

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054934.D
 Acq On : 3 Apr 2019 19:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 04 01:13:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	405536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	668213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	587378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	270715	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	284364	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
35) Dibromofluoromethane	7.59	113	229304	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
50) Toluene-d8	10.09	98	849406	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.40	95	291495	52.92	ug/l	0.00
Spiked Amount			Recovery	=	105.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	187063	45.603	ug/l	99
3) Chloromethane	2.06	50	262581	46.296	ug/l	99
4) Vinyl Chloride	2.19	62	235473	46.231	ug/l	98
5) Bromomethane	2.57	94	133280	49.906	ug/l	97
6) Chloroethane	2.71	64	137086	48.200	ug/l	97
7) Trichlorofluoromethane	3.02	101	312105	49.842	ug/l	99
8) Diethyl Ether	3.41	74	105984	52.562	ug/l	70
9) 1,1,2-Trichlorotrifluoroet	3.75	101	166210	50.421	ug/l	94
10) Methyl Iodide	3.95	142	231154	51.223	ug/l #	88
11) Tert butyl alcohol	4.82	59	76187	267.485	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	158322	49.666	ug/l #	75
13) Acrolein	3.61	56	60271	236.700	ug/l	99
14) Allyl chloride	4.32	41	394720	50.271	ug/l #	91
15) Acrylonitrile	5.00	53	439276	277.469	ug/l	100
16) Acetone	3.82	43	340778	261.408	ug/l #	81
17) Carbon Disulfide	4.04	76	439449	42.503	ug/l	99
18) Methyl Acetate	4.33	43	201241	59.441	ug/l #	89
19) Methyl tert-butyl Ether	5.06	73	597209	53.558	ug/l	94
20) Methylene Chloride	4.55	84	231500	50.343	ug/l #	86
21) trans-1,2-Dichloroethene	5.04	96	205580	49.099	ug/l	86
22) Diisopropyl ether	5.96	45	843454	54.312	ug/l #	93
23) Vinyl Acetate	5.90	43	3016691	279.138	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	434880	52.496	ug/l	97
25) 2-Butanone	6.85	43	556638	288.862	ug/l #	88
26) 2,2-Dichloropropane	6.82	77	308495	53.132	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	249129	52.670	ug/l	87
28) Bromochloromethane	7.19	49	220919	53.332	ug/l #	71
29) Tetrahydrofuran	7.22	42	362580	270.906	ug/l #	83
30) Chloroform	7.37	83	425302	53.841	ug/l	96
31) Cyclohexane	7.65	56	390602	51.822	ug/l	85
32) 1,1,1-Trichloroethane	7.57	97	346513	52.933	ug/l	95
36) 1,1-Dichloropropene	7.79	75	310340	49.842	ug/l	95
37) Ethyl Acetate	6.94	43	243463	53.321	ug/l #	94
38) Carbon Tetrachloride	7.77	117	300121	49.627	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	341279	49.856	ug/l #	88
40) Benzene	8.04	78	926143	51.983	ug/l	100
41) Methacrylonitrile	7.18	41	146935	57.285	ug/l #	87
42) 1,2-Dichloroethane	8.13	62	332000	52.189	ug/l	96
43) Isopropyl Acetate	8.17	43	415771	56.040	ug/l #	94
44) Trichloroethene	8.84	130	239138	51.707	ug/l	93
45) 1,2-Dichloropropane	9.12	63	266550	52.469	ug/l	100
46) Dibromomethane	9.21	93	151960	53.174	ug/l	88
47) Bromodichloromethane	9.40	83	322126	54.236	ug/l	97
48) Methyl methacrylate	9.20	41	209699	52.142	ug/l	89
49) 1,4-Dioxane	9.20	88	43578	1092.057	ug/l #	83
51) 4-Methyl-2-Pentanone	9.99	43	1185679	284.252	ug/l	93
52) Toluene	10.16	92	560661	52.886	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	311292	55.718	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	374512	56.116	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	208248	52.828	ug/l	98
56) Ethyl methacrylate	10.43	69	290037	56.088	ug/l #	83
57) 1,3-Dichloropropane	10.71	76	367066	54.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	581500	260.598	ug/l #	88
59) 2-Hexanone	10.75	43	747542	279.952	ug/l	90
60) Dibromochloromethane	10.90	129	222104	55.621	ug/l	99
61) 1,2-Dibromoethane	11.01	107	202196	53.673	ug/l	100
64) Tetrachloroethene	10.63	164	221321	49.102	ug/l	97
65) Chlorobenzene	11.43	112	592139	51.489	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	228997	53.199	ug/l	99
67) Ethyl Benzene	11.51	91	1066785	51.405	ug/l	97
68) m/p-Xylenes	11.62	106	788086	102.618	ug/l	94
69) o-Xylene	11.95	106	385785	51.228	ug/l	94
70) Styrene	11.96	104	658613	54.697	ug/l	97
71) Bromoform	12.13	173	138375	54.873	ug/l #	98
73) Isopropylbenzene	12.25	105	1033799	46.721	ug/l	97
74) N-amyl acetate	12.07	43	341776	49.579	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	262303	53.908	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	314019	66.771	ug/l #	100
77) Bromobenzene	12.53	156	254097	47.581	ug/l	86
78) n-propylbenzene	12.59	91	1169565	48.090	ug/l	96
79) 2-Chlorotoluene	12.67	91	705731	46.905	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	863309	47.549	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	60701	50.205	ug/l #	85
82) 4-Chlorotoluene	12.77	91	701105	47.974	ug/l	95
83) tert-Butylbenzene	12.99	119	735226	52.362	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	857906	49.598	ug/l	97
85) sec-Butylbenzene	13.17	105	948305	48.081	ug/l	97
86) p-Isopropyltoluene	13.29	119	838967	48.229	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	435384	48.695	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	428138	48.823	ug/l	99
89) n-Butylbenzene	13.61	91	702059	49.466	ug/l	96
90) Hexachloroethane	13.87	117	142378	48.206	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	432779	47.962	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	37735	49.885	ug/l	86

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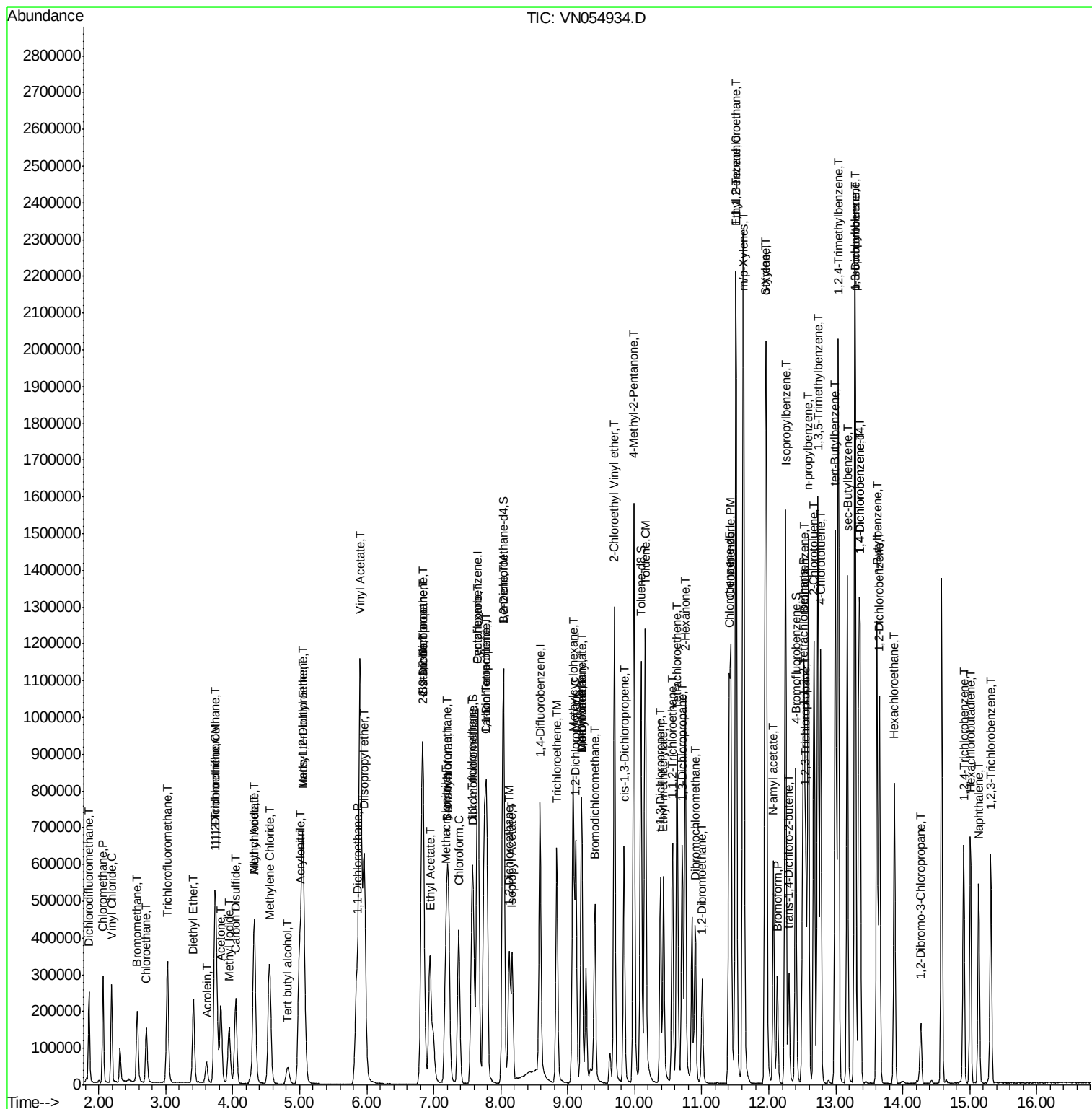
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	215765	49.598	ug/l	99
94) Hexachlorobutadiene	15.01	225	133740	51.995	ug/l	99
95) Naphthalene	15.13	128	468426	48.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	212242	48.309	ug/l	98

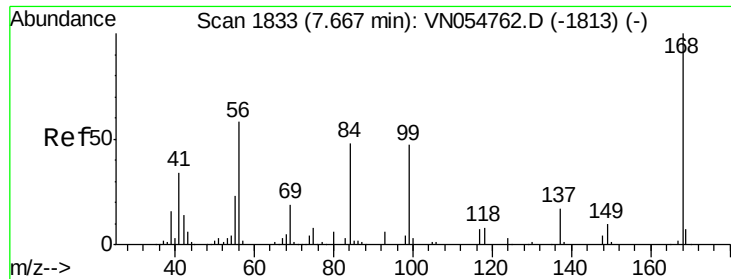
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

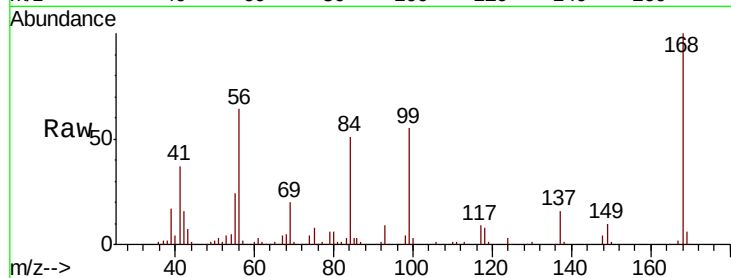
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 405536

Ion Ratio Lower Upper

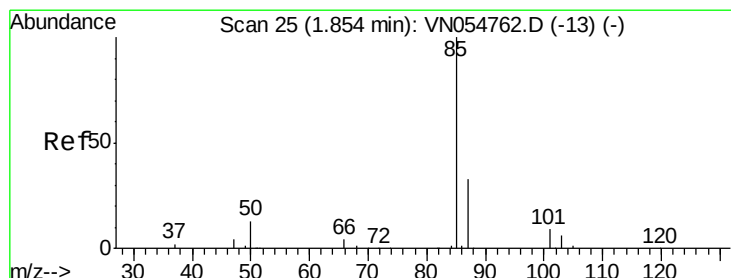
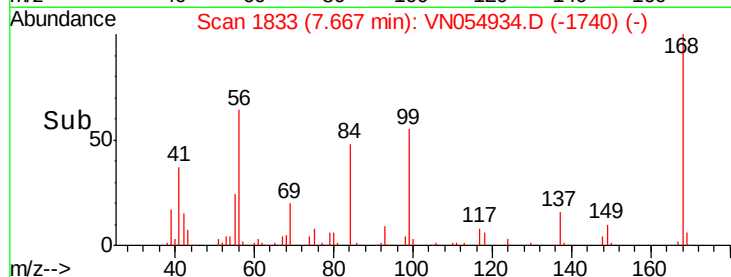
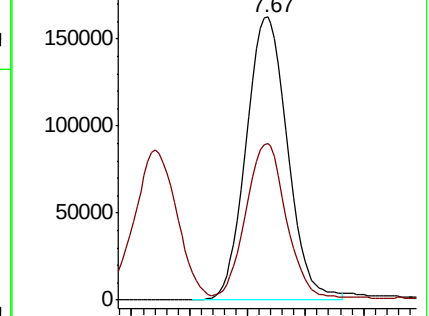
168 100

99 54.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 45.603 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054934.D

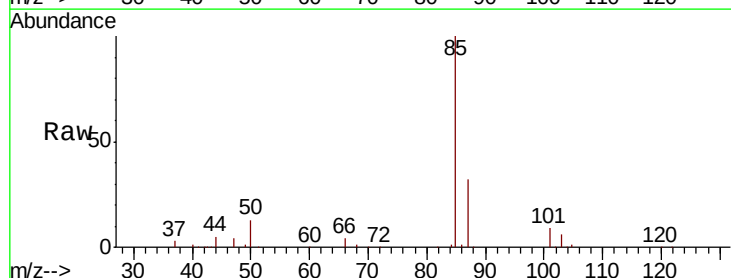
Acq: 3 Apr 2019 19:31

Tgt Ion: 85 Resp: 187063

Ion Ratio Lower Upper

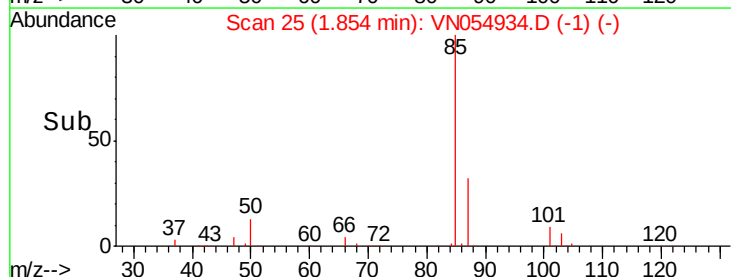
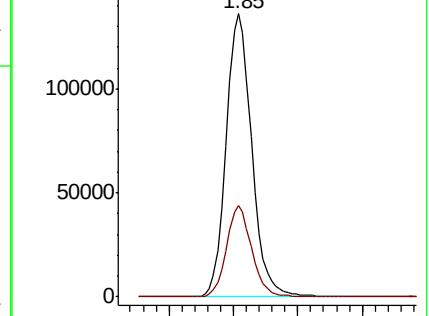
85 100

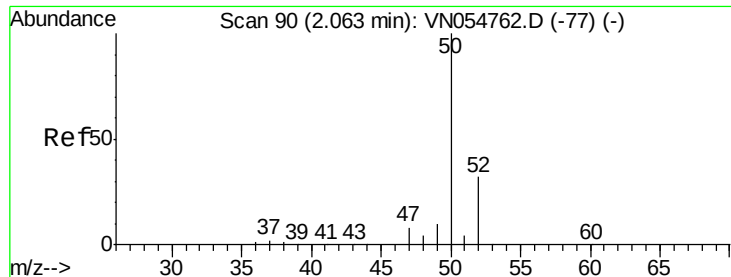
87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

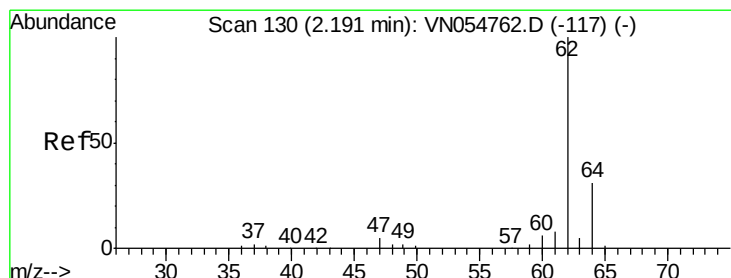
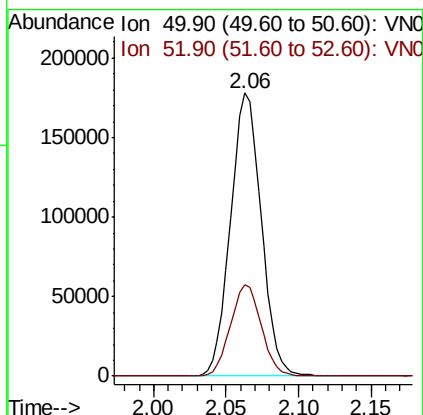
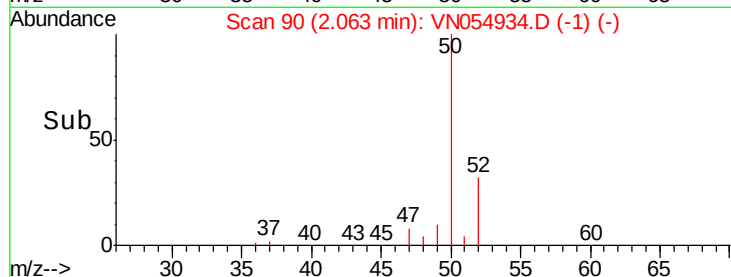
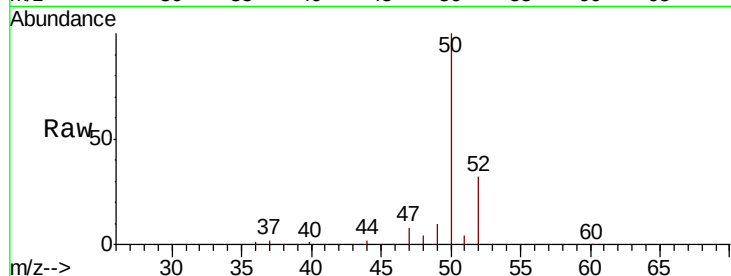




#3
Chloromethane
Concen: 46.296 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

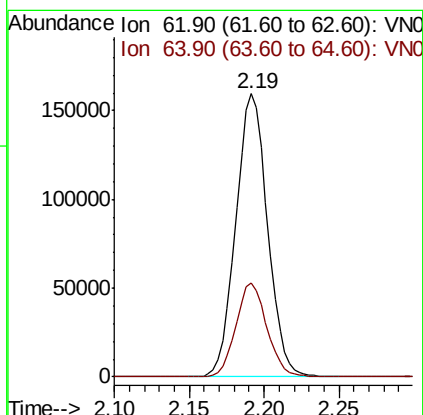
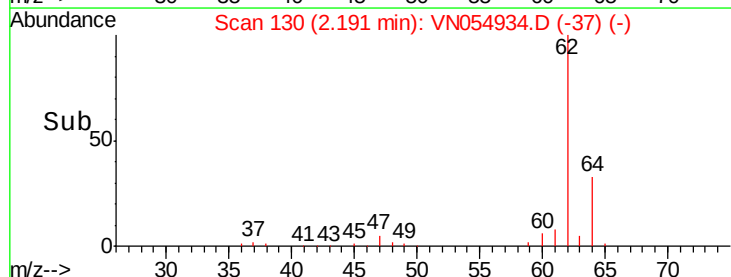
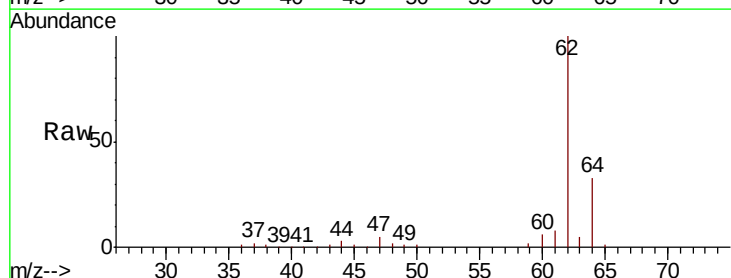
Instrument :
MSVOA_N
ClientSampleId :

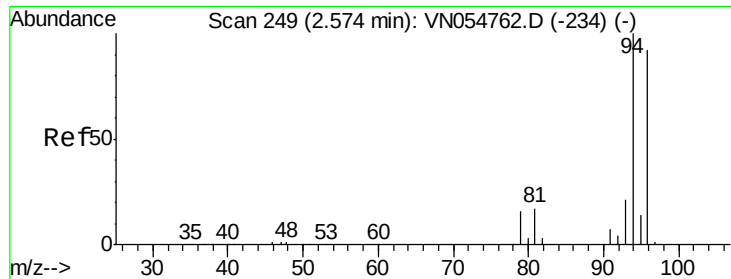
Tot Ion: 50 Resp: 262581
Ion Ratio Lower Upper
50 100
52 32.2 26.4 39.6



#4
Vinyl Chloride
Concen: 46.231 ug/l
RT: 2.19 min Scan# 130
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion: 62 Resp: 235473
Ion Ratio Lower Upper
62 100
64 33.1 25.5 38.3





#5

Bromomethane

Concen: 49.906 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

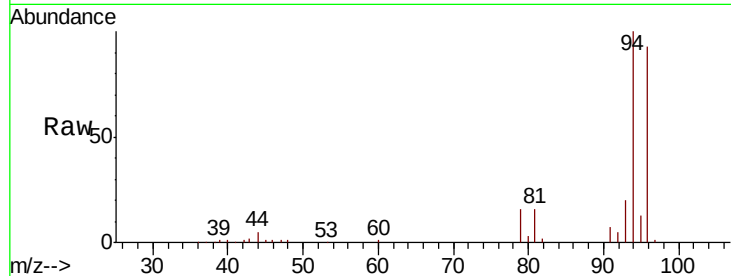
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 133280

Ion Ratio Lower Upper

94 100

96 93.1 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN054762.D (-234) (-)

Ion 95.90 (95.60 to 96.60): VN054934.D (-156) (-)

2.57

80000

60000

40000

20000

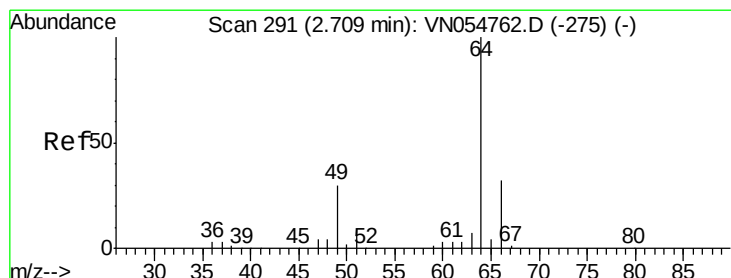
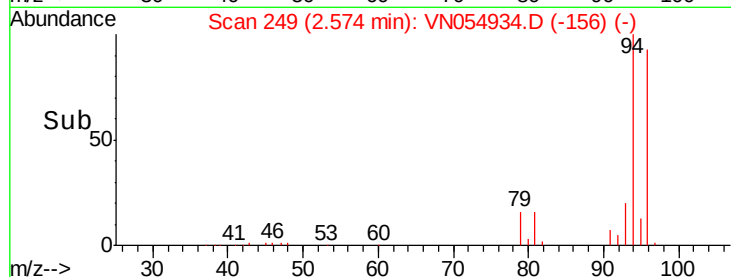
0

Time-->

2.50

2.60

2.70



#6

Chloroethane

Concen: 48.200 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN054934.D

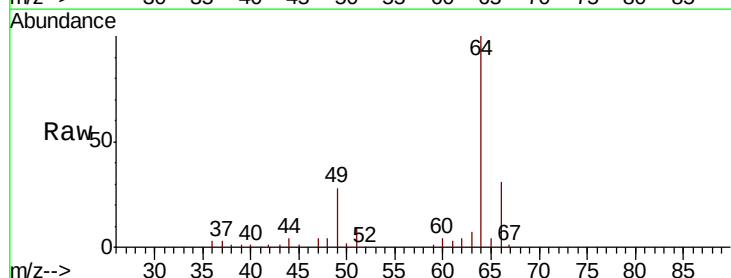
Acq: 3 Apr 2019 19:31

Tgt Ion: 64 Resp: 137086

Ion Ratio Lower Upper

64 100

66 30.7 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN054762.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN054934.D (-198) (-)

2.71

80000

60000

40000

20000

0

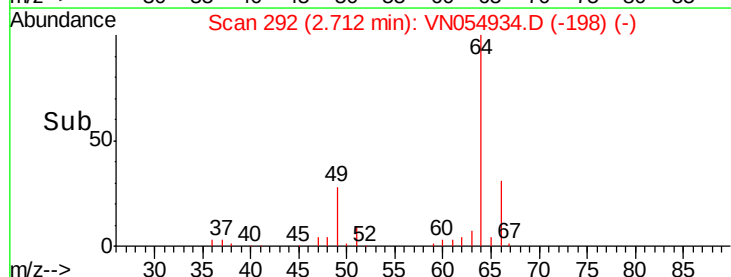
Time-->

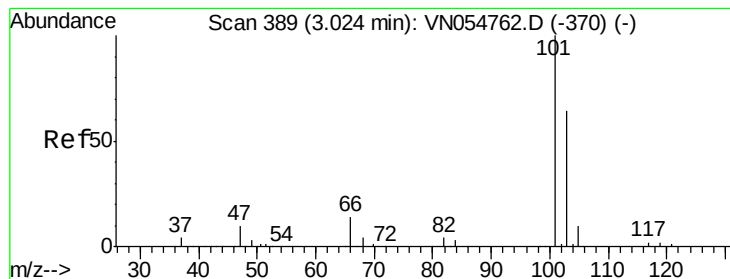
2.65

2.70

2.75

2.80



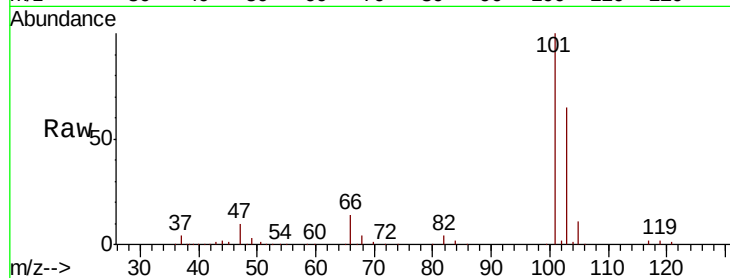


#7

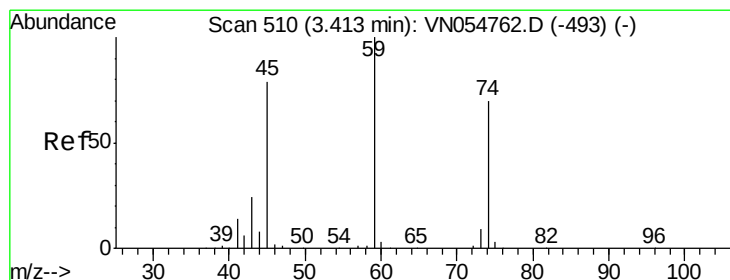
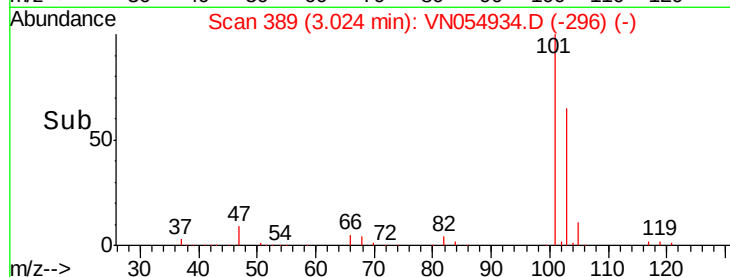
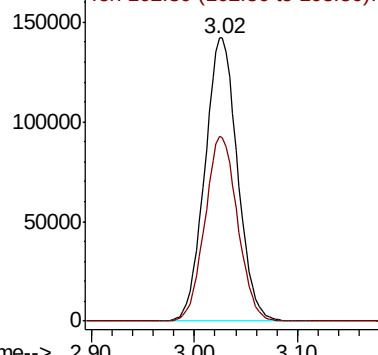
Trichlorofluoromethane
Concen: 49.842 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:101 Resp: 312105
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2



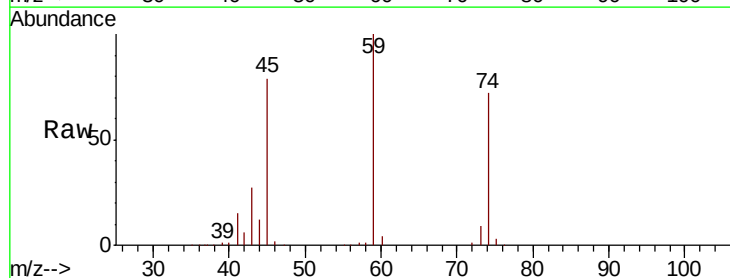
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



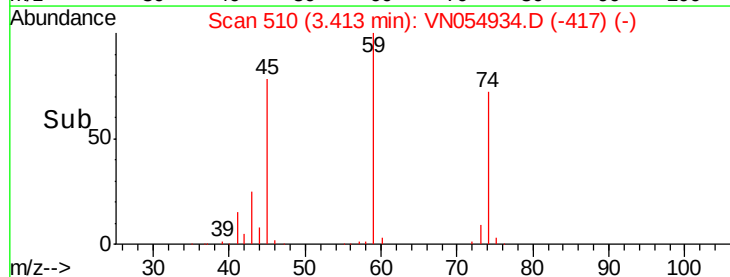
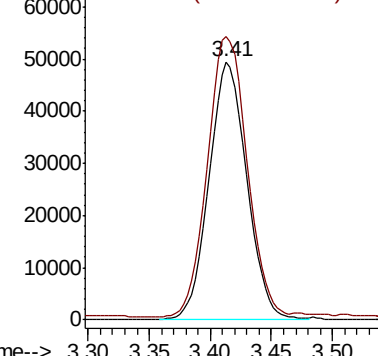
#8

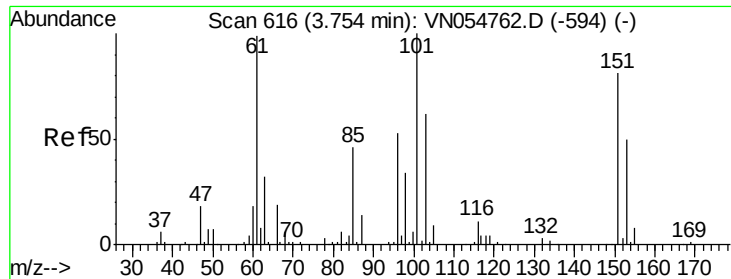
Diethyl Ether
Concen: 52.562 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion: 74 Resp: 105984
Ion Ratio Lower Upper
74 100
45 113.8 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): V
Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.421 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :

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ClientSampleId :

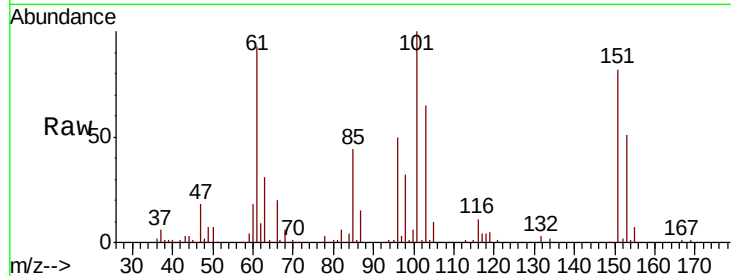
Tot Ion:101 Resp: 166210

Ion Ratio Lower Upper

101 100

85 46.1 32.4 48.6

151 81.2 68.2 102.2

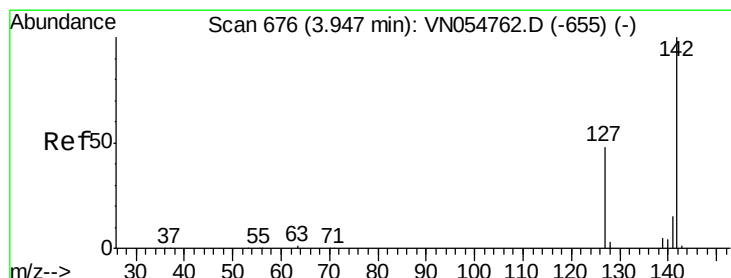
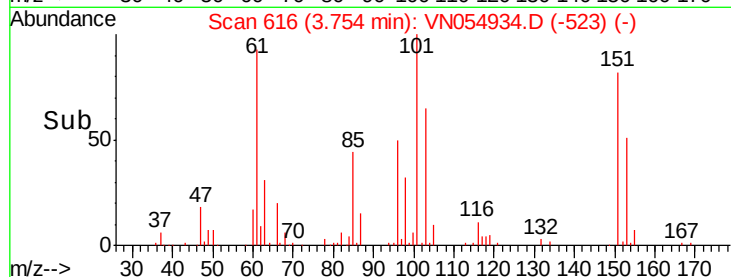
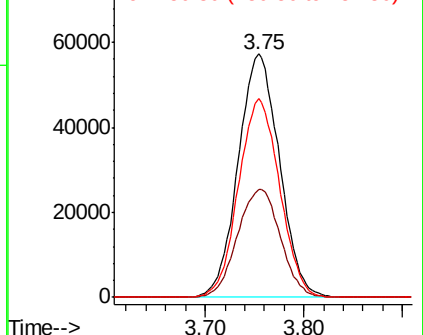


