

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030619\
 Data File : VN054123.D
 Acq On : 6 Mar 2019 18:13
 Operator : JC/SP
 Sample : VN0306WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01

Quant Time: Mar 07 06:39:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:25:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	653894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1041093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	899816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	389257	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	391274	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	7.59	113	348840	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	10.09	98	1289924	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.40	95	418802	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	117044	18.624	ug/l 96
3) Chloromethane	2.06	50	168180	20.498	ug/l 99
4) Vinyl Chloride	2.18	62	164796	19.355	ug/l 100
5) Bromomethane	2.57	94	100347	21.665	ug/l 96
6) Chloroethane	2.71	64	98438	19.074	ug/l 100
7) Trichlorofluoromethane	3.02	101	203819	19.593	ug/l 96
8) Diethyl Ether	3.41	74	79979	19.295	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	123745	18.285	ug/l 98
10) Methyl Iodide	3.95	142	147764	20.764	ug/l 100
11) Tert butyl alcohol	4.78	59	49386	103.370	ug/l 99
12) 1,1-Dichloroethene	3.74	96	120706	19.120	ug/l 99
13) Acrolein	3.61	56	39874	103.598	ug/l 99
14) Allyl chloride	4.32	41	225013	19.781	ug/l 99
15) Acrylonitrile	4.99	53	261560	96.993	ug/l 98
16) Acetone	3.82	43	216968	89.705	ug/l 99
17) Carbon Disulfide	4.05	76	361050	19.180	ug/l 99
18) Methyl Acetate	4.32	43	116355	20.625	ug/l 100
19) Methyl tert-butyl Ether	5.04	73	352838	19.914	ug/l 97
20) Methylene Chloride	4.55	84	144108	19.990	ug/l 97
21) trans-1,2-Dichloroethene	5.04	96	131503	18.974	ug/l 98
22) Diisopropyl ether	5.95	45	440086	19.856	ug/l 96
23) Vinyl Acetate	5.89	43	1561701	99.194	ug/l 100
24) 1,1-Dichloroethane	5.85	63	261147	19.693	ug/l 99
25) 2-Butanone	6.83	43	307827	95.656	ug/l 99
26) 2,2-Dichloropropane	6.82	77	185250	19.382	ug/l 100
27) cis-1,2-Dichloroethene	6.83	96	151628	19.620	ug/l 100
28) Bromochloromethane	7.19	49	140429	21.217	ug/l 98
29) Tetrahydrofuran	7.21	42	208239	98.725	ug/l 99
30) Chloroform	7.37	83	249322	19.622	ug/l 98
31) Cyclohexane	7.65	56	238325	19.516	ug/l 96
32) 1,1,1-Trichloroethane	7.57	97	204369	19.400	ug/l 99
36) 1,1-Dichloropropene	7.79	75	184844	18.916	ug/l 100
37) Ethyl Acetate	6.93	43	136187	19.368	ug/l 99
38) Carbon Tetrachloride	7.77	117	182387	19.551	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030619\
 Data File : VN054123.D
 Acq On : 6 Mar 2019 18:13
 Operator : JC/SP
 Sample : VN0306WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01

Quant Time: Mar 07 06:39:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:25:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	211895	18.789	ug/l	99
40) Benzene	8.04	78	580141	20.067	ug/l	100
41) Methacrylonitrile	7.17	41	71326	19.463	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	181469	19.815	ug/l	99
43) Isopropyl Acetate	8.16	43	228405	20.526	ug/l #	86
44) Trichloroethene	8.84	130	151887	19.593	ug/l	99
45) 1,2-Dichloropropane	9.12	63	160867	20.173	ug/l	99
46) Dibromomethane	9.21	93	91102	20.013	ug/l	99
47) Bromodichloromethane	9.40	83	188425	19.774	ug/l	97
48) Methyl methacrylate	9.20	41	105326	19.588	ug/l	99
49) 1,4-Dioxane	9.20	88	29635	383.387	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	633867	101.606	ug/l	98
52) Toluene	10.16	92	341619	19.945	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	185873	19.776	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	216757	19.513	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	130101	20.171	ug/l	99
56) Ethyl methacrylate	10.43	69	155301	20.511	ug/l	98
57) 1,3-Dichloropropane	10.71	76	220046	19.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	333477	96.224	ug/l	99
59) 2-Hexanone	10.75	43	393285	95.560	ug/l	99
60) Dibromochloromethane	10.90	129	136920	19.854	ug/l	99
61) 1,2-Dibromoethane	11.00	107	121560	19.807	ug/l	98
64) Tetrachloroethene	10.63	164	144309	19.542	ug/l	98
65) Chlorobenzene	11.43	112	361481	19.304	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	135555	20.223	ug/l	98
67) Ethyl Benzene	11.51	91	614586	19.614	ug/l	99
68) m/p-Xylenes	11.62	106	470847	39.818	ug/l	100
69) o-Xylene	11.95	106	229878	20.202	ug/l	100
70) Styrene	11.96	104	364448	20.177	ug/l	100
71) Bromoform	12.13	173	90378	19.591	ug/l #	99
73) Isopropylbenzene	12.25	105	606682	19.588	ug/l	100
74) N-amyl acetate	12.07	43	164092	20.004	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	151017	20.751	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	182873	27.567	ug/l #	100
77) Bromobenzene	12.53	156	150083	20.495	ug/l	99
78) n-propylbenzene	12.59	91	690457	19.811	ug/l	99
79) 2-Chlorotoluene	12.68	91	420551	19.868	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	504766	20.048	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	37256	19.287	ug/l	98
82) 4-Chlorotoluene	12.77	91	409777	19.420	ug/l	100
83) tert-Butylbenzene	12.99	119	446843	20.040	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	504151	20.175	ug/l	99
85) sec-Butylbenzene	13.17	105	604339	19.973	ug/l	99
86) p-Isopropyltoluene	13.29	119	504912	19.849	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	256809	18.947	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	250585	18.628	ug/l	99
89) n-Butylbenzene	13.62	91	415580	19.350	ug/l	99
90) Hexachloroethane	13.87	117	90759	18.602	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	257285	20.424	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23214	20.542	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030619\
Data File : VN054123.D
Acq On : 6 Mar 2019 18:13
Operator : JC/SP
Sample : VN0306WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

Quant Time: Mar 07 06:39:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:25:49 2019
Response via : Initial Calibration

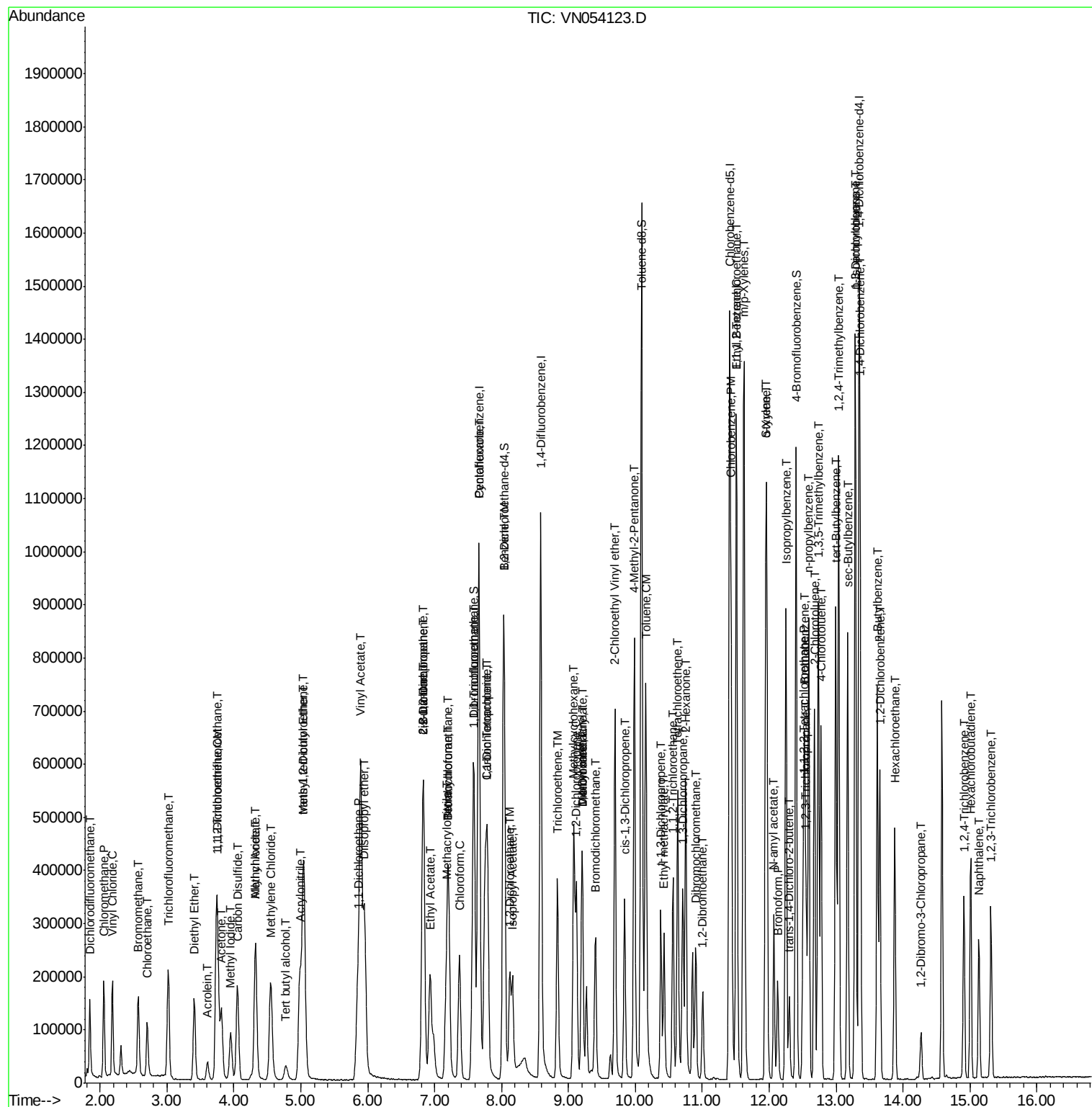
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	117435	18.232	ug/l	99
94) Hexachlorobutadiene	15.01	225	89597	20.777	ug/l	98
95) Naphthalene	15.13	128	232343	19.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	118251	19.828	ug/l	99

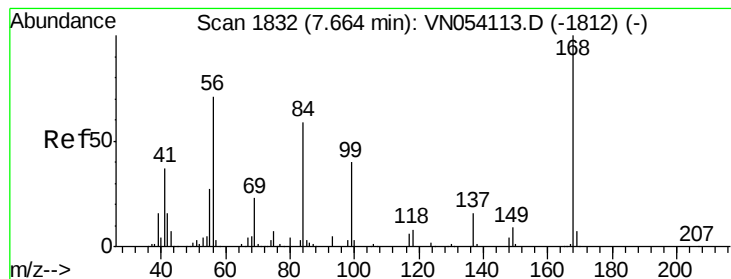
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN030619\
Data File : VN054123.D
Acq On : 6 Mar 2019 18:13
Operator : JC/SP
Sample : VN0306WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

Quant Time: Mar 07 06:39:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:25:49 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

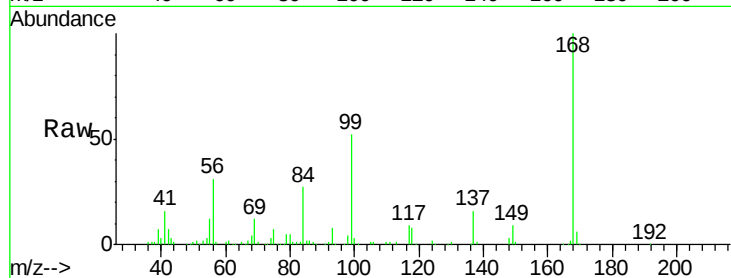
VN0306WBSD01

Tgt Ion:168 Resp: 653894

Ion Ratio Lower Upper

168 100

99 51.4 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

150000

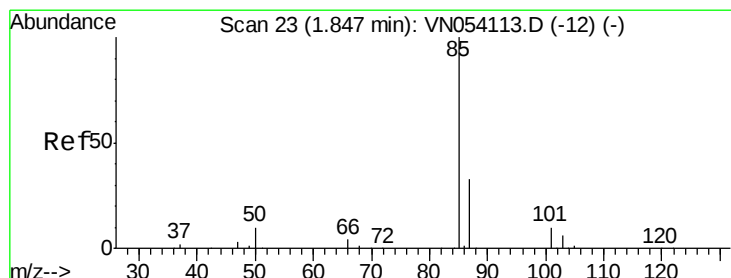
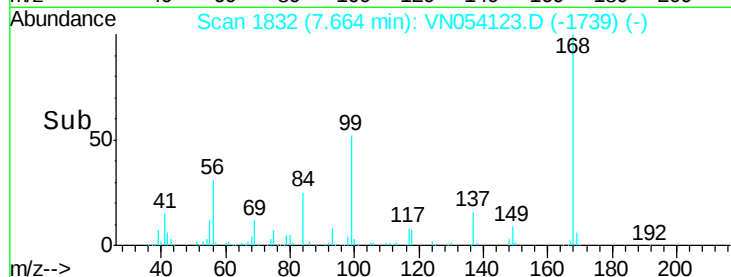
100000

50000

0

7.60 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.624 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN054123.D

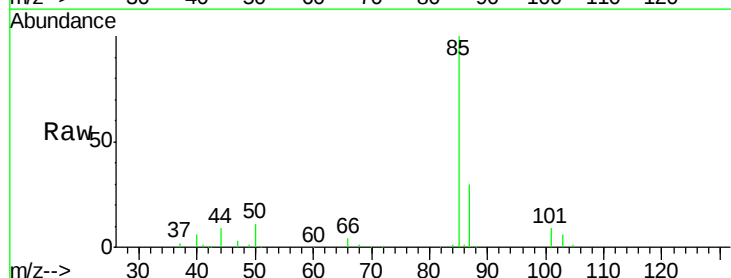
Acq: 6 Mar 2019 18:13

Tgt Ion: 85 Resp: 117044

Ion Ratio Lower Upper

85 100

87 30.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

60000

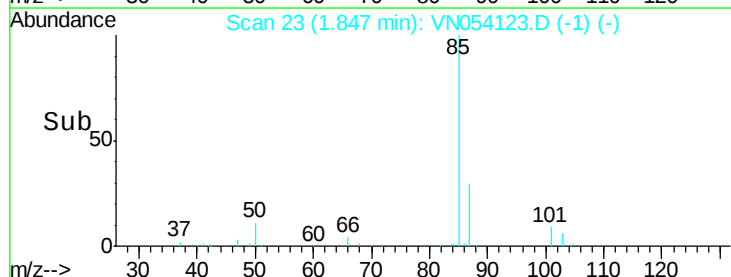
40000

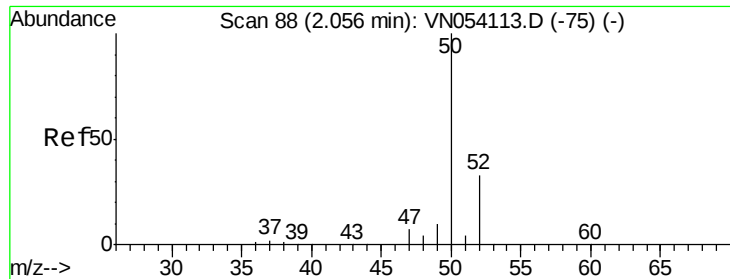
20000

0

1.80 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.498 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

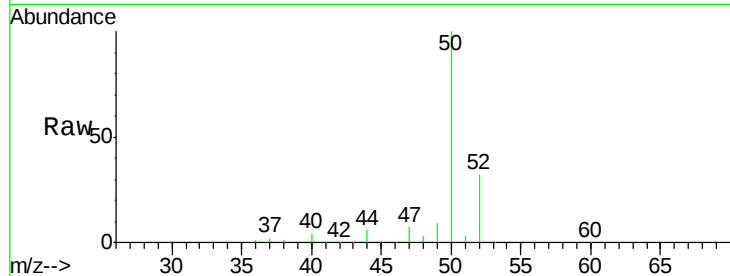
VN0306WBSD01

Tgt Ion: 50 Resp: 168180

Ion Ratio Lower Upper

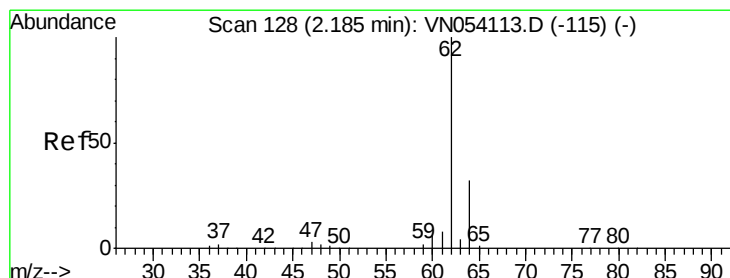
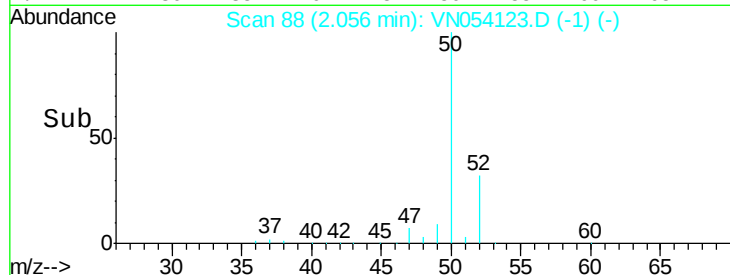
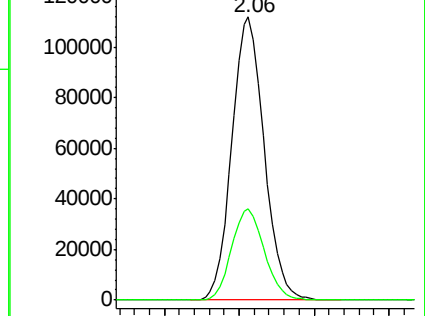
50 100

52 32.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 19.355 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN054123.D

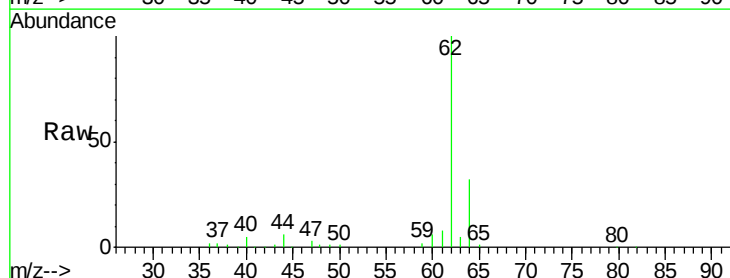
Acq: 6 Mar 2019 18:13

Tgt Ion: 62 Resp: 164796

Ion Ratio Lower Upper

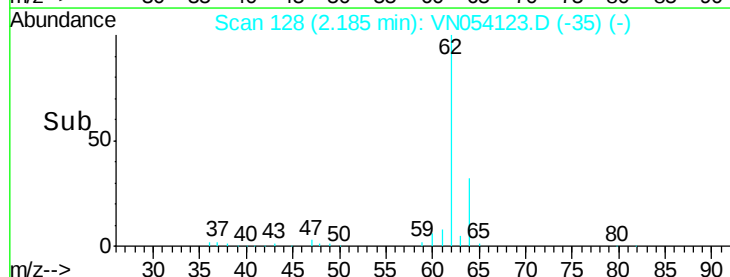
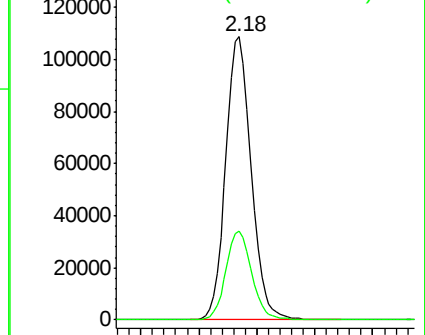
62 100

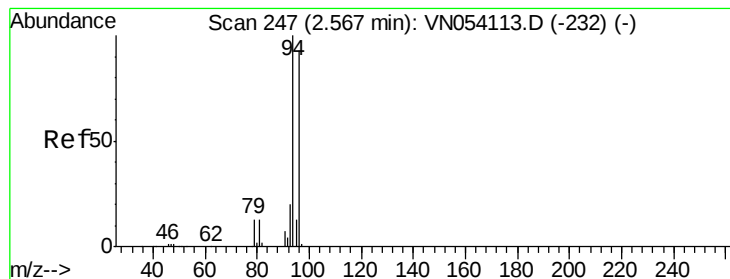
64 31.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 21.665 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

