N
 ClientSampleId :

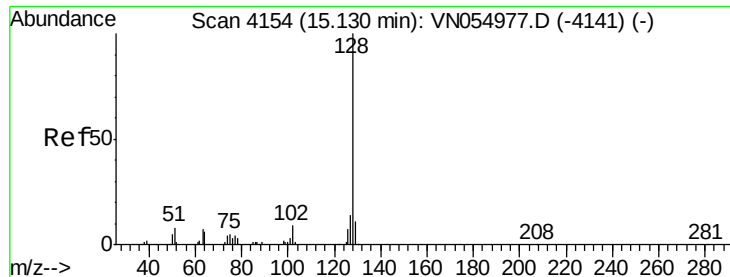
Tot Ion:180 Resp: 58591
 Ion Ratio Lower Upper
 180 100
 182 95.2 73.2 109.8
 145 29.0 23.2 34.8



#90
 Hexachlorobutadiene
 Concen: 19.951 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054996.D
 Acq: 12 Apr 2019 13:28

Tgt Ion:225 Resp: 48574
 Ion Ratio Lower Upper
 225 100
 223 62.5 0.0 126.0
 227 67.1 0.0 125.4





#91

Naphthalene

Concen: 18.232 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

Instrument :

MSVOA_N

ClientSampleId :

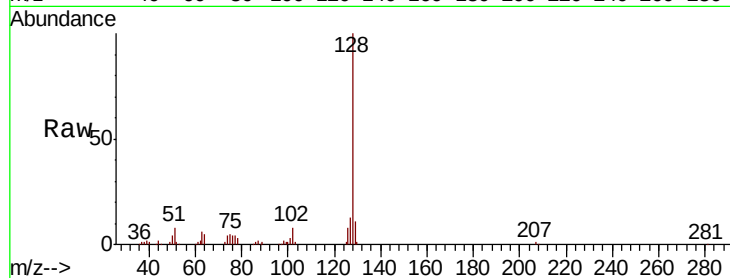
Tot Ion:128 Resp: 127484

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

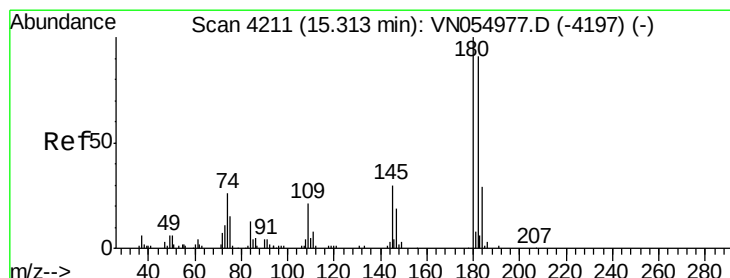
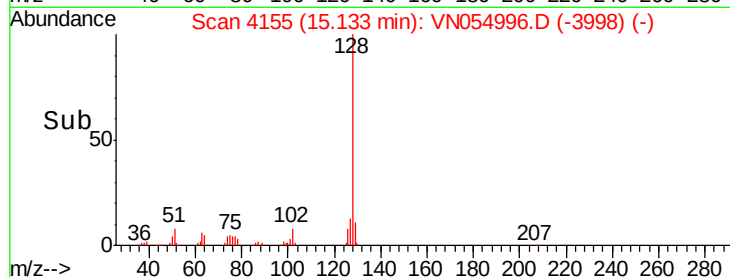
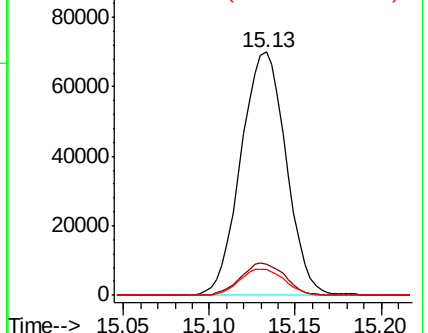
129 10.8 9.0 13.6



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: 18.723 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054996.D

Acq: 12 Apr 2019 13:28

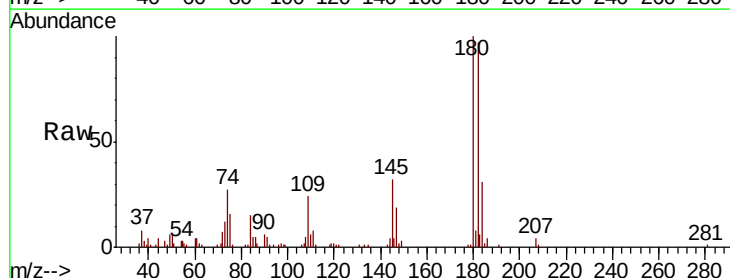
Tgt Ion:180 Resp: 62530

Ion Ratio Lower Upper

180 100

182 93.0 0.0 188.2

145 31.8 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