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.223 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

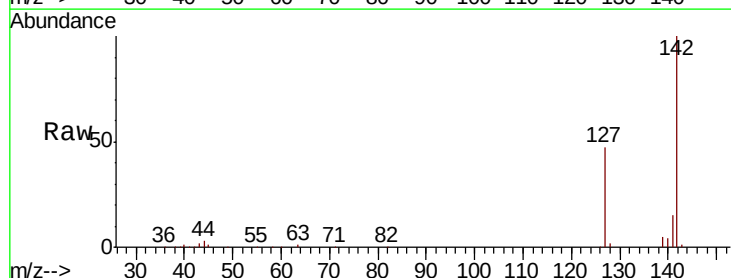
Tgt Ion:142 Resp: 231154

Ion Ratio Lower Upper

142 100

127 47.8 30.3 45.5#

141 14.5 11.2 16.8

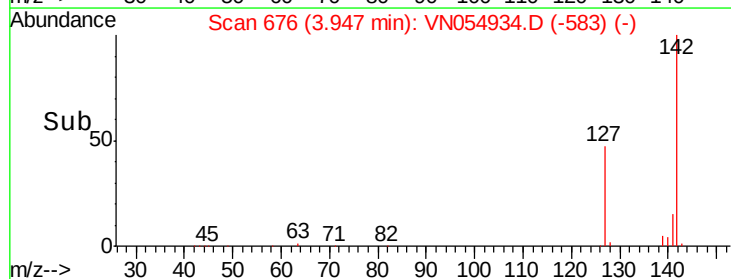
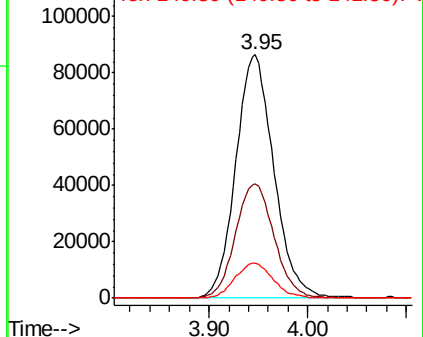


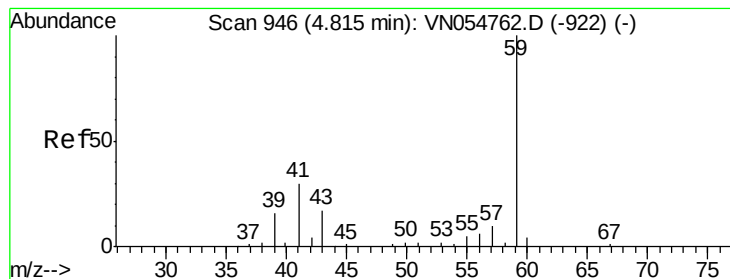
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



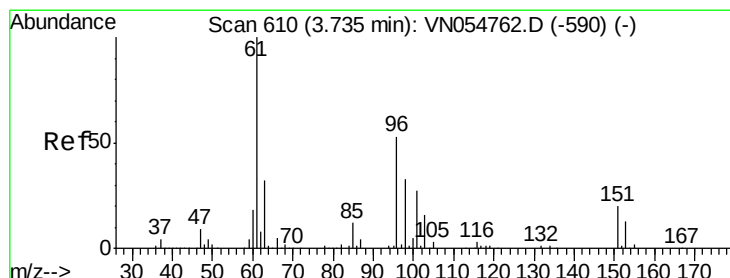
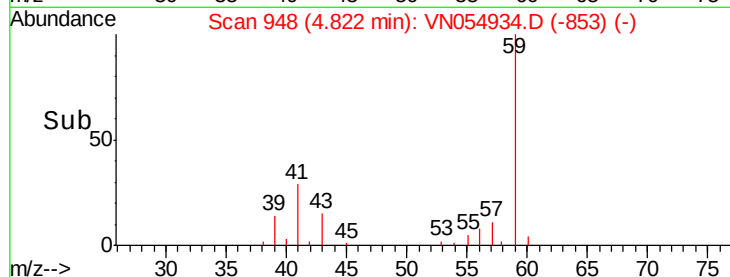
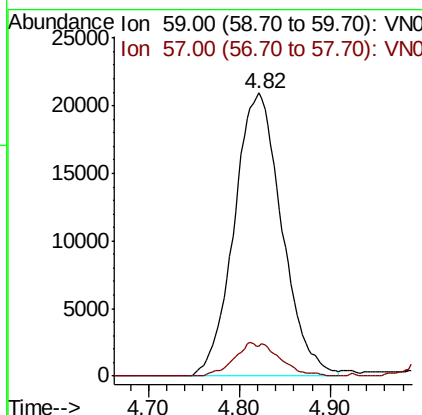
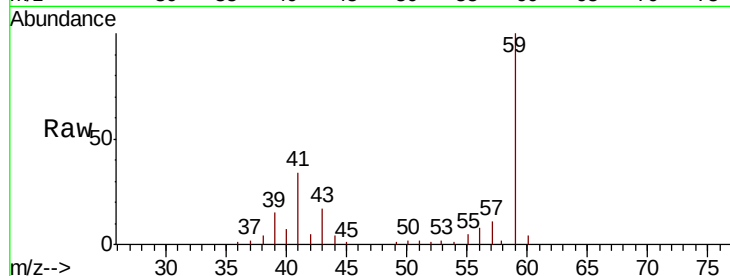


#11

Tert butyl alcohol
 Concen: 267.485 ug/l
 RT: 4.82 min Scan# 948
 Delta R.T. 0.01 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

Instrument :
 MSVOA_N
 ClientSampled :

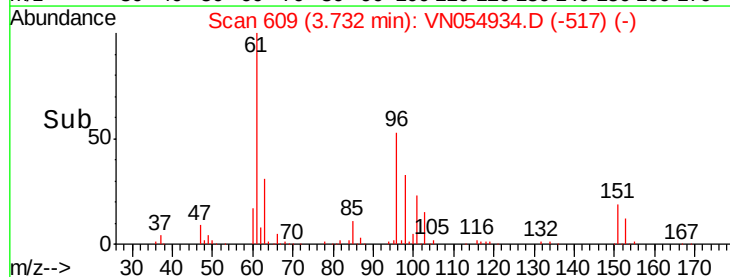
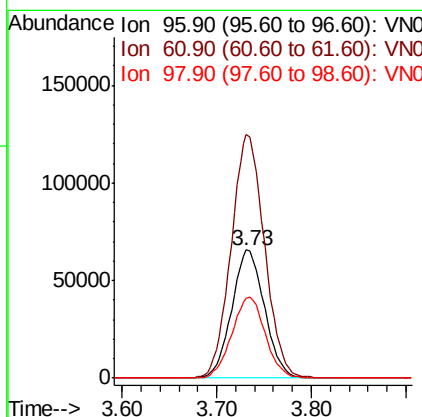
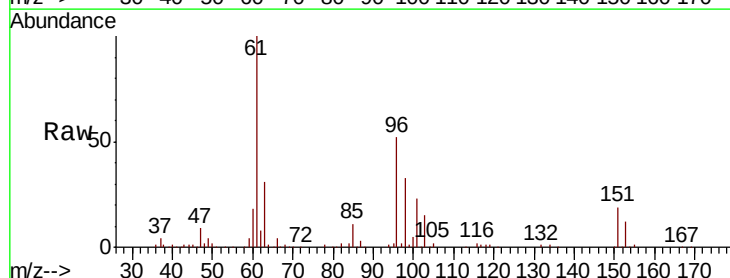
Tot Ion: 59 Resp: 76187
 Ion Ratio Lower Upper
 59 100
 57 5.6 9.0 13.6#

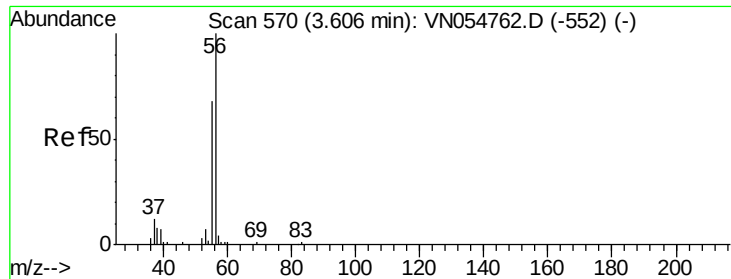


#12

1,1-Dichloroethene
 Concen: 49.666 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

Tgt Ion: 96 Resp: 158322
 Ion Ratio Lower Upper
 96 100
 61 190.2 116.5 174.7#
 98 62.5 51.0 76.4





#13

Acrolein

Concen: 236.700 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :

MSVOA_N

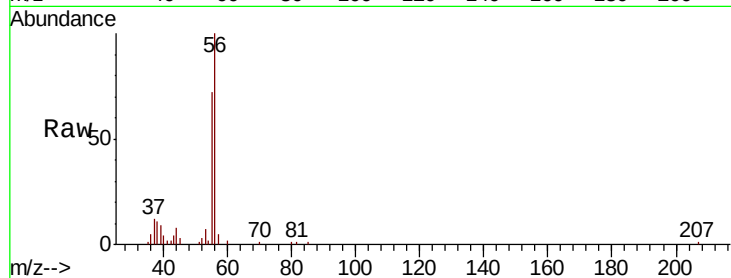
ClientSampled :

Tot Ion: 56 Resp: 60271

Ion Ratio Lower Upper

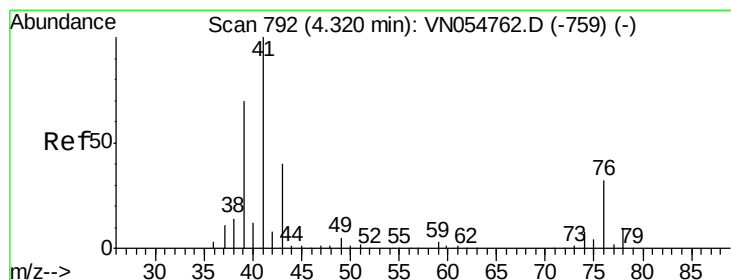
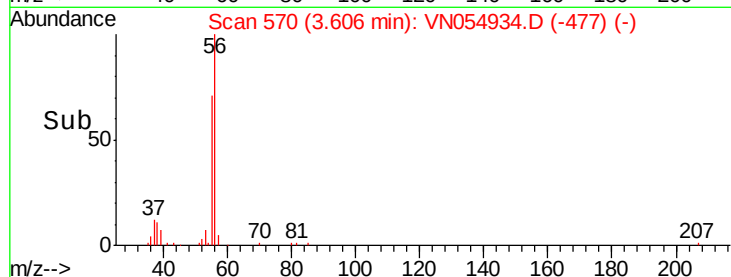
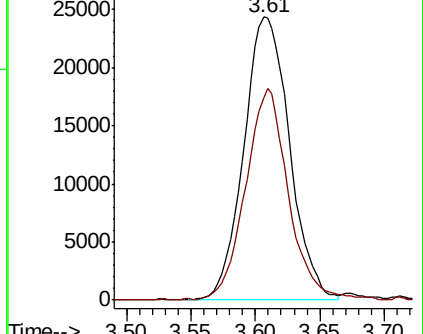
56 100

55 70.2 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 50.271 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

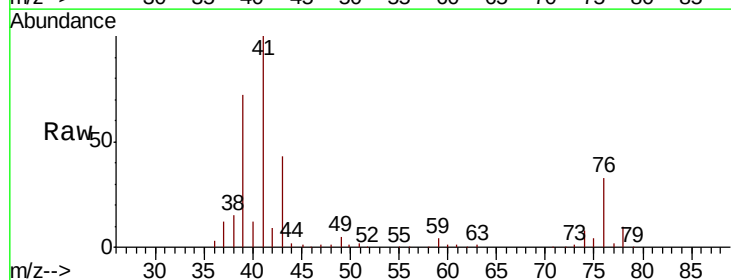
Tgt Ion: 41 Resp: 394720

Ion Ratio Lower Upper

41 100

39 69.0 58.2 87.4

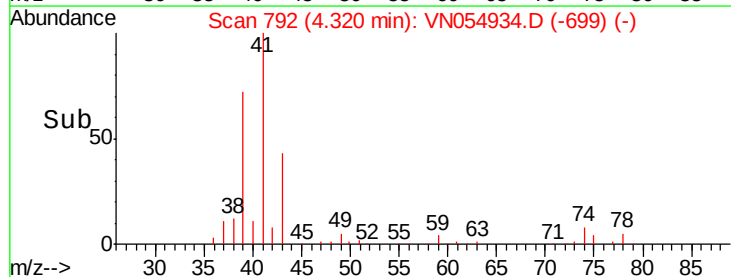
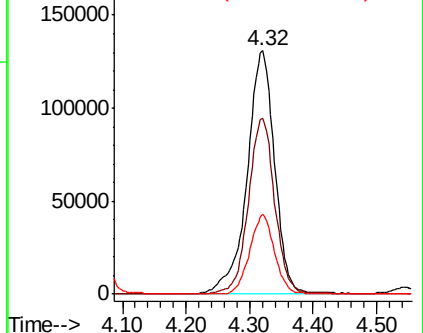
76 29.3 31.7 47.5#

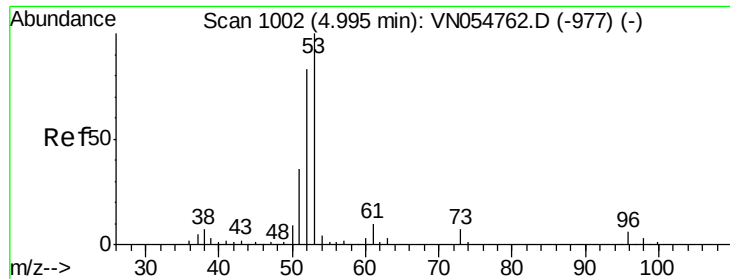


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

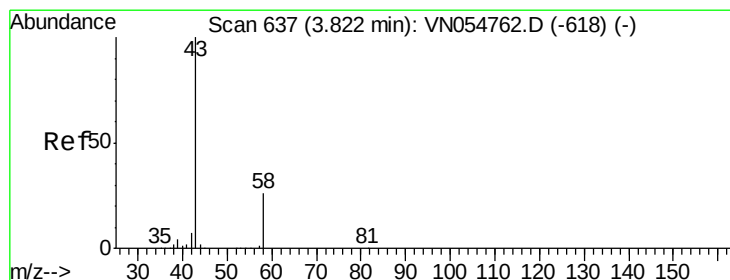
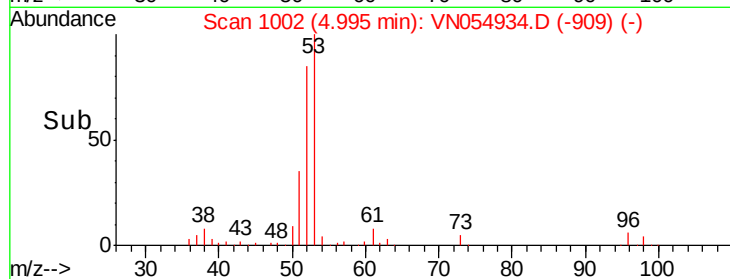
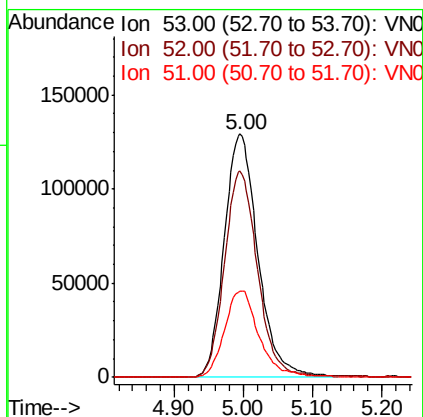
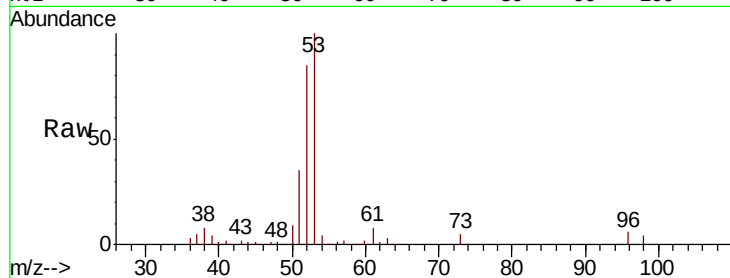




#15
 Acrylonitrile
 Concen: 277.469 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

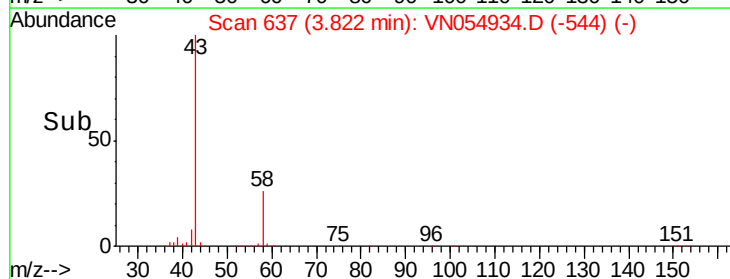
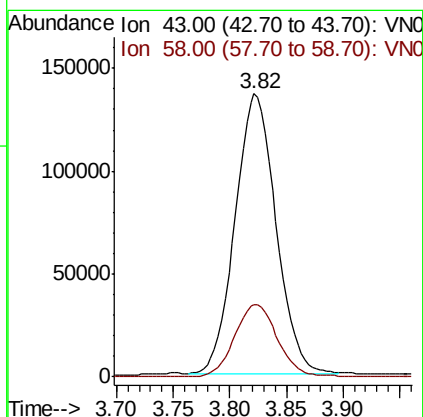
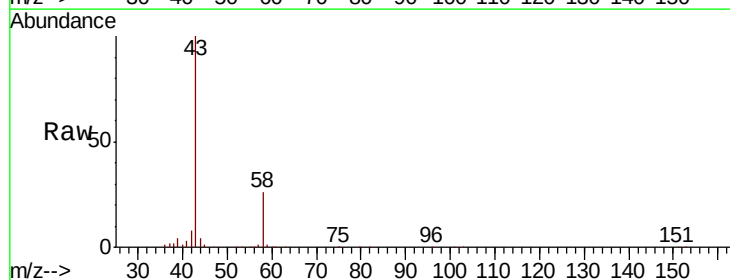
Instrument :
 MSVOA_N
 ClientSampleId :

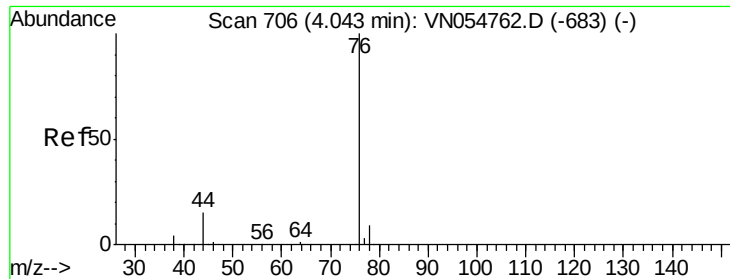
Tot Ion: 53 Resp: 439276
 Ion Ratio Lower Upper
 53 100
 52 83.4 66.4 99.6
 51 36.7 29.6 44.4



#16
 Acetone
 Concen: 261.408 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

Tgt Ion: 43 Resp: 340778
 Ion Ratio Lower Upper
 43 100
 58 25.8 29.9 44.9#

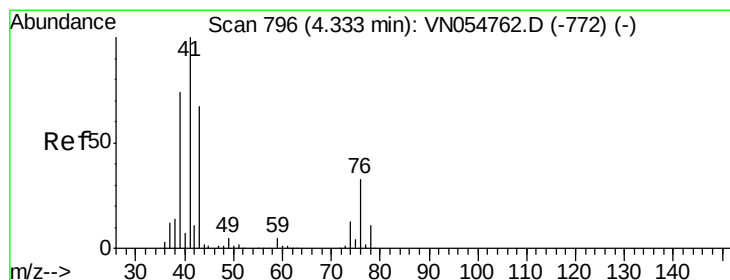
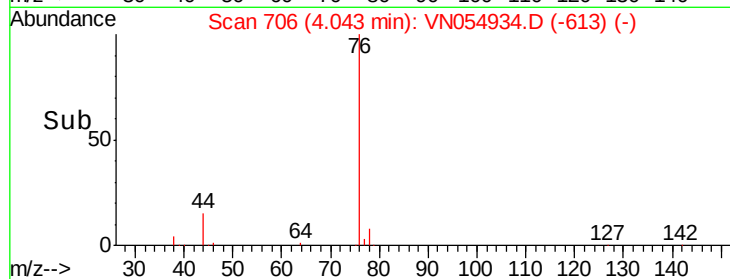
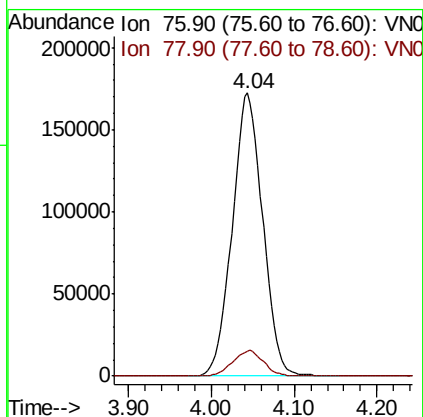
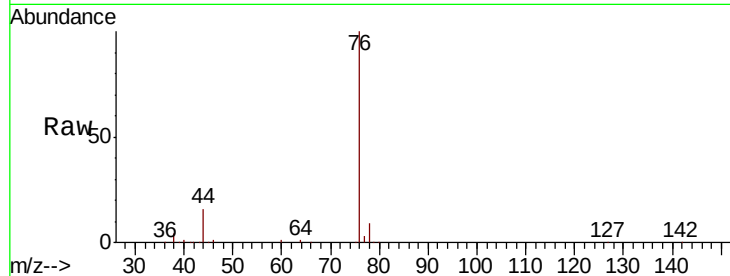




#17
Carbon Disulfide
Concen: 42.503 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

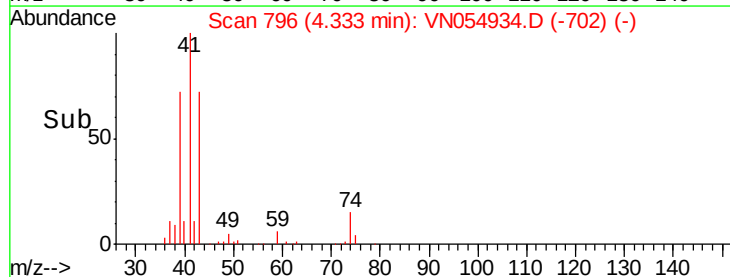
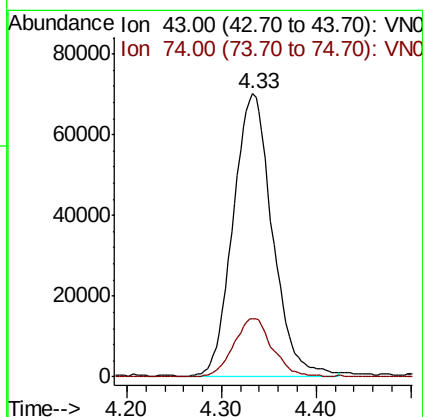
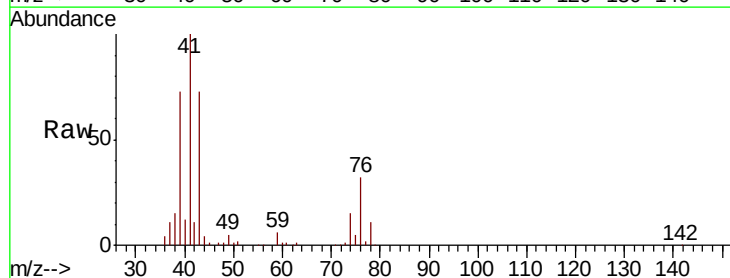
Instrument :
MSVOA_N
ClientSampleId :

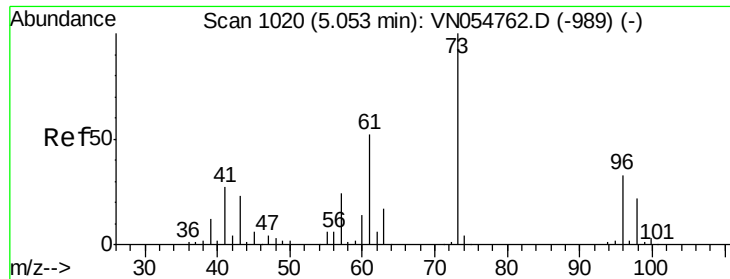
Tot Ion: 76 Resp: 439449
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 59.441 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion: 43 Resp: 201241
Ion Ratio Lower Upper
43 100
74 20.5 20.8 31.2#

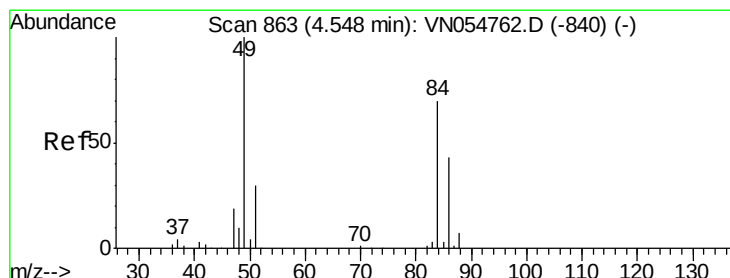
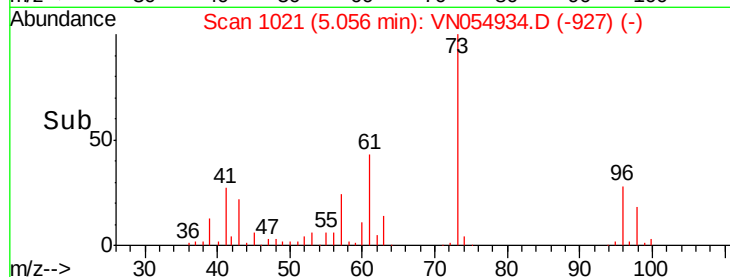
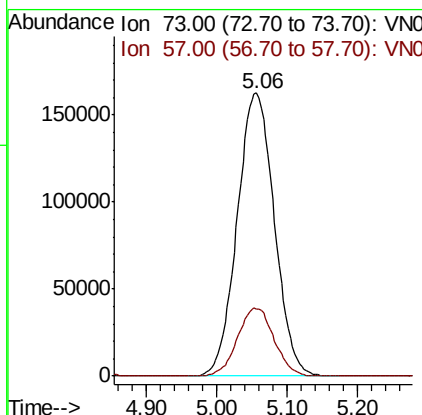
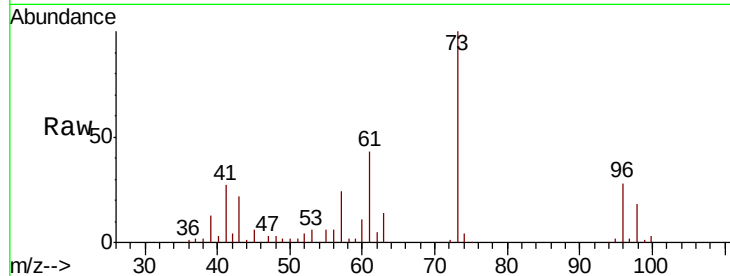




#19
Methyl tert-butyl Ether
Concen: 53.558 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

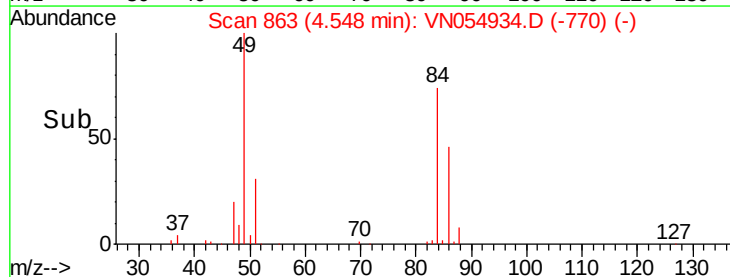
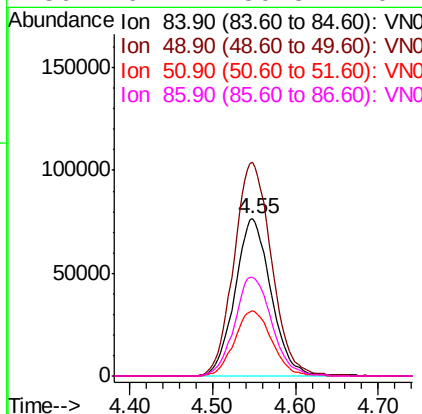
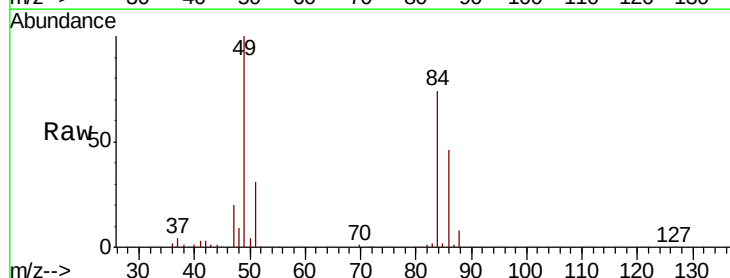
Instrument :
MSVOA_N
ClientSampled :

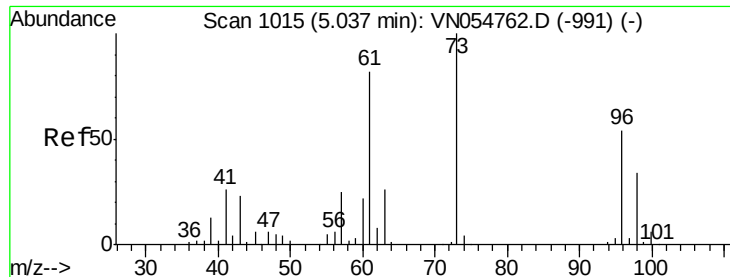
Tot Ion: 73 Resp: 597209
Ion Ratio Lower Upper
73 100
57 23.9 16.8 25.2



#20
Methylene Chloride
Concen: 50.343 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion: 84 Resp: 231500
Ion Ratio Lower Upper
84 100
49 135.4 89.7 134.5#
51 41.4 28.2 42.4
86 62.7 50.8 76.2

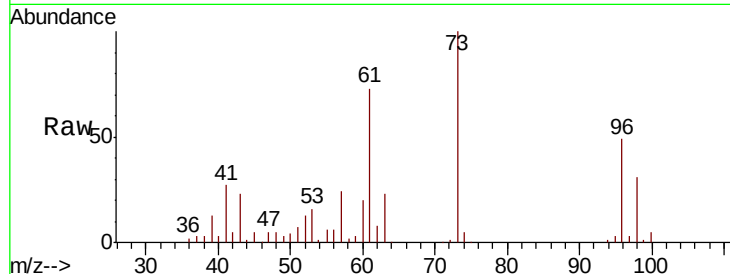




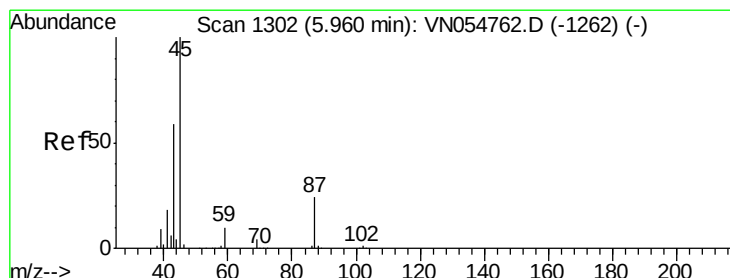
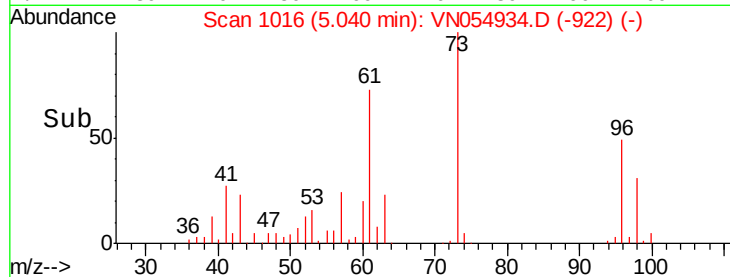
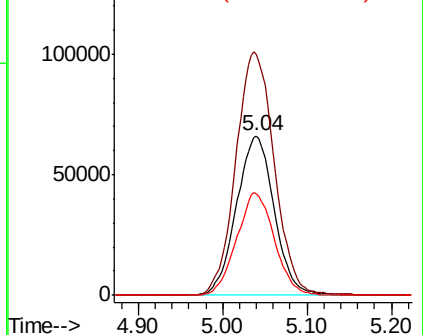
#21
trans-1,2-Dichloroethene
Concen: 49.099 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 205580
Ion Ratio Lower Upper
96 100
61 150.9 102.8 154.2
98 64.0 50.0 75.0