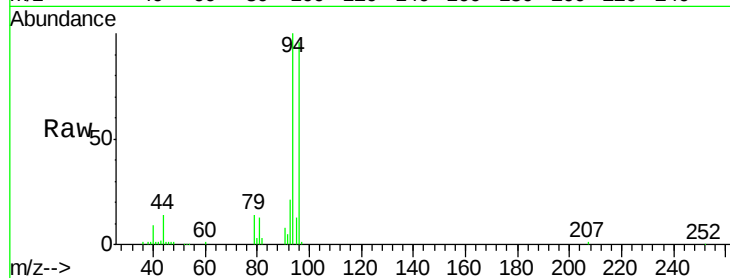
VN0306WBSD01

Tgt Ion: 94 Resp: 100347

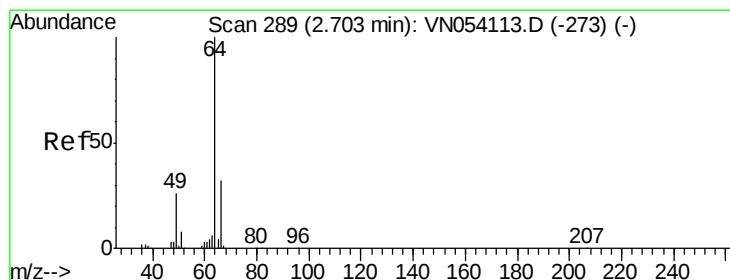
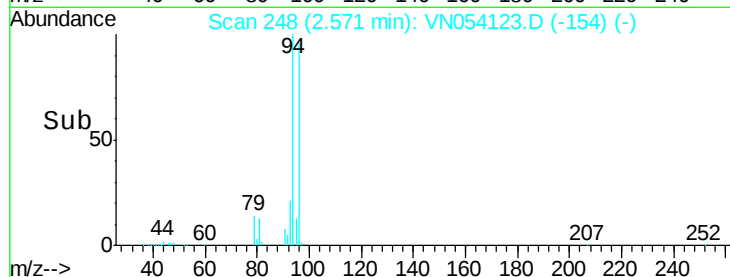
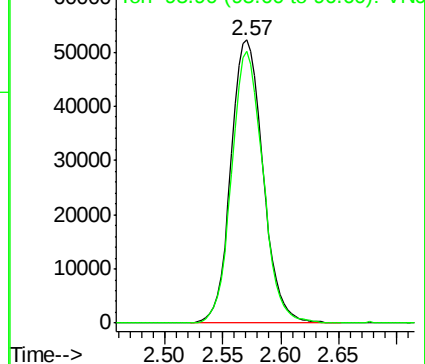
Ion Ratio Lower Upper

94 100

96 96.2 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 19.074 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN054123.D

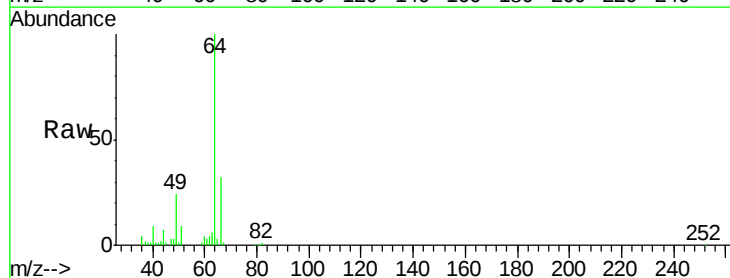
Acq: 6 Mar 2019 18:13

Tgt Ion: 64 Resp: 98438

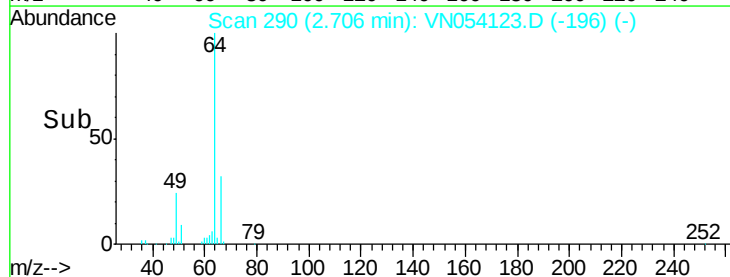
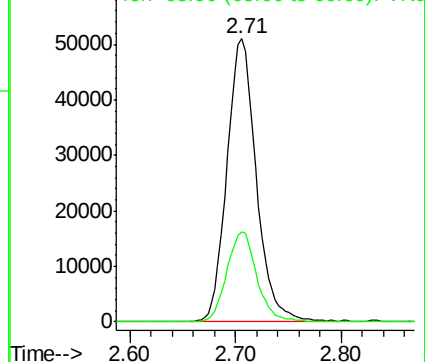
Ion Ratio Lower Upper

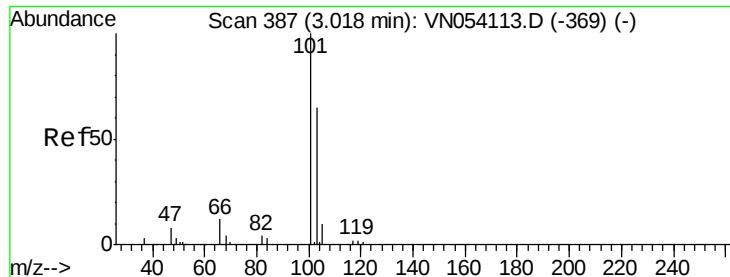
64 100

66 32.0 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



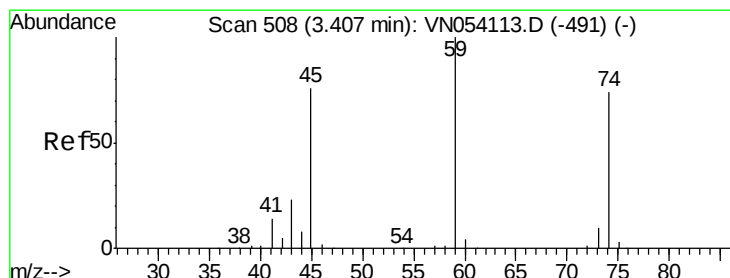
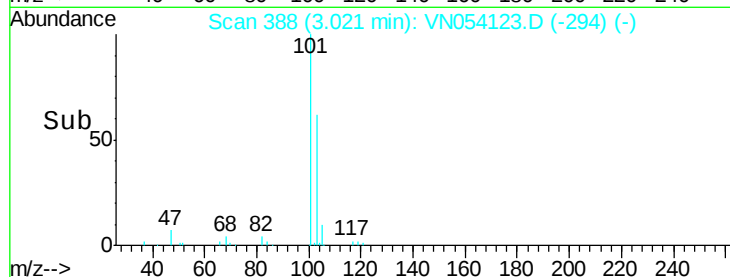
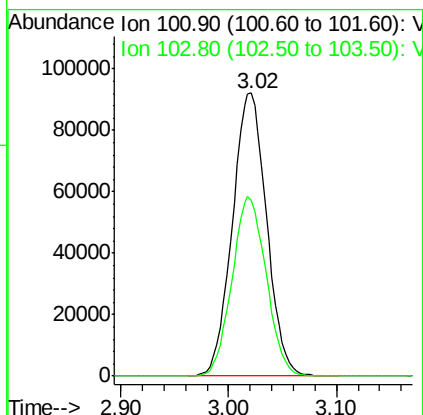
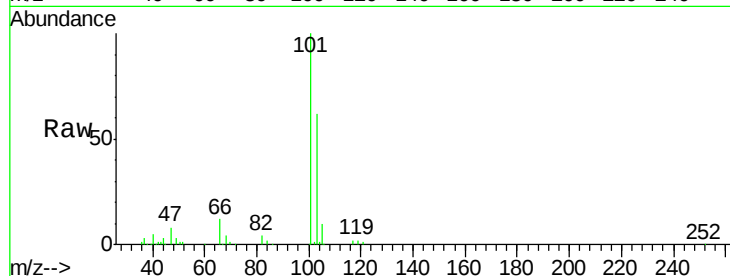


#7

Trichlorofluoromethane
 Concen: 19.593 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Instrument :
 MSVOA_N
 ClientSampled :
 VN0306WBSD01

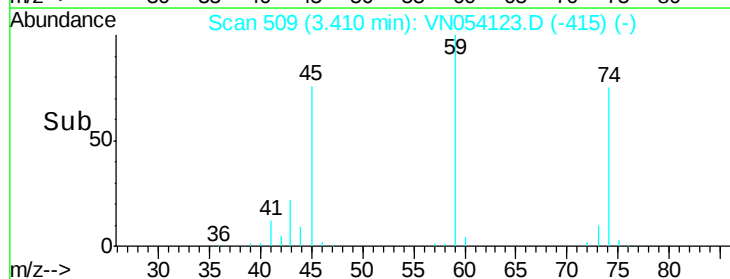
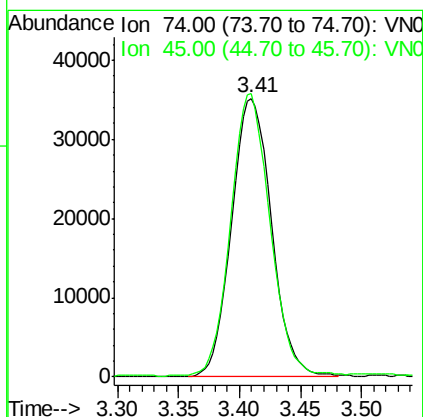
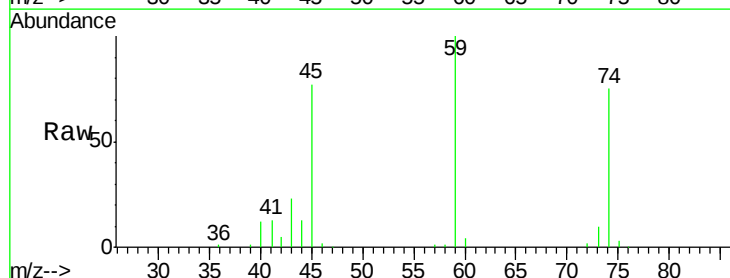
Tgt Ion:101 Resp: 203819
 Ion Ratio Lower Upper
 101 100
 103 61.9 52.0 78.0

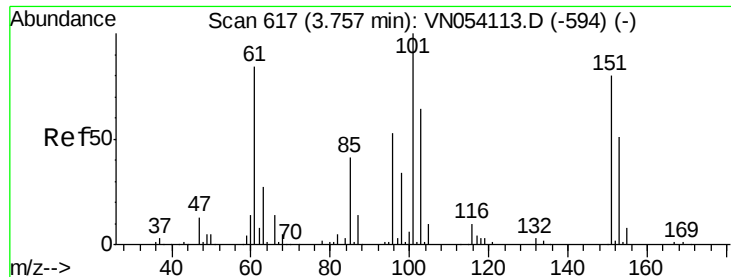


#8

Diethyl Ether
 Concen: 19.295 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Tgt Ion: 74 Resp: 79979
 Ion Ratio Lower Upper
 74 100
 45 98.5 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.285 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

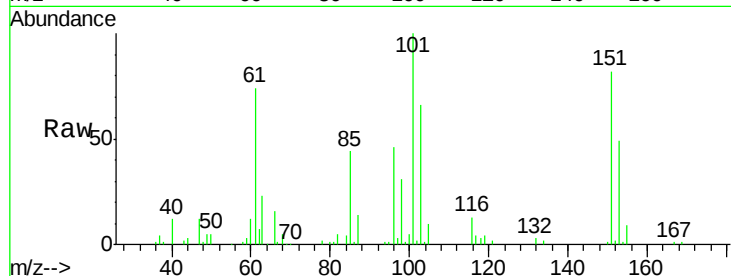
Tgt Ion:101 Resp: 123745

Ion Ratio Lower Upper

101 100

85 43.3 33.1 49.7

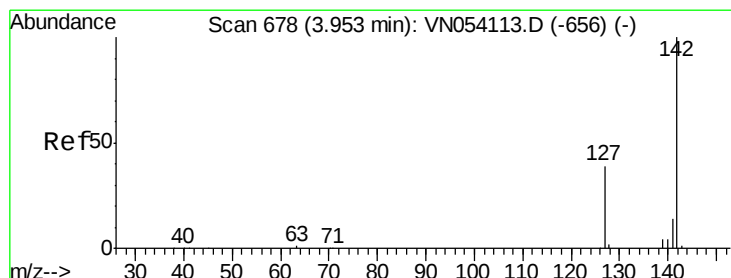
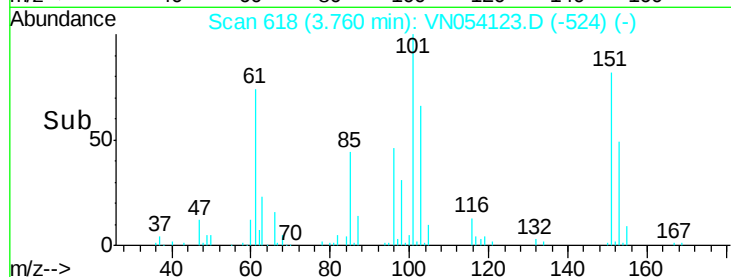
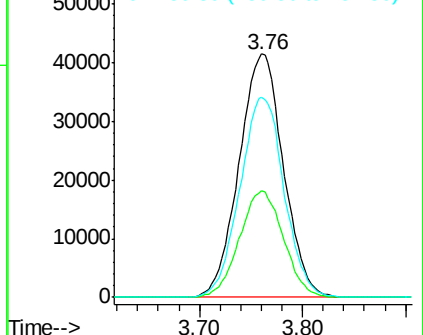
151 82.0 64.3 96.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.764 ug/l

RT: 3.95 min Scan# 677

Delta R.T. -0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

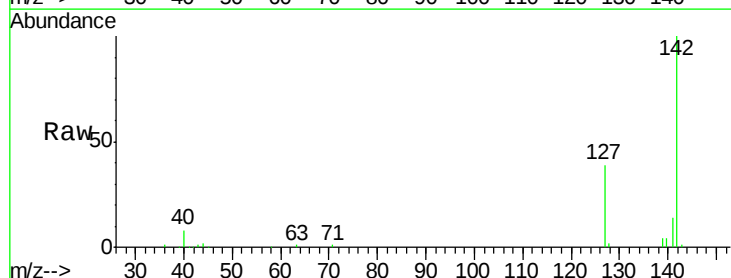
Tgt Ion:142 Resp: 147764

Ion Ratio Lower Upper

142 100

127 39.7 31.9 47.9

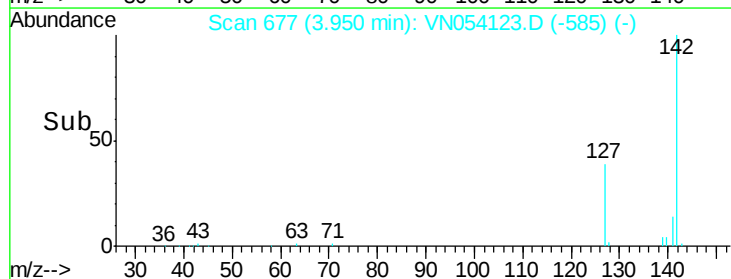
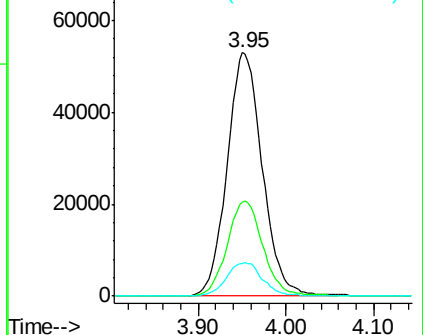
141 14.1 11.4 17.0

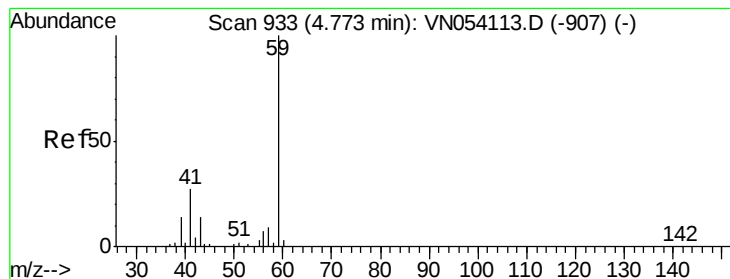


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



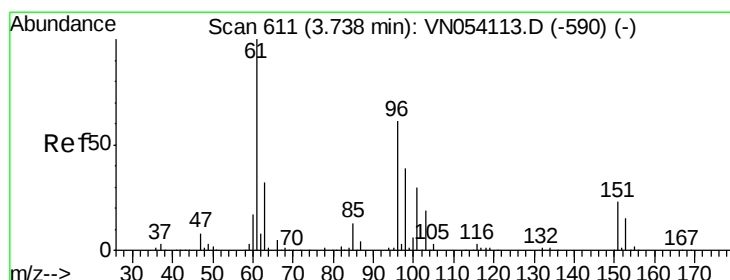
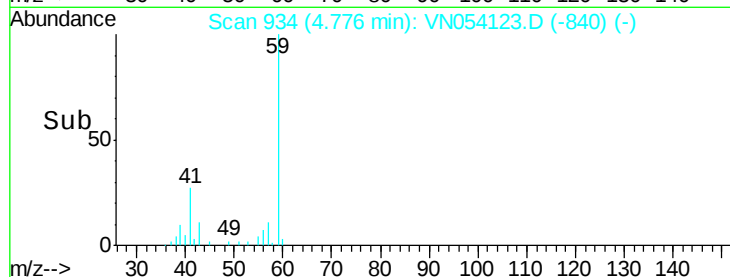
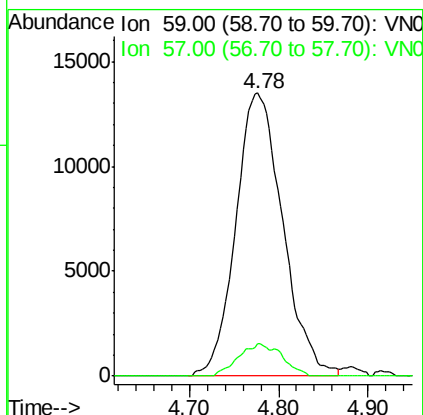
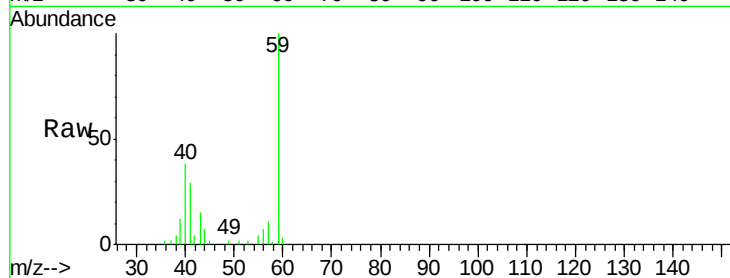


#11

Tert butyl alcohol
 Concen: 103.370 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01

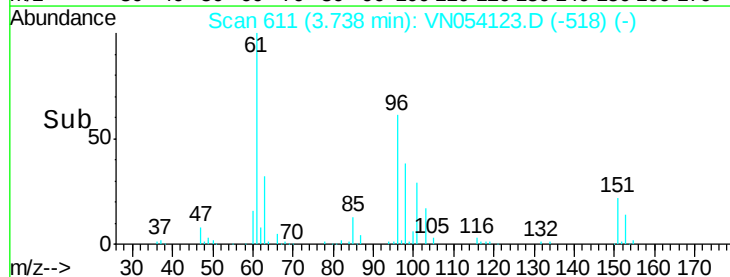
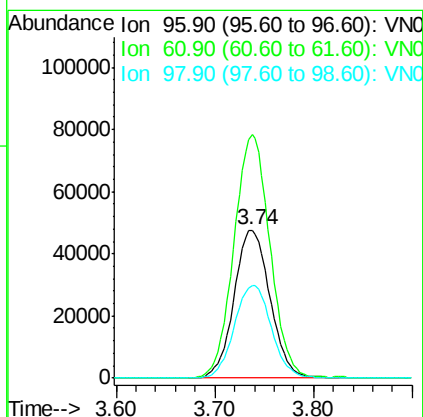
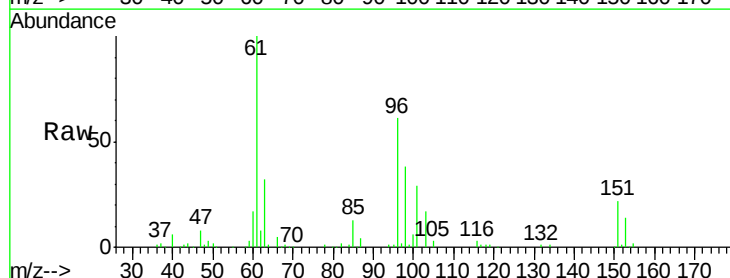
Tgt Ion: 59 Resp: 49386
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.4

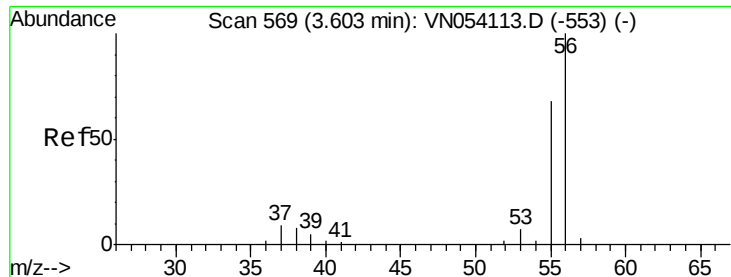


#12

1,1-Dichloroethene
 Concen: 19.120 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Tgt Ion: 96 Resp: 120706
 Ion Ratio Lower Upper
 96 100
 61 164.5 131.2 196.8
 98 62.3 50.7 76.1





#13

Acrolein

Concen: 103.598 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

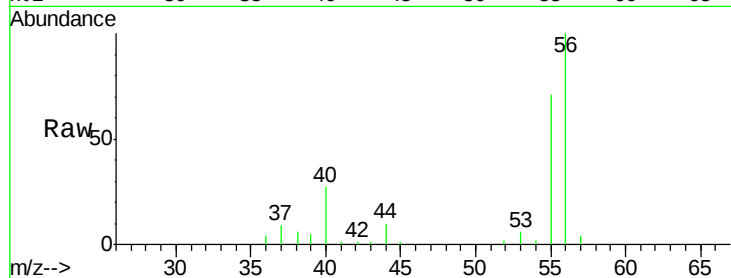
VN0306WBSD01

Tgt Ion: 56 Resp: 39874

Ion Ratio Lower Upper

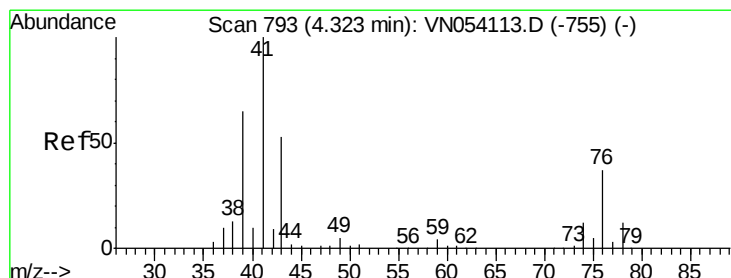
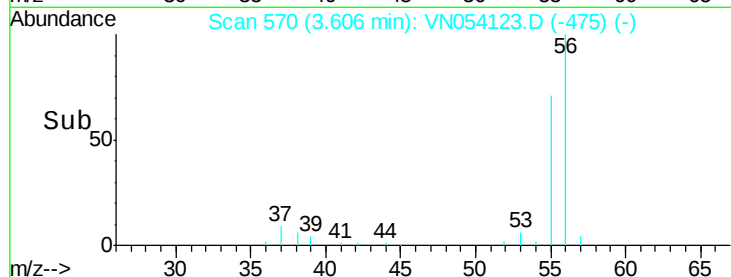
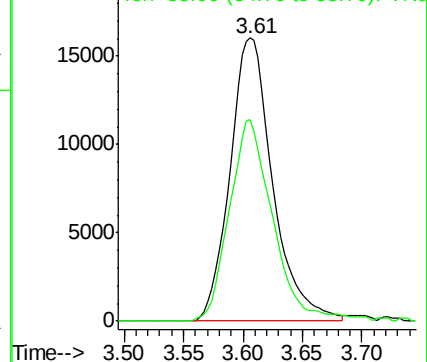
56 100

55 72.2 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.781 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

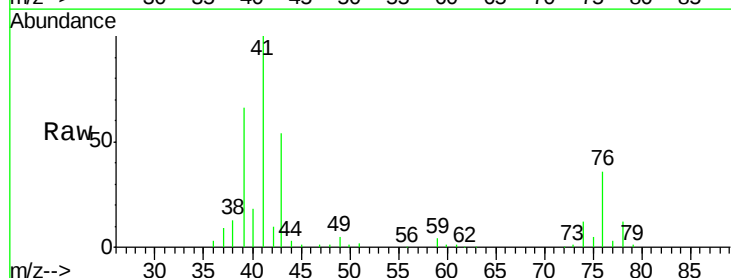
Tgt Ion: 41 Resp: 225013

Ion Ratio Lower Upper

41 100

39 62.5 49.3 73.9

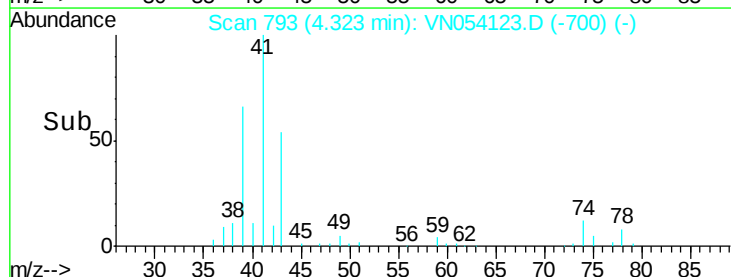
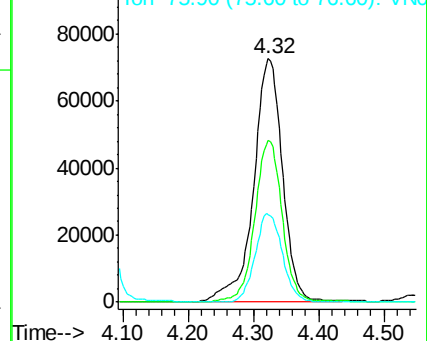
76 33.2 26.5 39.7

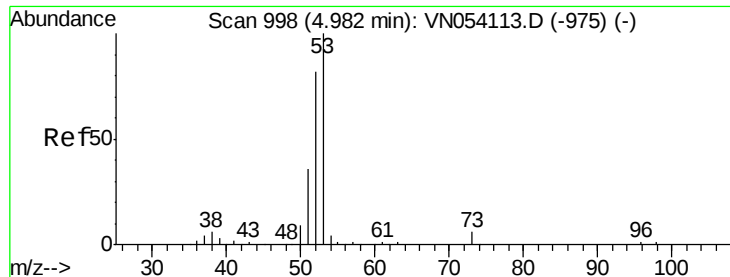


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 96.993 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

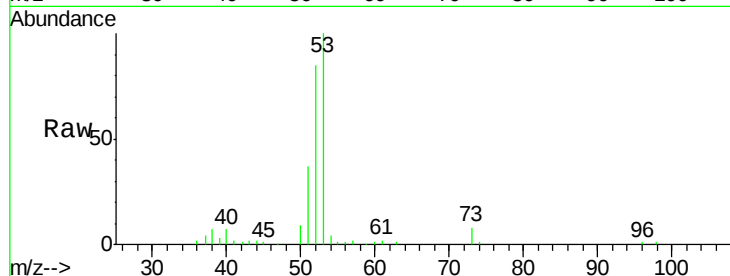
Tgt Ion: 53 Resp: 261560

Ion Ratio Lower Upper

53 100

52 82.6 64.6 97.0

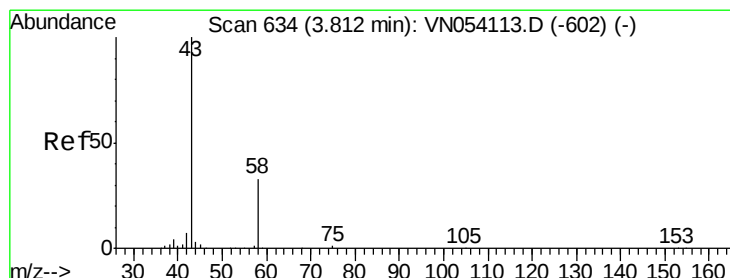
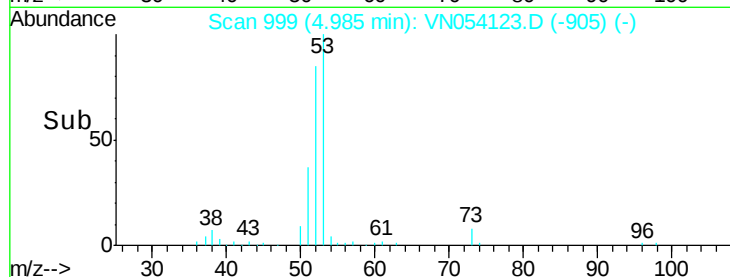
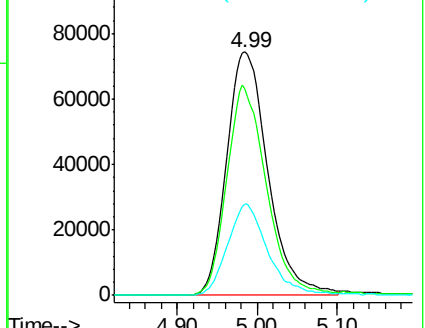
51 36.5 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 89.705 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN054123.D

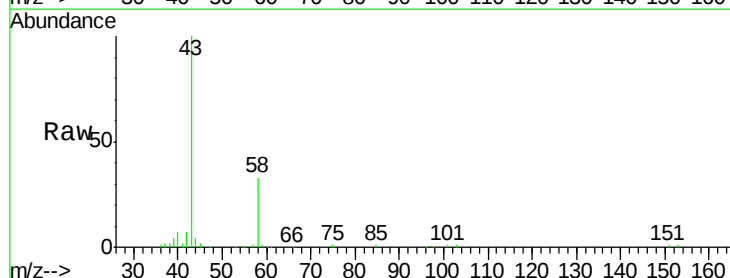
Acq: 6 Mar 2019 18:13

Tgt Ion: 43 Resp: 216968

Ion Ratio Lower Upper

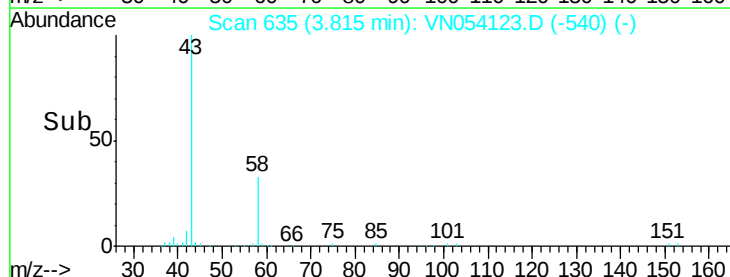
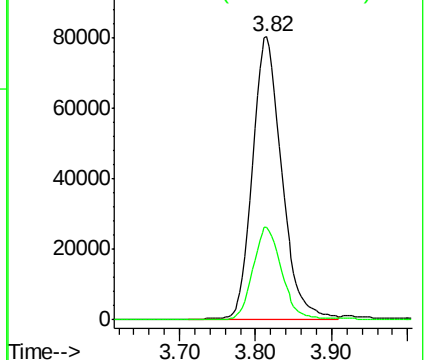
43 100

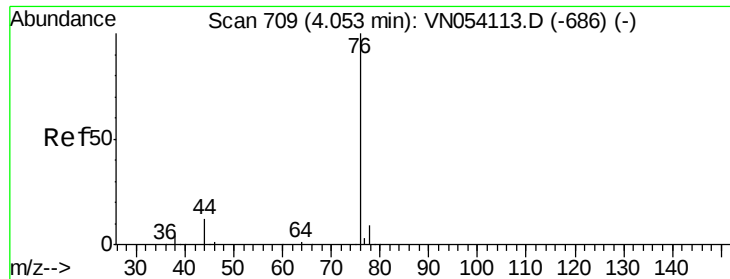
58 32.5 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

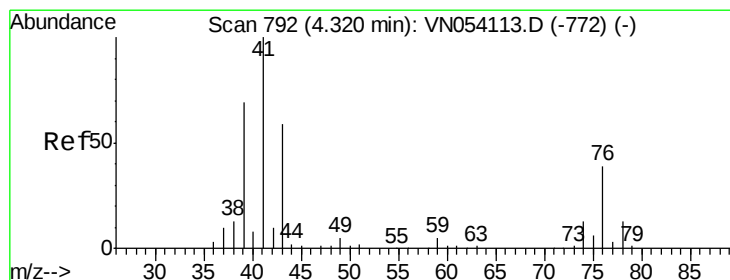
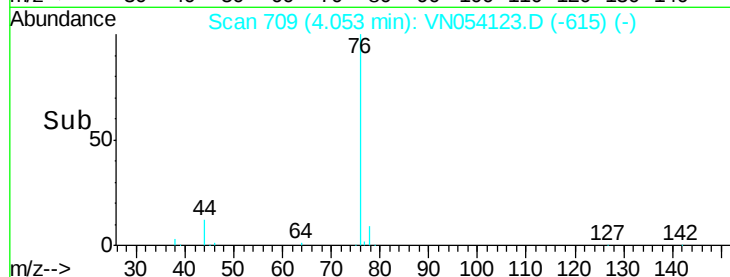
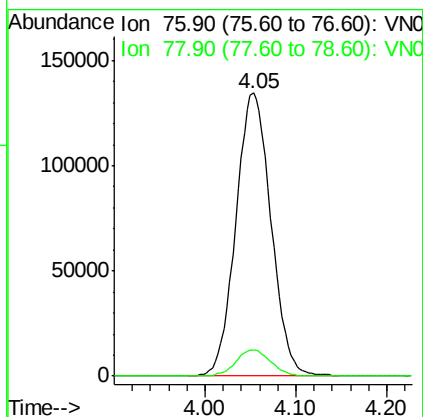
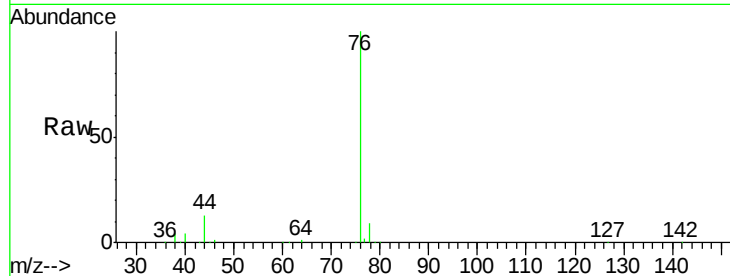




#17
Carbon Disulfide
Concen: 19.180 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

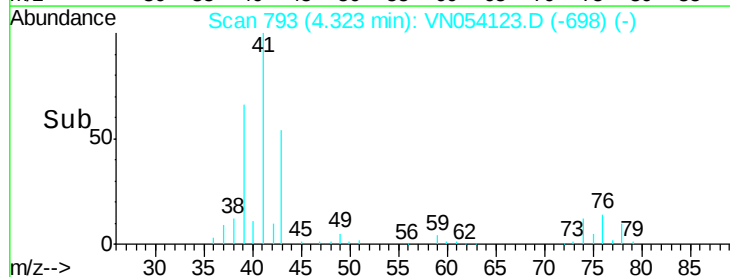
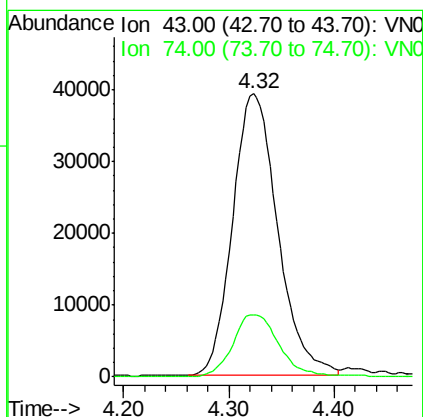
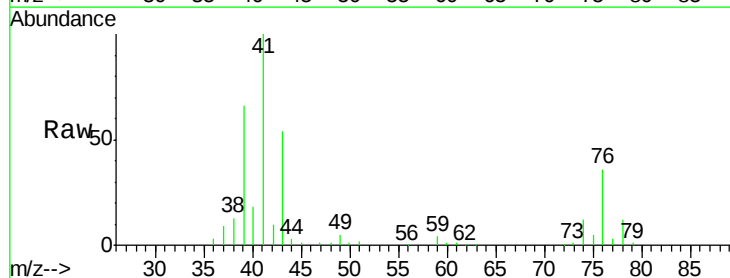
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

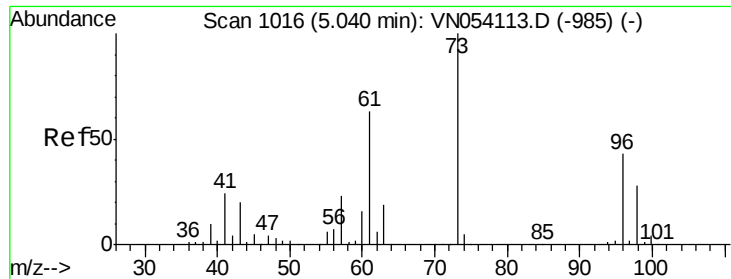
Tgt Ion: 76 Resp: 361050
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 20.625 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

Tgt Ion: 43 Resp: 116355
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.2

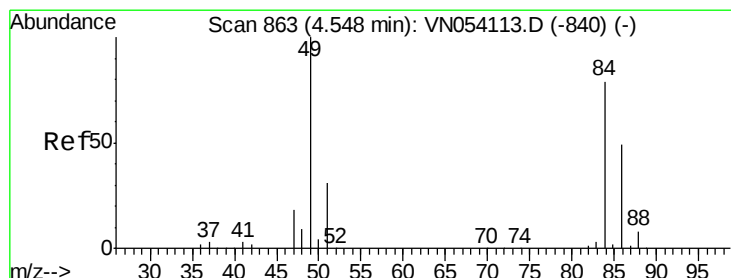
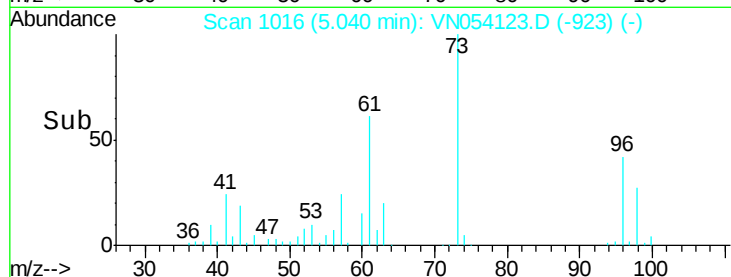
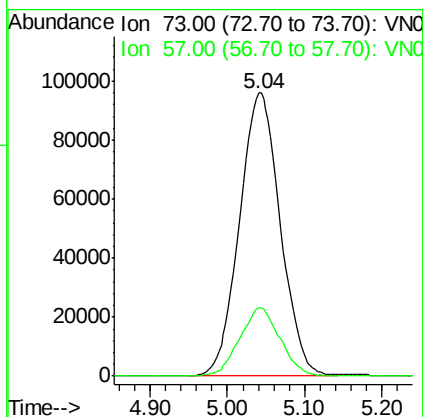
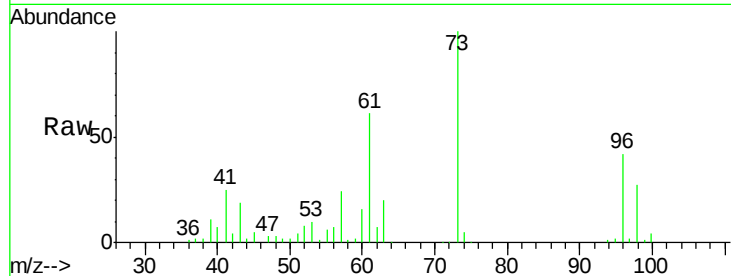




#19
Methyl tert-butyl Ether
Concen: 19.914 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

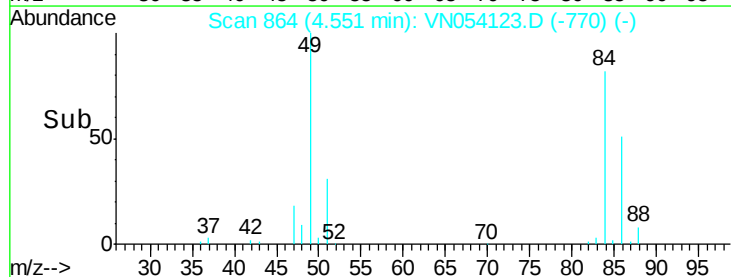
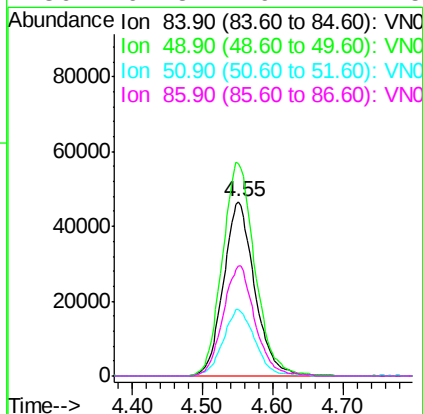
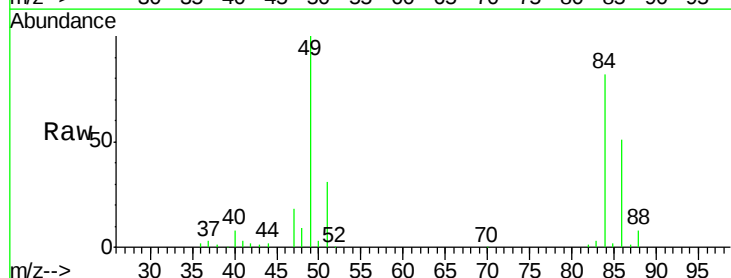
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