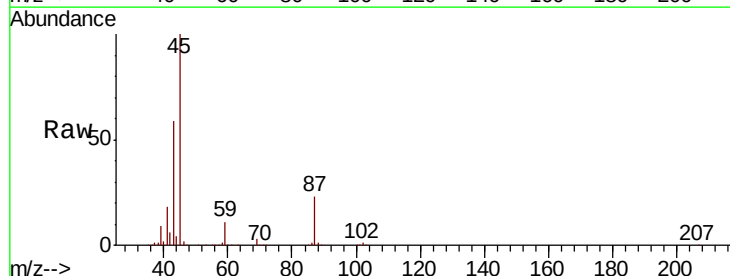


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

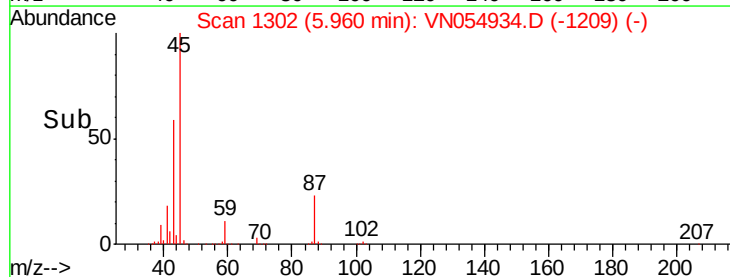
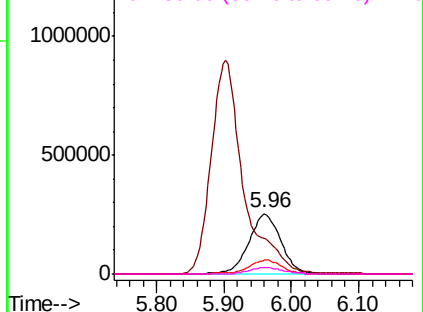


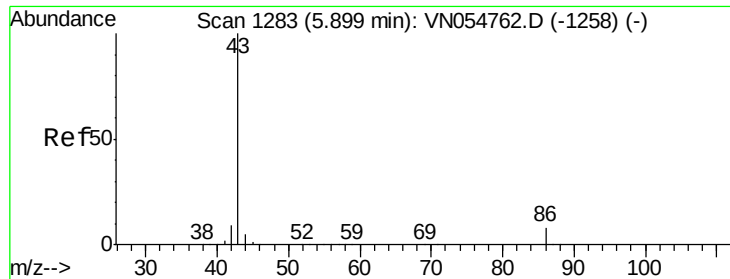
#22
Diisopropyl ether
Concen: 54.312 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion: 45 Resp: 843454
Ion Ratio Lower Upper
45 100
43 57.6 48.2 72.2
87 22.7 24.9 37.3#
59 10.7 9.5 14.3



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

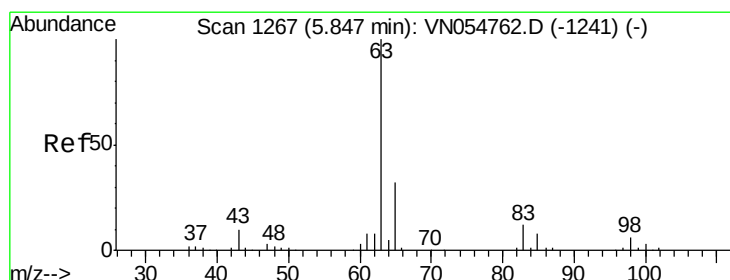
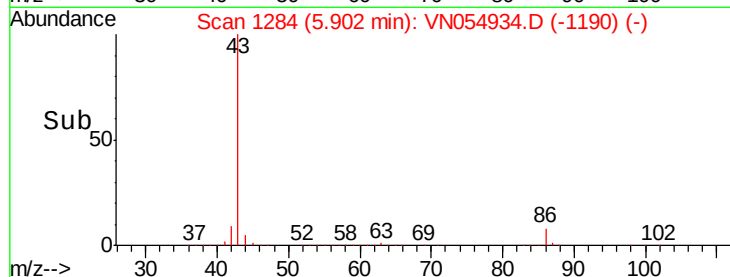
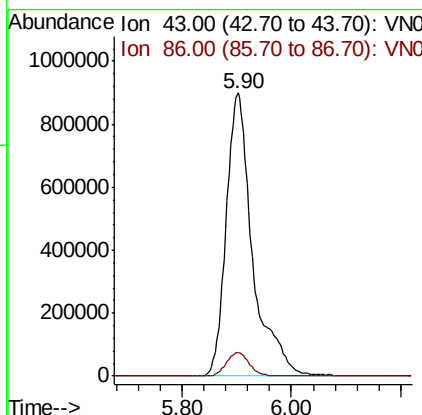
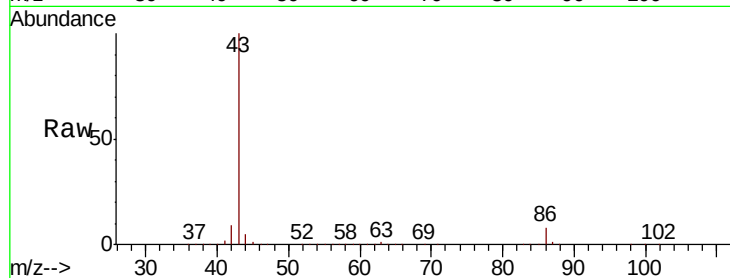




#23
 Vinyl Acetate
 Concen: 279.138 ug/l
 RT: 5.90 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

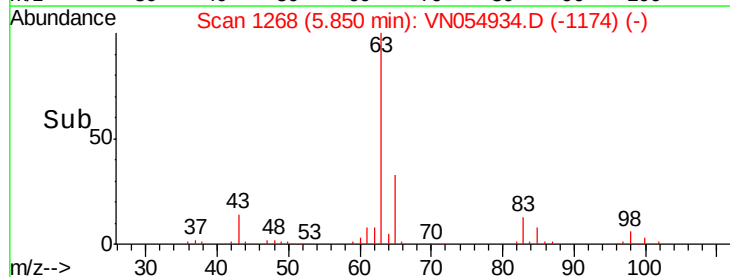
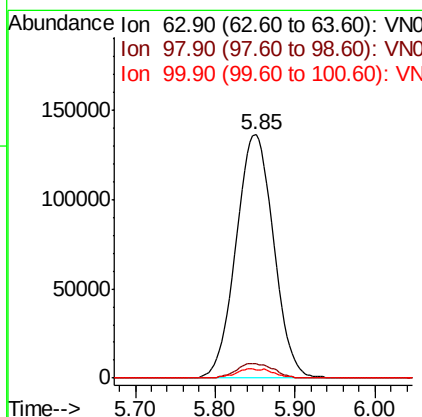
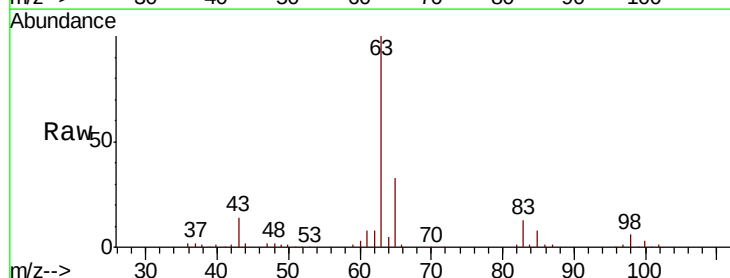
Instrument :
 MSVOA_N
 ClientSampled :

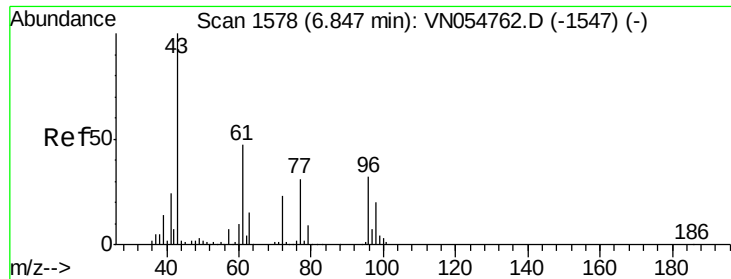
Tot Ion: 43 Resp: 3016691
 Ion Ratio Lower Upper
 43 100
 86 8.5 9.1 13.7#



#24
 1,1-Dichloroethane
 Concen: 52.496 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

Tgt Ion: 63 Resp: 434880
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.5
 100 3.5 2.0 6.0





#25

2-Butanone

Concen: 288.862 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

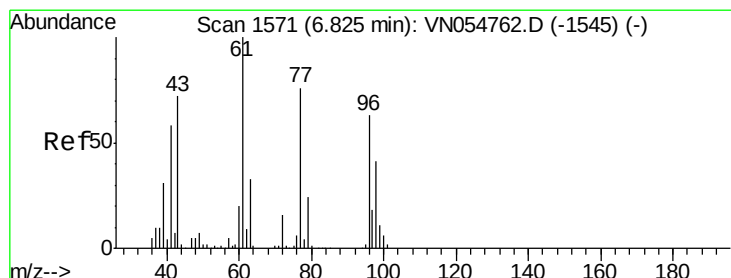
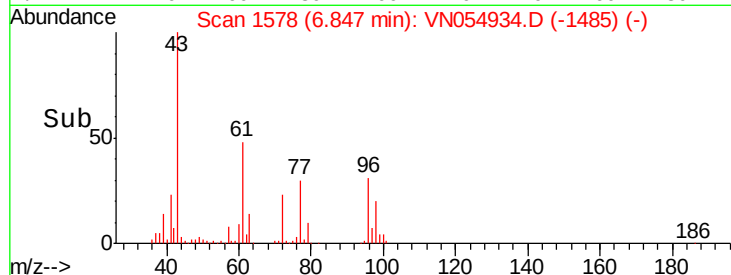
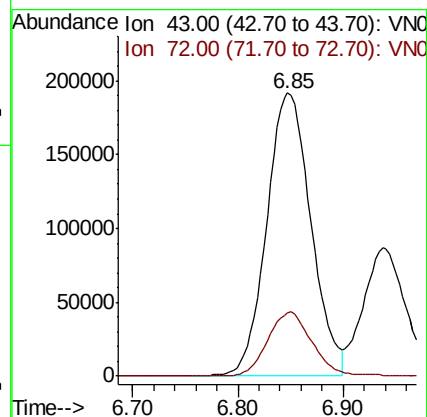
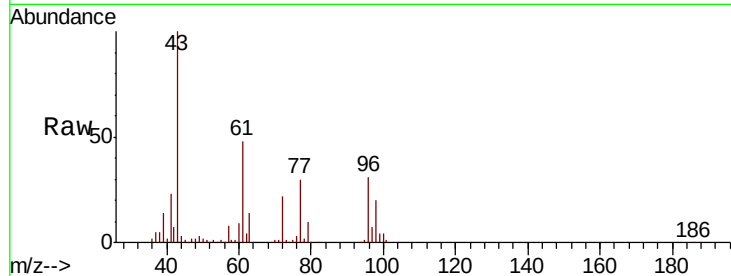
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 556638

Ion Ratio Lower Upper

43 100

72 22.5 23.0 34.6#



#26

2,2-Dichloropropane

Concen: 53.132 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN054934.D

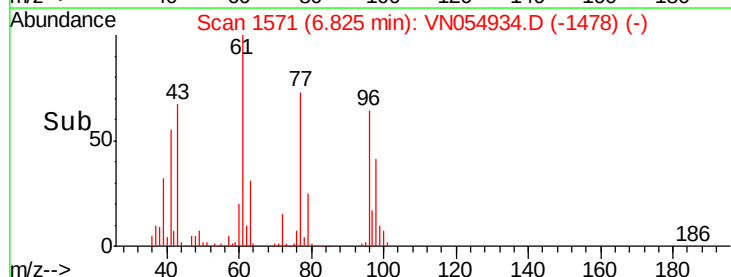
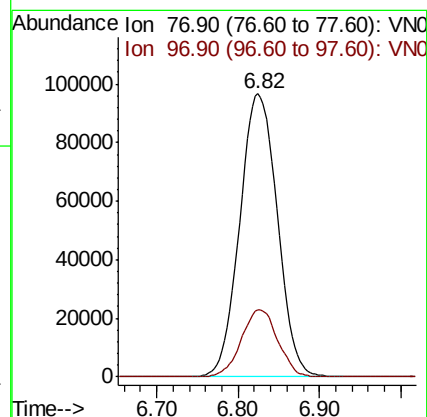
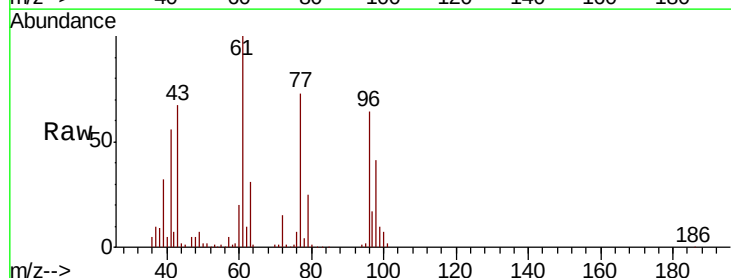
Acq: 3 Apr 2019 19:31

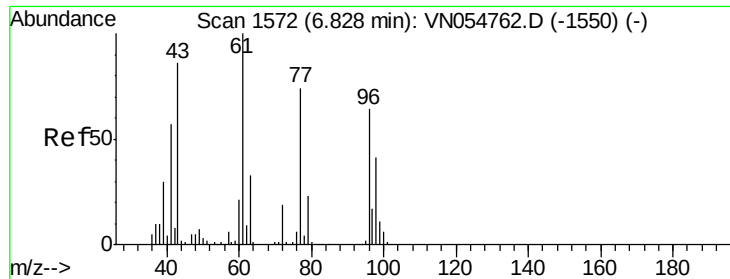
Tgt Ion: 77 Resp: 308495

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 52.670 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :
MSVOA_N
ClientSampled :

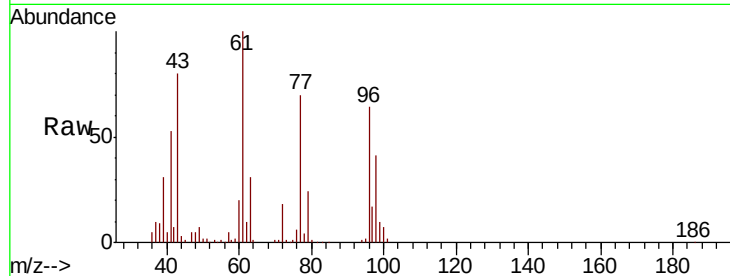
Tot Ion: 96 Resp: 249129

Ion Ratio Lower Upper

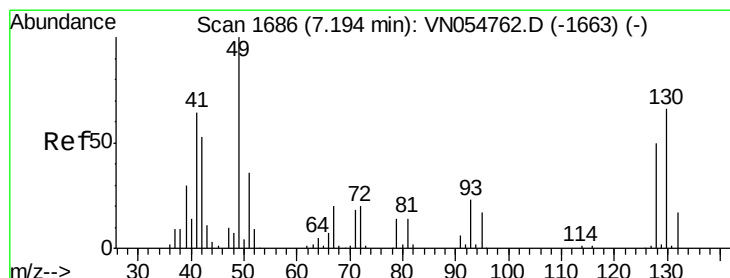
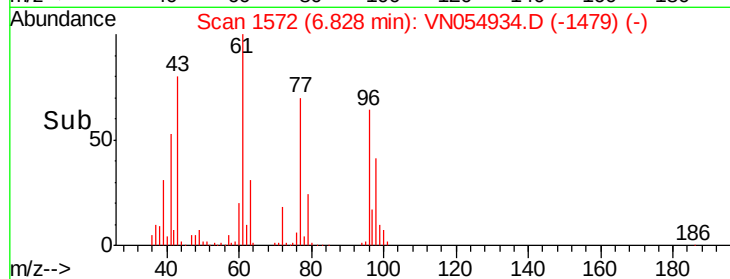
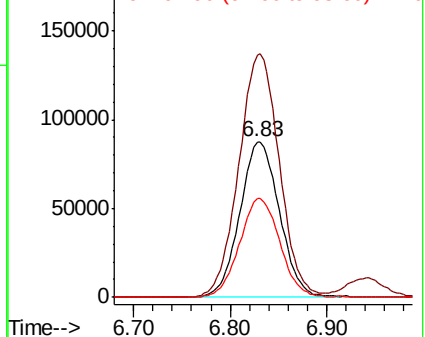
96 100

61 159.7 0.0 273.0

98 64.6 0.0 130.6



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



#28

Bromochloromethane

Concen: 53.332 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

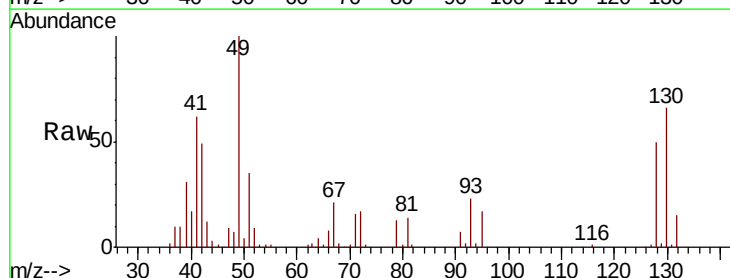
Tgt Ion: 49 Resp: 220919

Ion Ratio Lower Upper

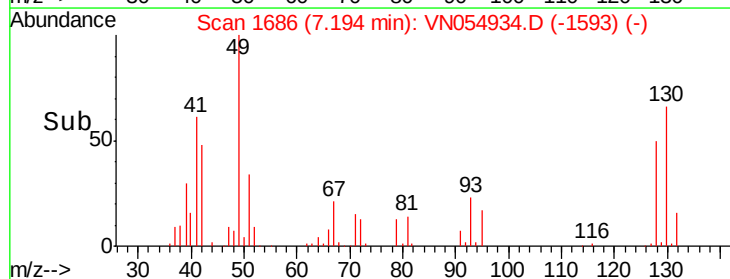
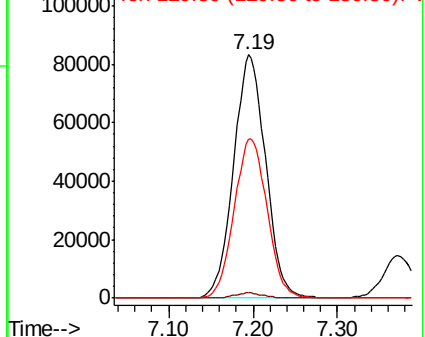
49 100

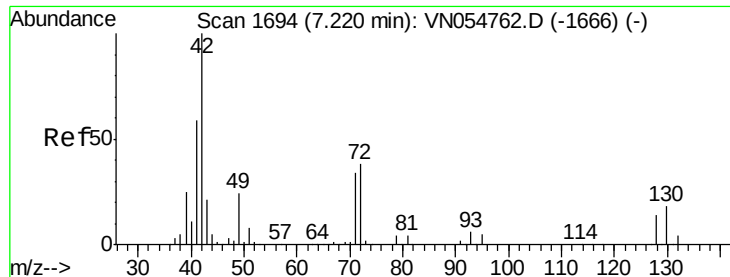
129 1.9 0.0 4.6

130 67.0 76.7 115.1#



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

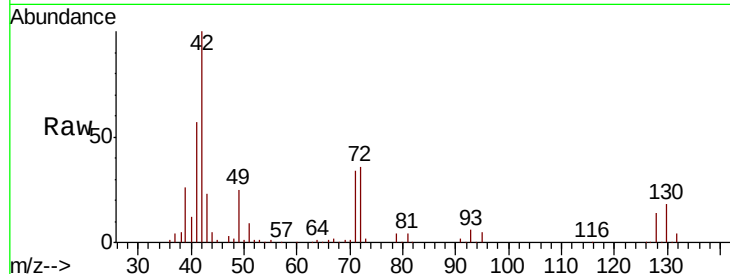




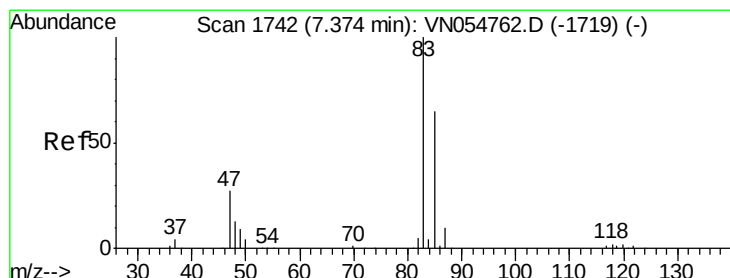
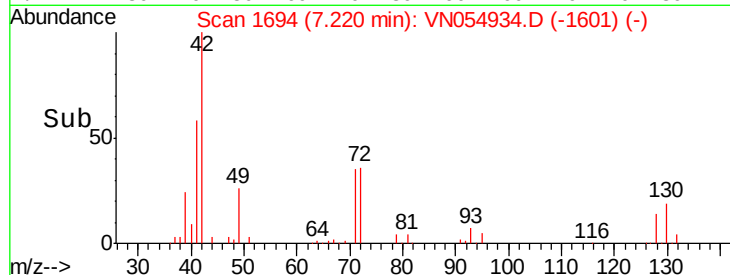
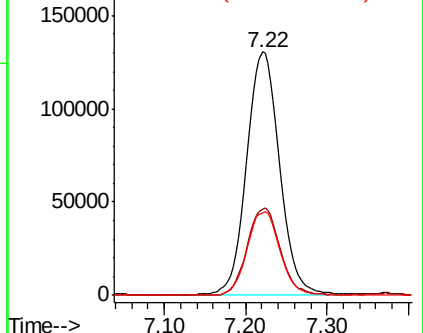
#29
Tetrahydrofuran
Concen: 270.906 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 362580
Ion Ratio Lower Upper
42 100
72 36.0 37.8 56.6#
71 34.3 36.2 54.2#

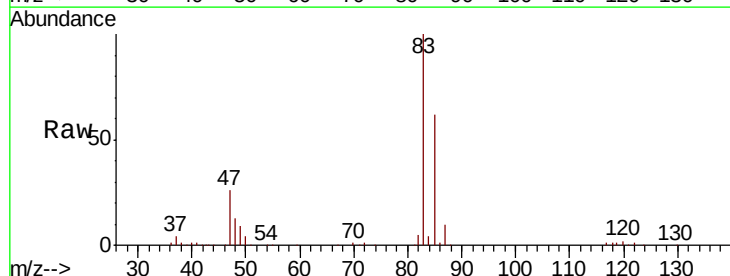


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

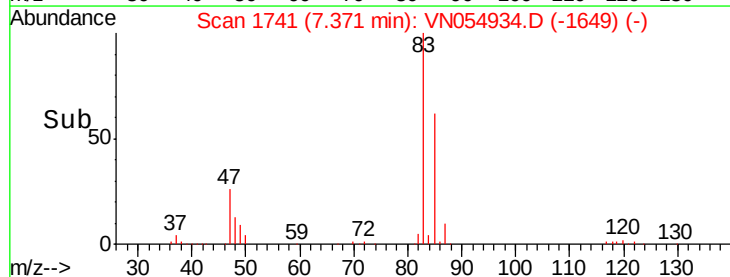
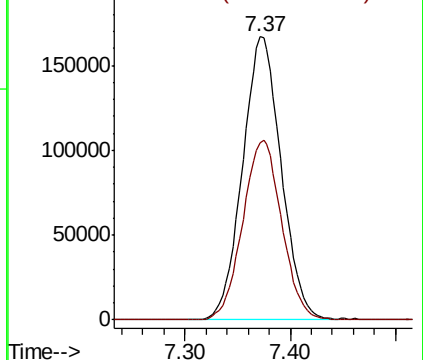


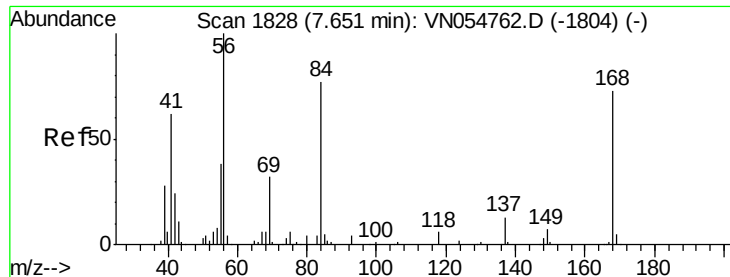
#30
Chloroform
Concen: 53.841 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion: 83 Resp: 425302
Ion Ratio Lower Upper
83 100
85 62.4 52.2 78.4



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

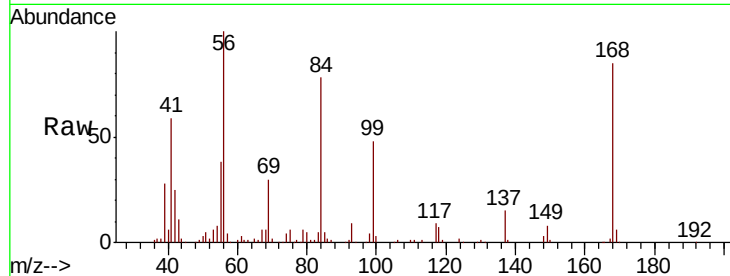




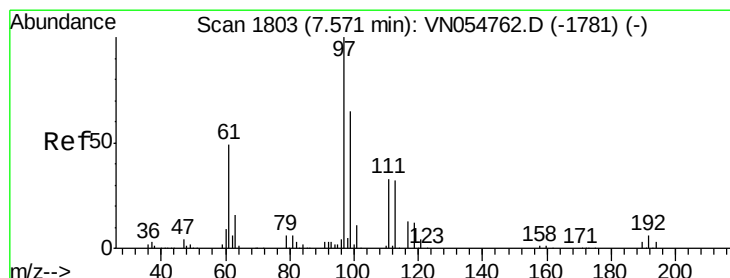
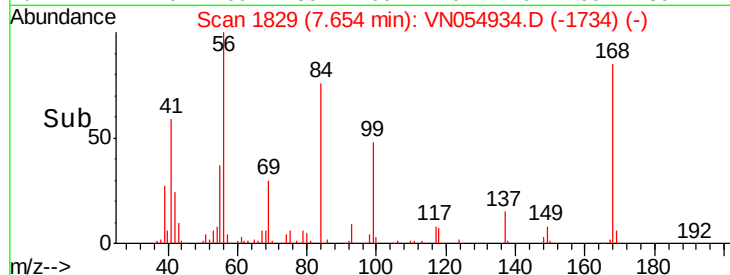
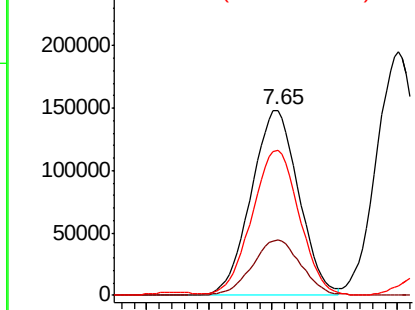
#31
Cyclohexane
Concen: 51.822 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 390602
Ion Ratio Lower Upper
56 100
69 29.8 27.8 41.6
84 77.0 74.6 111.8

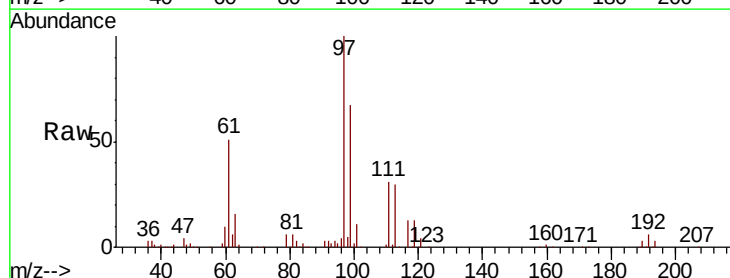


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

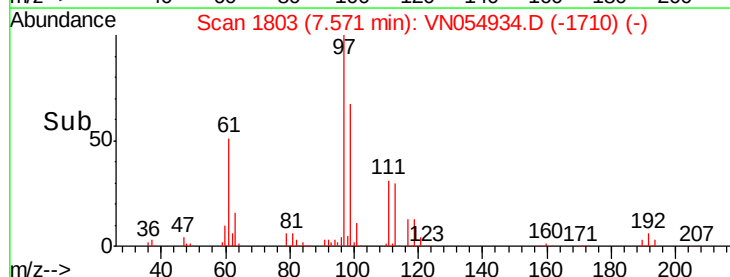
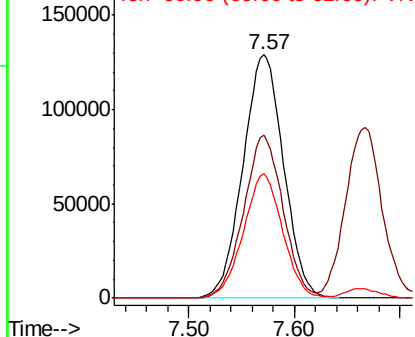


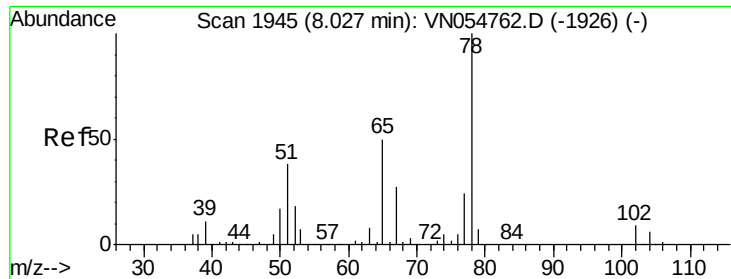
#32
1,1,1-Trichloroethane
Concen: 52.933 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion: 97 Resp: 346513
Ion Ratio Lower Upper
97 100
99 64.7 51.5 77.3
61 49.2 33.6 50.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

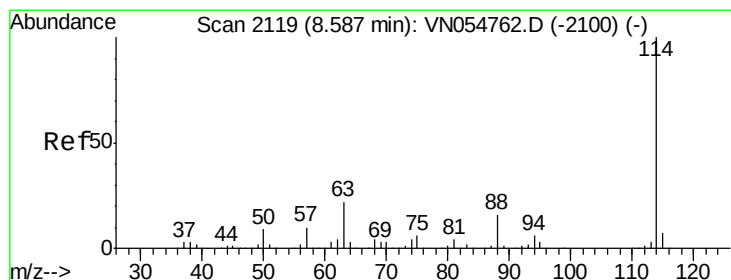
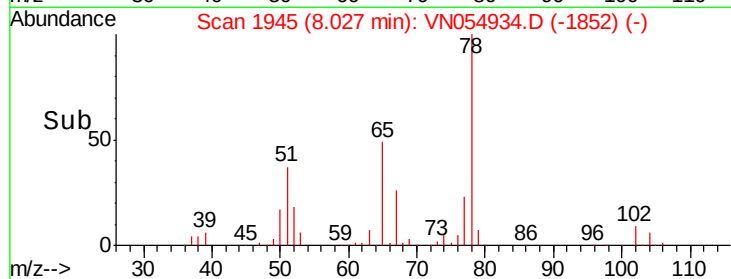
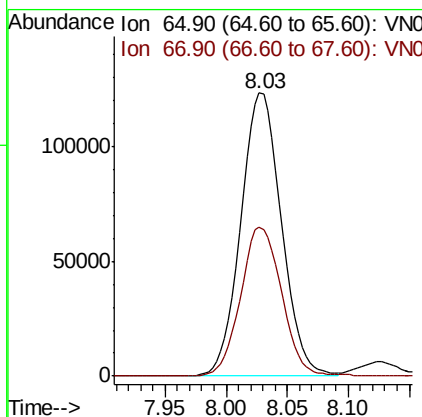
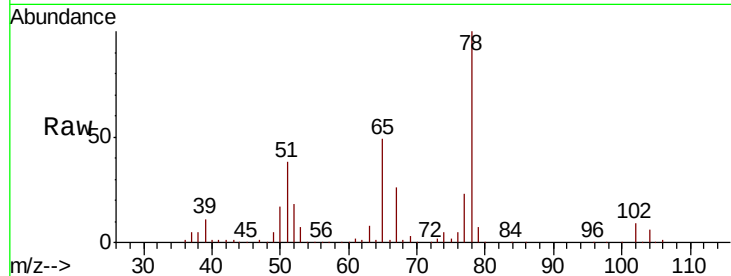




#33
 1,2-Dichloroethane-d4
 Concen: 52.017 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

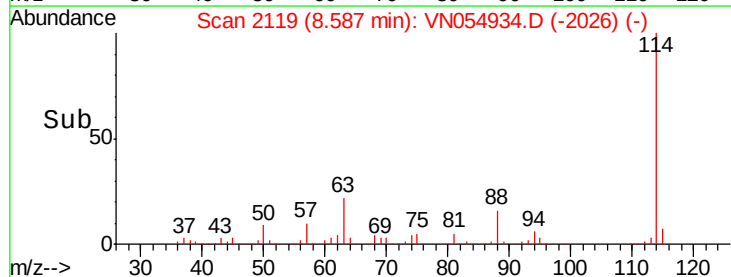
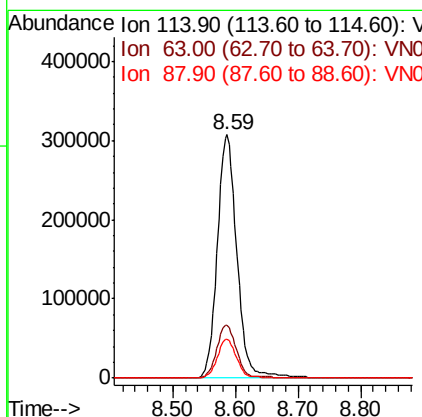
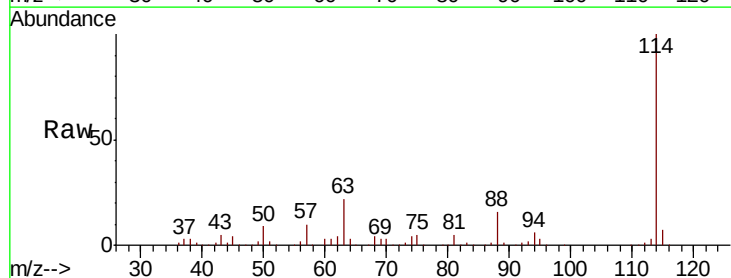
Instrument :
 MSVOA_N
 ClientSampleId :

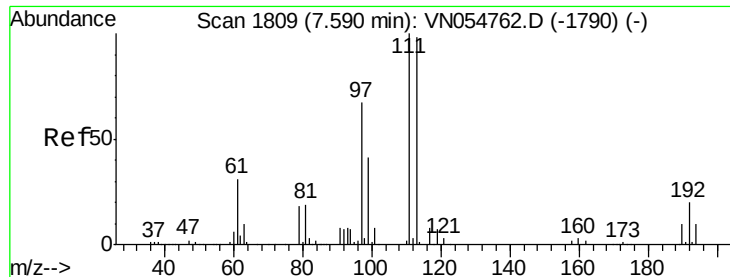
Tot Ion: 65 Resp: 284364
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

Tgt Ion: 114 Resp: 668213
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 35.2
 88 16.0 0.0 30.2

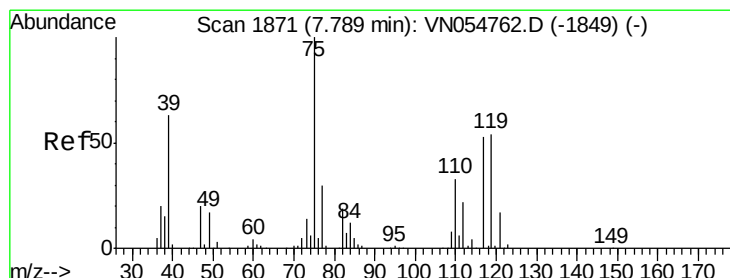
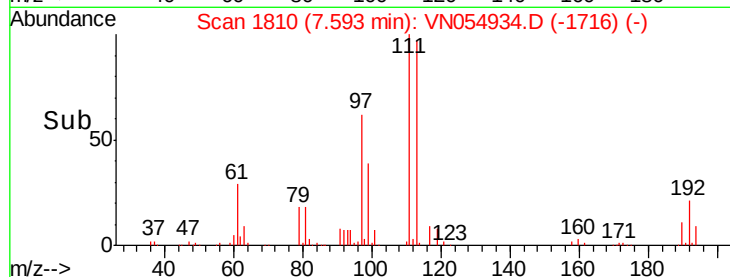
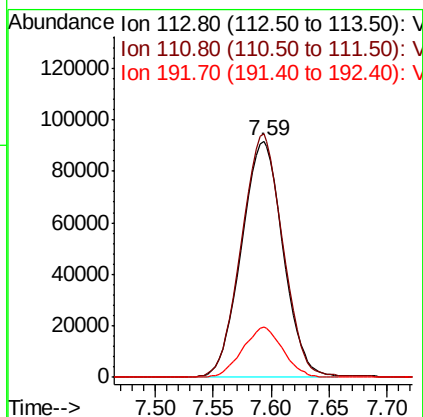
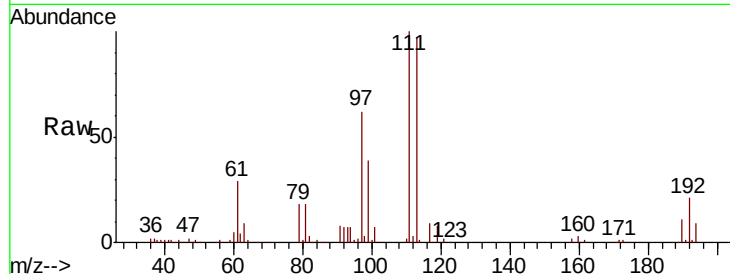




#35
 Dibromofluoromethane
 Concen: 51.472 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

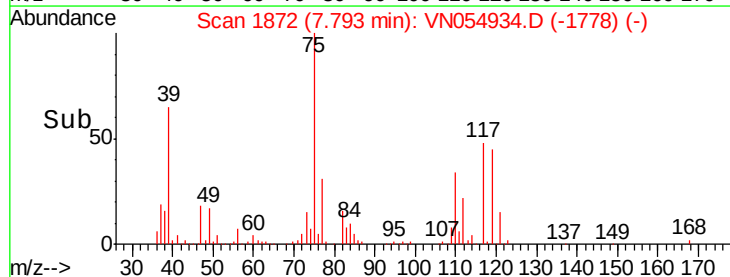
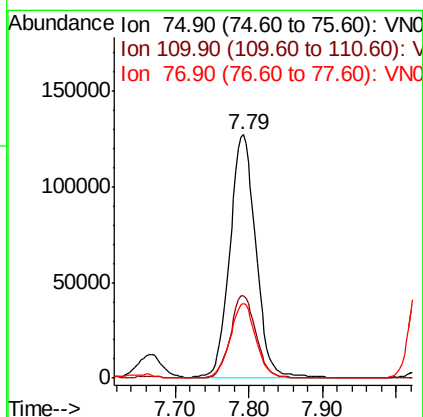
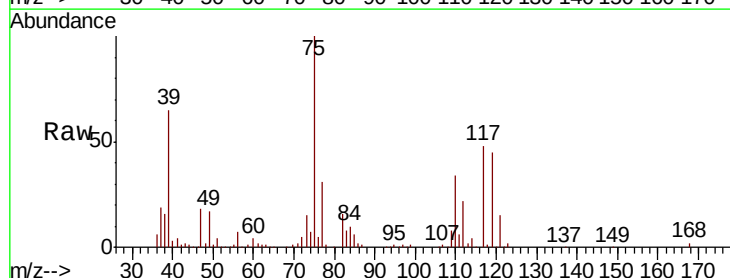
Instrument :
 MSVOA_N
 ClientSampled :

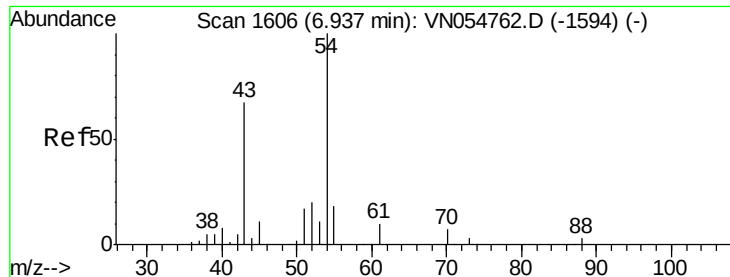
Tot Ion:113 Resp: 229304
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 20.7 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 49.842 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

Tgt Ion: 75 Resp: 310340
 Ion Ratio Lower Upper
 75 100
 110 33.4 19.1 57.5
 77 30.7 25.0 37.4

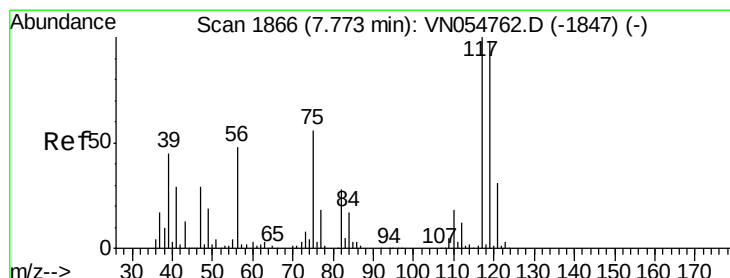
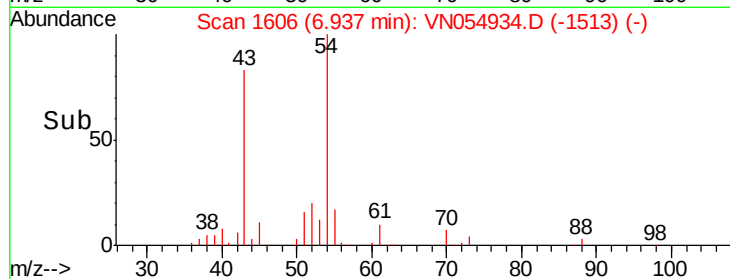
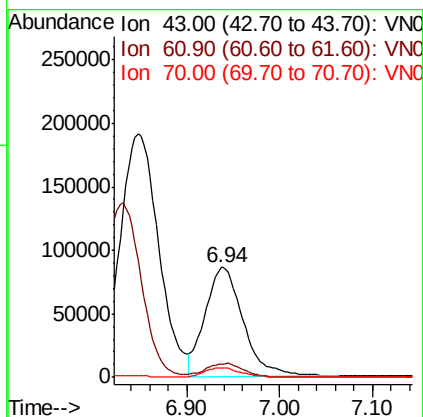
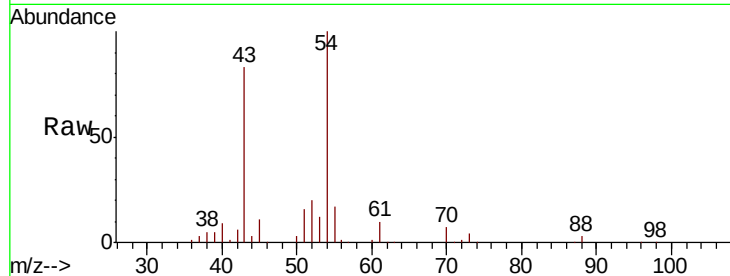




#37
Ethyl Acetate
Concen: 53.321 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

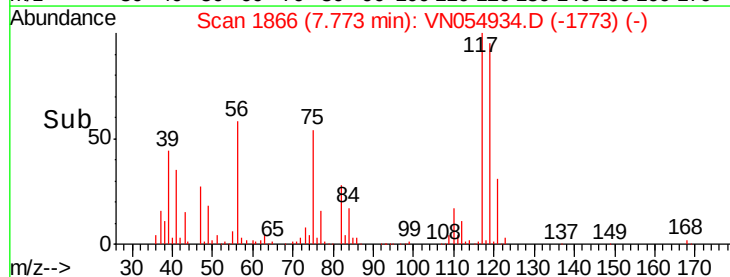
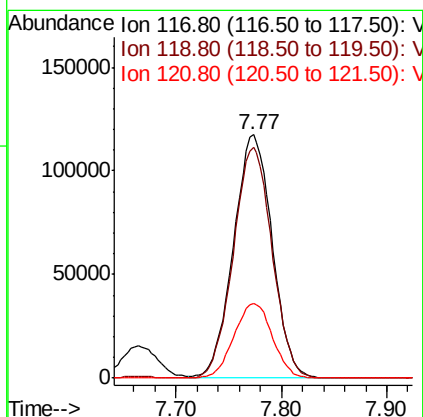
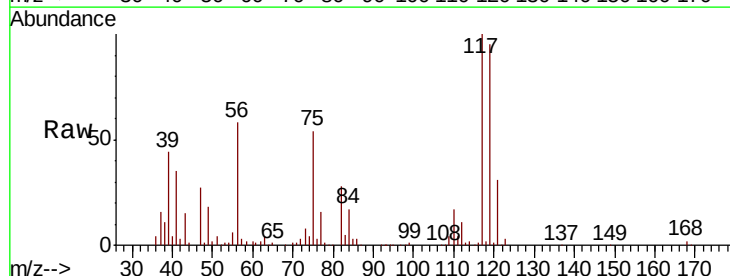
Instrument :
MSVOA_N
ClientSampled :

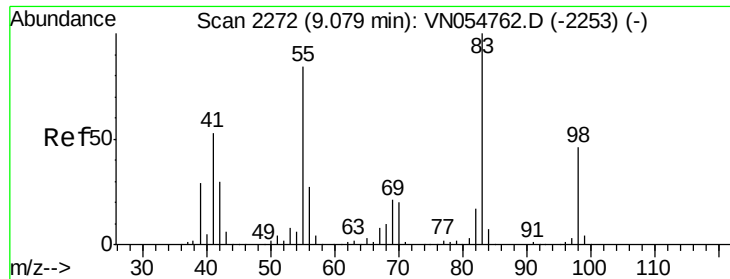
Tot Ion: 43 Resp: 243463
Ion Ratio Lower Upper
43 100
61 12.5 11.8 17.6
70 8.0 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 49.627 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion: 117 Resp: 300121
Ion Ratio Lower Upper
117 100
119 94.8 76.3 114.5
121 30.9 24.6 36.8

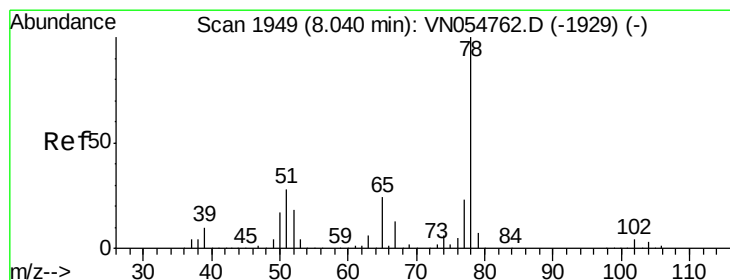
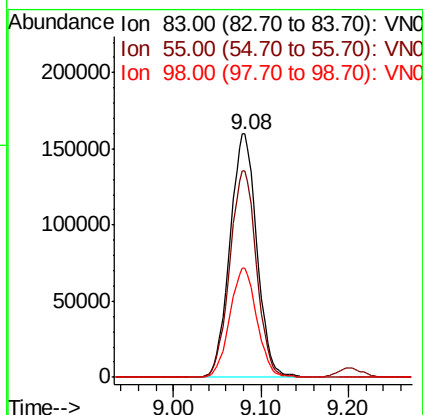
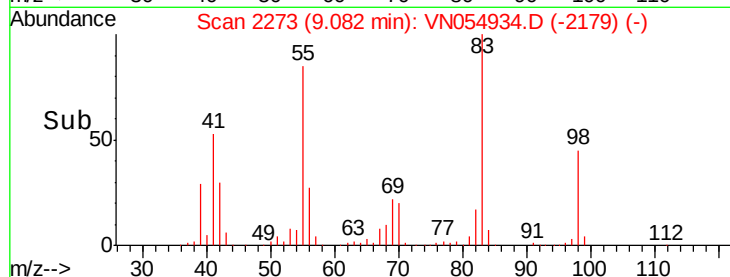
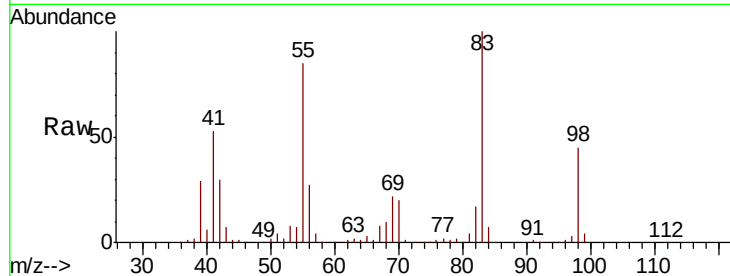




#39
Methylvlcyclohexane
Concen: 49.856 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

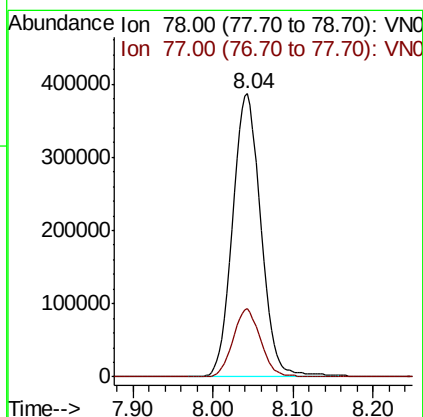
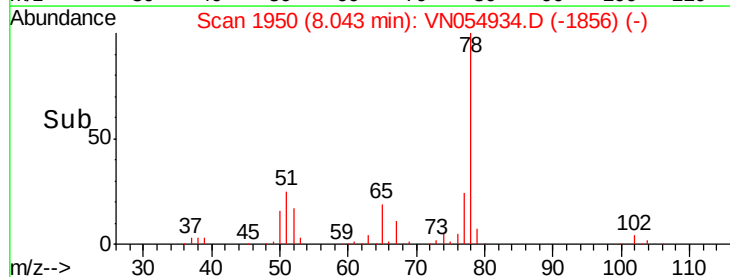
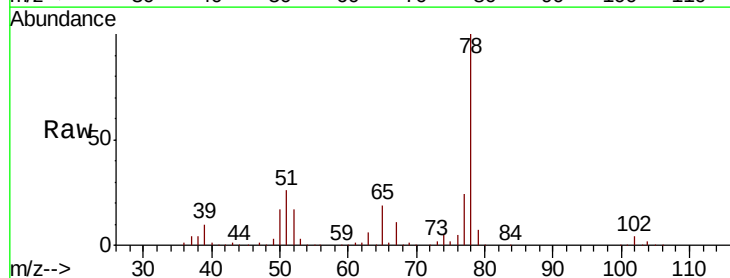
Instrument :
MSVOA_N
ClientSampleId :

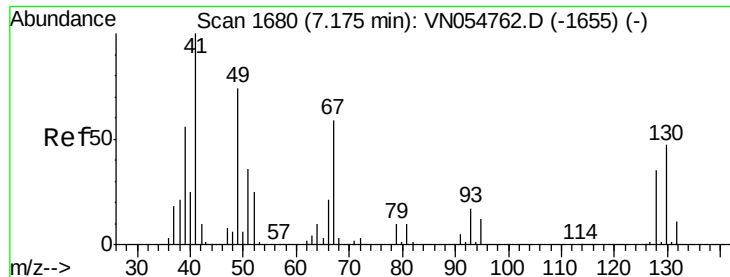
Tot Ion: 83 Resp: 341279
Ion Ratio Lower Upper
83 100
55 85.1 56.6 84.8#
98 45.0 38.4 57.6



#40
Benzene
Concen: 51.983 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion: 78 Resp: 926143
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7





#41

Methacrylonitrile

Concen: 57.285 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :

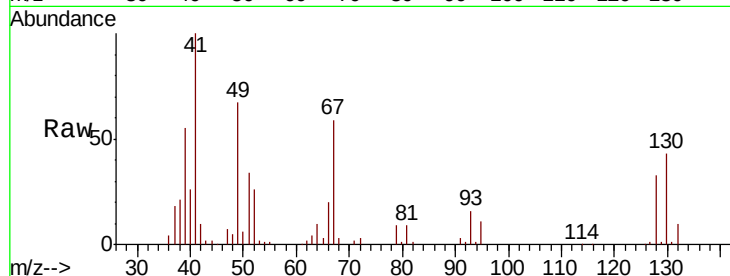
MSVOA_N

ClientSampled :

Tot Ion: 41 Resp: 146935

Ion Ratio Lower Upper

41	100		
39	57.9	46.8	70.2
67	63.6	67.0	100.4
52	27.5	26.5	39.7

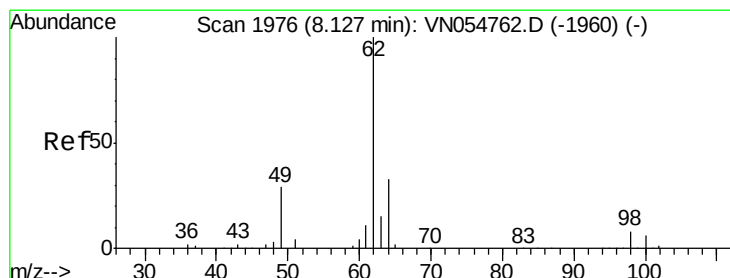
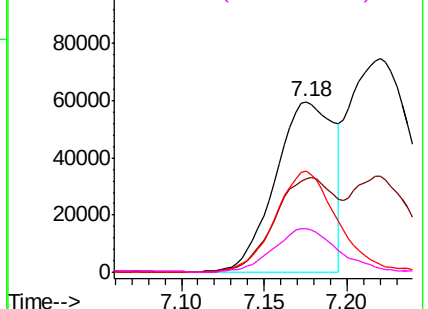
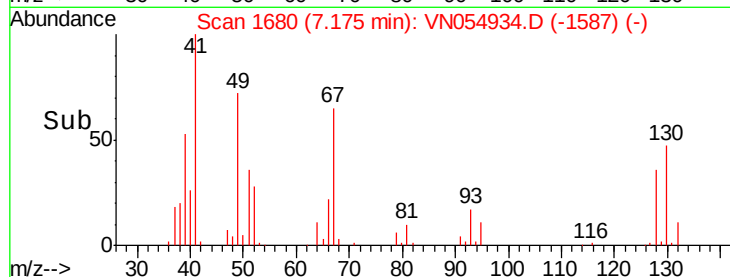


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 52.189 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

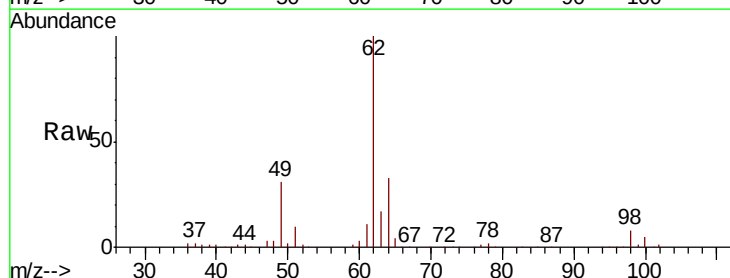
Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Tgt Ion: 62 Resp: 332000

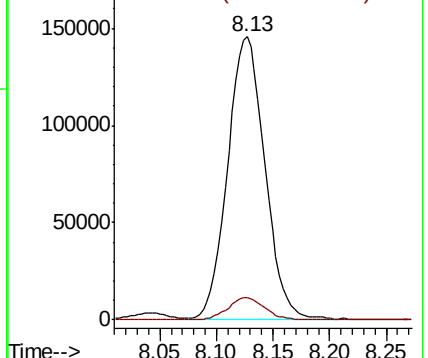
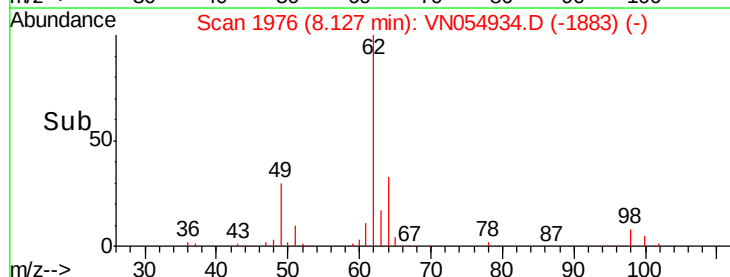
Ion Ratio Lower Upper

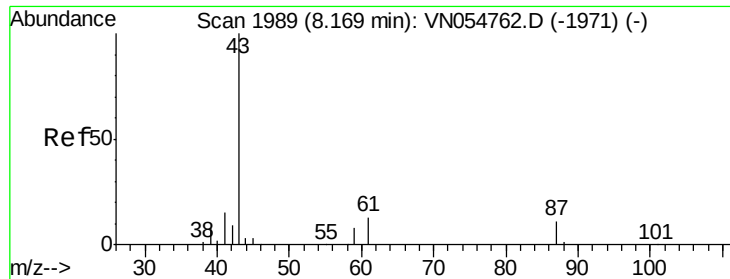
62	100		
98	7.9	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 56.040 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampled :

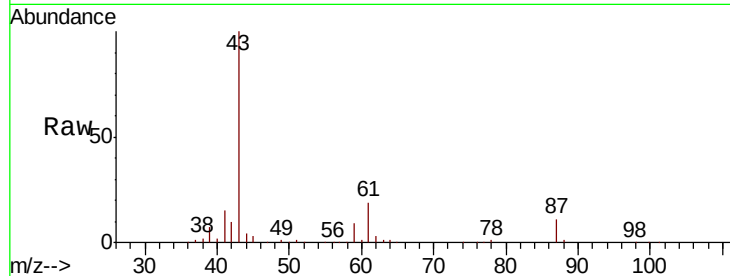
Tot Ion: 43 Resp: 415771

Ion Ratio Lower Upper

43 100

61 18.1 15.8 23.8

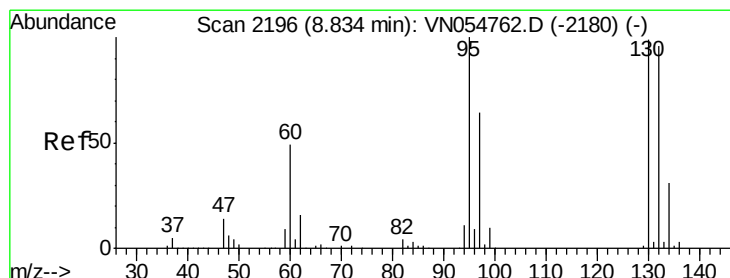
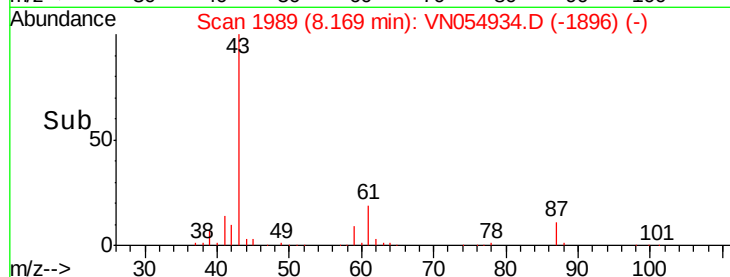
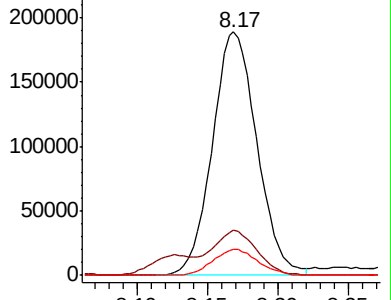
87 10.9 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054762.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054762.D (-1971) (-)



#44

Trichloroethene

Concen: 51.707 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054934.D

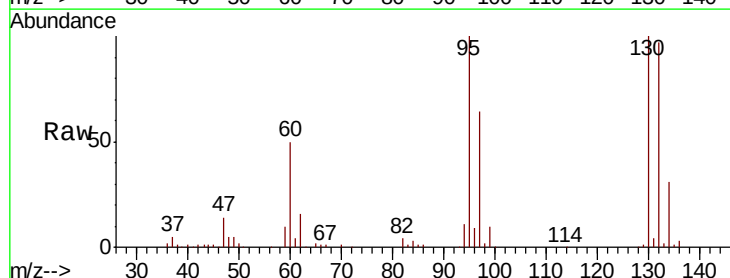
Acq: 3 Apr 2019 19:31

Tgt Ion:130 Resp: 239138

Ion Ratio Lower Upper

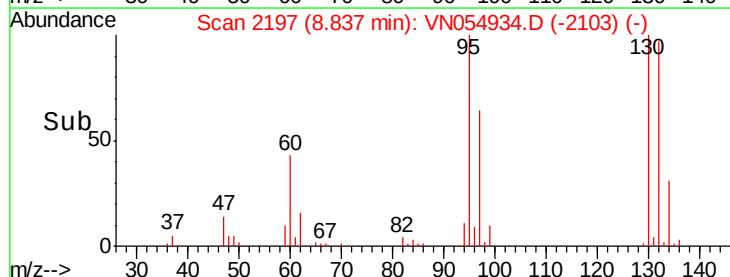
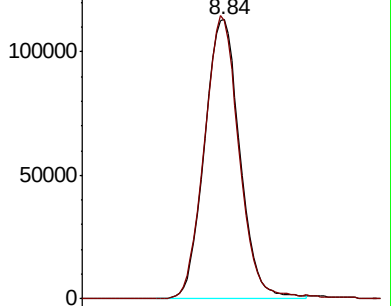
130 100

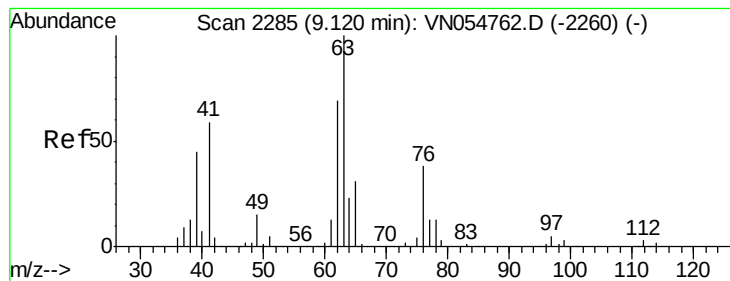
95 99.6 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054762.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN054762.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 52.469 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :

MSVOA_N

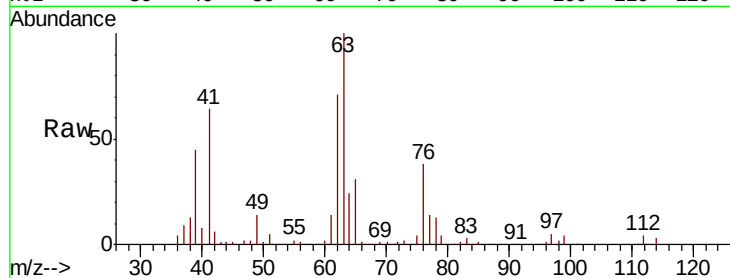
ClientSampled :

Tot Ion: 63 Resp: 266550

Ion Ratio Lower Upper

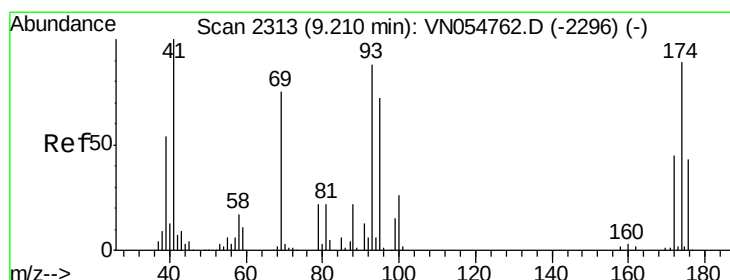
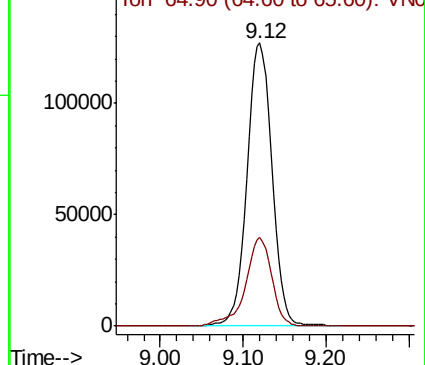
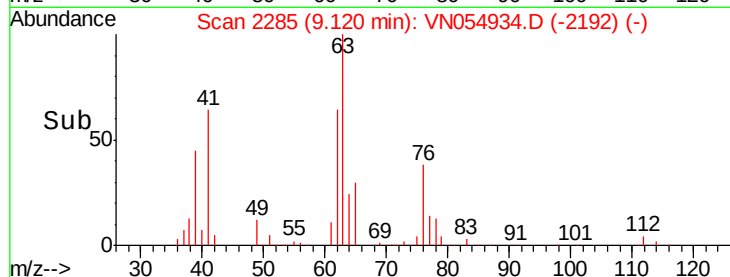
63 100

65 31.2 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN054934.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN054934.D (-2192) (-)



#46

Dibromomethane

Concen: 53.174 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

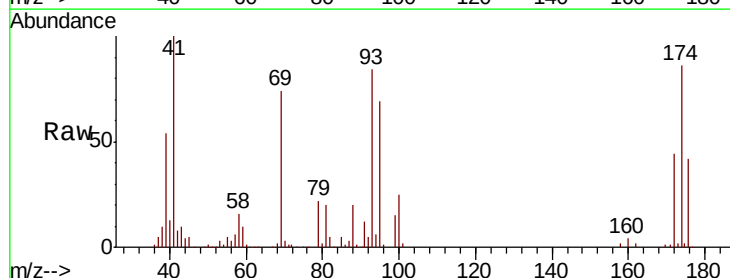
Tgt Ion: 93 Resp: 151960

Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

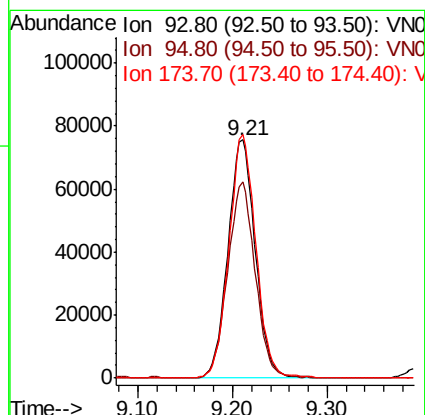
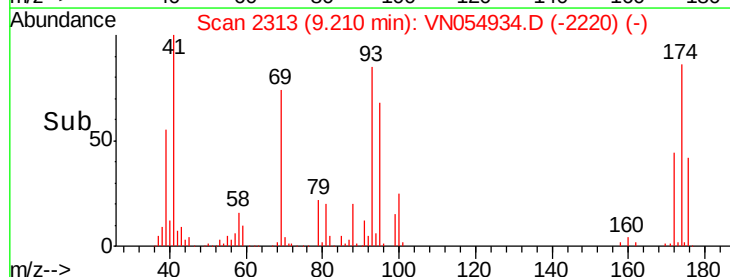
174 100.8 98.5 147.7