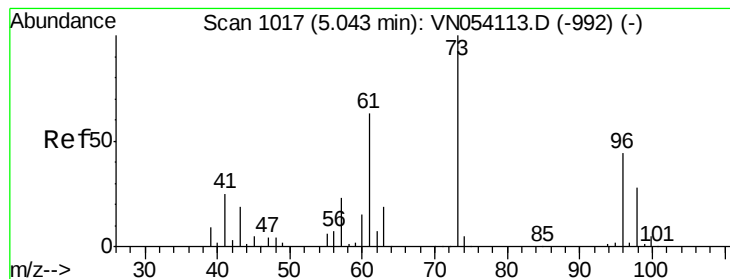
Tgt Ion: 73 Resp: 352838
Ion Ratio Lower Upper
73 100
57 24.0 18.2 27.4



#20
Methylene Chloride
Concen: 19.990 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

Tgt Ion: 84 Resp: 144108
Ion Ratio Lower Upper
84 100
49 122.1 101.8 152.8
51 38.2 31.1 46.7
86 62.8 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 18.974 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampled :

VN0306WBSD01

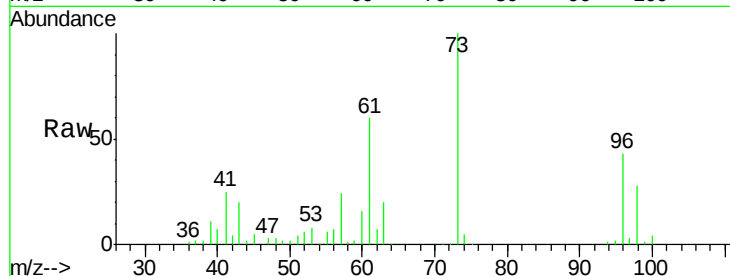
Tgt Ion: 96 Resp: 131503

Ion Ratio Lower Upper

96 100

61 140.8 114.8 172.2

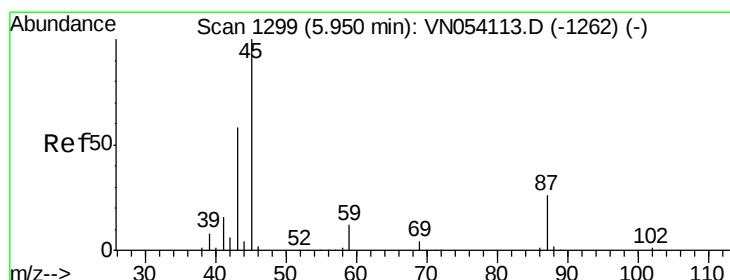
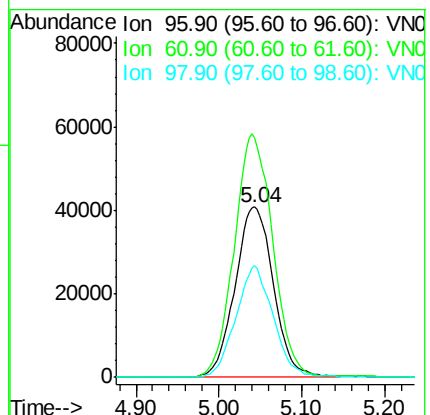
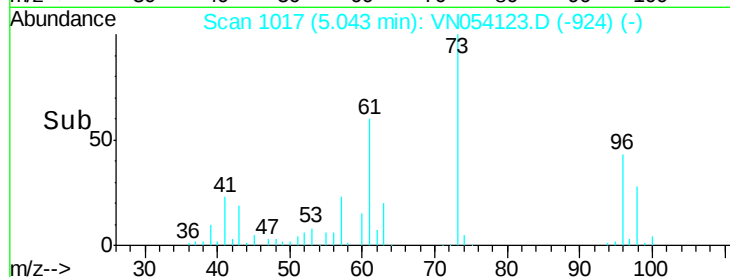
98 65.5 51.4 77.0



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: 19.856 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Tgt Ion: 45 Resp: 440086

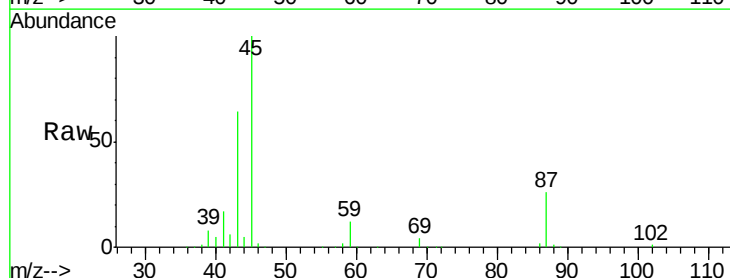
Ion Ratio Lower Upper

45 100

43 62.1 46.2 69.4

87 25.3 20.6 31.0

59 11.9 9.4 14.0

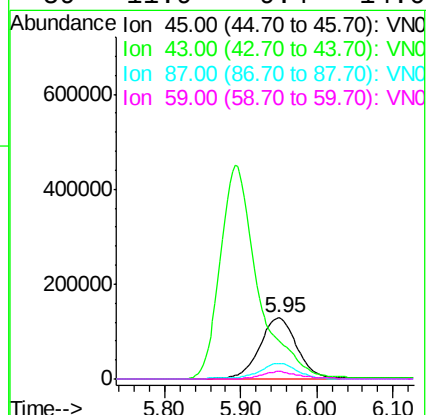
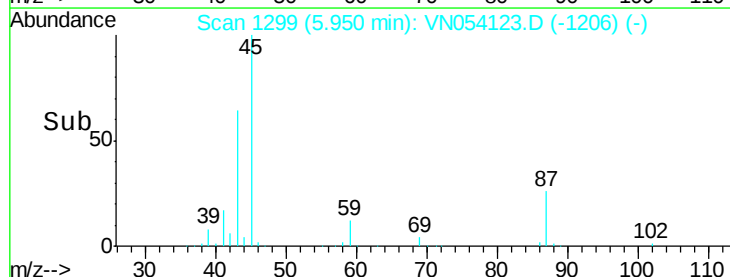


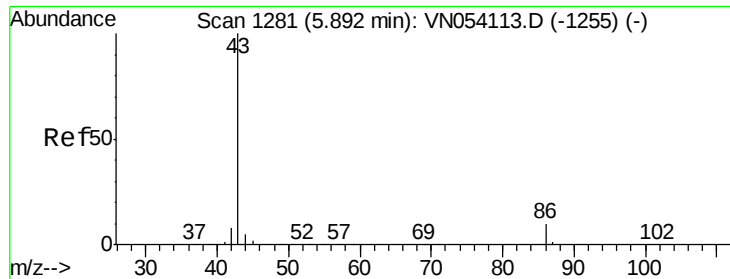
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

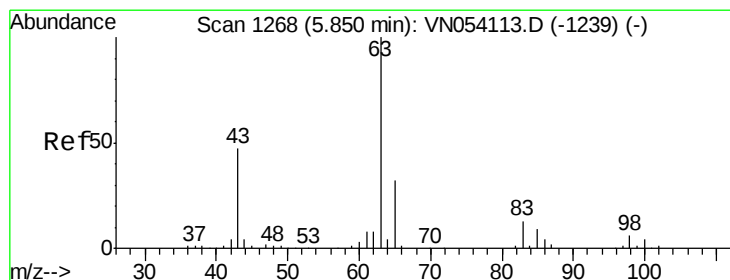
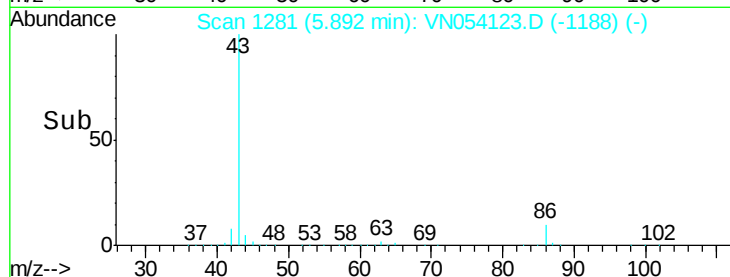
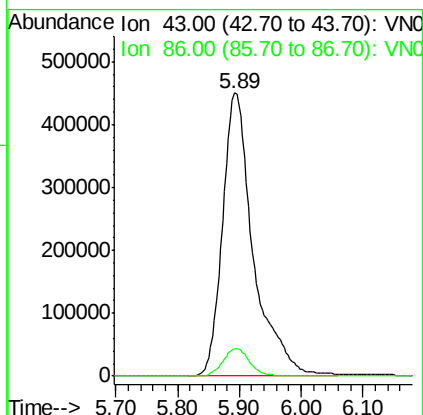
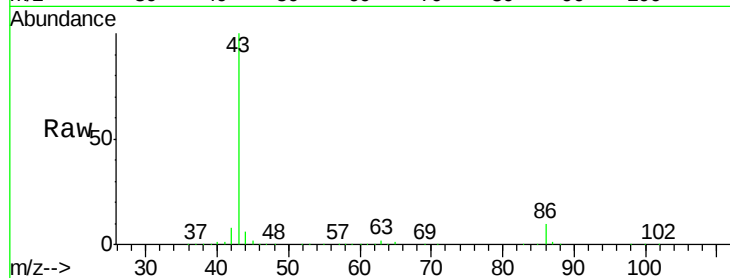




#23
 Vinyl Acetate
 Concen: 99.194 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

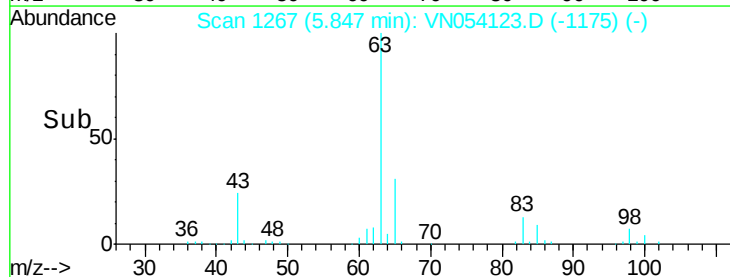
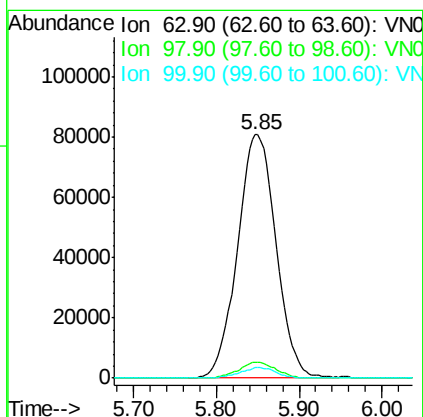
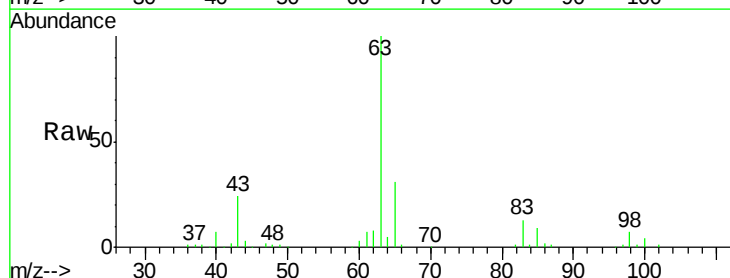
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01

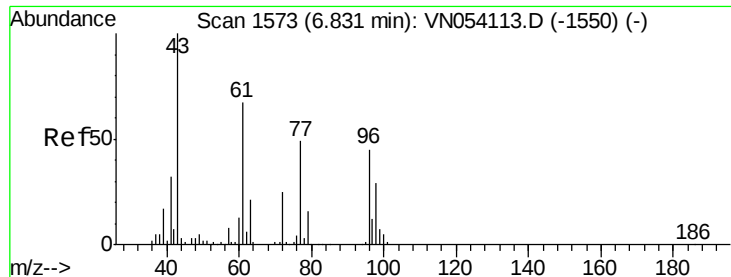
Tgt Ion: 43 Resp: 1561701
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.693 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Tgt Ion: 63 Resp: 261147
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 4.4 2.0 6.0





#25

2-Butanone

Concen: 95.656 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

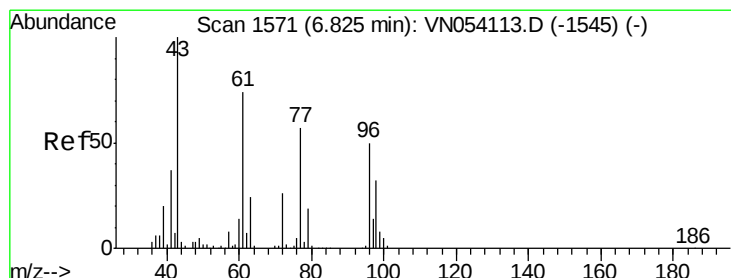
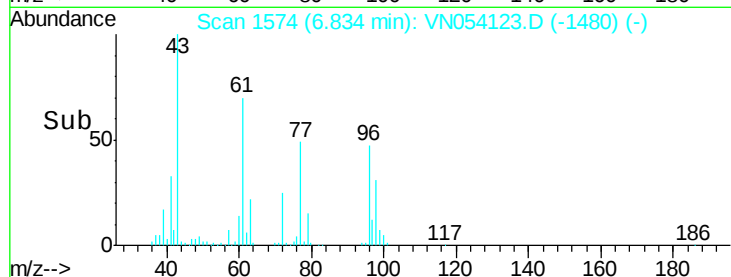
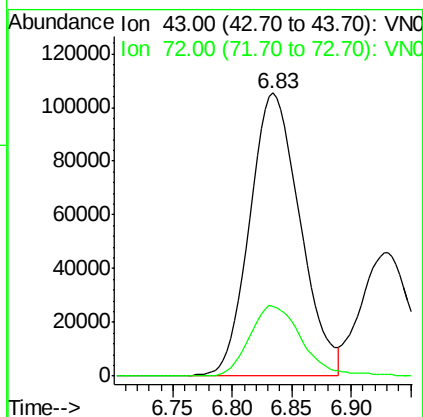
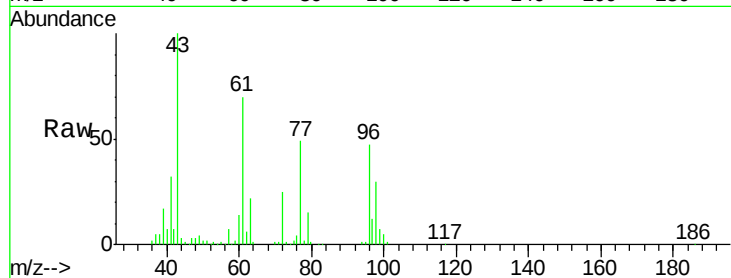
VN0306WBSD01

Tgt Ion: 43 Resp: 307827

Ion Ratio Lower Upper

43 100

72 24.8 20.2 30.2



#26

2,2-Dichloropropane

Concen: 19.382 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN054123.D

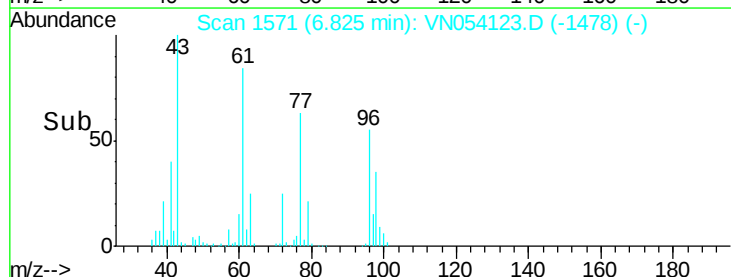
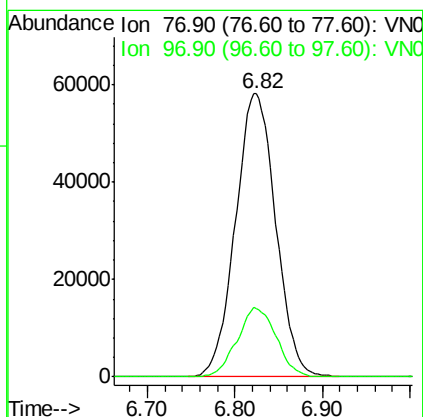
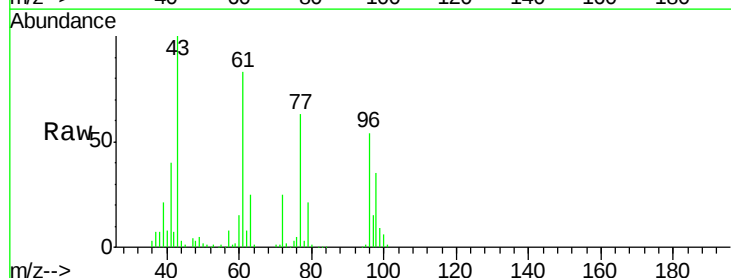
Acq: 6 Mar 2019 18:13

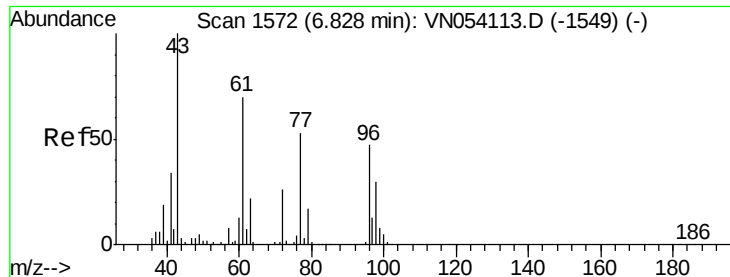
Tgt Ion: 77 Resp: 185250

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3

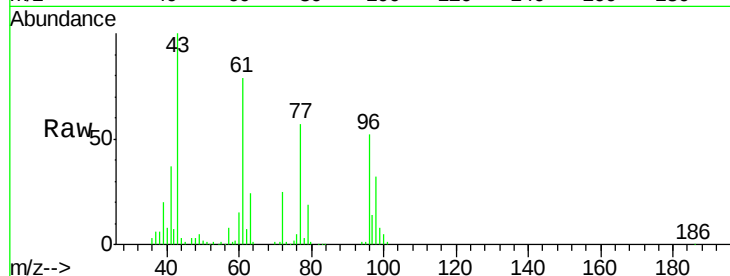




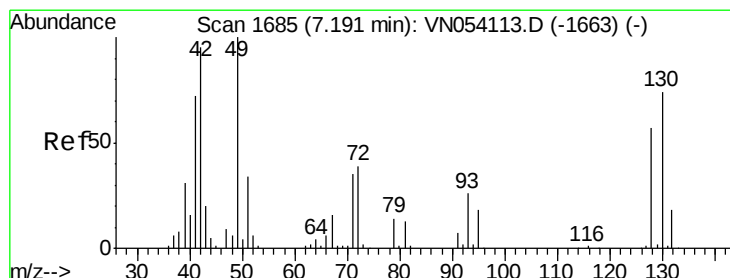
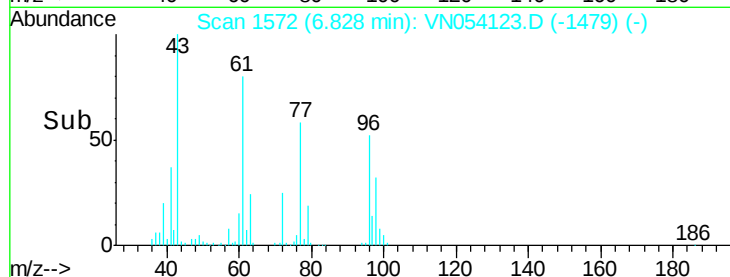
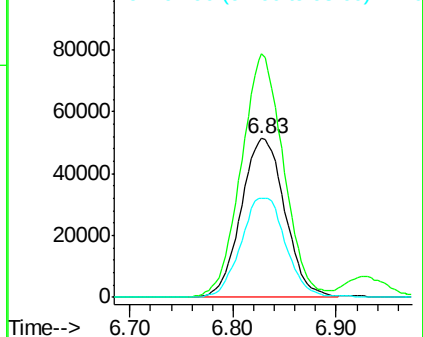
#27
 cis-1,2-Dichloroethene
 Concen: 19.620 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Instrument :
 MSVOA_N
 ClientSampled :
 VN0306WBSD01

Tgt Ion: 96 Resp: 151628
 Ion Ratio Lower Upper
 96 100
 61 148.4 0.0 297.0
 98 63.9 0.0 129.4

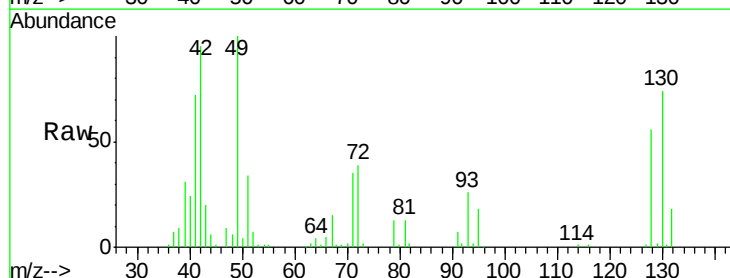


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

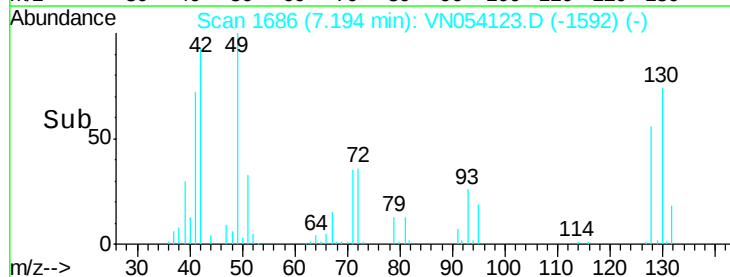
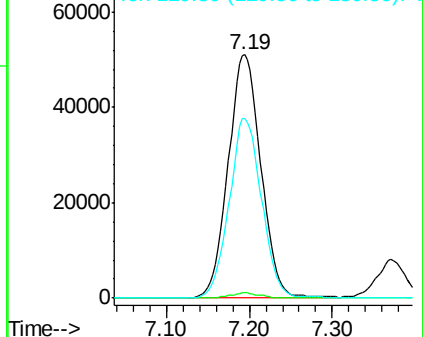


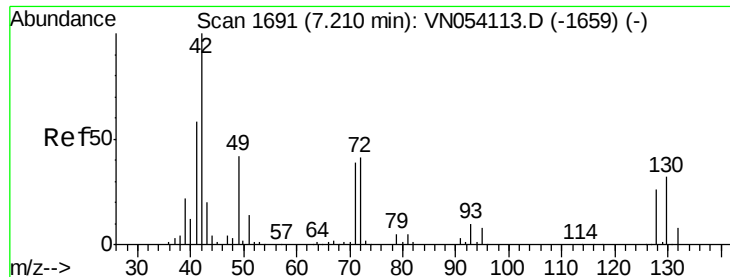
#28
 Bromochloromethane
 Concen: 21.217 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Tgt Ion: 49 Resp: 140429
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 72.9 59.4 89.2



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

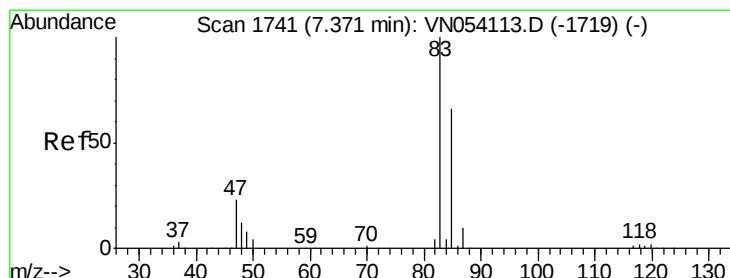
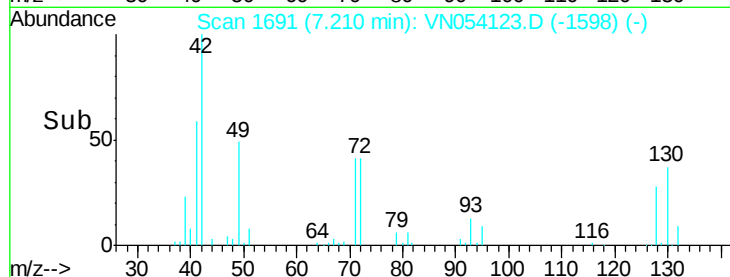
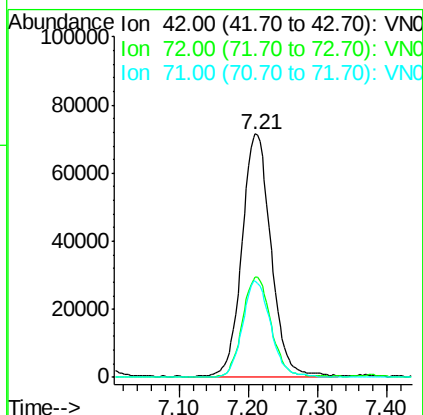
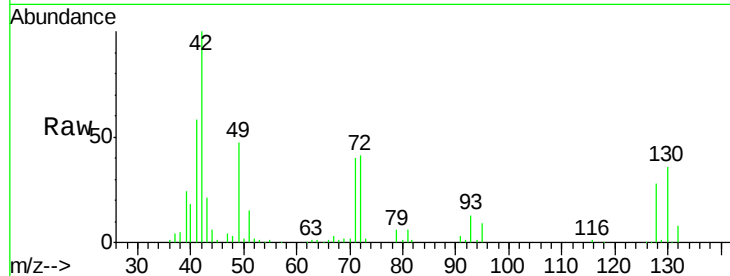




#29
Tetrahydrofuran
Concen: 98.725 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

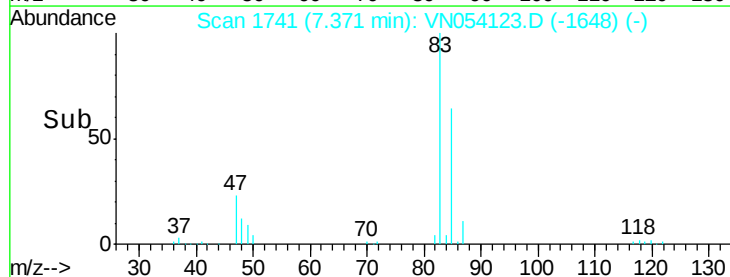
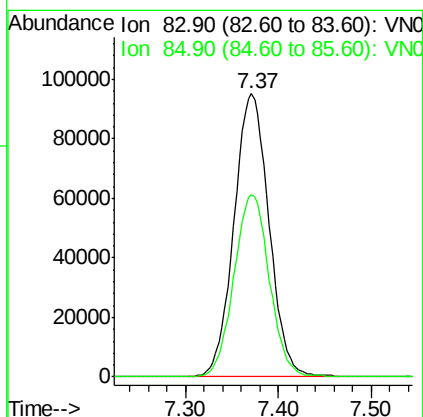
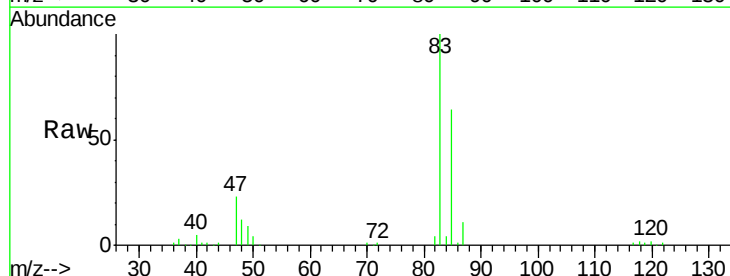
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

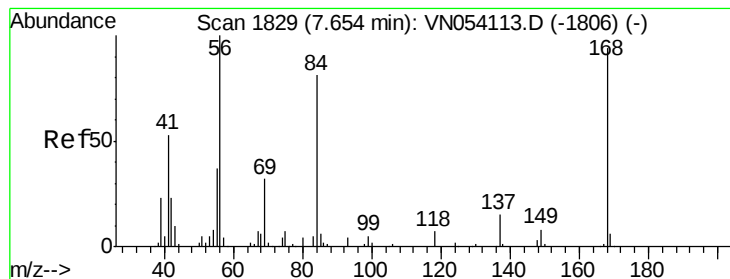
Tgt Ion: 42 Resp: 208239
Ion Ratio Lower Upper
42 100
72 40.7 32.8 49.2
71 38.5 30.5 45.7



#30
Chloroform
Concen: 19.622 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

Tgt Ion: 83 Resp: 249322
Ion Ratio Lower Upper
83 100
85 64.4 53.1 79.7





#31

Cyclohexane

Concen: 19.516 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampled :

VN0306WBSD01

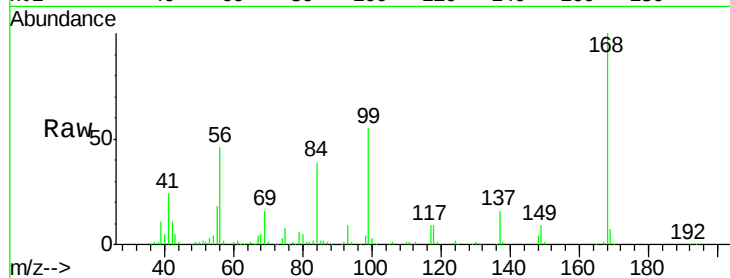
Tgt Ion: 56 Resp: 238325

Ion Ratio Lower Upper

56 100

69 35.8 25.5 38.3

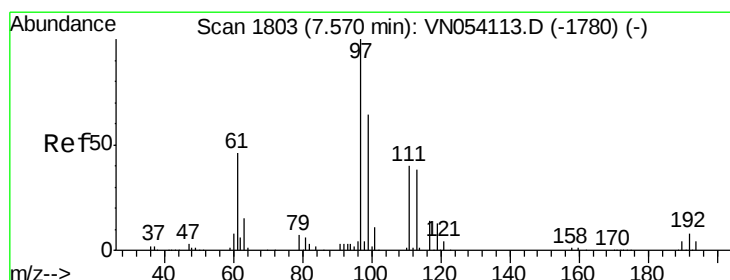
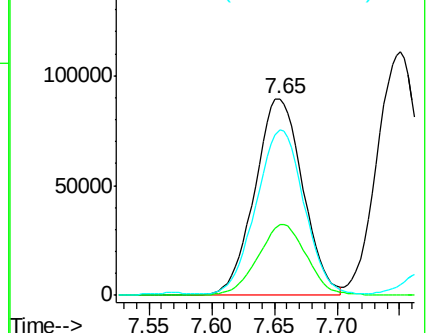
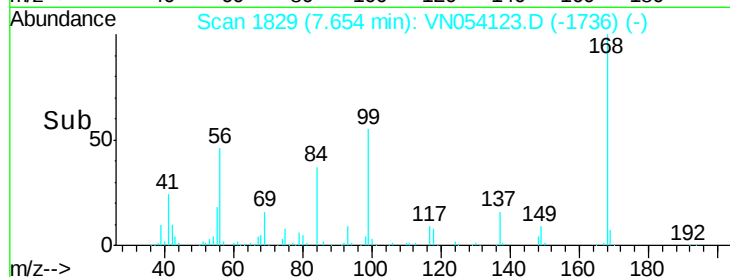
84 83.2 64.5 96.7



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: 19.400 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

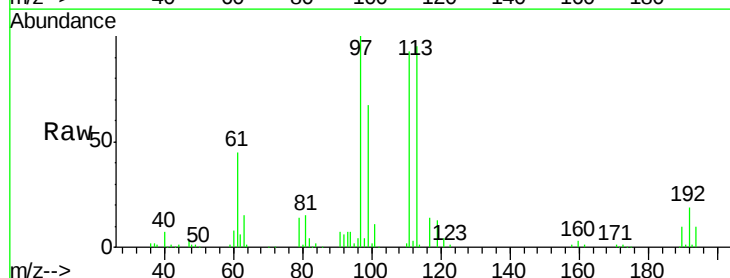
Tgt Ion: 97 Resp: 204369

Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

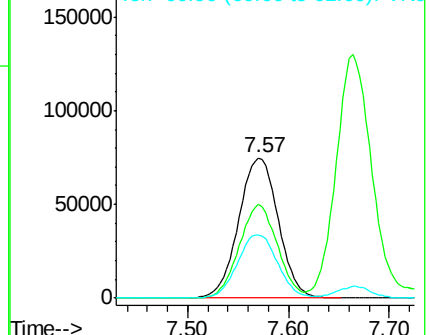
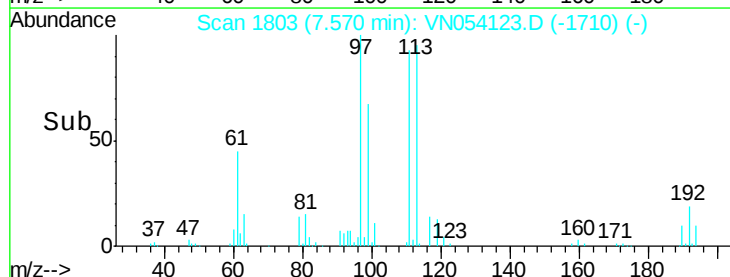
61 45.7 37.1 55.7

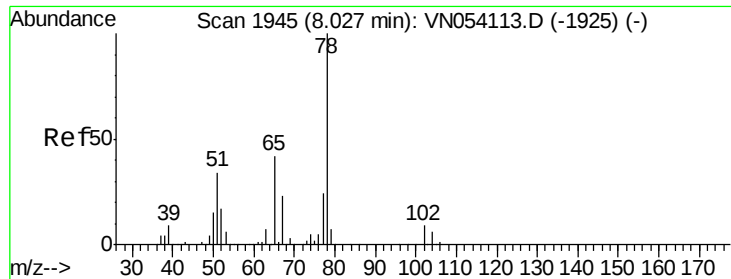


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

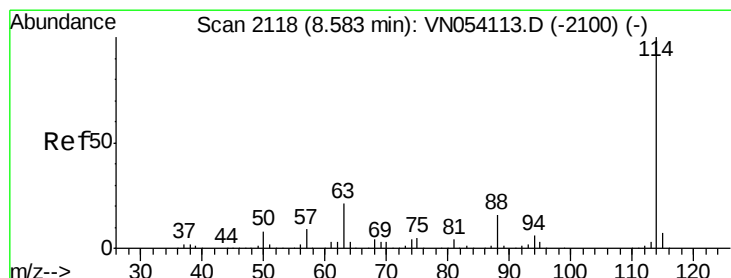
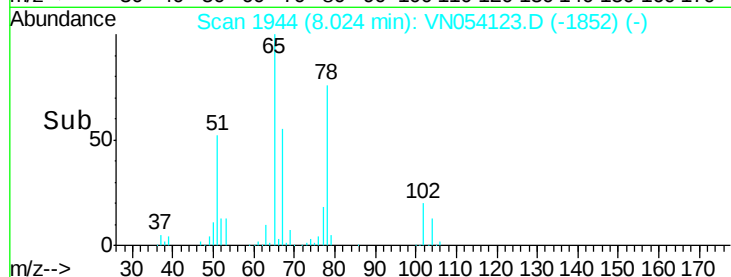
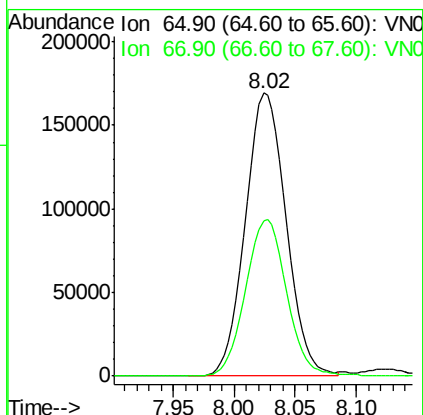
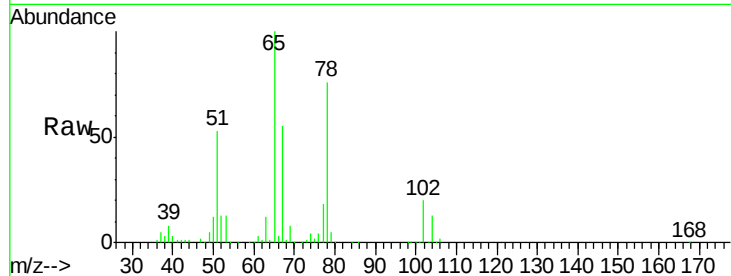




#33
 1,2-Dichloroethane-d4
 Concen: 49.825 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

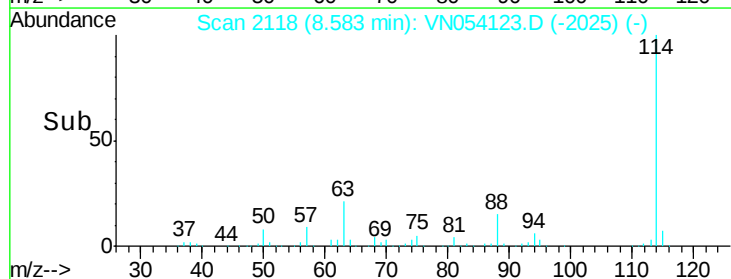
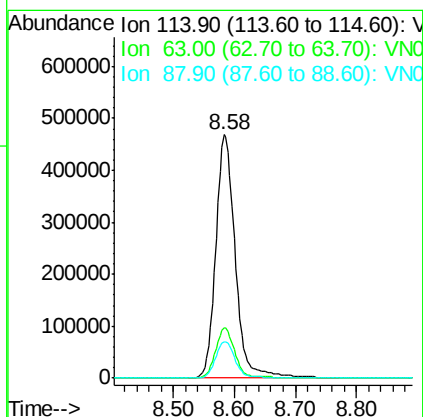
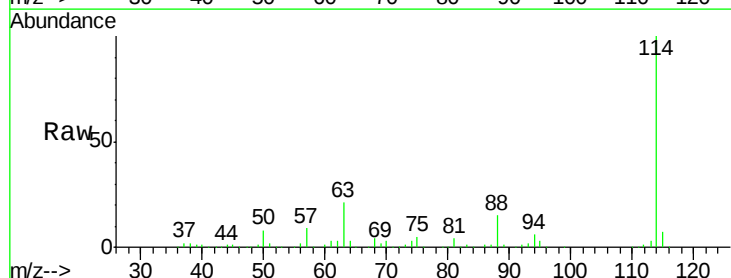
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01

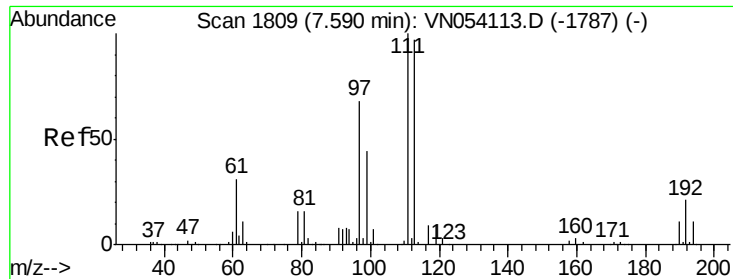
Tgt Ion: 65 Resp: 391274
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Tgt Ion: 114 Resp: 1041093
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.6
 88 15.1 0.0 31.8

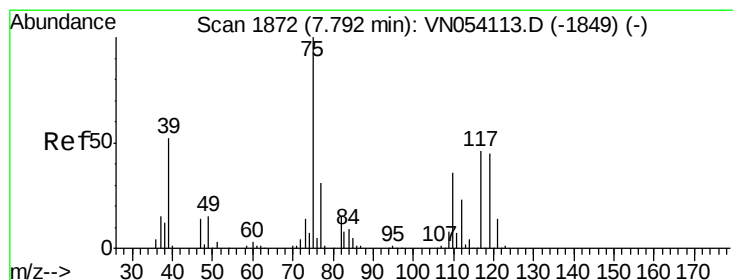
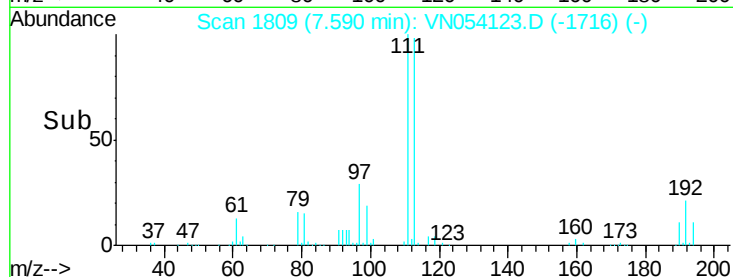
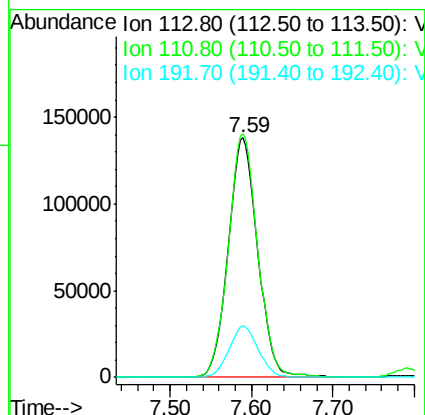
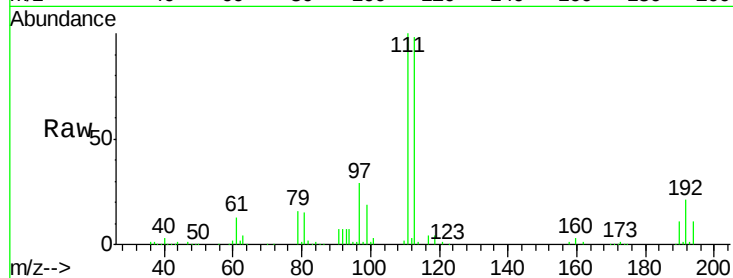