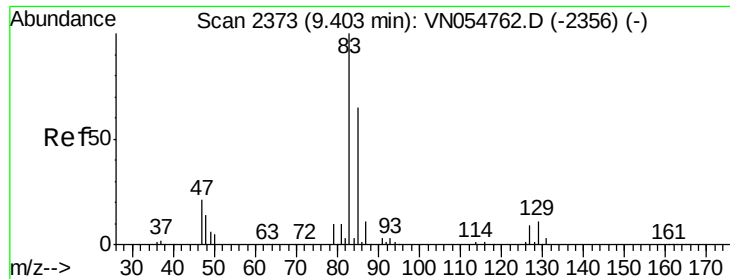


Abundance Ion 92.80 (92.50 to 93.50): VN054934.D (-2220) (-)

Ion 94.80 (94.50 to 95.50): VN054934.D (-2220) (-)

Ion 173.70 (173.40 to 174.40): VN054934.D (-2220) (-)





#47

Bromodichloromethane

Concen: 54.236 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

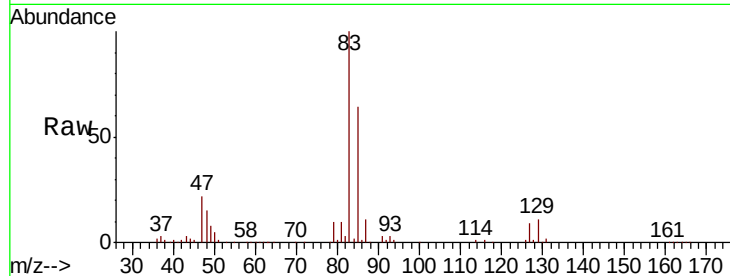
Tot Ion: 83 Resp: 322126

Ion Ratio Lower Upper

83 100

85 63.9 52.8 79.2

127 8.8 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN054762.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN054762.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN054762.D (-2356) (-)

9.40

200000

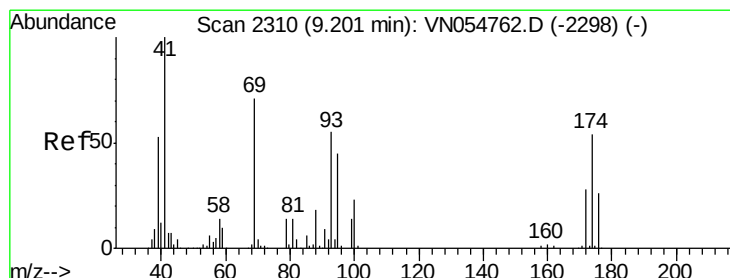
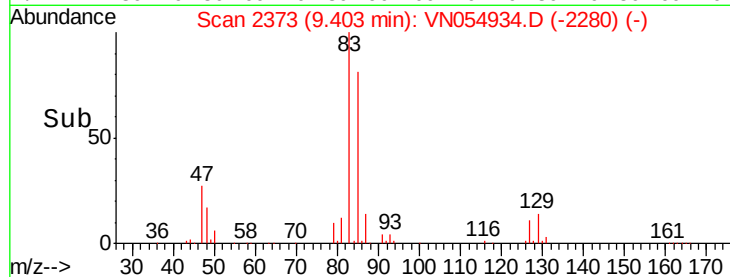
150000

100000

50000

0

Time-->



#48

Methyl methacrylate

Concen: 52.142 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

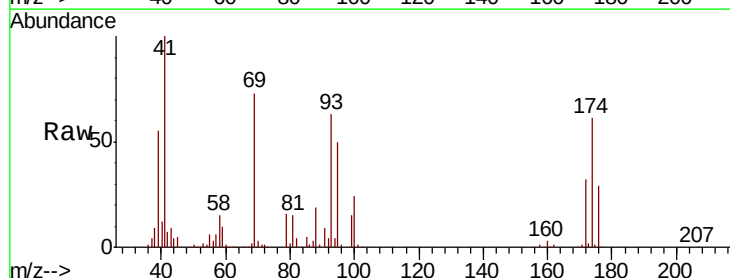
Tgt Ion: 41 Resp: 209699

Ion Ratio Lower Upper

41 100

69 76.1 72.6 108.8

39 55.9 47.5 71.3



Abundance Ion 41.00 (40.70 to 41.70): VN054762.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN054762.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN054762.D (-2298) (-)

9.20

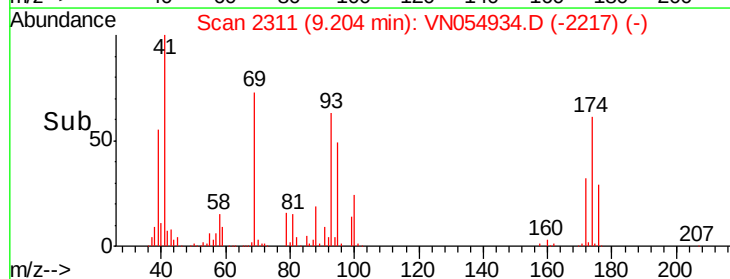
150000

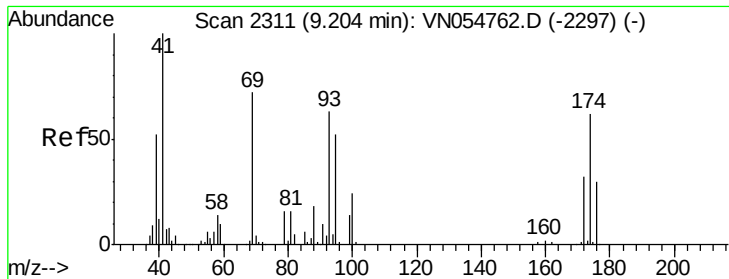
100000

50000

0

Time-->





#49

1,4-Dioxane

Concen: 1092.057 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :
MSVOA_N
ClientSampleId :

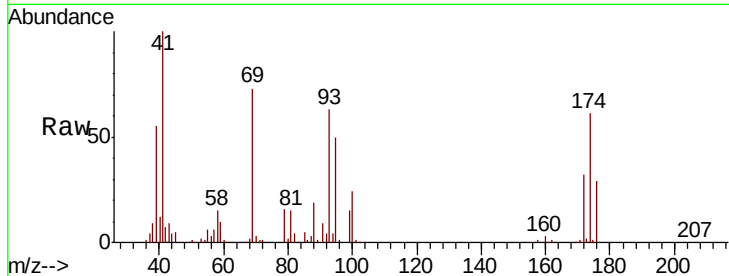
Tot Ion: 88 Resp: 43578

Ion Ratio Lower Upper

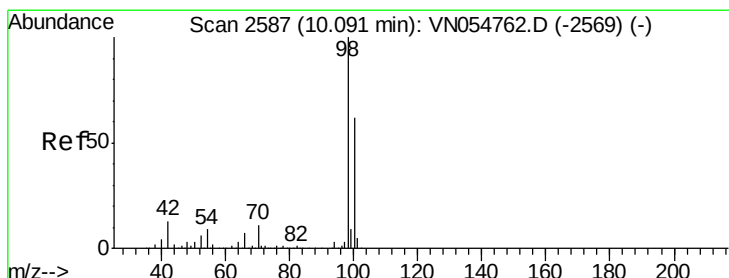
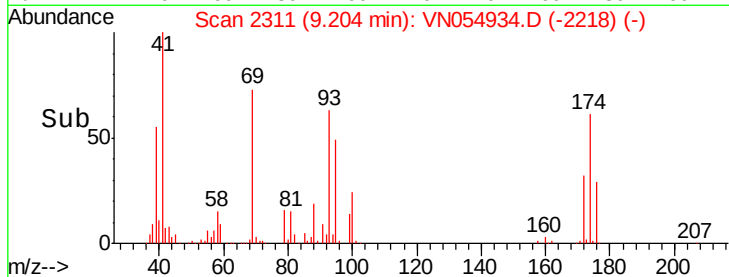
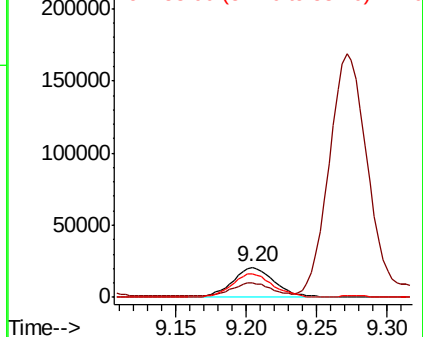
88 100

43 40.3 24.1 36.1#

58 76.1 50.8 76.2



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



#50

Toluene-d8

Concen: 51.285 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054934.D

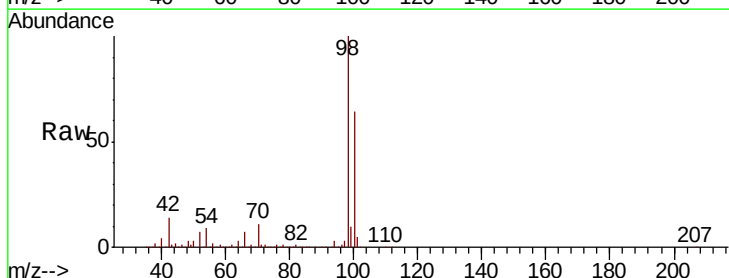
Acq: 3 Apr 2019 19:31

Tgt Ion: 98 Resp: 849406

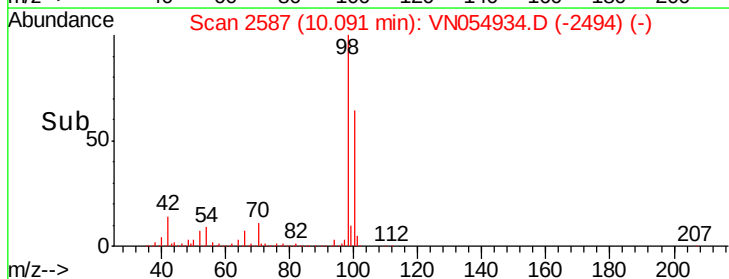
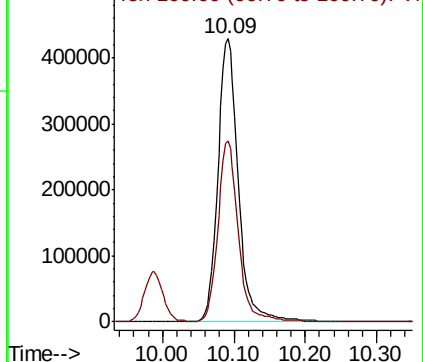
Ion Ratio Lower Upper

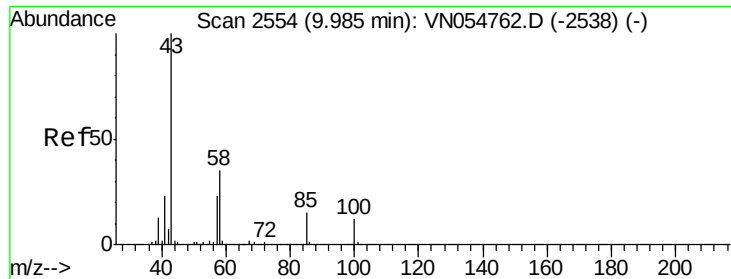
98 100

100 63.5 51.2 76.8



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

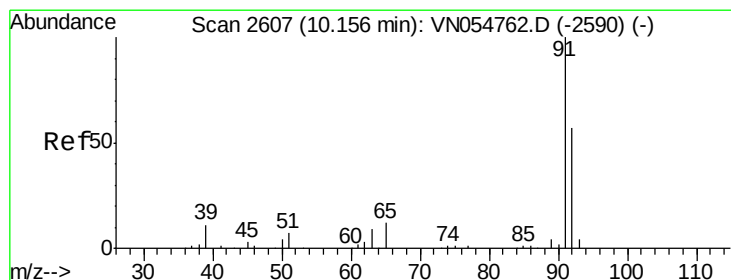
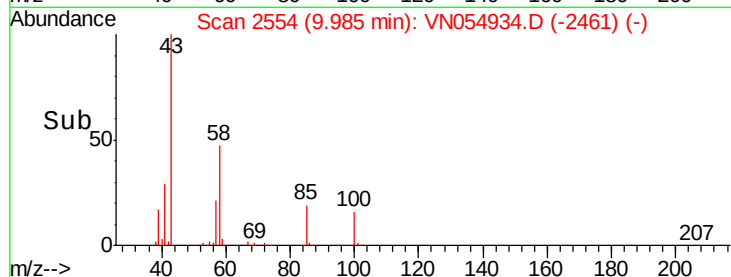
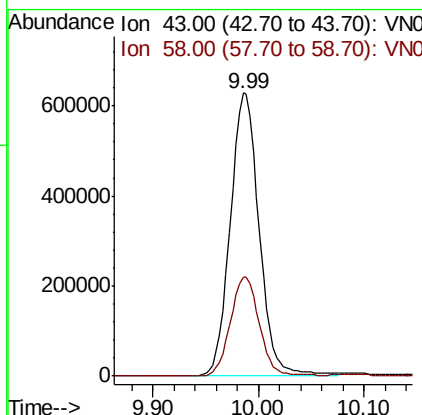
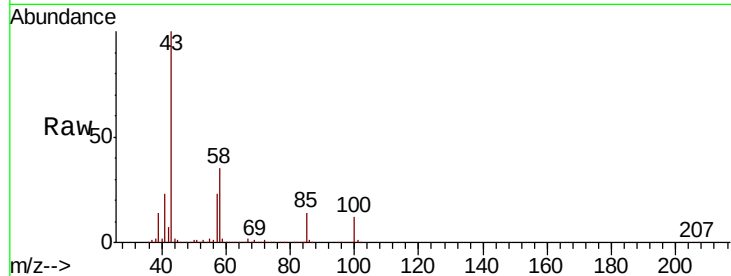




#51
 4-Methyl-2-Pentanone
 Concen: 284.252 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

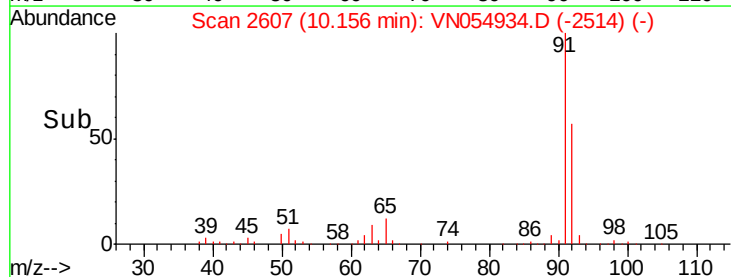
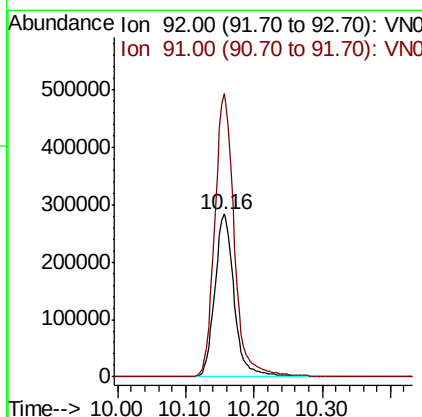
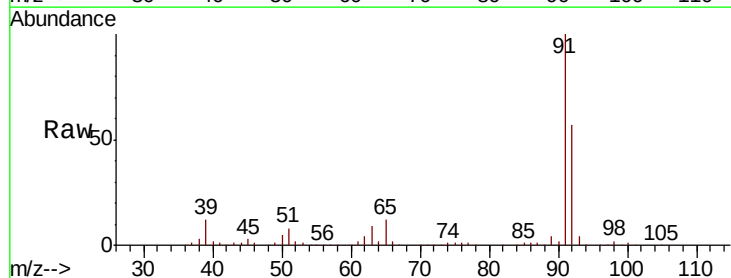
Instrument :
 MSVOA_N
 ClientSampleId :

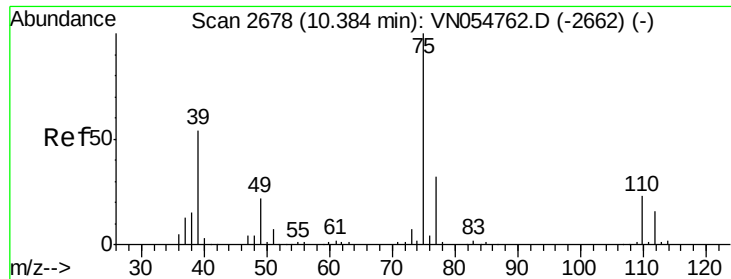
Tot Ion: 43 Resp: 1185679
 Ion Ratio Lower Upper
 43 100
 58 35.3 31.8 47.6



#52
 Toluene
 Concen: 52.886 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

Tgt Ion: 92 Resp: 560661
 Ion Ratio Lower Upper
 92 100
 91 175.1 140.7 211.1

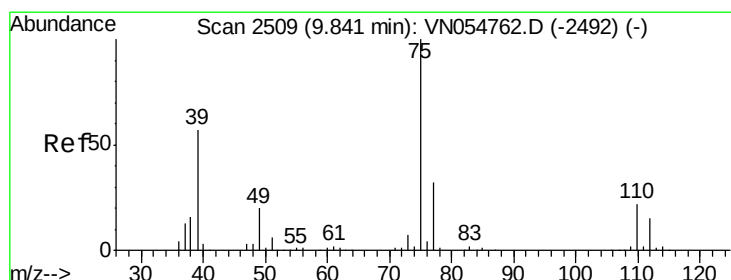
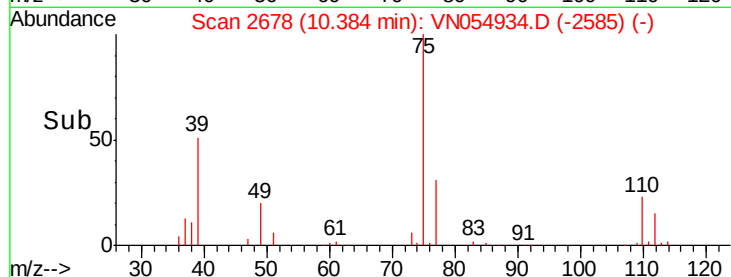
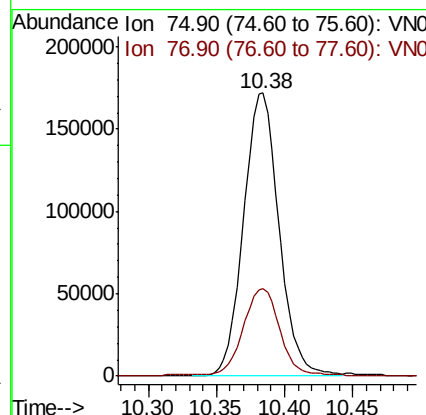
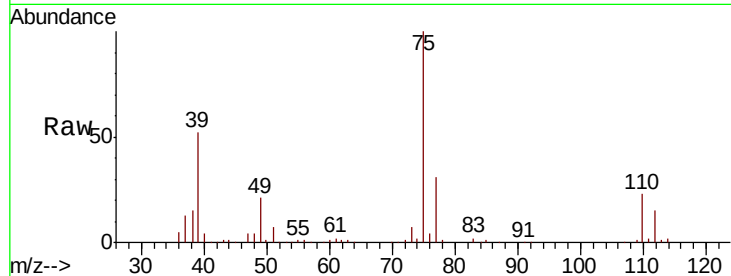




#53
t-1,3-Dichloropropene
Concen: 55.718 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

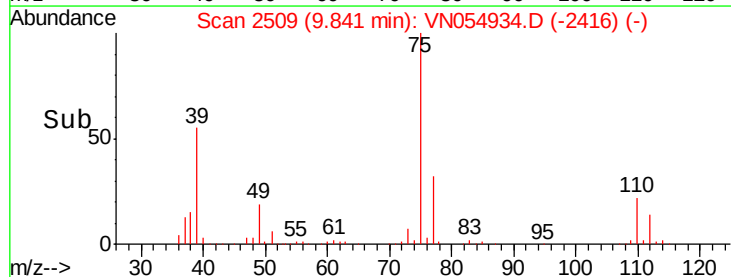
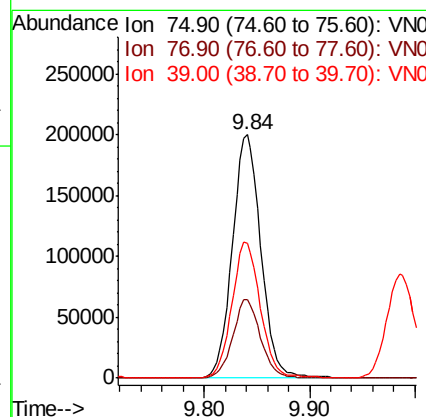
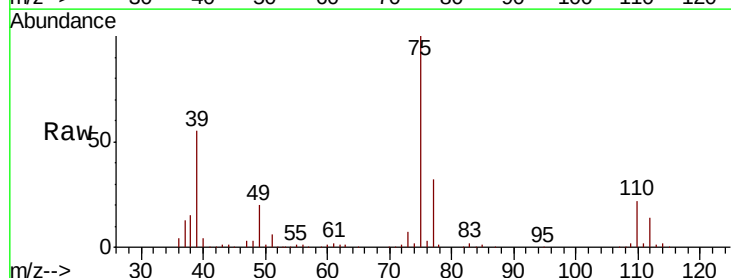
Instrument :
MSVOA_N
ClientSampleId :

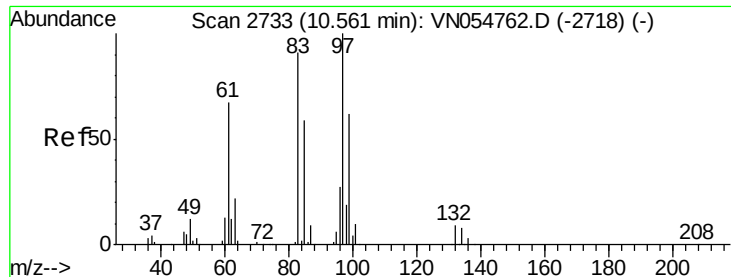
Tot Ion: 75 Resp: 311292
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 56.116 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion: 75 Resp: 374512
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
39 55.3 37.2 55.8





#55

1,1,2-Trichloroethane

Concen: 52.828 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 208248

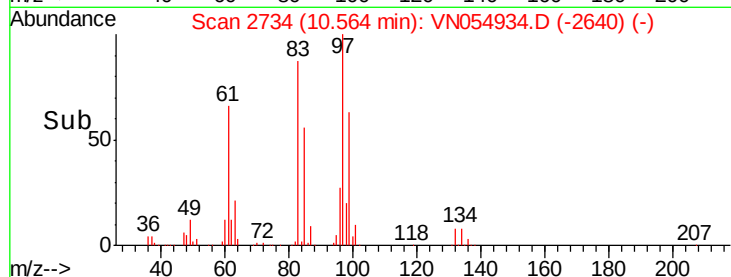
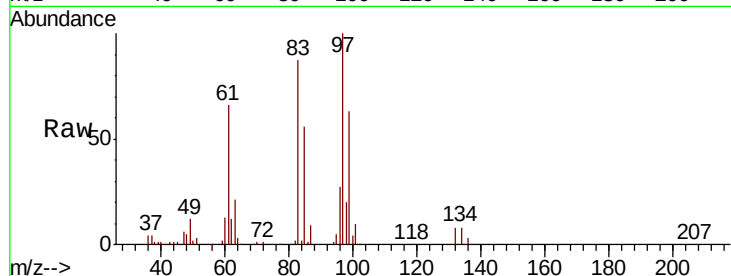
Ion	Ratio	Lower	Upper
97	100		
83	87.1	66.6	100.0
85	55.7	44.4	66.6
99	62.4	50.8	76.2

97 100

83 87.1 66.6 100.0

85 55.7 44.4 66.6

99 62.4 50.8 76.2

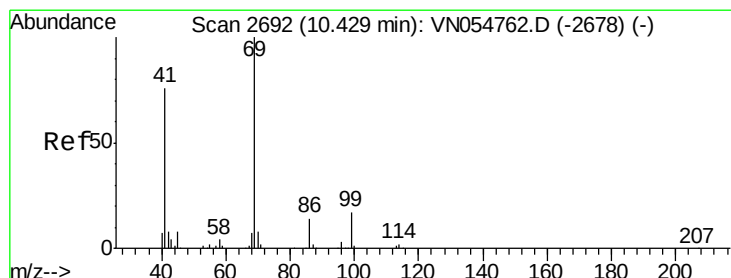
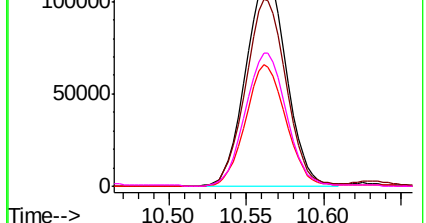


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 56.088 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

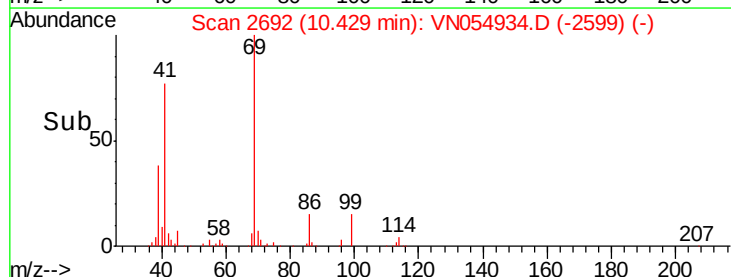
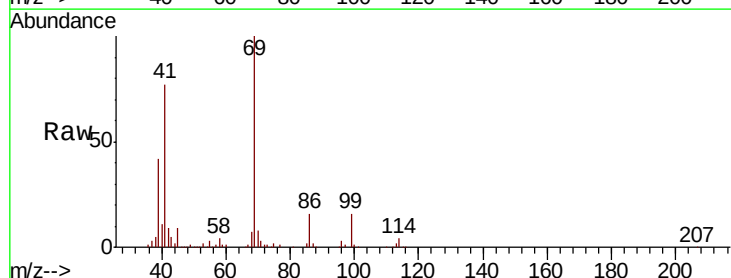
Tgt Ion: 69 Resp: 290037

Ion	Ratio	Lower	Upper
69	100		
41	77.9	49.4	74.2#
39	41.6	28.3	42.5

69 100

41 77.9 49.4 74.2#

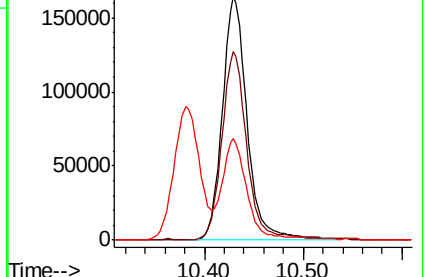
39 41.6 28.3 42.5

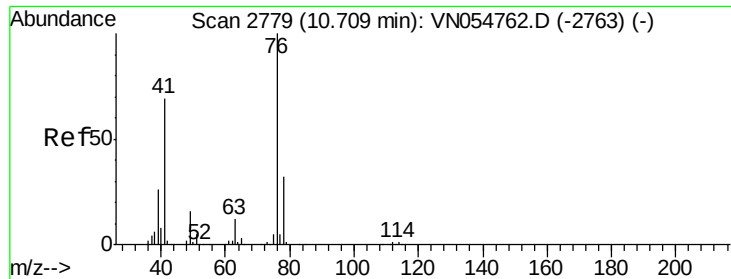


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

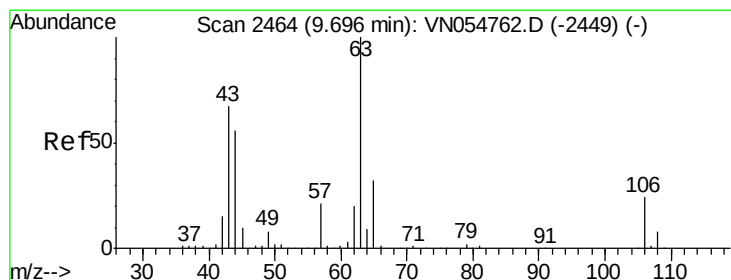
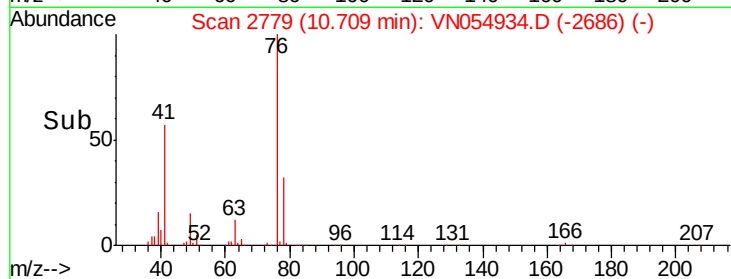
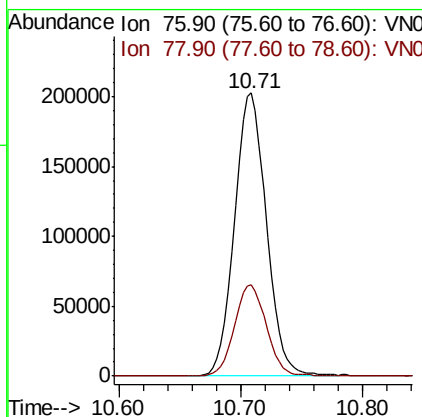
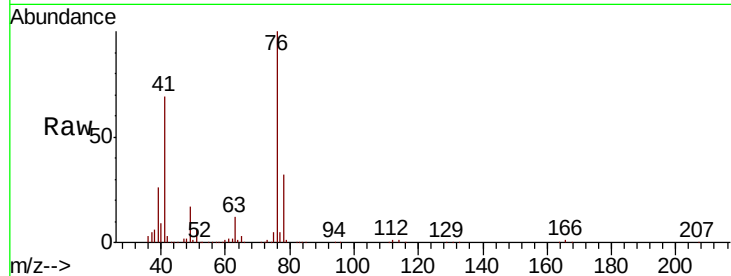




#57
 1,3-Dichloropropane
 Concen: 54.162 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

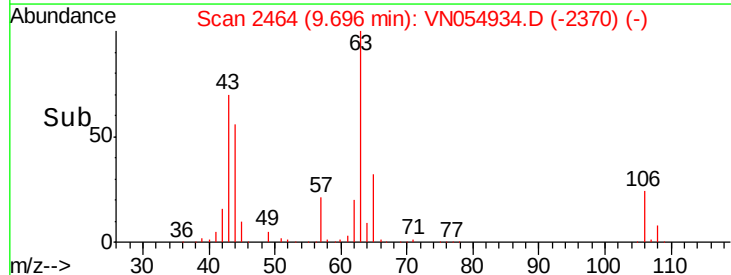
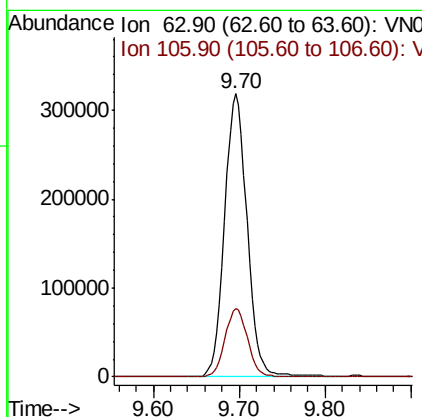
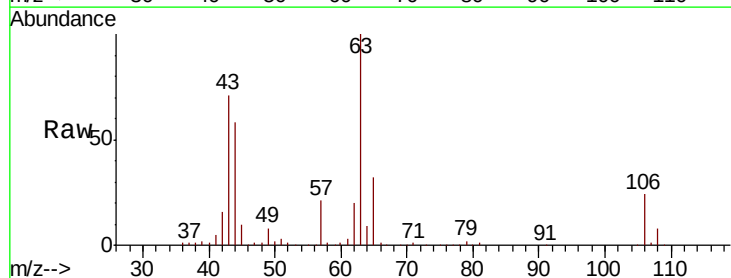
Instrument :
 MSVOA_N
 ClientSampled :

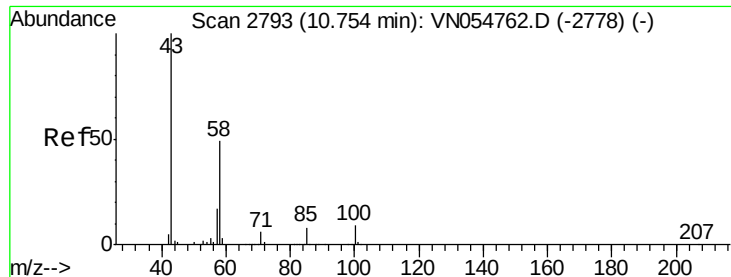
Tot Ion: 76 Resp: 367066
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.598 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