#35
 Dibromofluoromethane
 Concen: 51.590 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

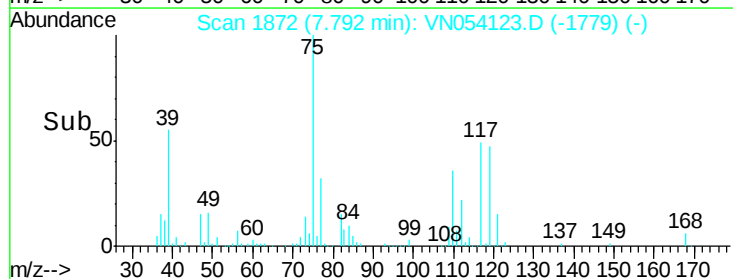
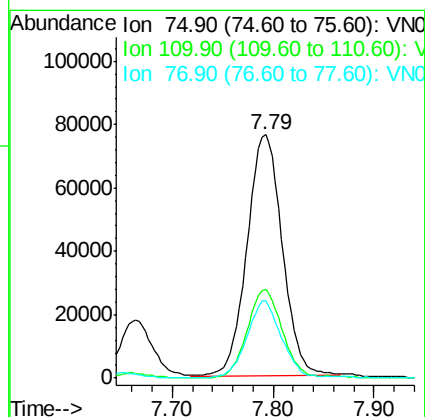
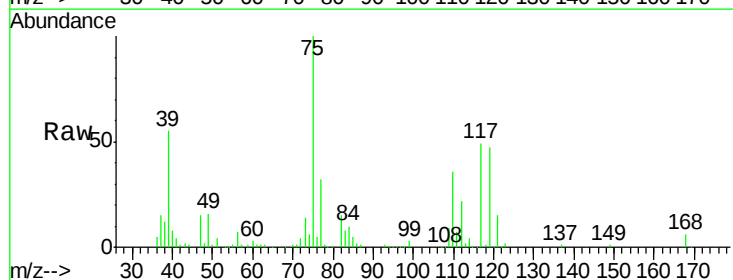
Instrument :
 MSVOA_N
 ClientSampled :
 VN0306WBSD01

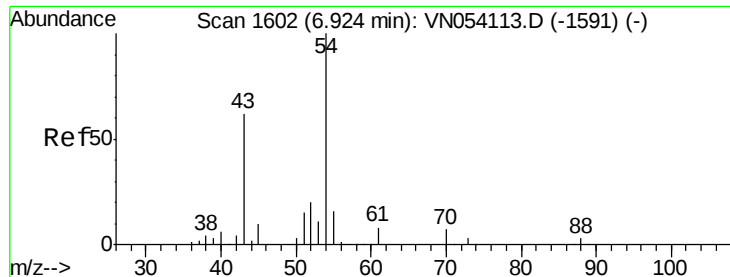
Tgt Ion: 113 Resp: 348840
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.1 123.1
 192 21.2 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 18.916 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Tgt Ion: 75 Resp: 184844
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.0 54.0
 77 31.4 25.3 37.9

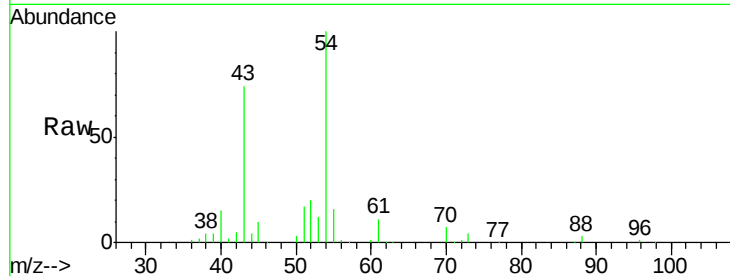




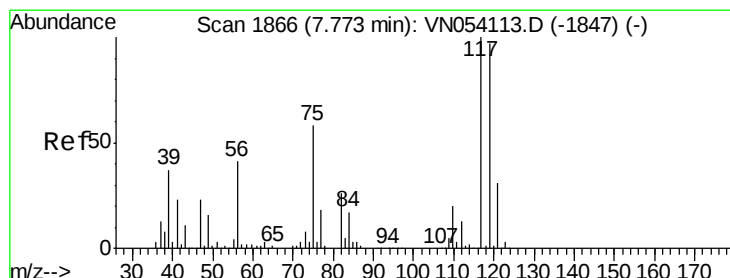
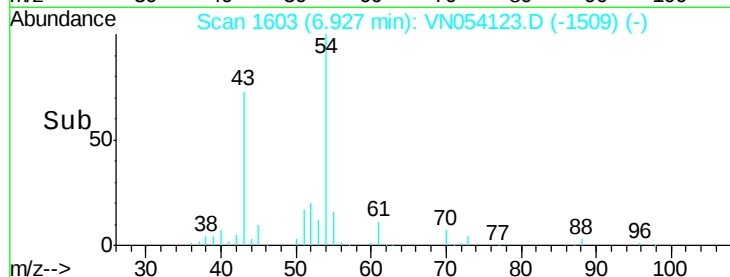
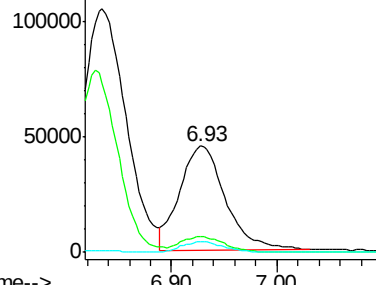
#37
 Ethyl Acetate
 Concen: 19.368 ug/l
 RT: 6.93 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01

Tgt Ion: 43 Resp: 136187
 Ion Ratio Lower Upper
 43 100
 61 13.8 11.1 16.7
 70 8.8 7.6 11.4

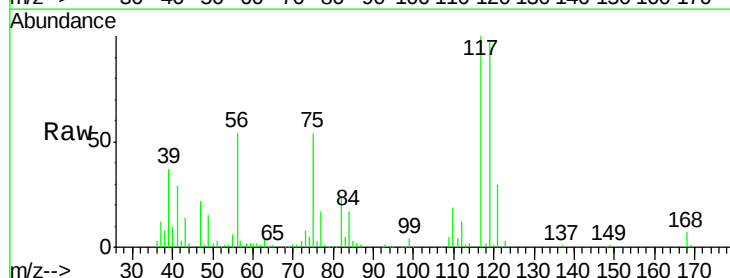


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

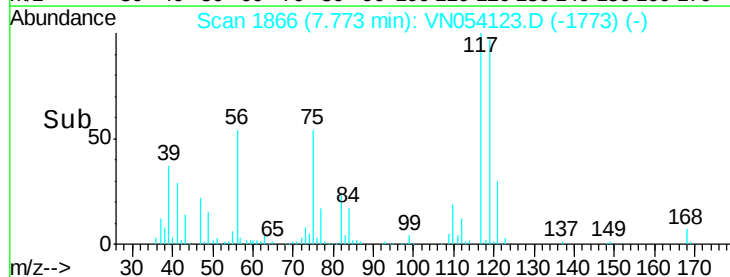
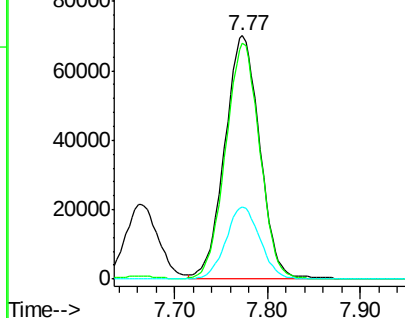


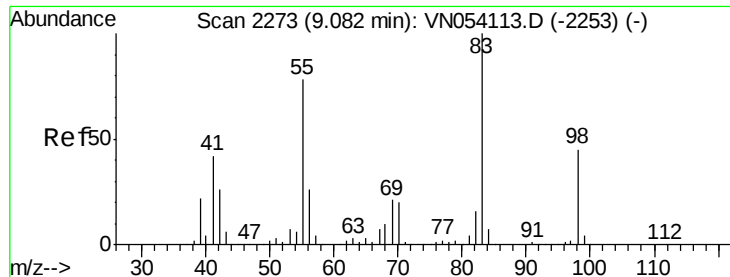
#38
 Carbon Tetrachloride
 Concen: 19.551 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Tgt Ion: 117 Resp: 182387
 Ion Ratio Lower Upper
 117 100
 119 97.1 77.0 115.6
 121 29.7 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

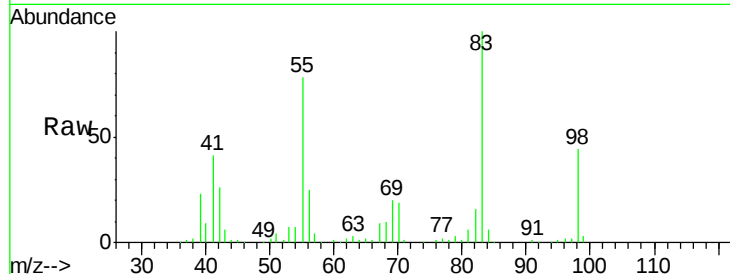




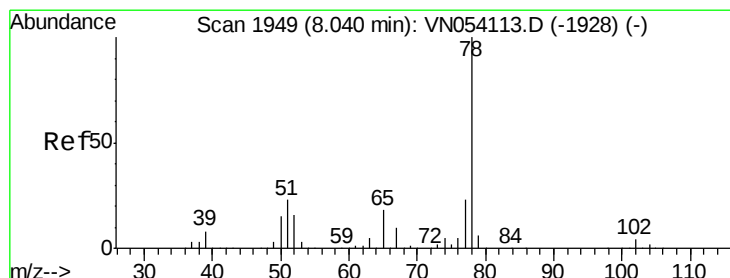
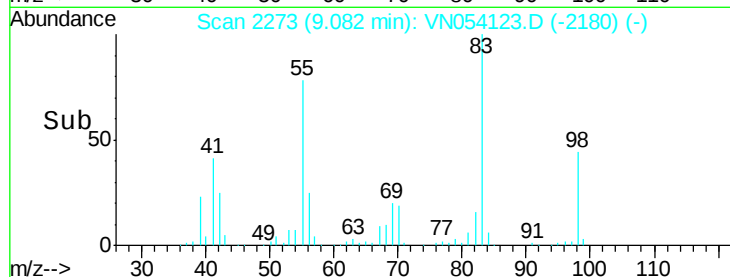
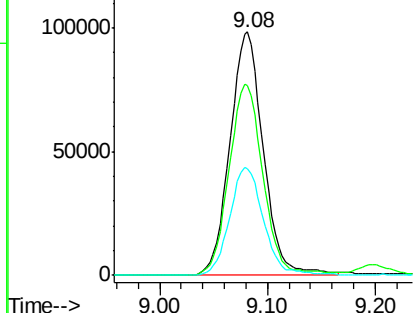
#39
Methylcyclohexane
Concen: 18.789 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

Instrument :
MSVOA_N
ClientSampled :
VN0306WBSD01

Tgt Ion: 83 Resp: 211895
Ion Ratio Lower Upper
83 100
55 77.9 62.1 93.1
98 43.9 36.0 54.0

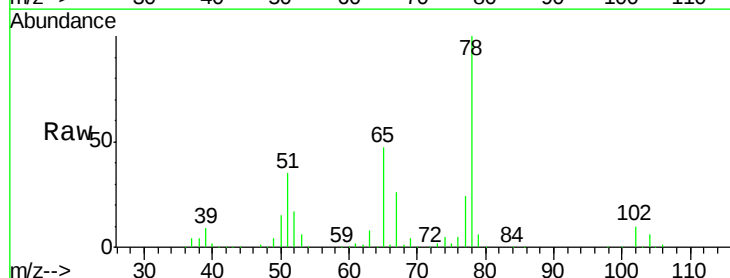


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

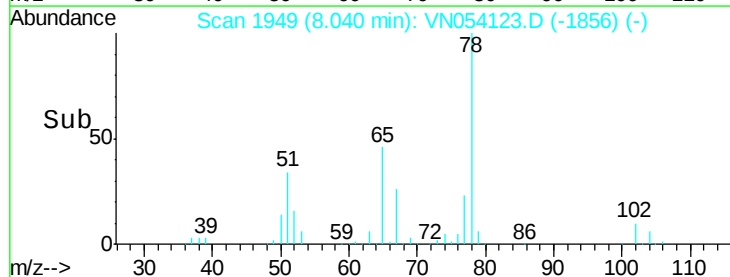
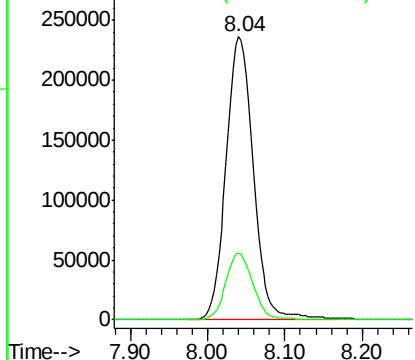


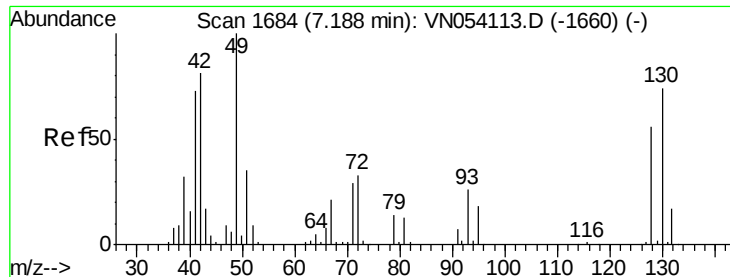
#40
Benzene
Concen: 20.067 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

Tgt Ion: 78 Resp: 580141
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 19.463 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.02 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

Tgt Ion: 41 Resp: 71326

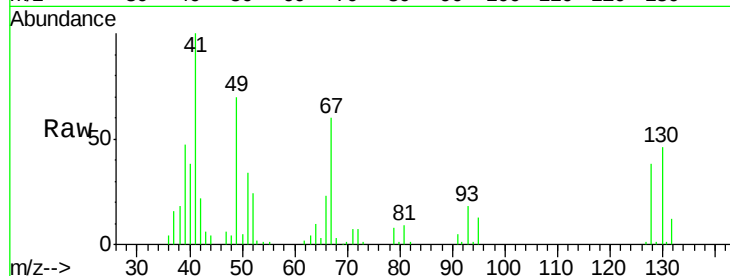
Ion Ratio Lower Upper

41 100

39 42.8 0.0 0.0#

67 83.9 0.0 0.0#

52 34.0 0.0 0.0#

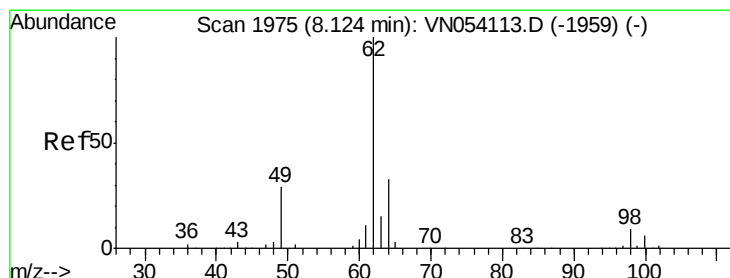
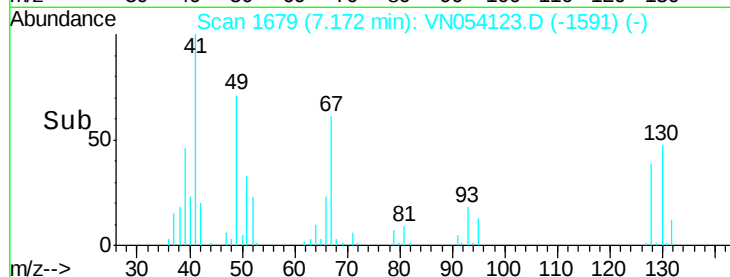
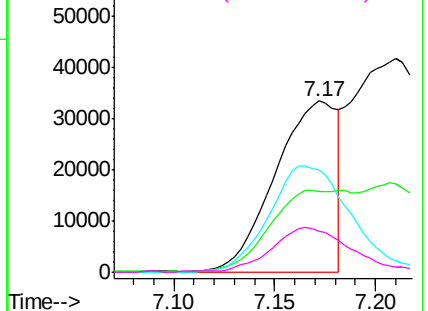


Abundance Ion 41.00 (40.70 to 41.70): VN0

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: 19.815 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN054123.D

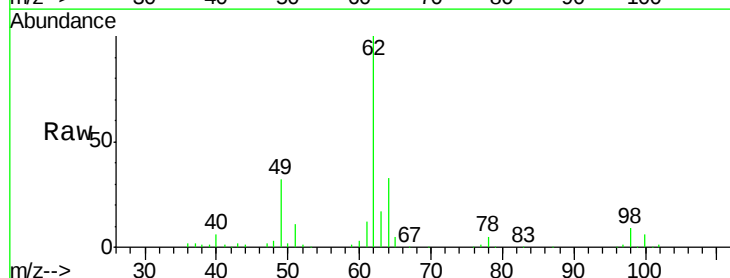
Acq: 6 Mar 2019 18:13

Tgt Ion: 62 Resp: 181469

Ion Ratio Lower Upper

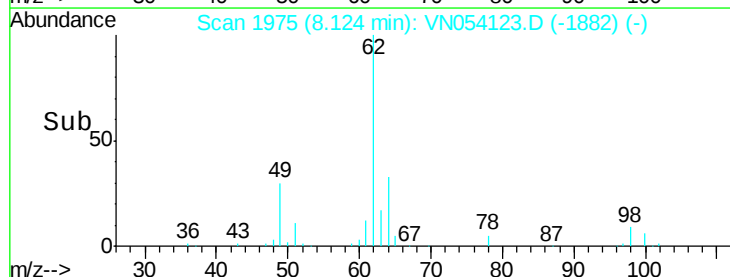
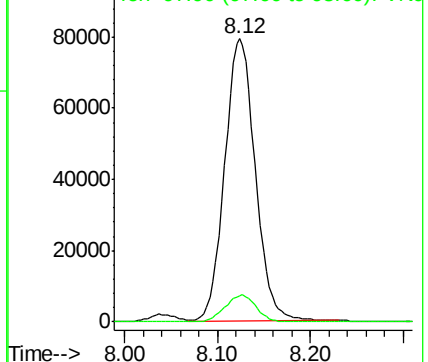
62 100

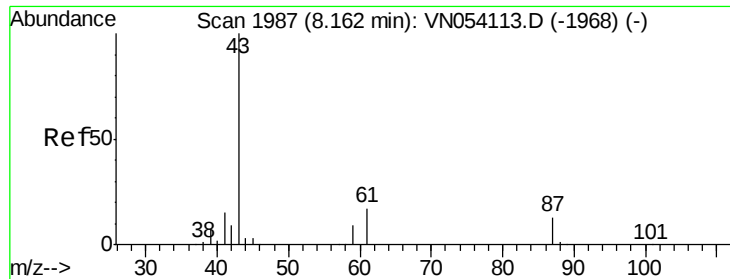
98 9.7 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