Tgt Ion: 63 Resp: 581500
 Ion Ratio Lower Upper
 63 100
 106 24.2 24.4 36.6#

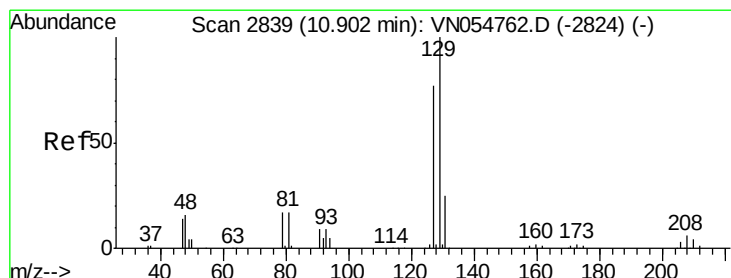
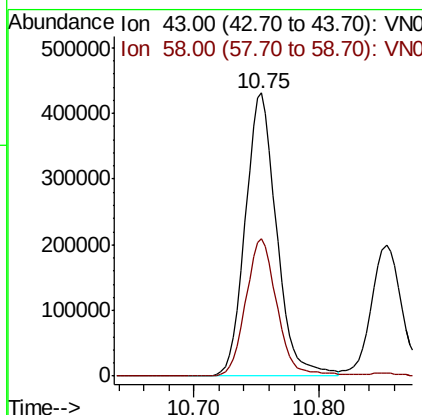
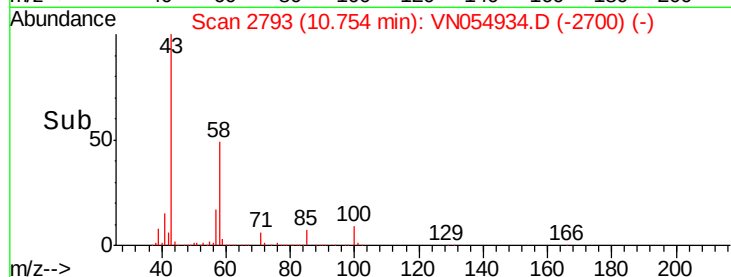
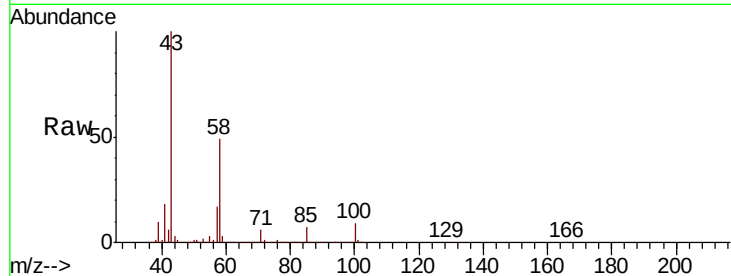




#59
2-Hexanone
Concen: 279.952 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

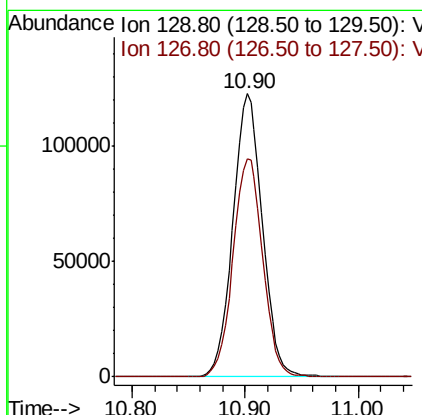
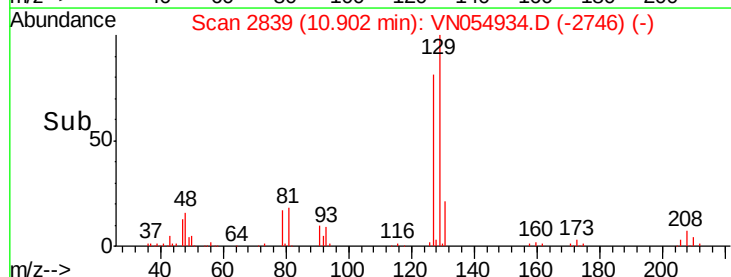
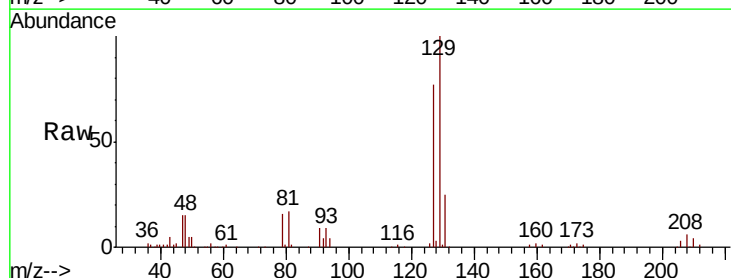
Instrument :
MSVOA_N
ClientSampleId :

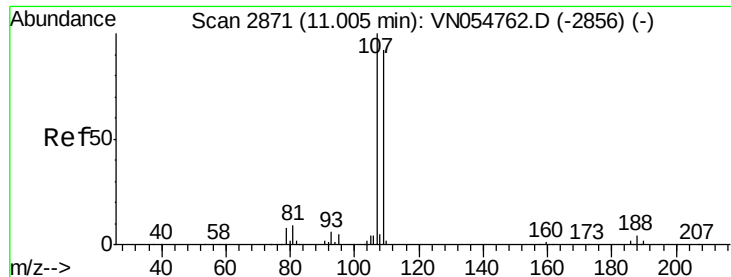
Tot Ion: 43 Resp: 747542
Ion Ratio Lower Upper
43 100
58 48.9 28.0 83.9



#60
Dibromochloromethane
Concen: 55.621 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion: 129 Resp: 222104
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8

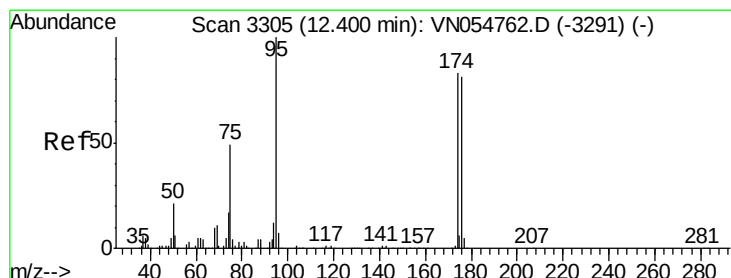
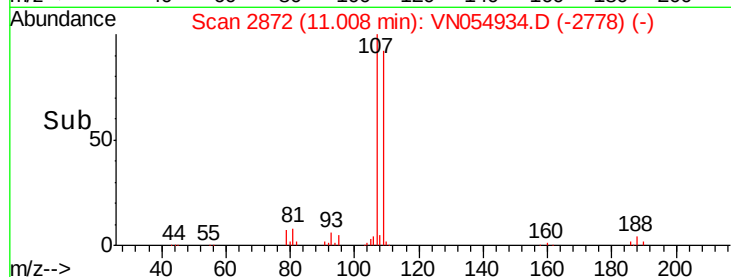
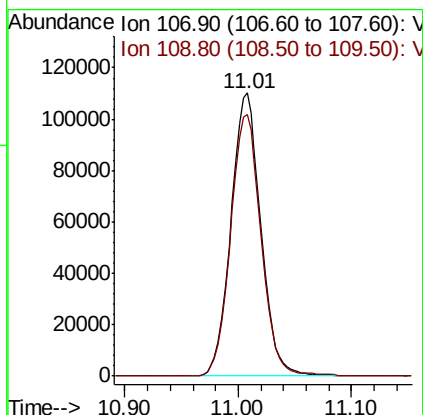
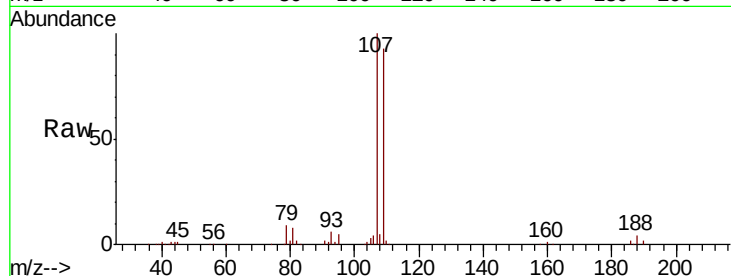




#61
 1,2-Dibromoethane
 Concen: 53.673 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

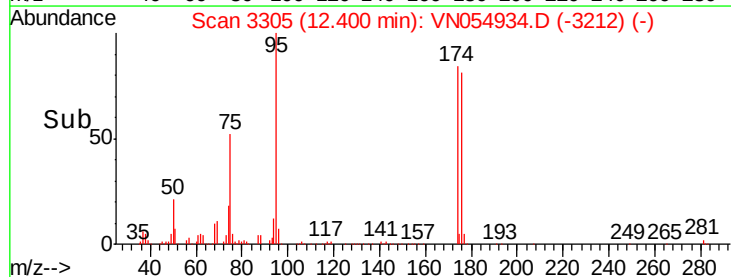
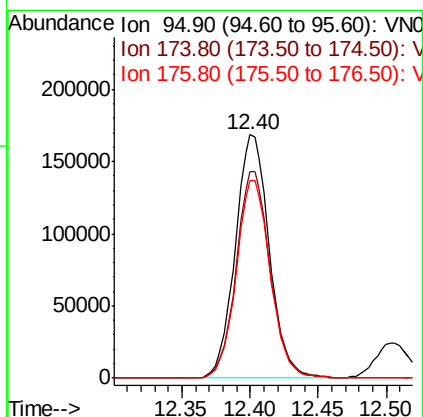
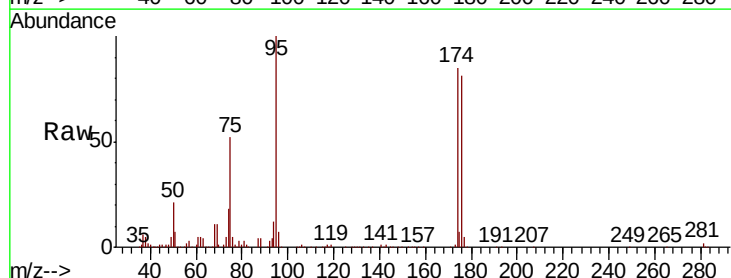
Instrument :
 MSVOA_N
 ClientSampleId :

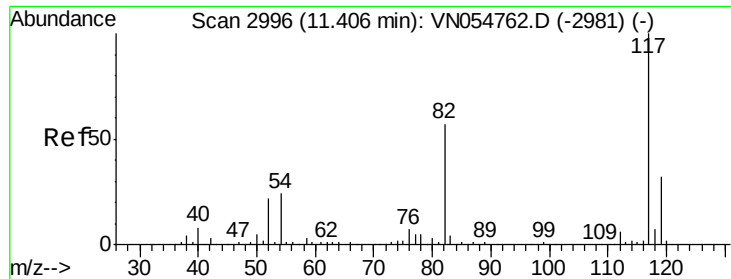
Tot Ion: 107 Resp: 202196
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 52.920 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

Tgt Ion: 95 Resp: 291495
 Ion Ratio Lower Upper
 95 100
 174 84.7 0.0 191.0
 176 81.4 0.0 187.4

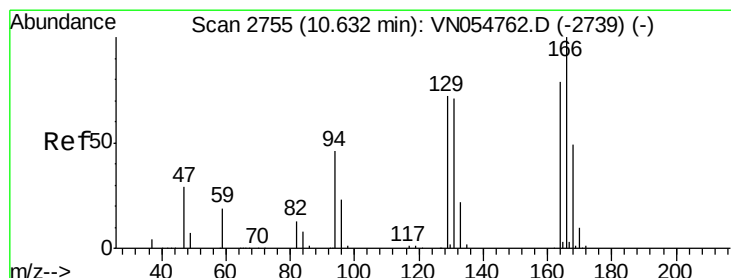
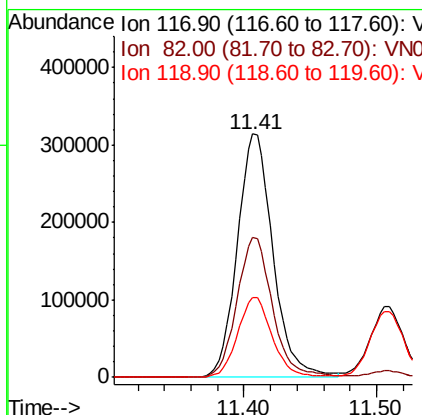
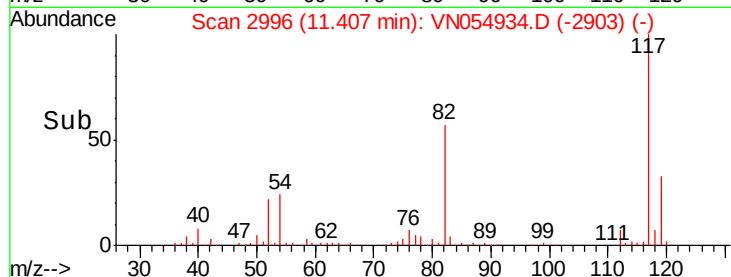
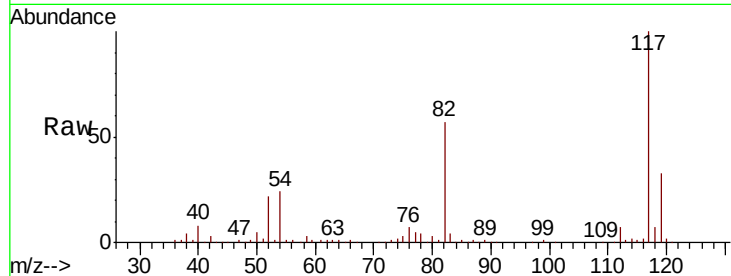




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

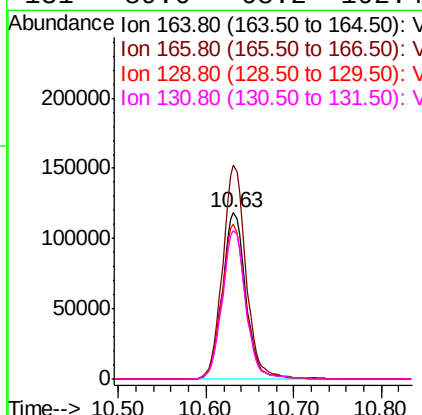
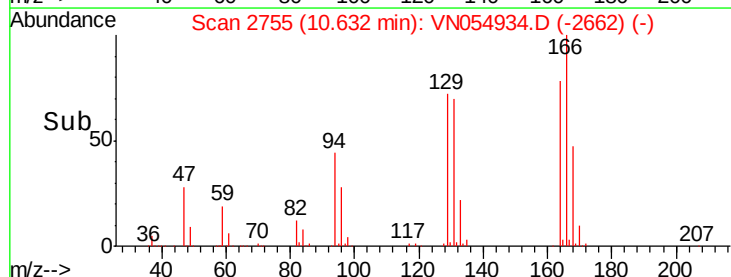
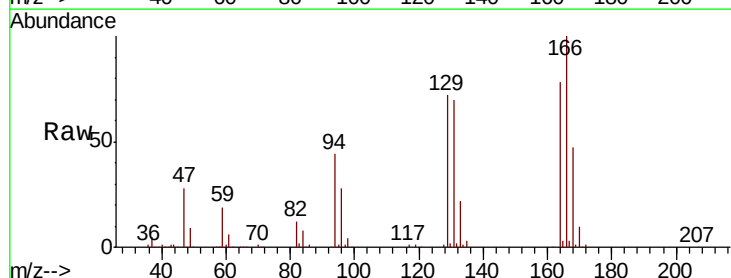
Instrument :
MSVOA_N
ClientSampled :

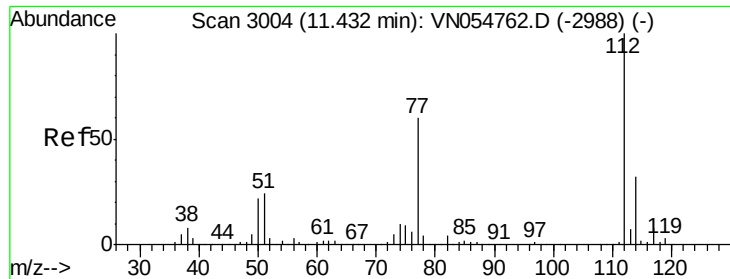
Tot Ion:117 Resp: 587378
Ion Ratio Lower Upper
117 100
82 57.4 40.0 60.0
119 32.8 25.8 38.6



#64
Tetrachloroethene
Concen: 49.102 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion:164 Resp: 221321
Ion Ratio Lower Upper
164 100
166 128.7 103.9 155.9
129 93.3 71.1 106.7
131 89.6 68.2 102.4

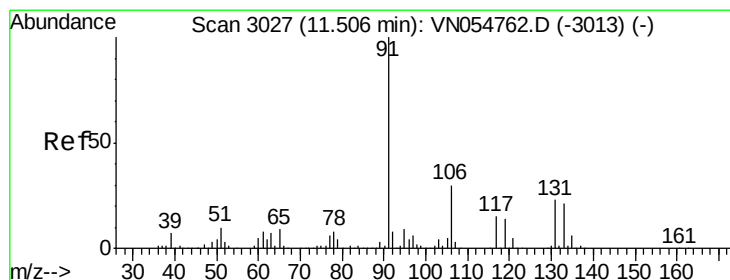
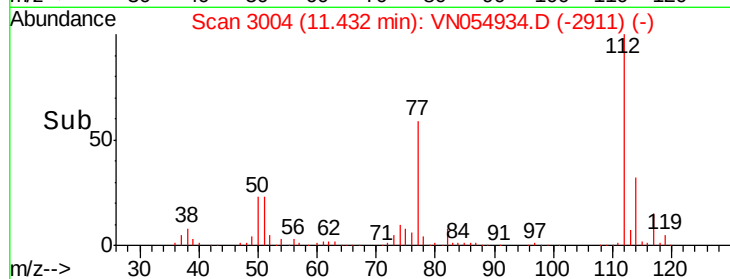
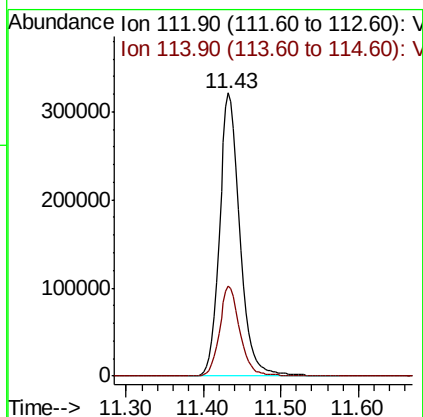
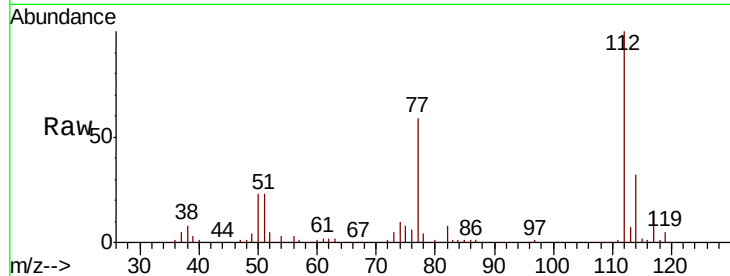




#65
Chlorobenzene
Concen: 51.489 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

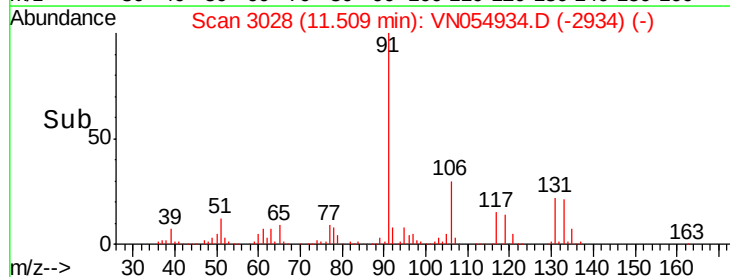
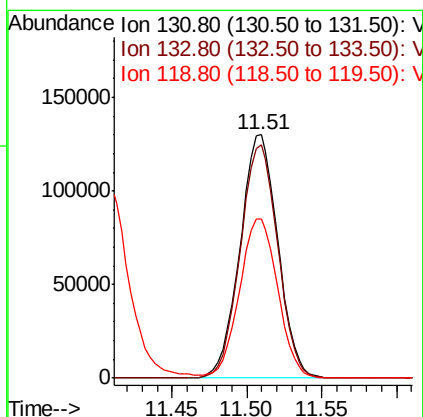
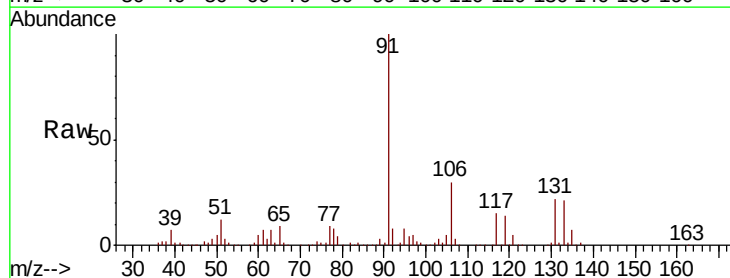
Instrument :
MSVOA_N
ClientSampled :

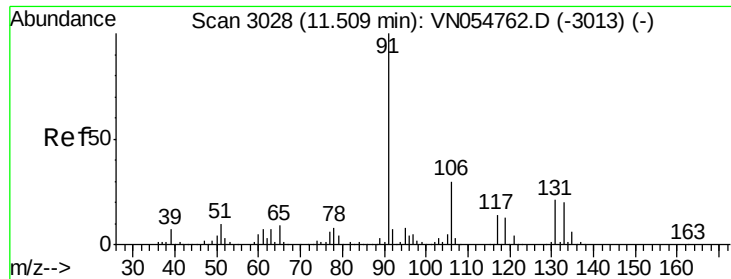
Tot Ion:112 Resp: 592139
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.199 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion:131 Resp: 228997
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 66.5 32.4 97.0

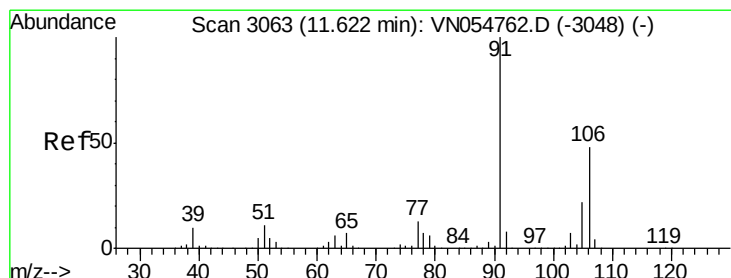
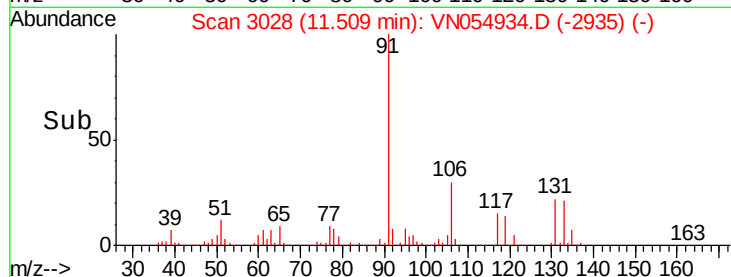
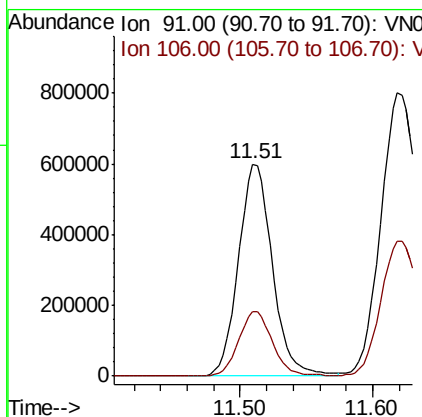
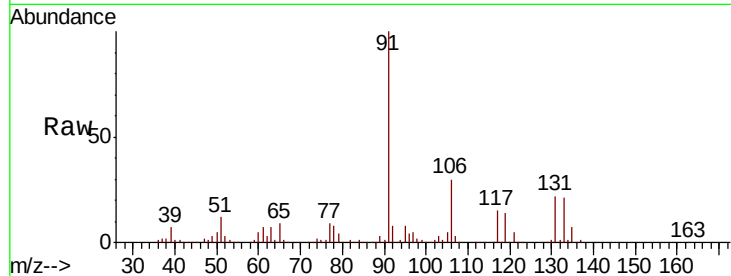




#67
Ethyl Benzene
Concen: 51.405 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

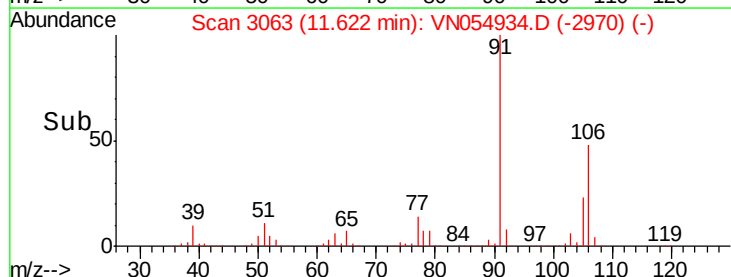
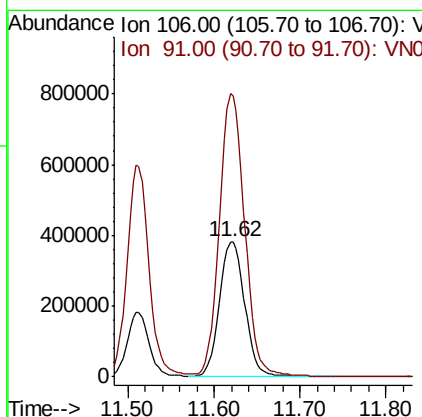
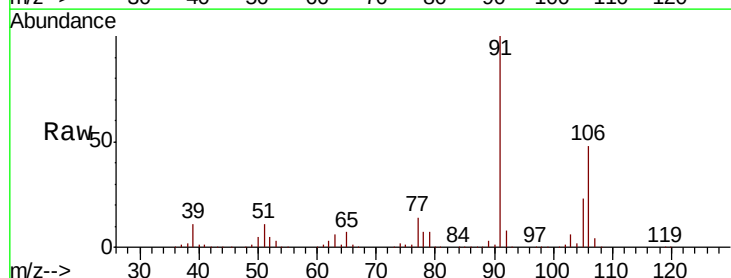
Instrument :
MSVOA_N
ClientSampled :

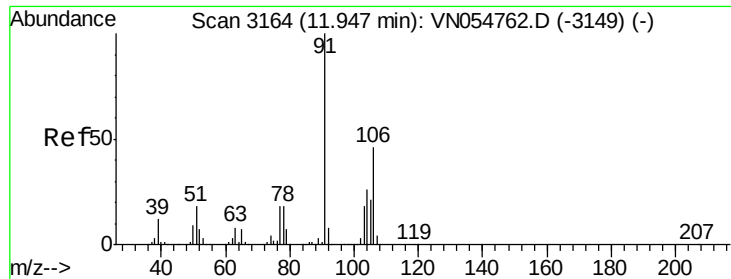
Tot Ion: 91 Resp: 1066785
Ion Ratio Lower Upper
91 100
106 30.3 25.5 38.3



#68
m/p-Xylenes
Concen: 102.618 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion: 106 Resp: 788086
Ion Ratio Lower Upper
106 100
91 208.3 159.4 239.2

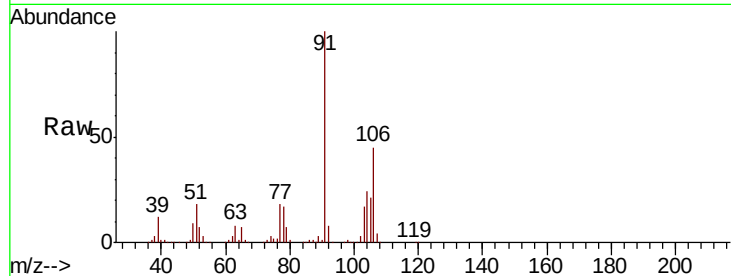




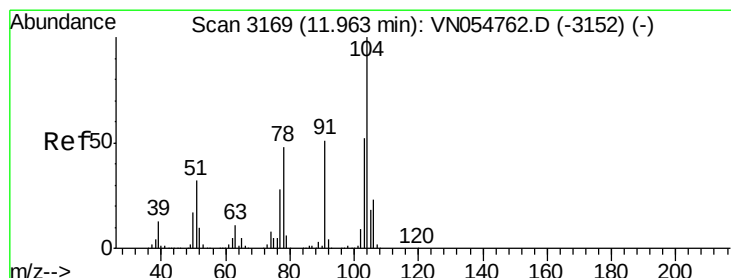
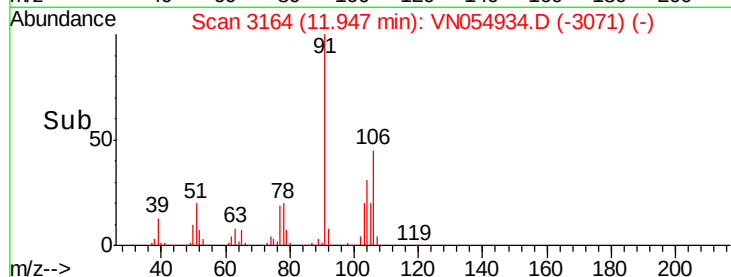
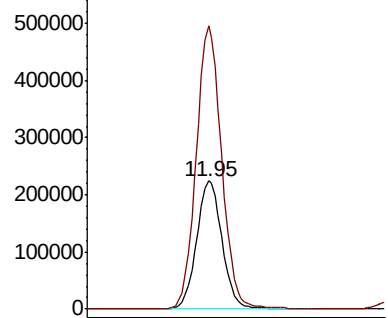
#69
o-Xylene
Concen: 51.228 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 385785
Ion Ratio Lower Upper
106 100
91 220.7 105.7 317.1

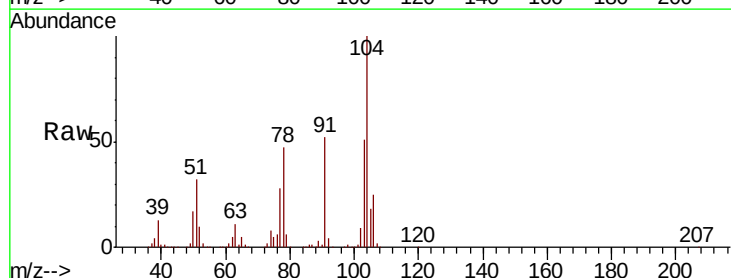


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

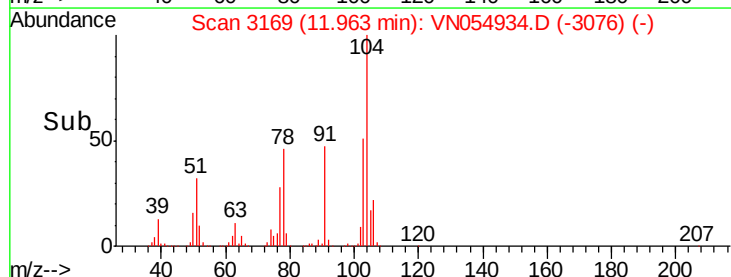
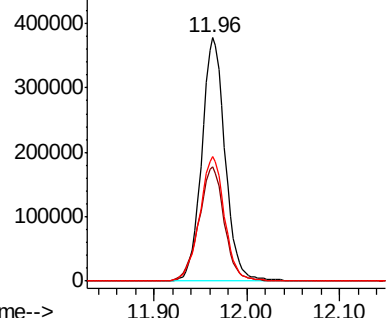


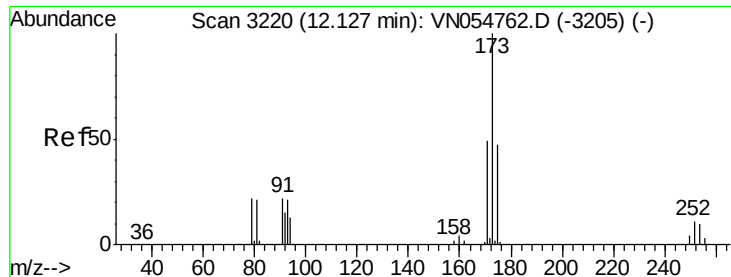
#70
Styrene
Concen: 54.697 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion:104 Resp: 658613
Ion Ratio Lower Upper
104 100
78 51.1 38.2 57.2
103 54.8 44.4 66.6



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





#71

Bromoform

Concen: 54.873 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampled :

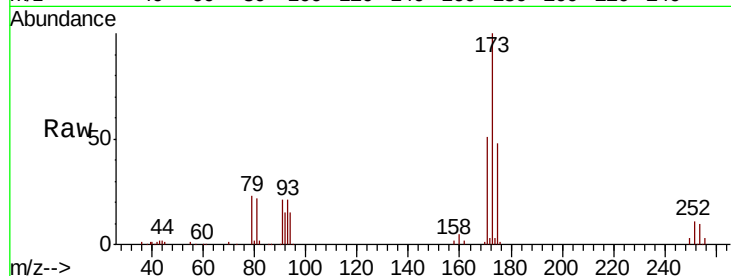
Tot Ion:173 Resp: 138375

Ion Ratio Lower Upper

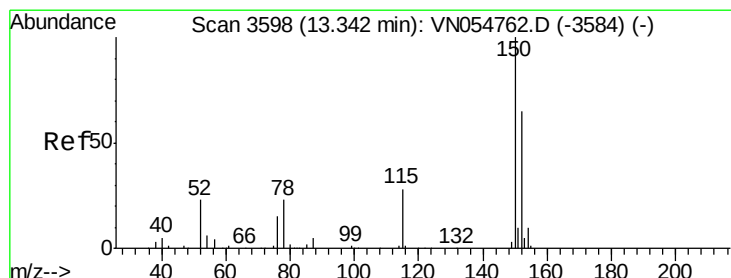
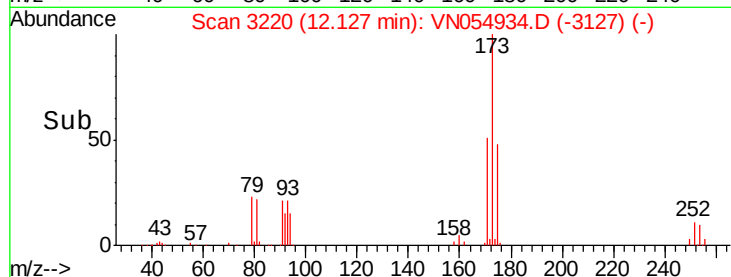
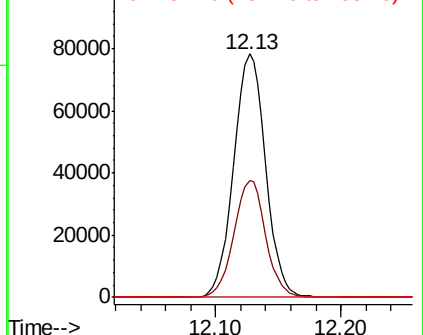
173 100

175 47.6 24.4 73.2

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

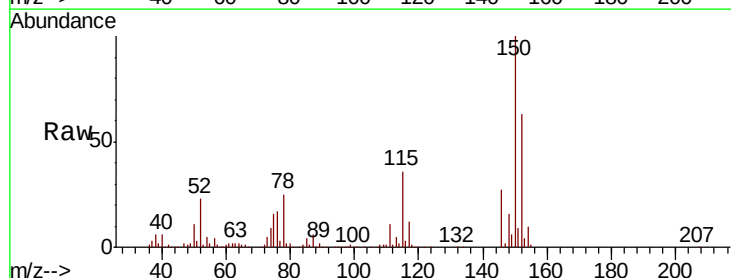
Tgt Ion:152 Resp: 270715

Ion Ratio Lower Upper

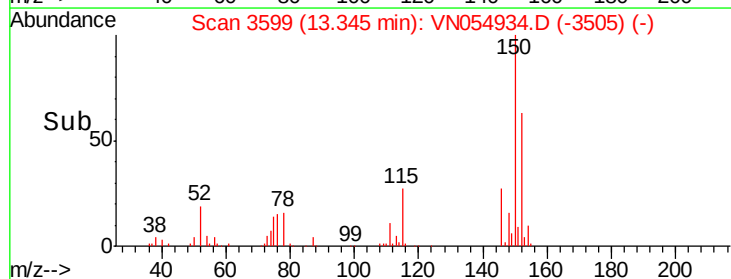
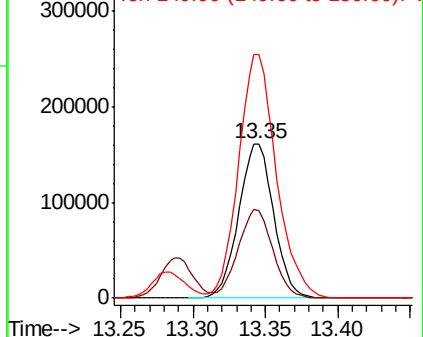
152 100

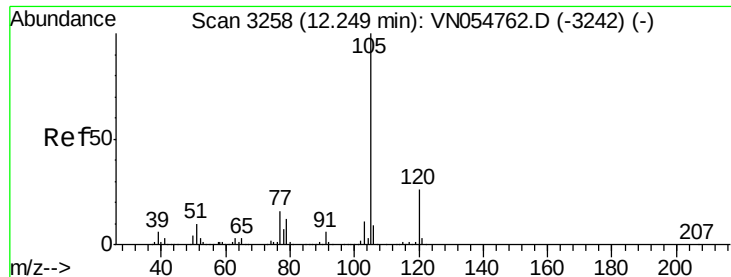
115 57.0 27.2 81.6

150 170.9 0.0 349.2



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

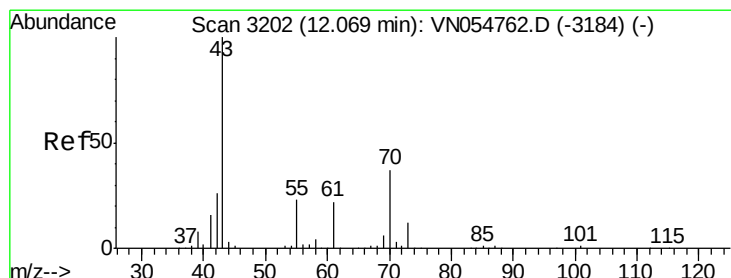
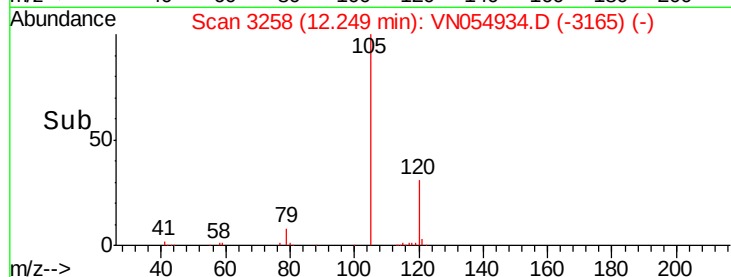
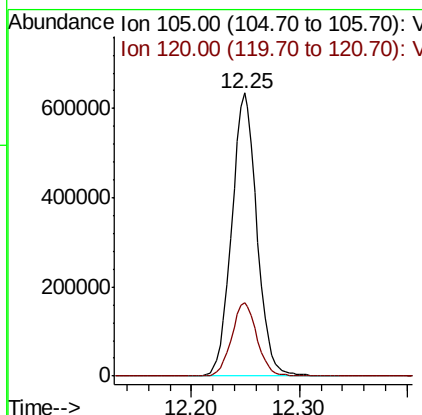
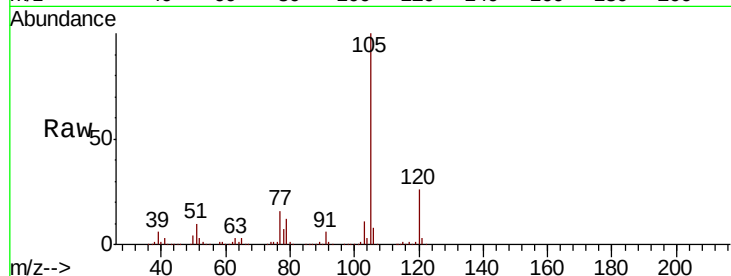




#73
Isopropylbenzene
Concen: 46.721 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

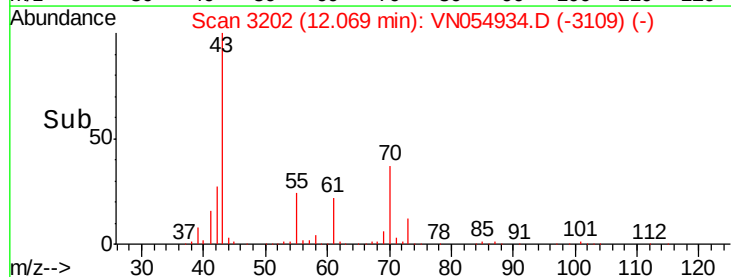
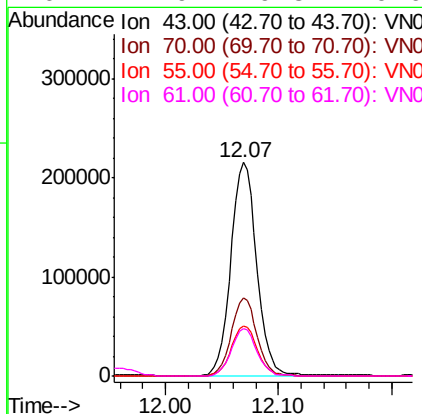
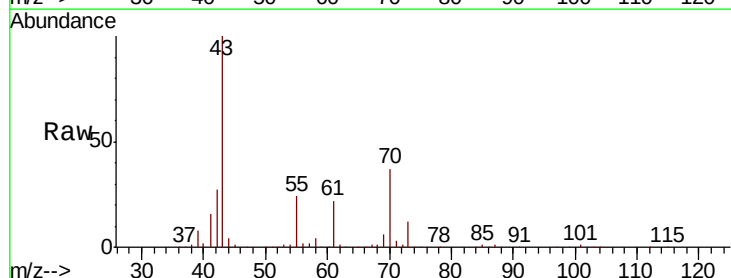
Instrument :
MSVOA_N
ClientSampleId :

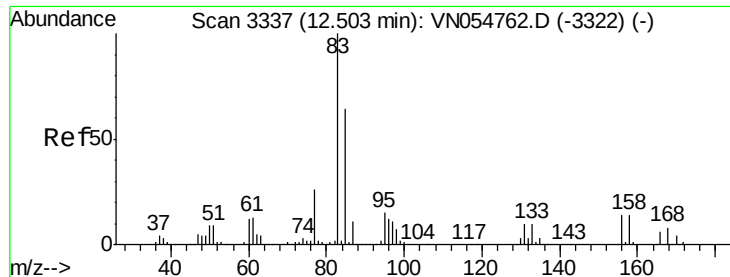
Tot Ion:105 Resp: 1033799
Ion Ratio Lower Upper
105 100
120 26.1 13.8 41.3



#74
N-ethyl acetate
Concen: 49.579 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion: 43 Resp: 341776
Ion Ratio Lower Upper
43 100
70 36.2 35.4 53.0
55 24.0 19.8 29.6
61 21.9 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 53.908 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

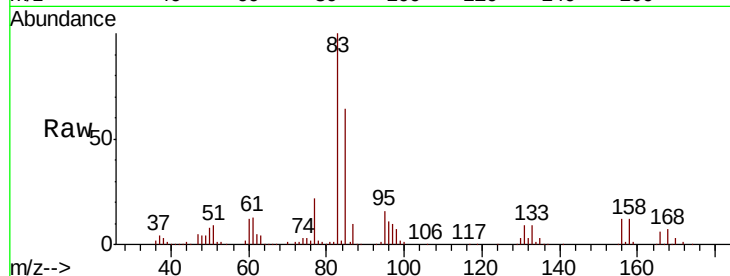
Tot Ion: 83 Resp: 262303

Ion Ratio Lower Upper

83 100

131 9.6 5.8 17.4

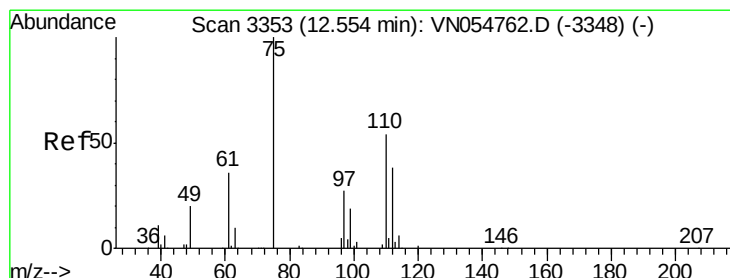
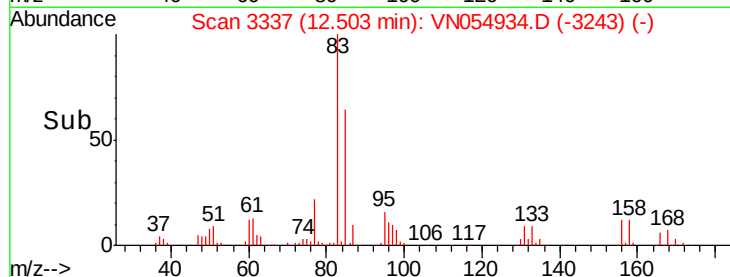
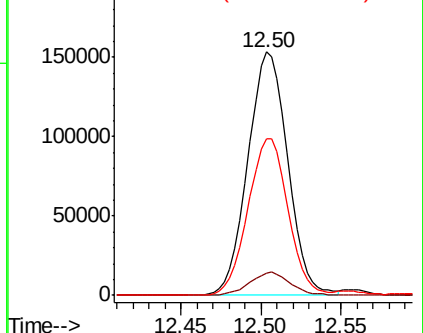
85 64.7 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN054934.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN054934.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN054934.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 66.771 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054934.D

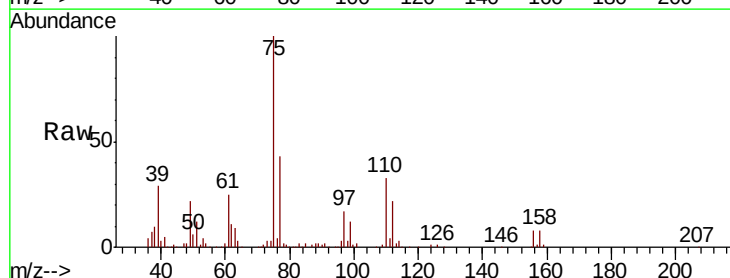
Acq: 3 Apr 2019 19:31

Tgt Ion: 75 Resp: 314019

Ion Ratio Lower Upper

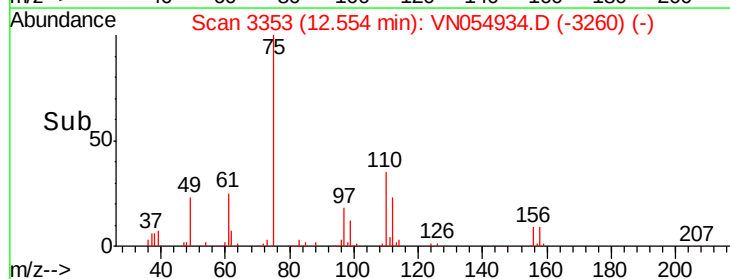
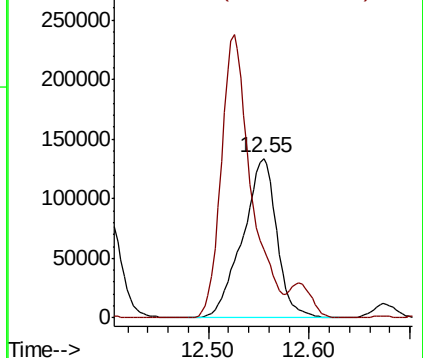
75 100

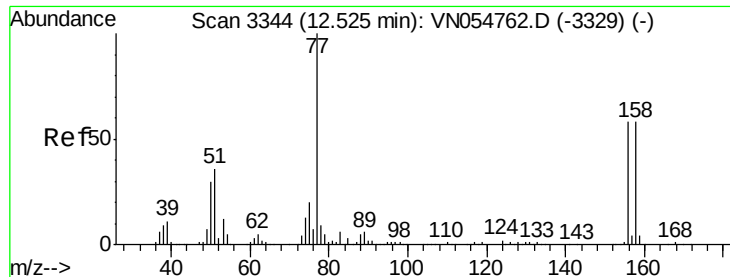
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054934.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN054934.D (-3260) (-)





#77

Bromobenzene

Concen: 47.581 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

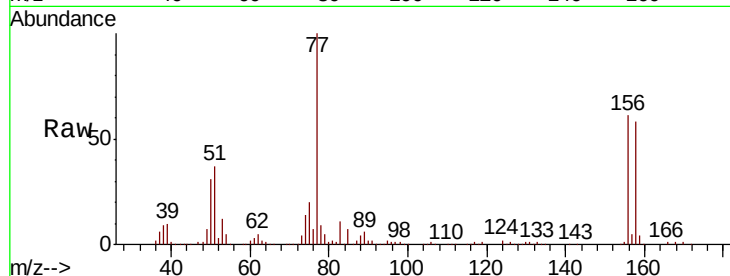
Tot Ion:156 Resp: 254097

Ion Ratio Lower Upper

156 100

77 193.2 81.5 244.4

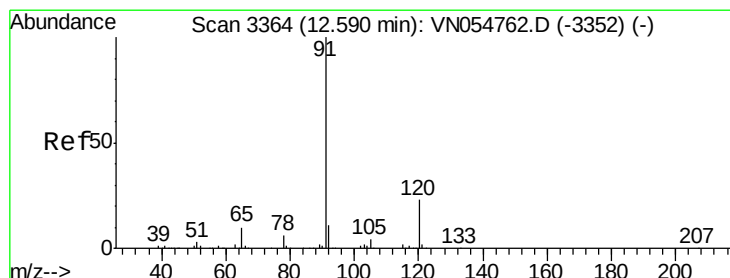
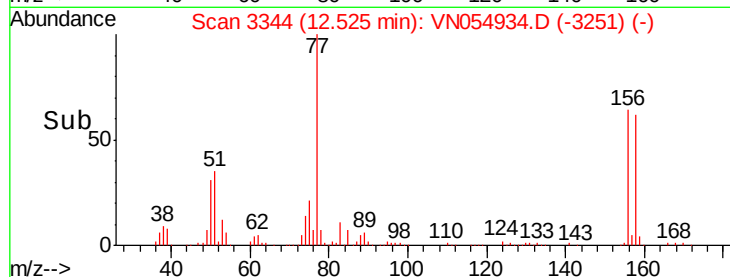
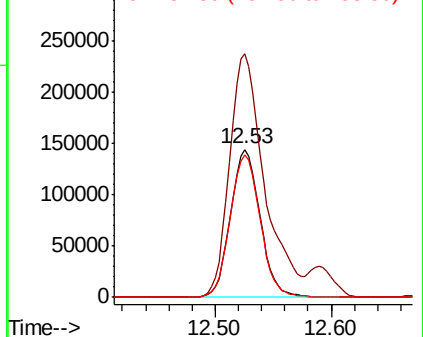
158 97.5 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.090 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054934.D

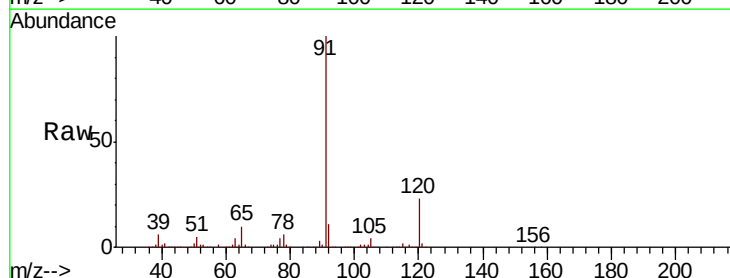
Acq: 3 Apr 2019 19:31

Tgt Ion: 91 Resp: 1169565

Ion Ratio Lower Upper

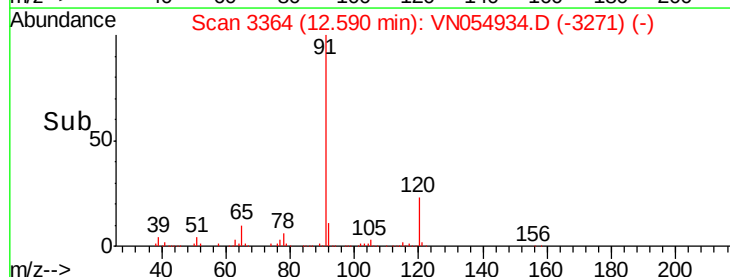
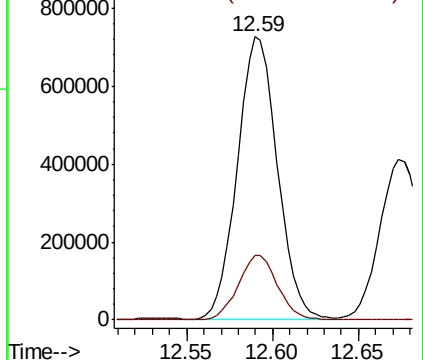
91 100

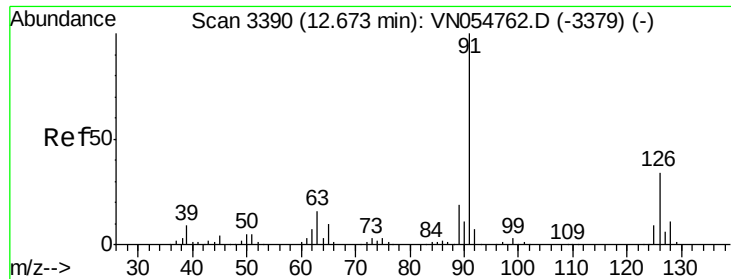
120 22.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.905 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :

MSVOA_N

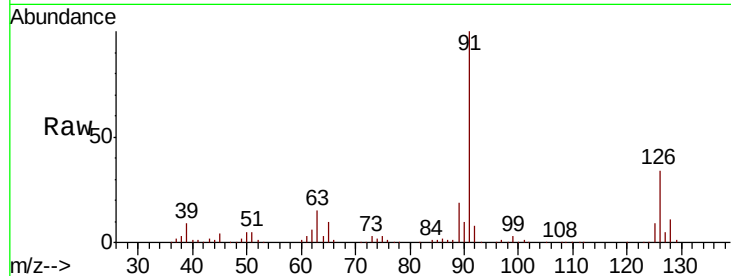
ClientSampled :

Tot Ion: 91 Resp: 705731

Ion Ratio Lower Upper

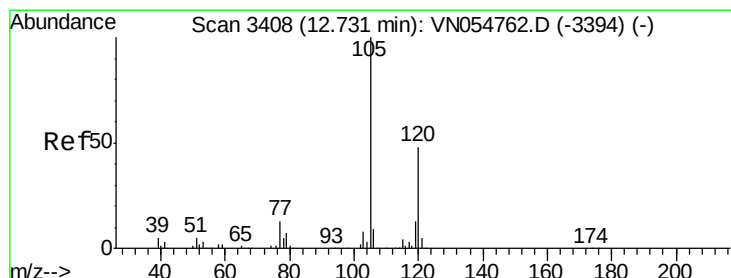
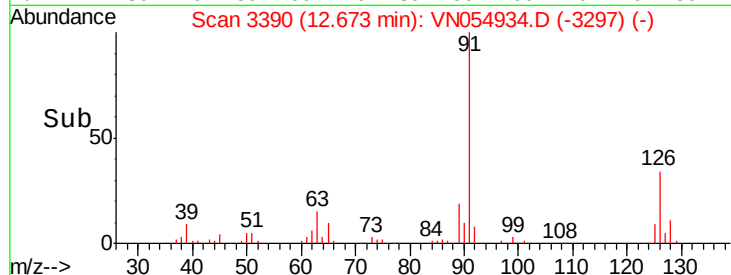
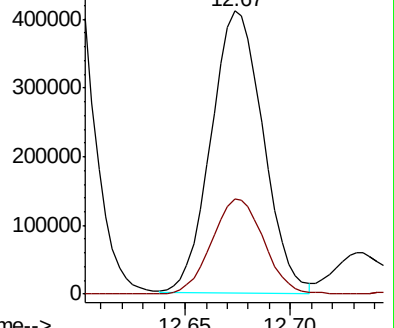
91 100

126 33.9 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VN054762.D (-3379) (-)

Ion 125.90 (125.60 to 126.60): VN054762.D (-3379) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.549 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054934.D

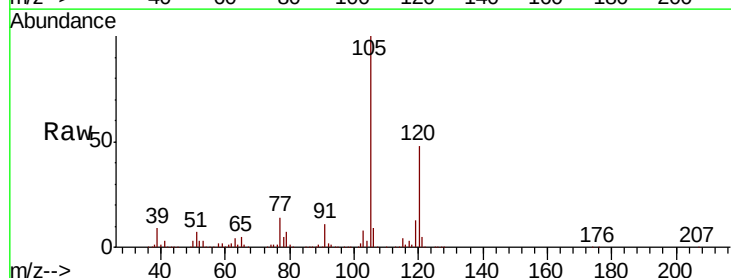
Acq: 3 Apr 2019 19:31

Tgt Ion:105 Resp: 863309

Ion Ratio Lower Upper

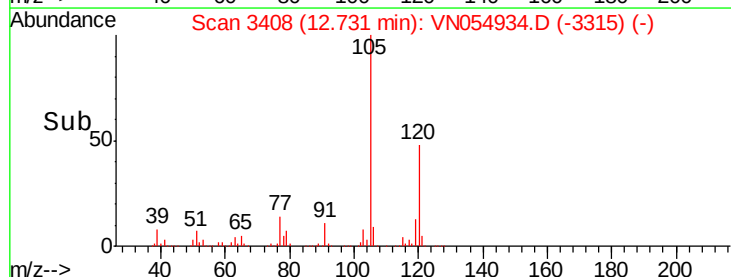
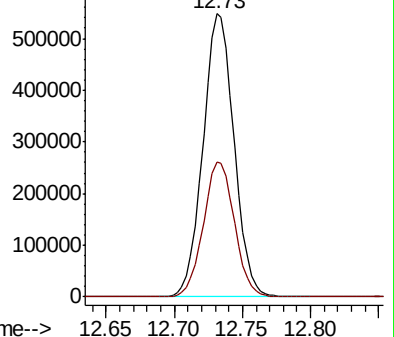
105 100

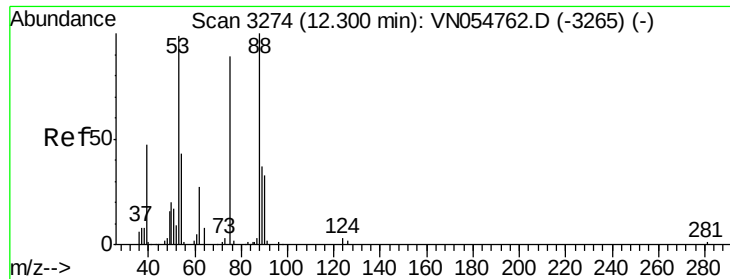
120 47.8 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054762.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054762.D (-3394) (-)

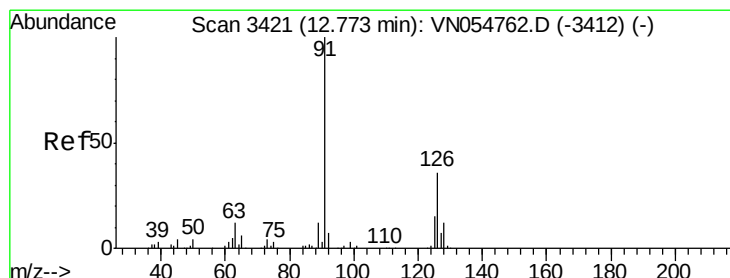
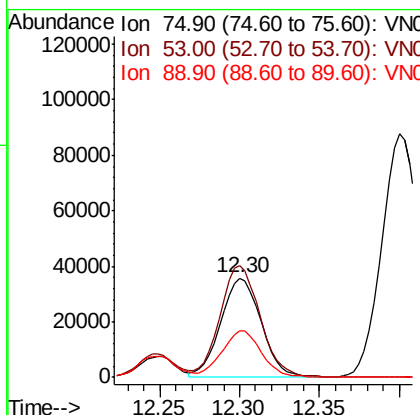
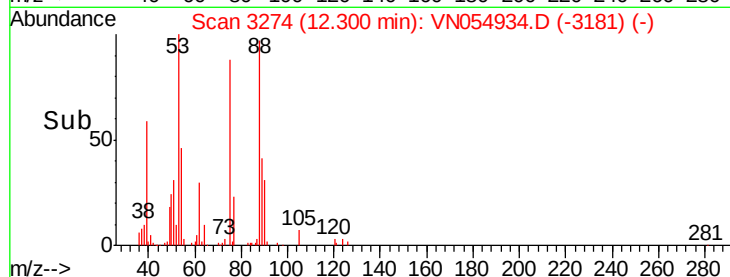
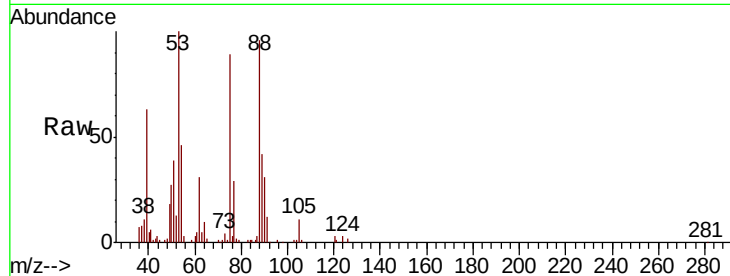




#81
trans-1,4-Dichloro-2-butene
Concen: 50.205 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

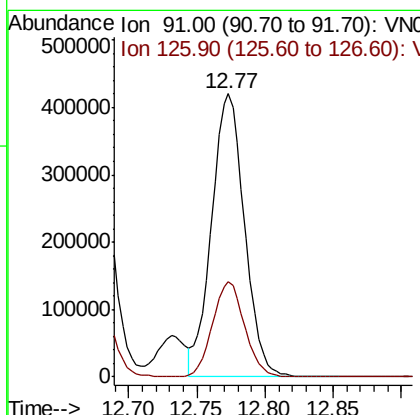
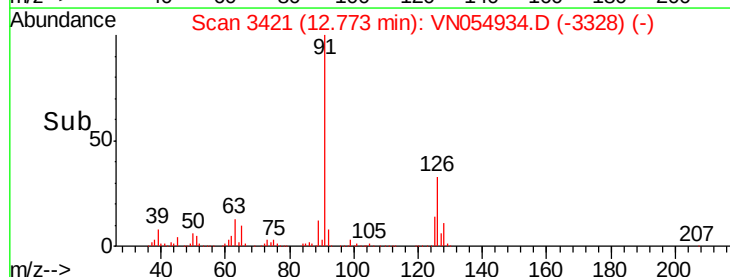
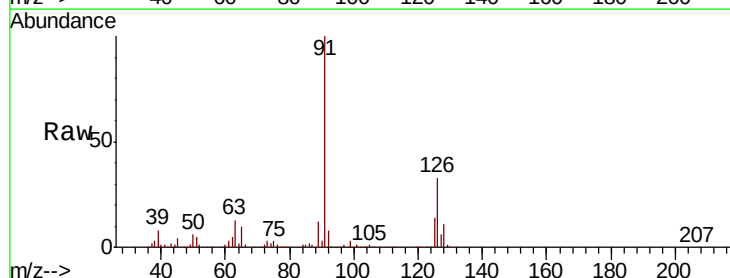
Instrument :
MSVOA_N
ClientSampled :

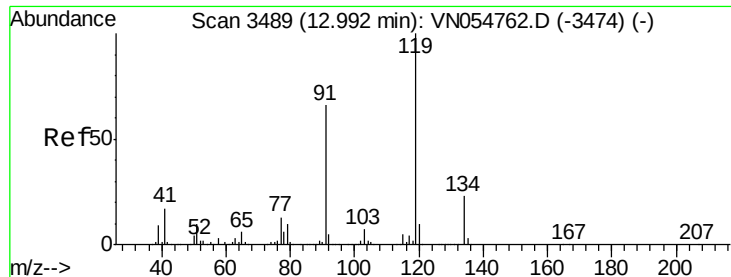
Tot Ion: 75 Resp: 60701
Ion Ratio Lower Upper
75 100
53 115.2 76.2 114.2#
89 46.7 39.2 58.8



#82
4-Chlorotoluene
Concen: 47.974 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN054934.D
Acq: 3 Apr 2019 19:31

Tgt Ion: 91 Resp: 701105
Ion Ratio Lower Upper
91 100
126 33.0 18.1 54.1

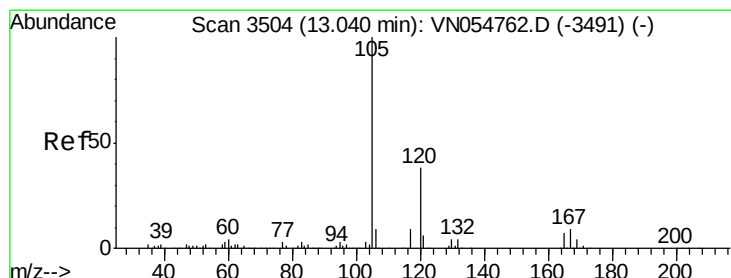
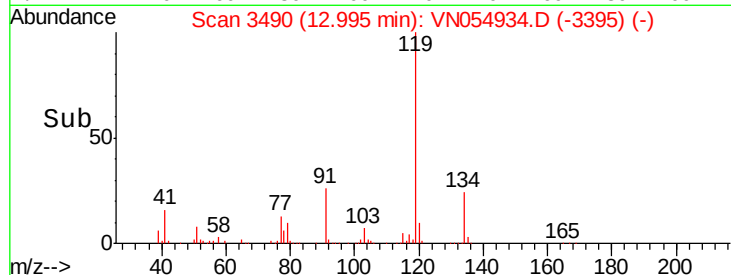
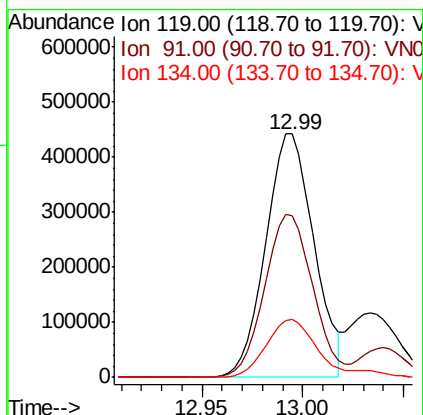
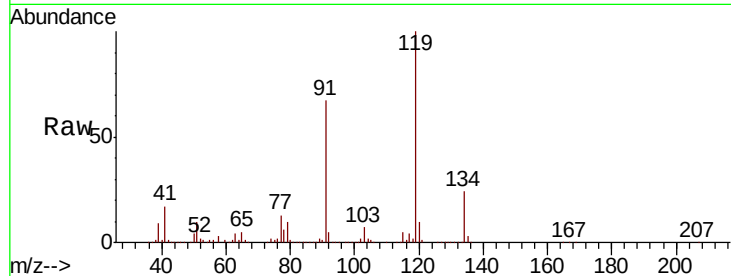