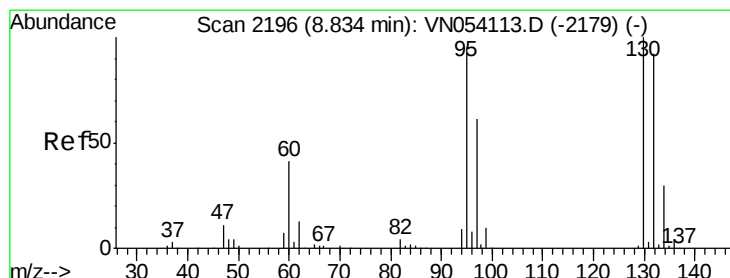
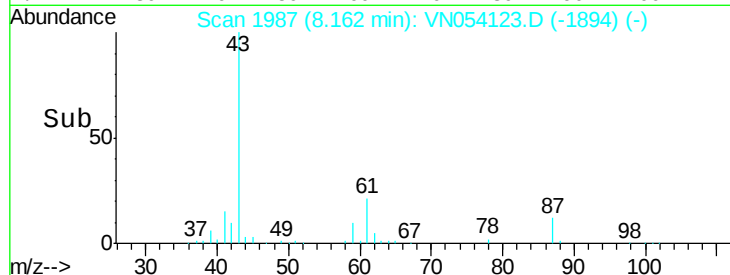
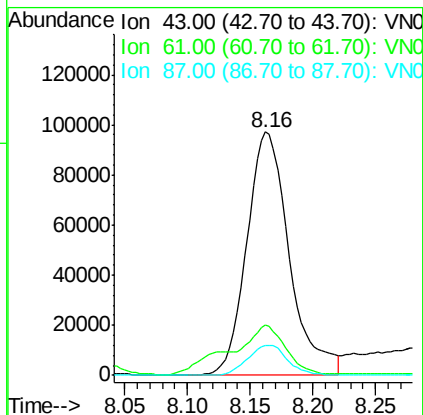
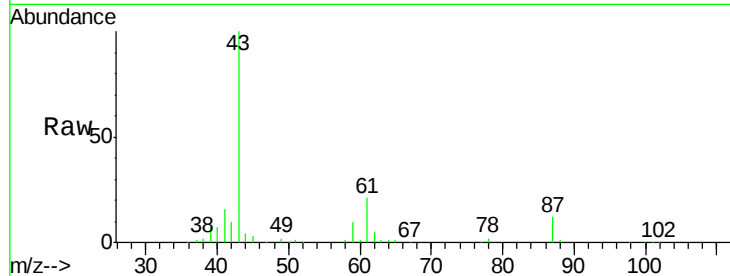




#43
Isopropyl Acetate
Concen: 20.526 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

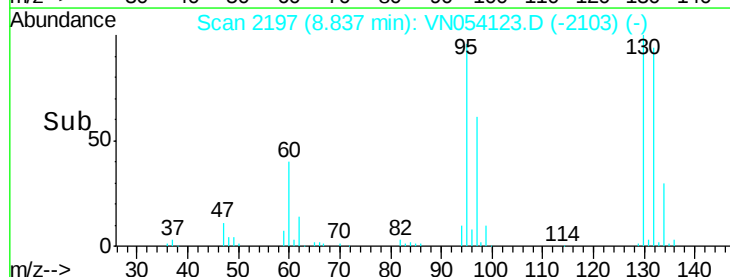
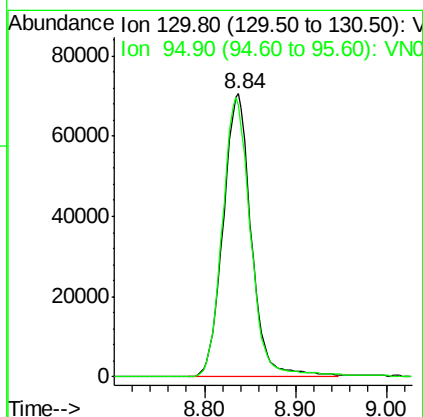
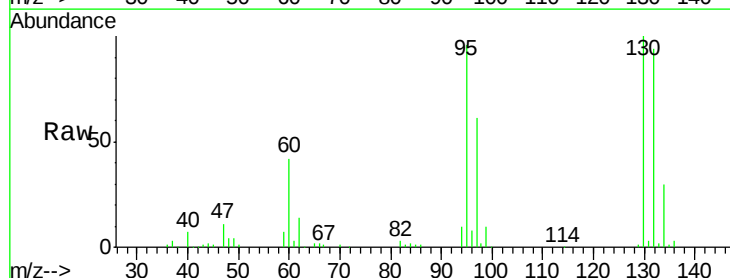
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

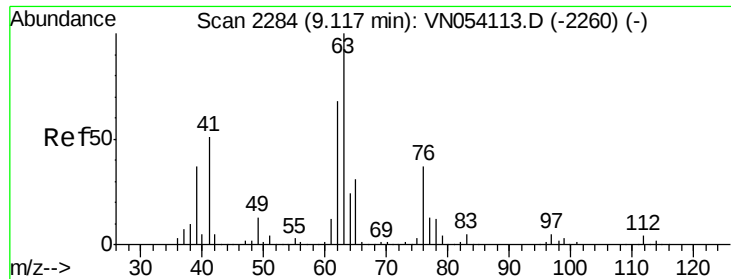
Tgt Ion: 43 Resp: 228405
Ion Ratio Lower Upper
43 100
61 17.7 22.5 33.7#
87 11.9 10.1 15.1



#44
Trichloroethene
Concen: 19.593 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

Tgt Ion: 130 Resp: 151887
Ion Ratio Lower Upper
130 100
95 96.1 0.0 189.4

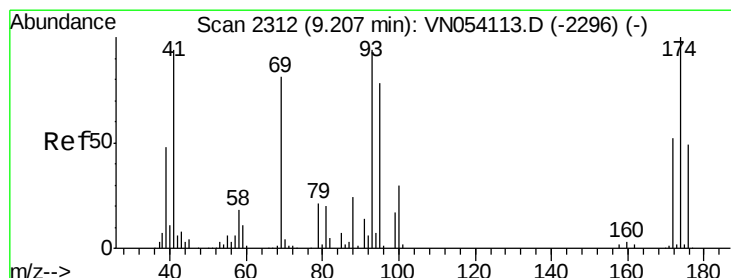
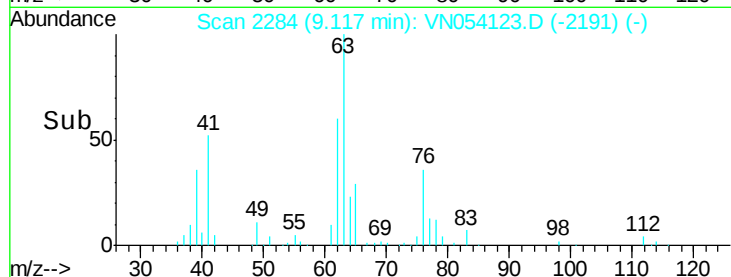
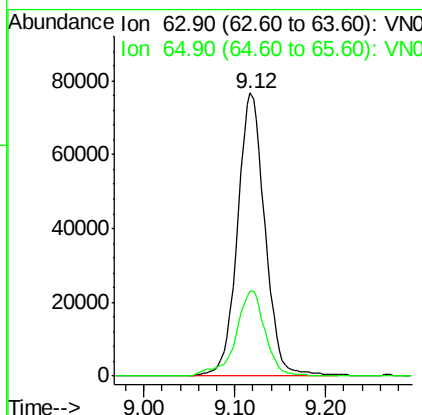
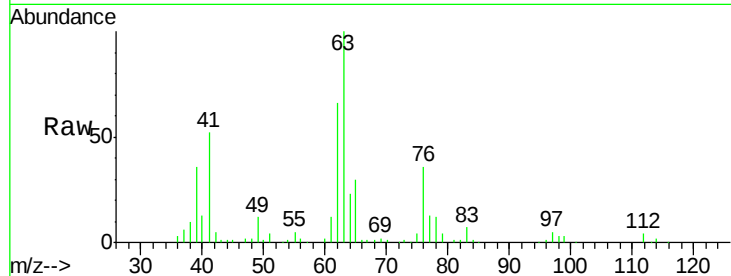




#45
 1,2-Dichloropropane
 Concen: 20.173 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

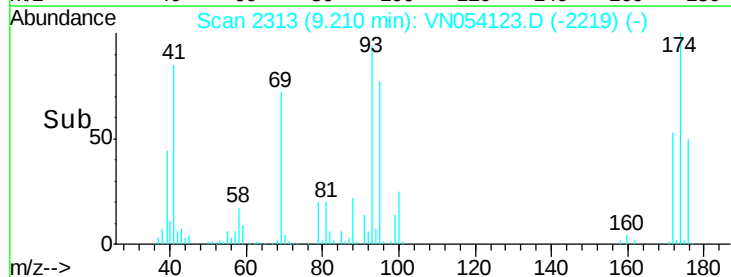
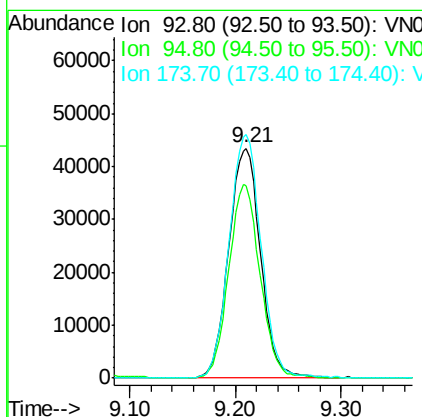
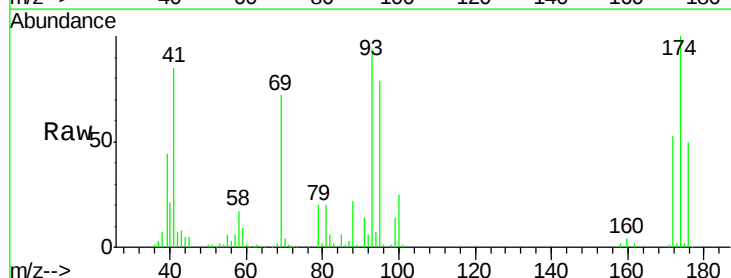
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01

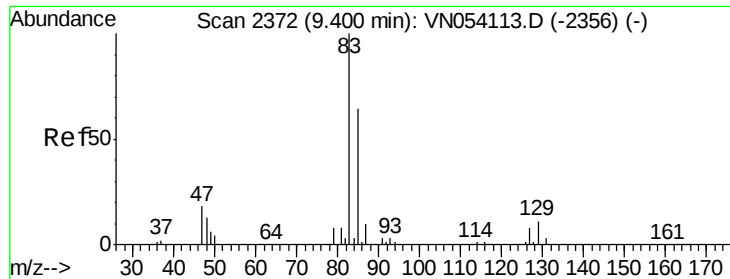
Tgt Ion: 63 Resp: 160867
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.6 36.8



#46
 Dibromomethane
 Concen: 20.013 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Tgt Ion: 93 Resp: 91102
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.1 99.1
 174 106.5 86.1 129.1





#47

Bromodichloromethane

Concen: 19.774 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

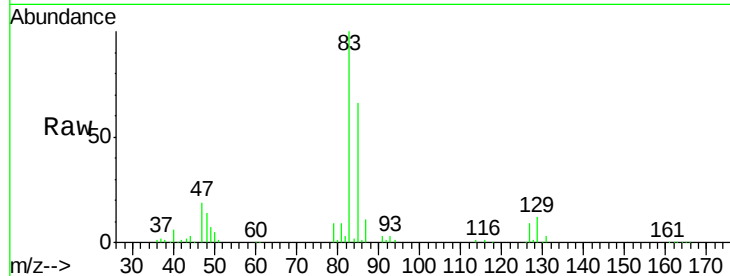
Tgt Ion: 83 Resp: 188425

Ion Ratio Lower Upper

83 100

85 65.9 51.0 76.4

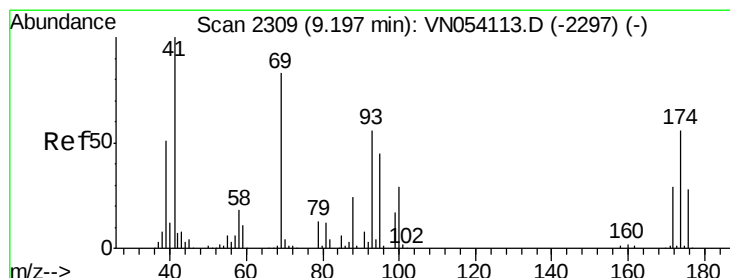
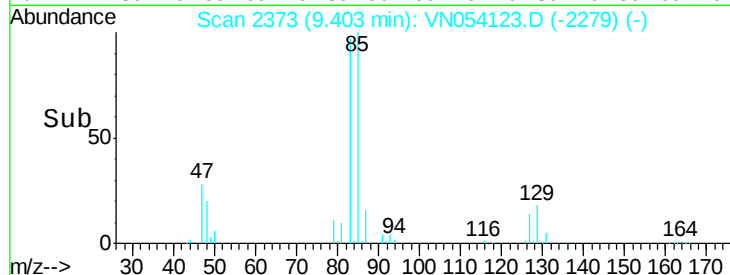
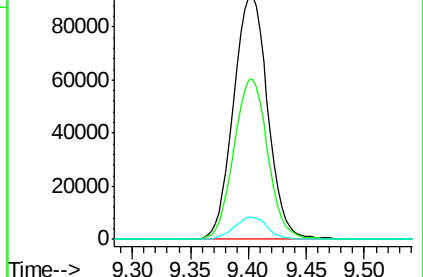
127 9.2 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.588 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

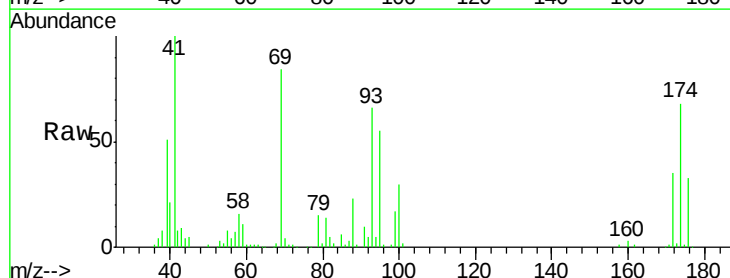
Tgt Ion: 41 Resp: 105326

Ion Ratio Lower Upper

41 100

69 90.6 71.0 106.4

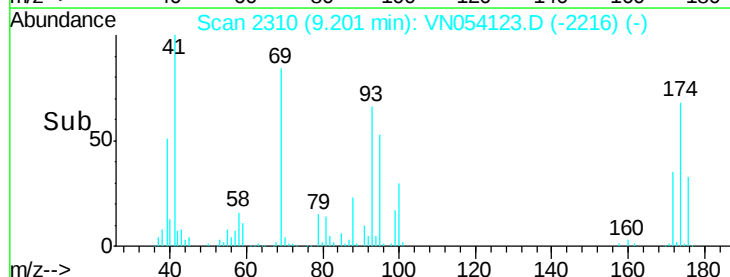
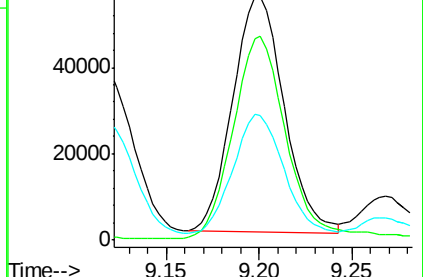
39 54.2 43.7 65.5

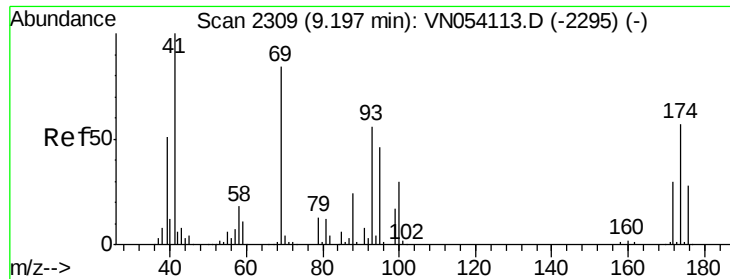


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

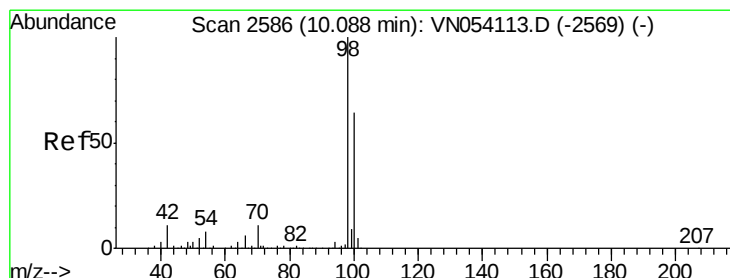
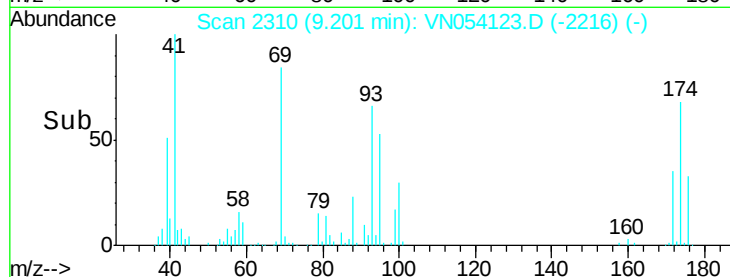
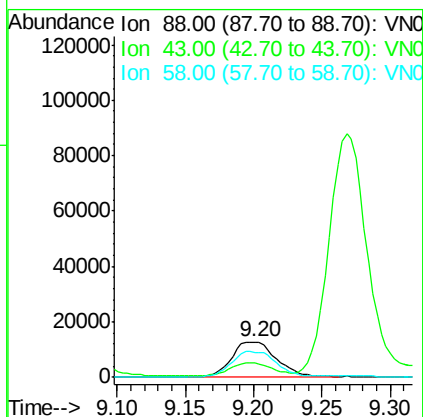
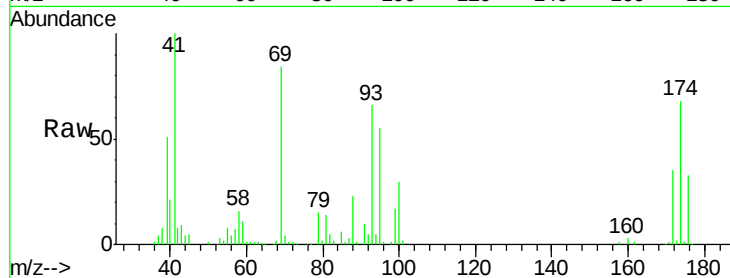




#49
 1,4-Dioxane
 Concen: 383.387 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

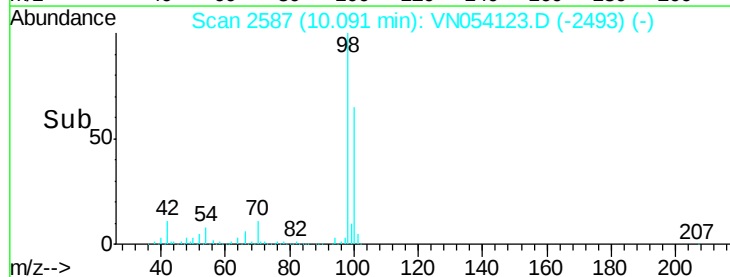
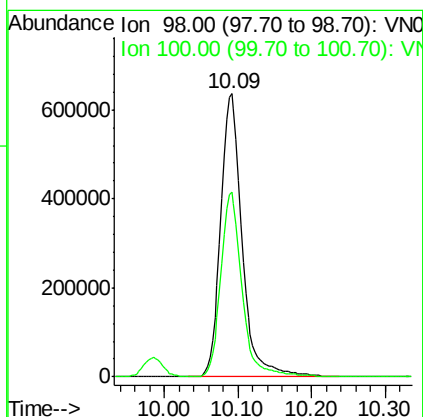
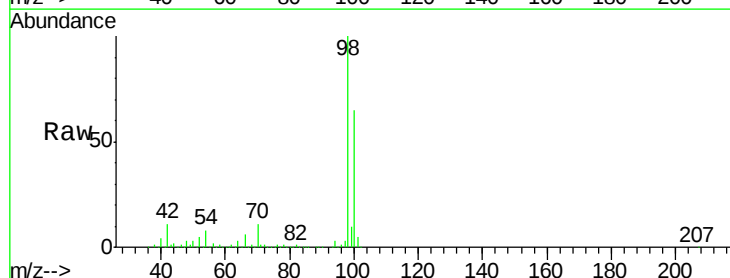
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01

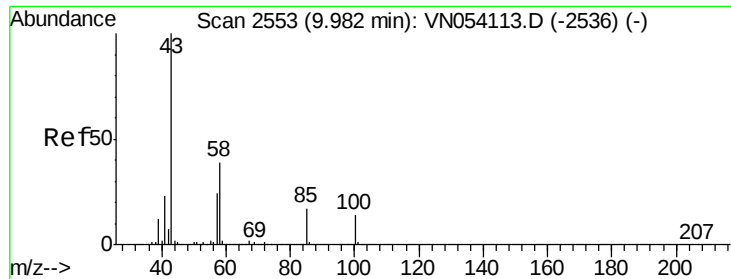
Tgt Ion: 88 Resp: 29635
 Ion Ratio Lower Upper
 88 100
 43 33.4 25.5 38.3
 58 73.2 58.3 87.5



#50
 Toluene-d8
 Concen: 50.237 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Tgt Ion: 98 Resp: 1289924
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.7 77.5