#83
 tert-Butylbenzene
 Concen: 52.362 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

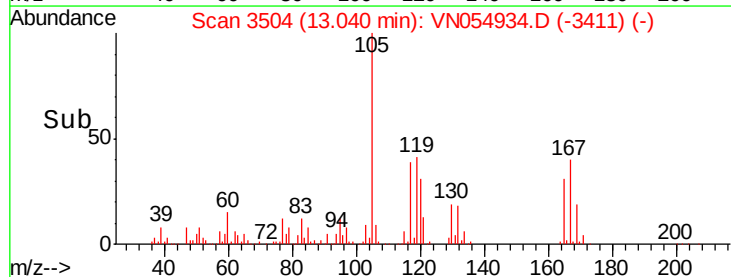
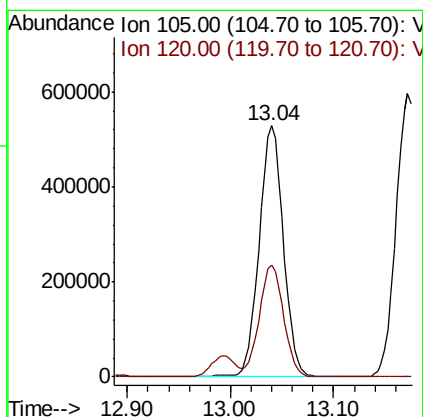
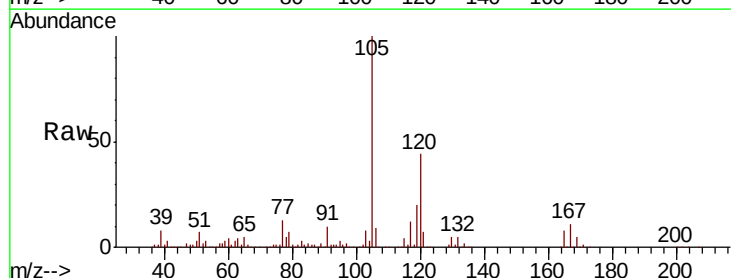
Instrument :
 MSVOA_N
 ClientSampled :

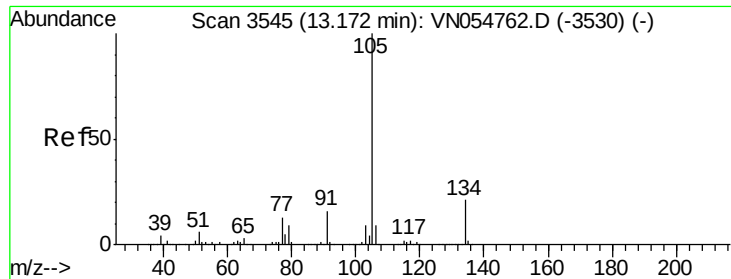
Tot Ion:119 Resp: 735226
 Ion Ratio Lower Upper
 119 100
 91 66.5 30.9 92.8
 134 26.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.598 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

Tgt Ion:105 Resp: 857906
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.4 70.3





#85

sec-Butylbenzene

Concen: 48.081 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :

MSVOA_N

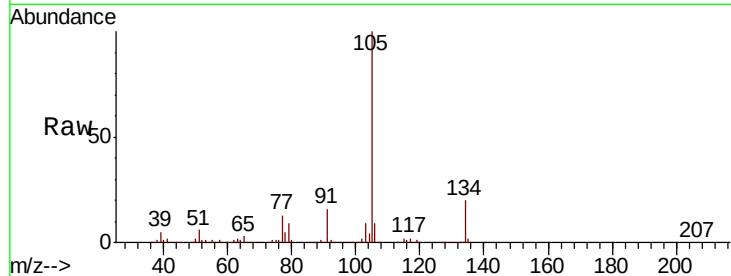
ClientSampled :

Tot Ion:105 Resp: 948305

Ion Ratio Lower Upper

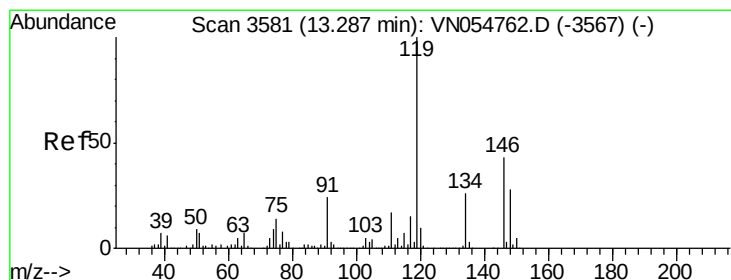
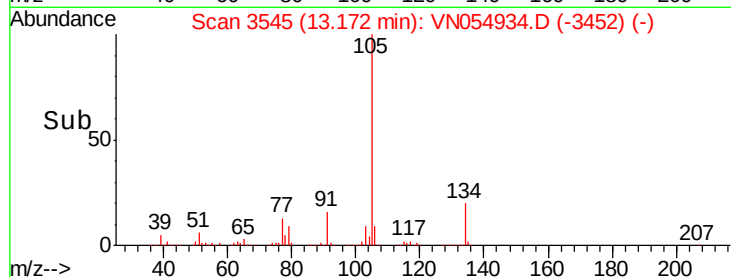
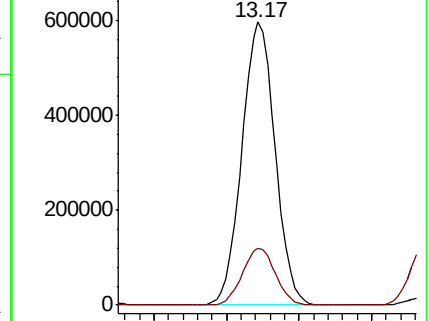
105 100

134 20.2 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.229 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

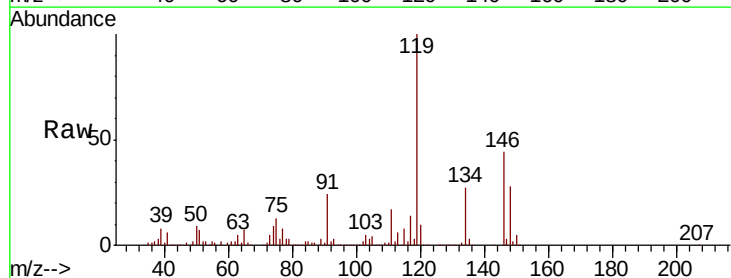
Tgt Ion:119 Resp: 838967

Ion Ratio Lower Upper

119 100

134 26.4 13.6 40.8

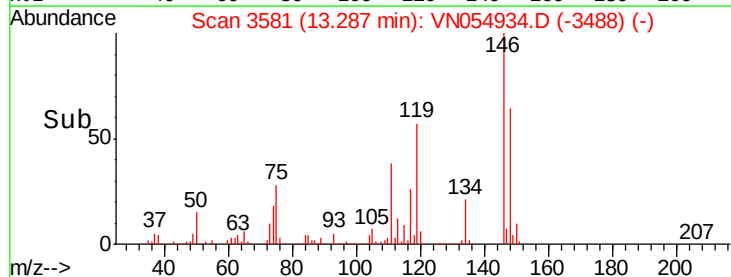
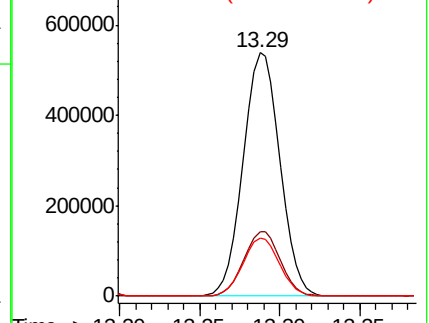
91 23.7 11.1 33.3

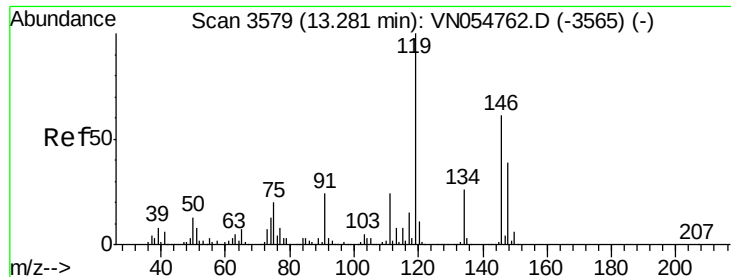


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

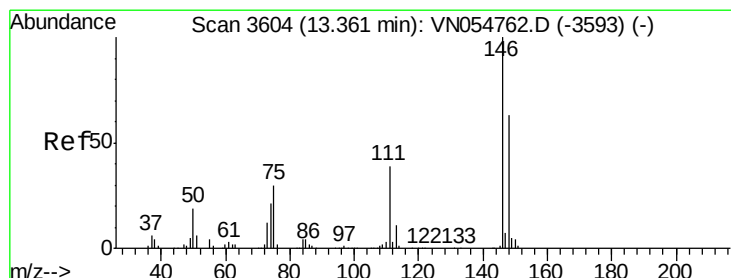
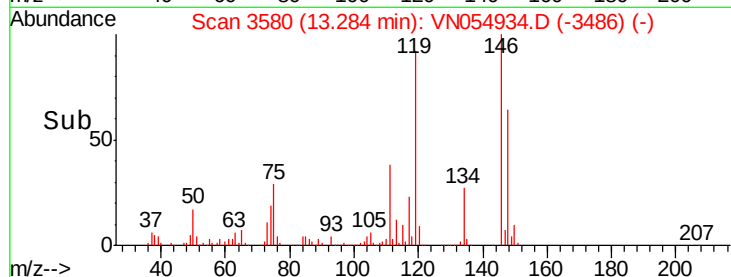
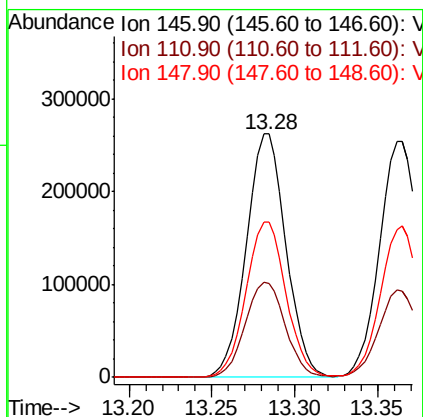
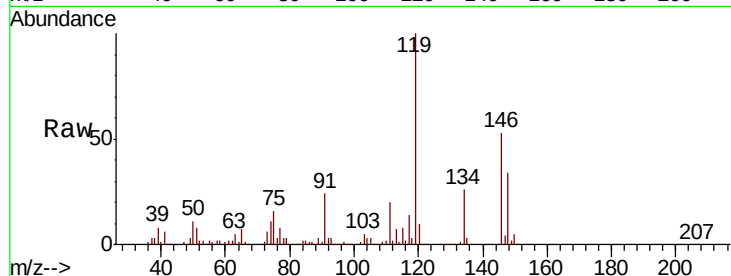




#87
 1,3-Dichlorobenzene
 Concen: 48.695 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

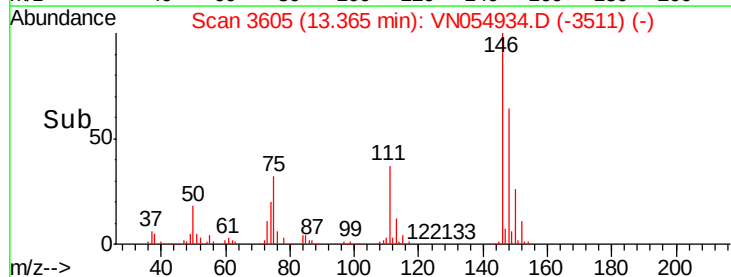
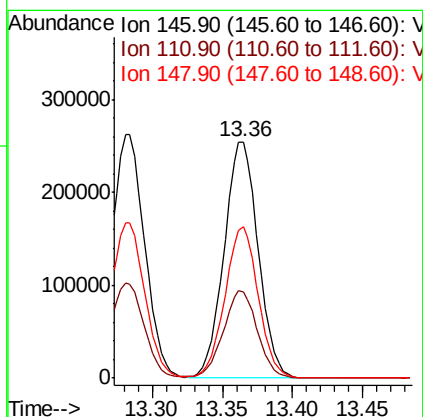
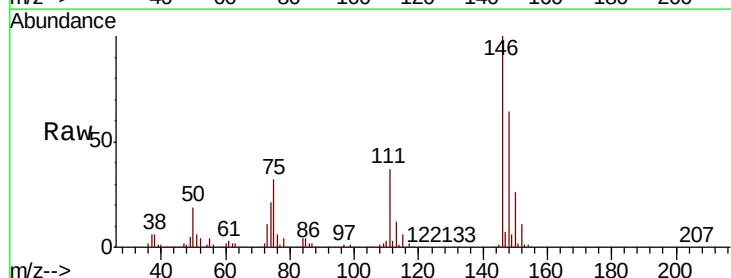
Instrument :
 MSVOA_N
 ClientSampleId :

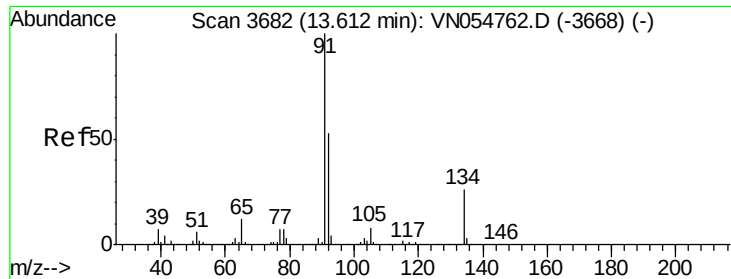
Tot Ion:146 Resp: 435384
 Ion Ratio Lower Upper
 146 100
 111 39.5 18.8 56.3
 148 64.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.823 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

Tgt Ion:146 Resp: 428138
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.1
 148 63.0 32.0 96.0





#89

n-Butylbenzene

Concen: 49.466 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

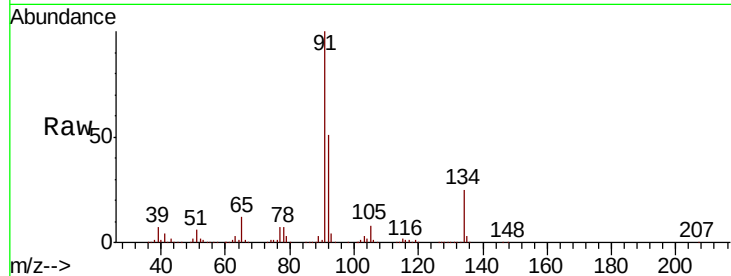
Tot Ion: 91 Resp: 702059

Ion Ratio Lower Upper

91 100

92 51.2 26.2 78.6

134 25.0 14.3 42.9

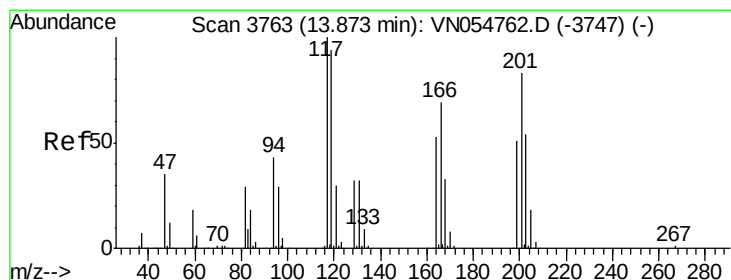
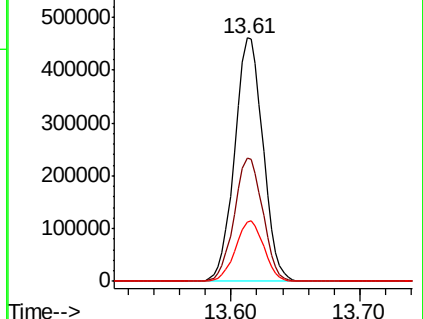
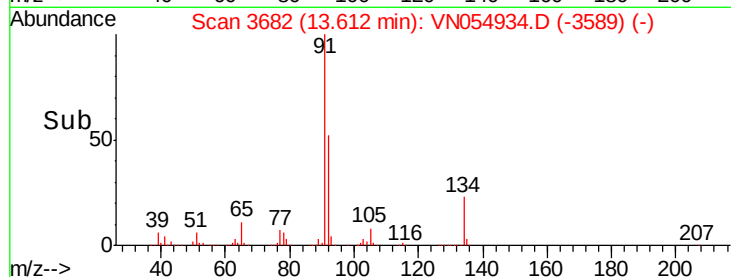


Abundance Ion 91.00 (90.70 to 91.70): VN054762.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN054762.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN054762.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 48.206 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN054934.D

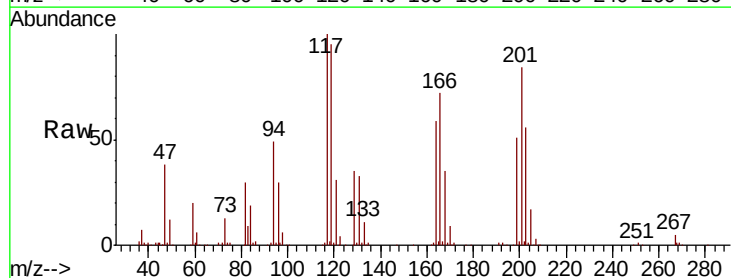
Acq: 3 Apr 2019 19:31

Tgt Ion: 117 Resp: 142378

Ion Ratio Lower Upper

117 100

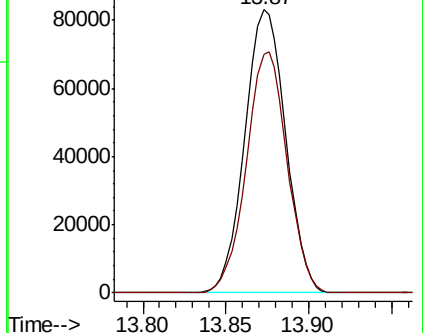
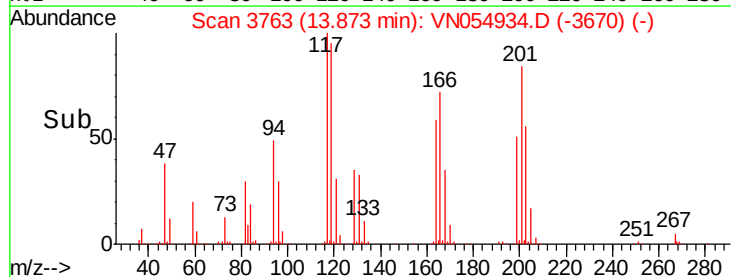
201 84.6 48.1 144.4

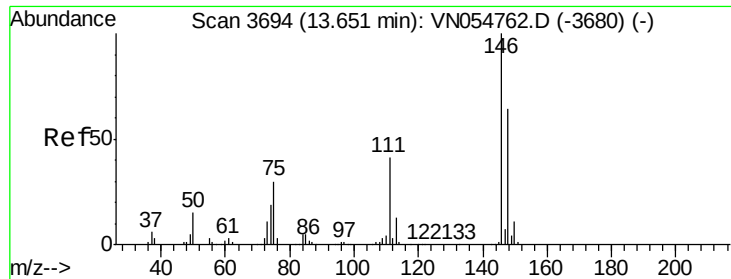


Abundance Ion 116.80 (116.50 to 117.50): VN054762.D (-3747) (-)

Ion 200.70 (200.40 to 201.40): VN054762.D (-3747) (-)

Time-->

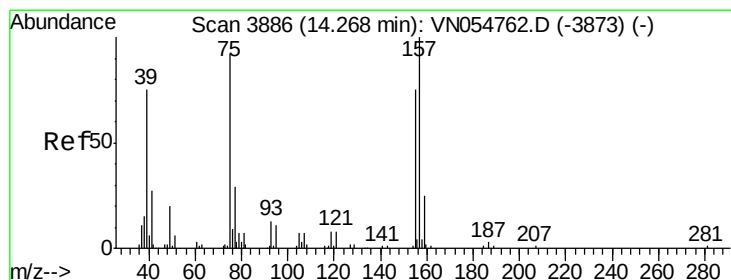
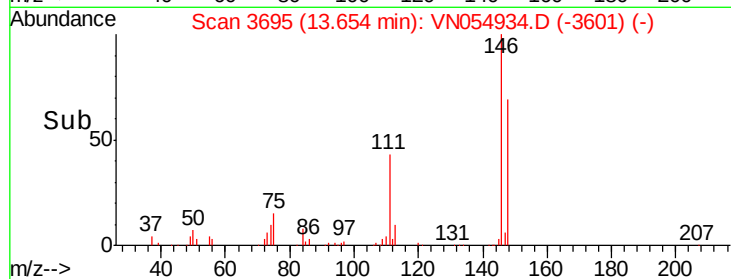
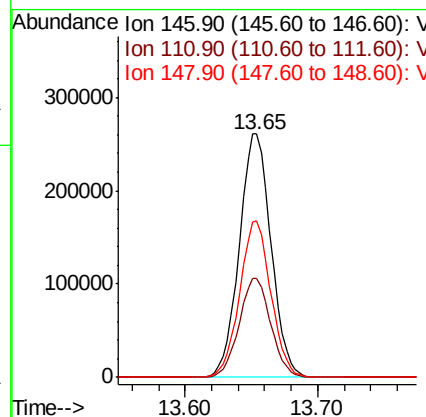
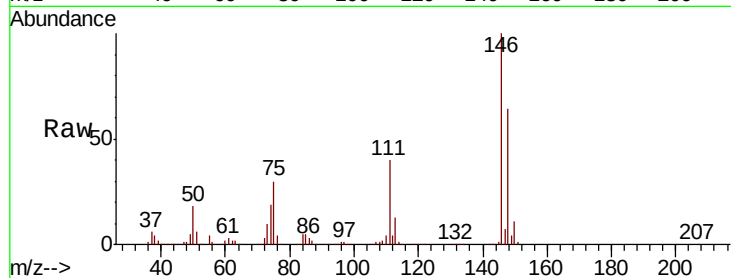




#91
 1,2-Dichlorobenzene
 Concen: 47.962 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

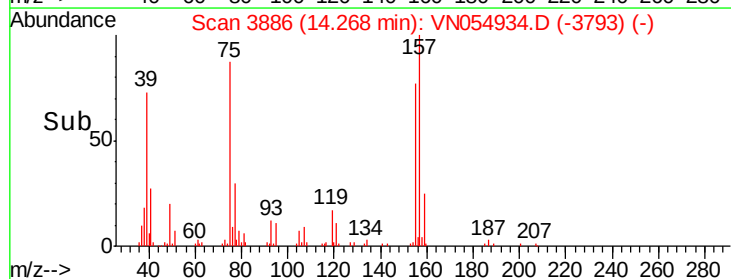
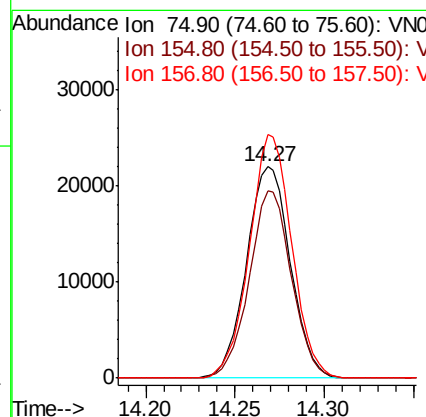
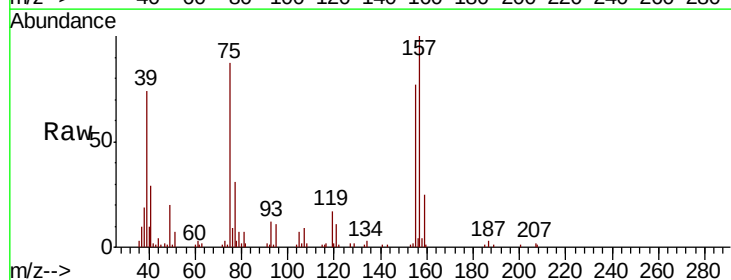
Instrument :
 MSVOA_N
 ClientSampleId :

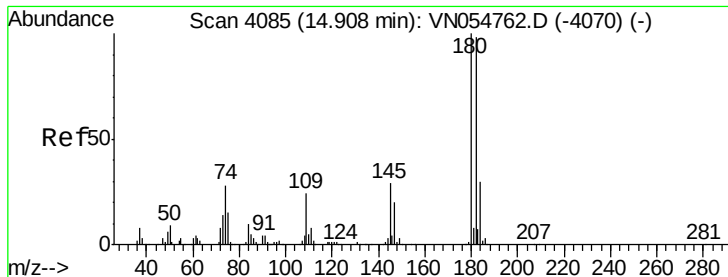
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.1	57.3
148	63.2	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.885 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN054934.D
 Acq: 3 Apr 2019 19:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.4	50.1	150.3
157	111.1	63.1	189.3





#93

1,2,4-Trichlorobenzene

Concen: 49.598 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

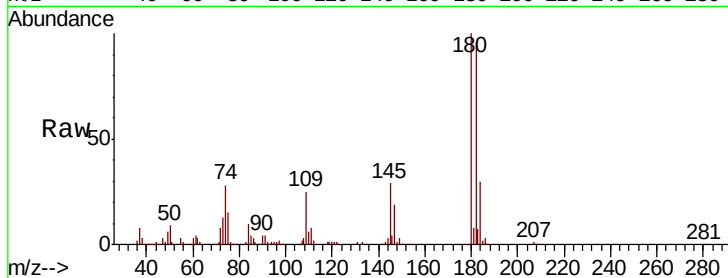
Tot Ion:180 Resp: 215765

Ion Ratio Lower Upper

180 100

182 95.0 48.0 144.2

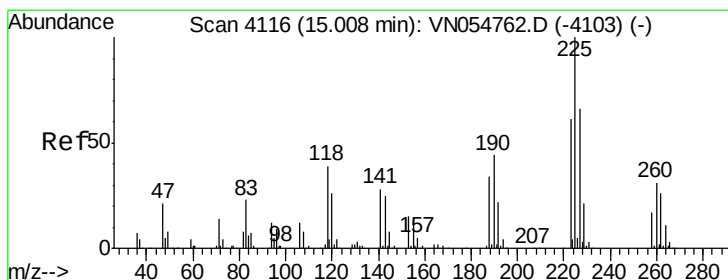
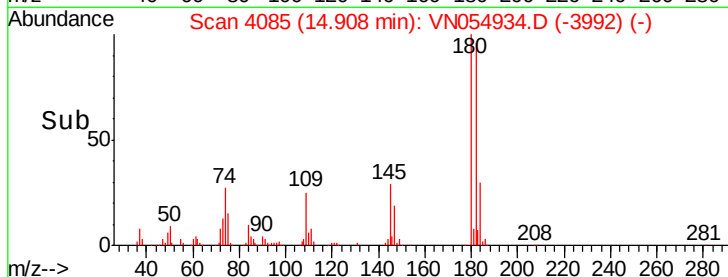
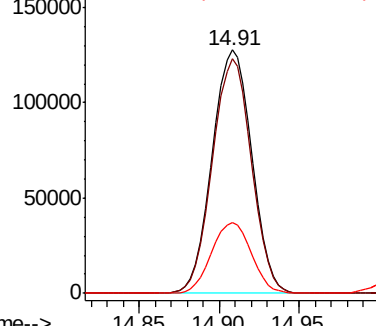
145 29.0 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 51.995 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

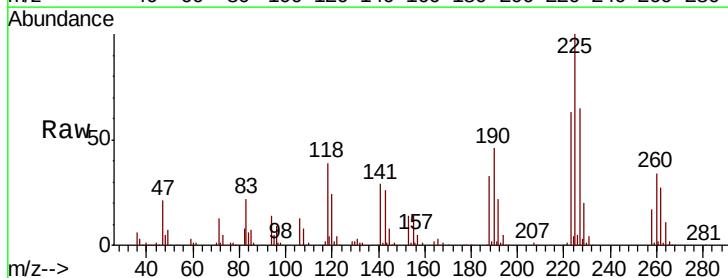
Tgt Ion:225 Resp: 133740

Ion Ratio Lower Upper

225 100

223 61.7 31.1 93.5

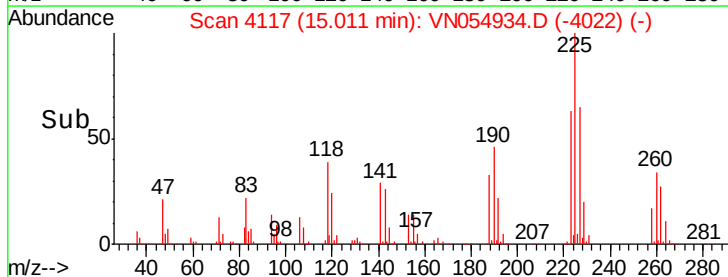
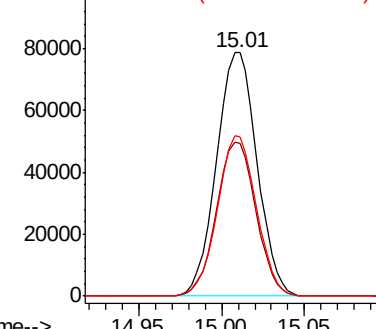
227 63.3 31.9 95.9

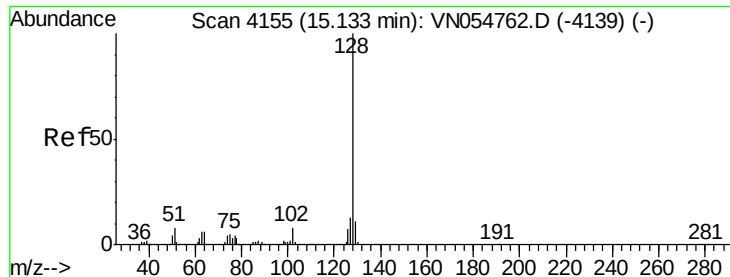


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.010 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

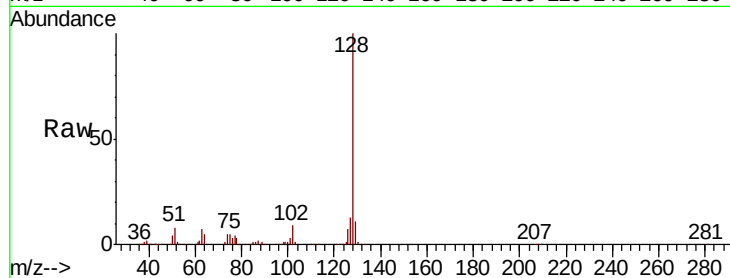
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 468426

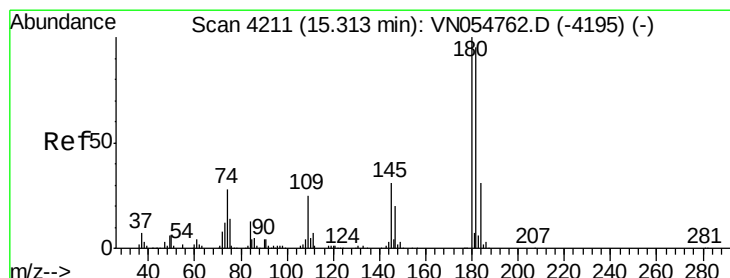
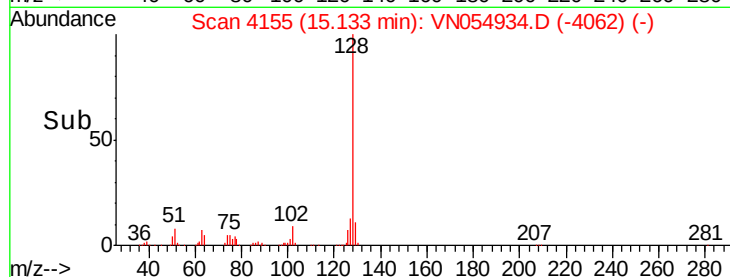
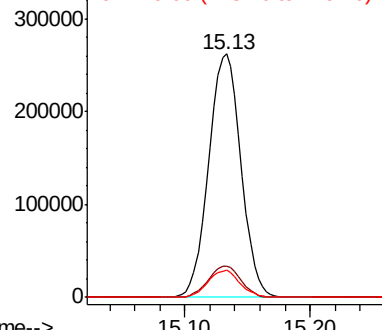
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.0	8.7	13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 48.309 ug/l

RT: 15.31 min Scan# 4211

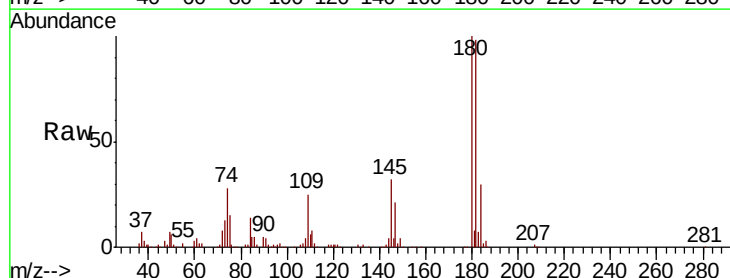
Delta R.T. 0.00 min

Lab File: VN054934.D

Acq: 3 Apr 2019 19:31

Tgt Ion:180 Resp: 212242

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.5	142.6
145	31.4	14.8	44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