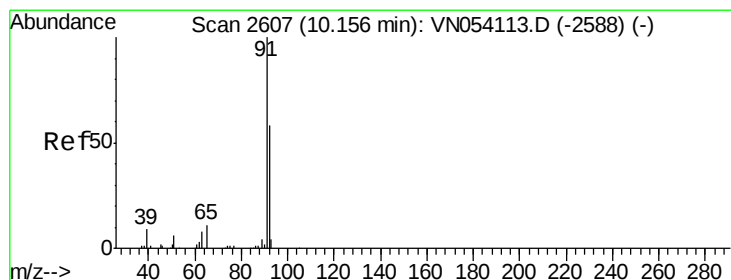
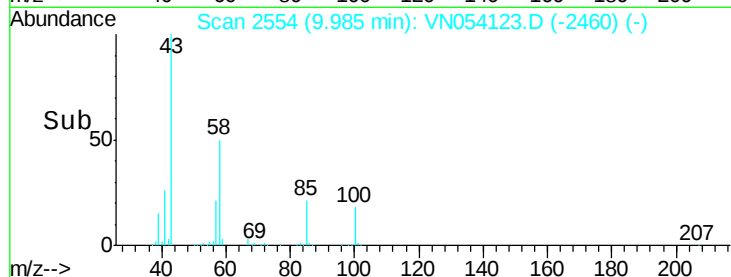
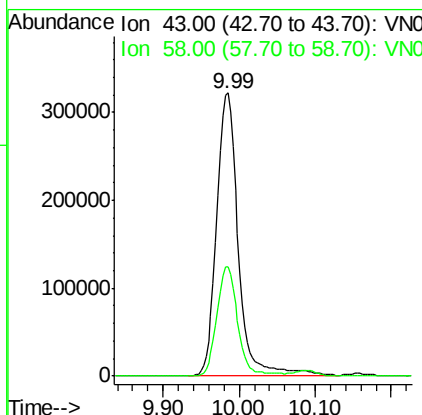
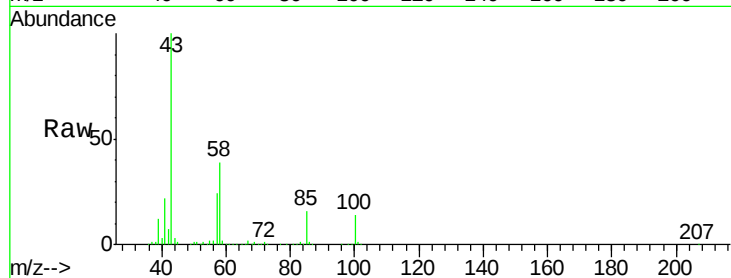




#51
4-Methyl-2-Pentanone
Concen: 101.606 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

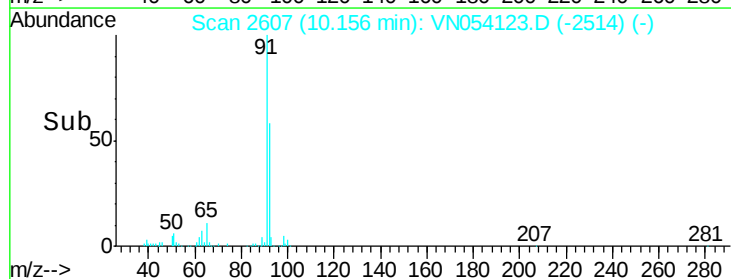
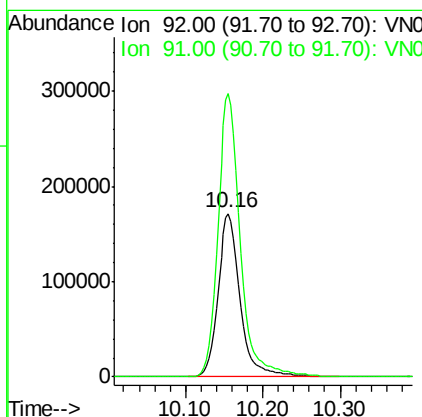
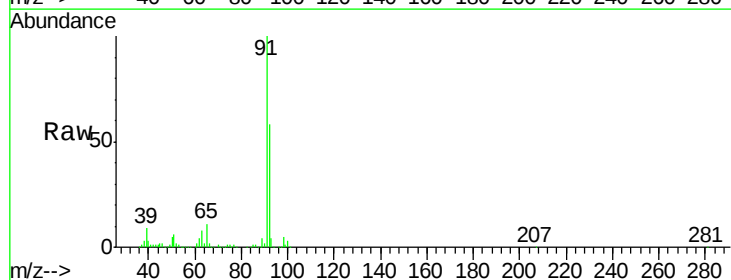
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

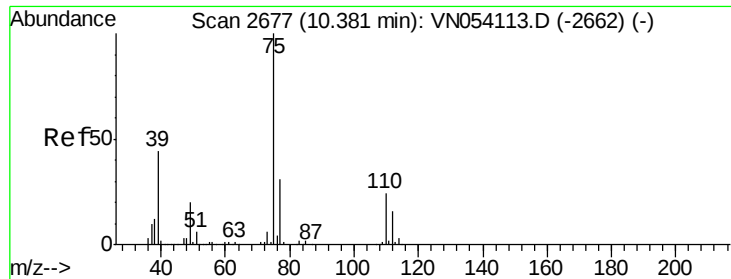
Tgt Ion: 43 Resp: 633867
Ion Ratio Lower Upper
43 100
58 37.6 30.8 46.2



#52
Toluene
Concen: 19.945 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

Tgt Ion: 92 Resp: 341619
Ion Ratio Lower Upper
92 100
91 175.9 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 19.776 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

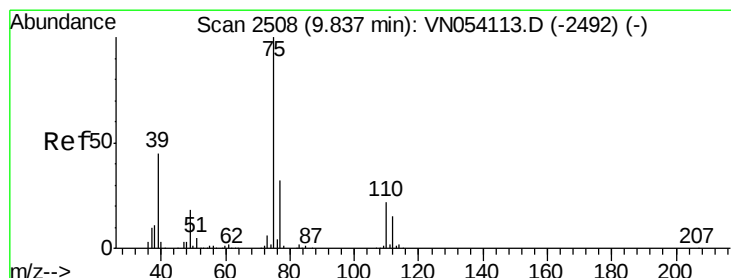
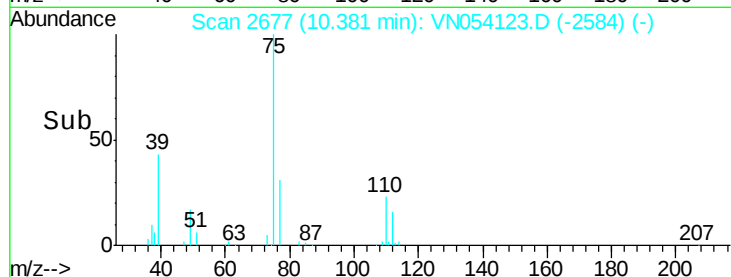
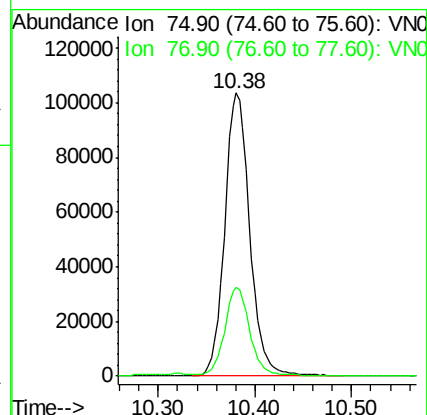
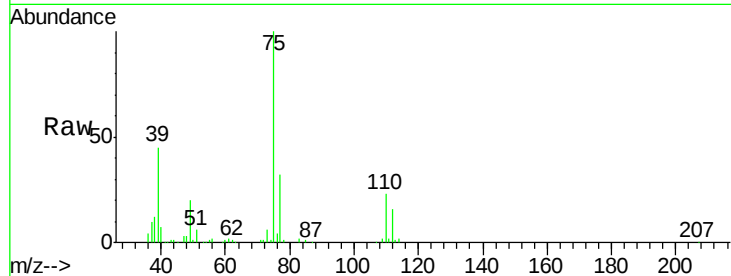
VN0306WBSD01

Tgt Ion: 75 Resp: 185873

Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.513 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

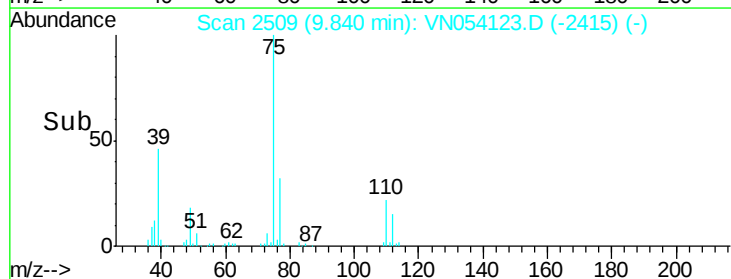
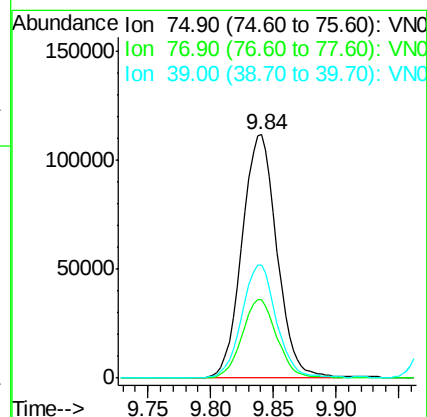
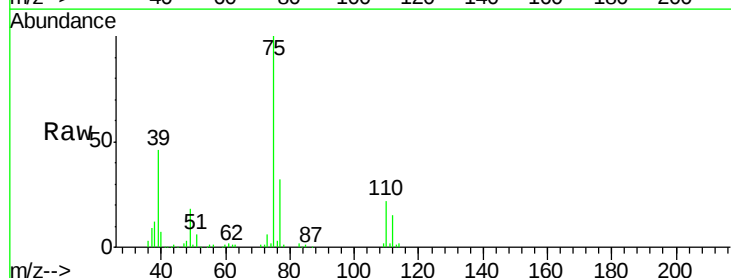
Tgt Ion: 75 Resp: 216757

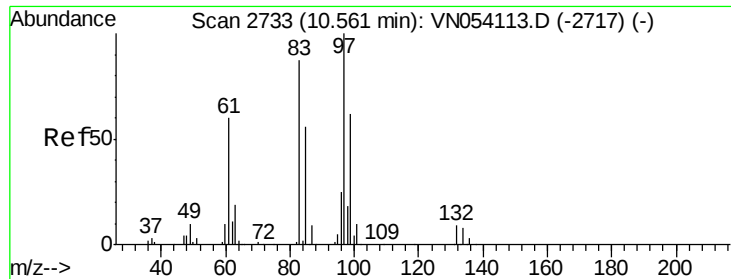
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 46.4 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 20.171 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

Tgt Ion: 97 Resp: 130101

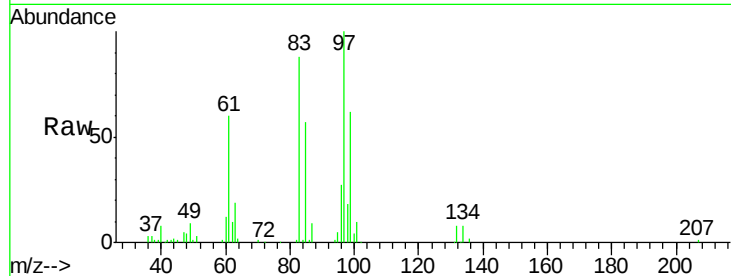
Ion Ratio Lower Upper

97 100

83 88.4 69.8 104.6

85 56.9 45.0 67.4

99 61.6 49.8 74.6



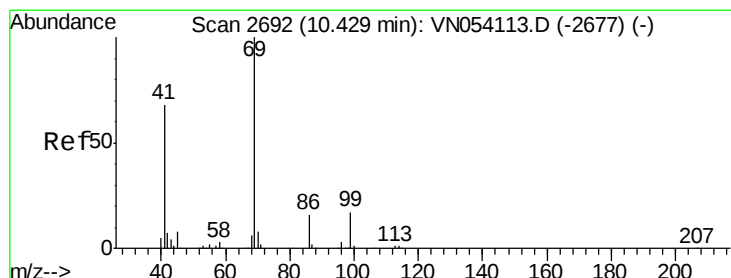
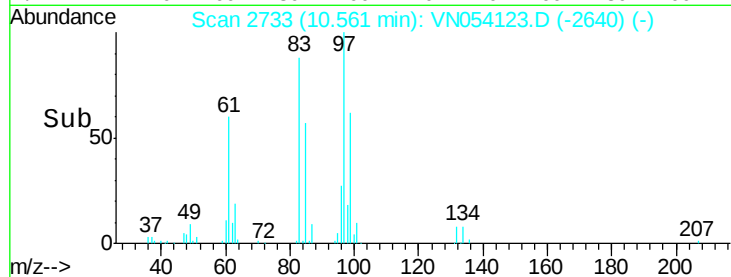
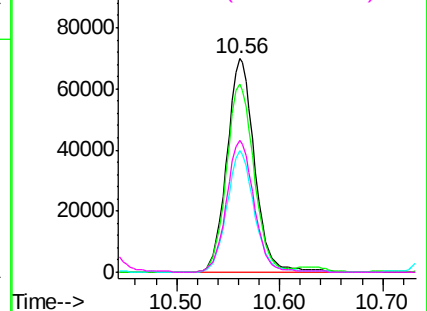
Abundance

Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC



#56

Ethyl methacrylate

Concen: 20.511 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

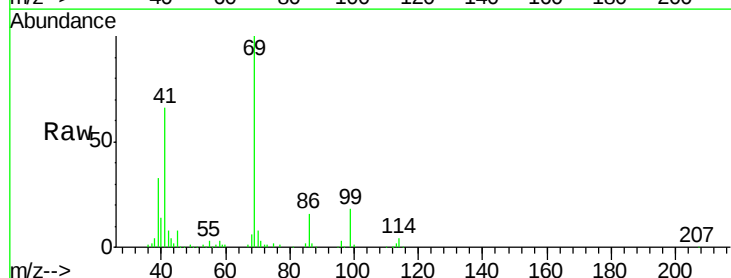
Tgt Ion: 69 Resp: 155301

Ion Ratio Lower Upper

69 100

41 65.5 53.4 80.2

39 32.8 25.6 38.4

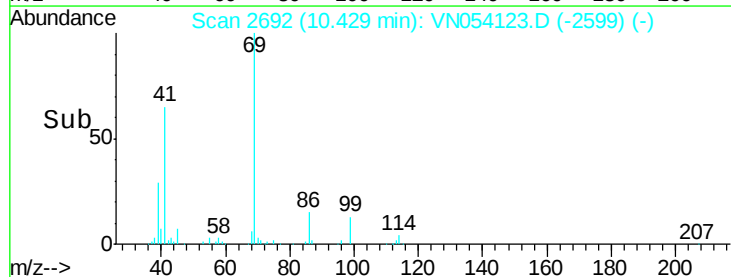
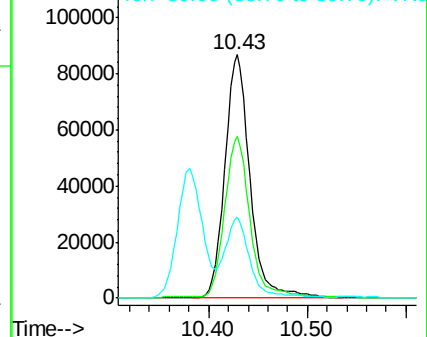


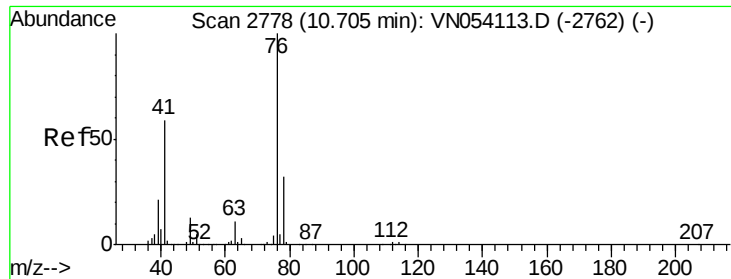
Abundance

Ion 69.00 (68.70 to 69.70): VNC

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

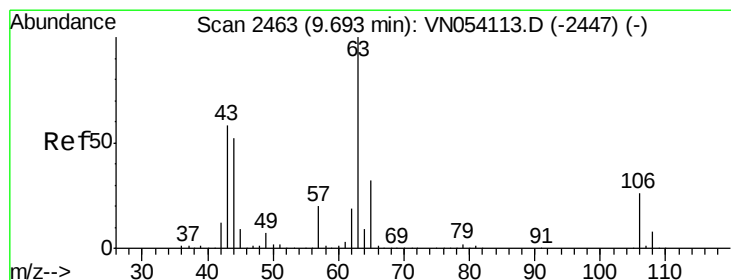
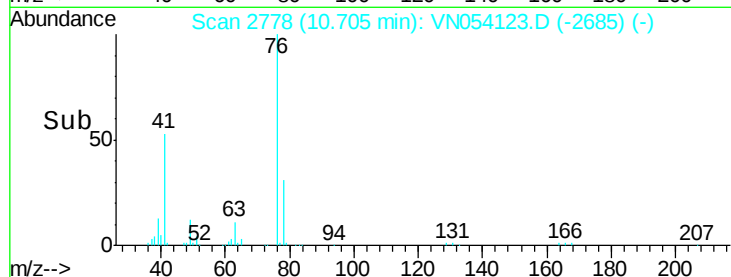
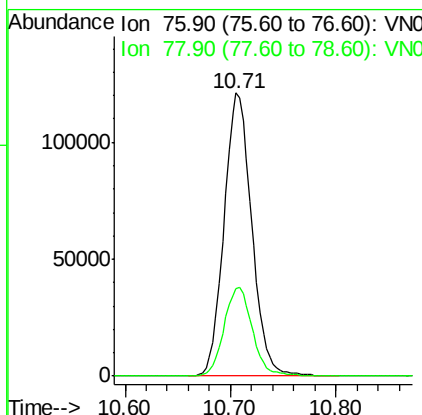
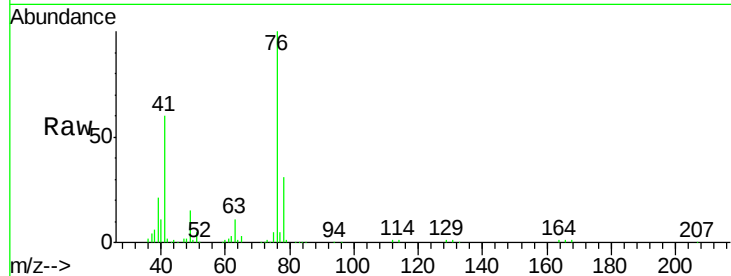




#57
 1,3-Dichloropropane
 Concen: 19.995 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

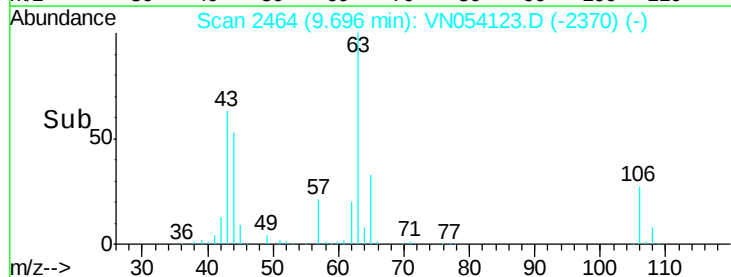
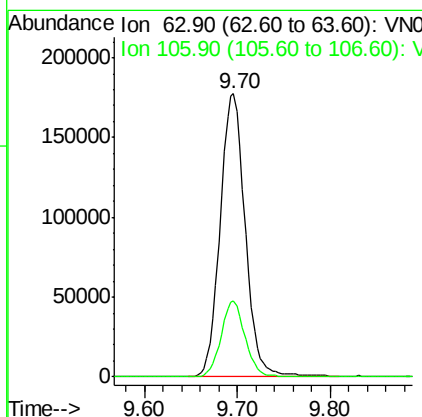
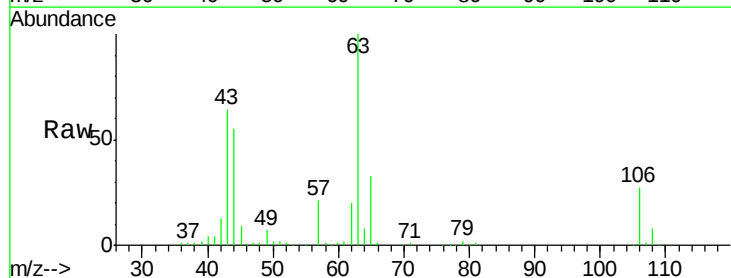
Instrument :
 MSVOA_N
 ClientSampled :
 VN0306WBSD01

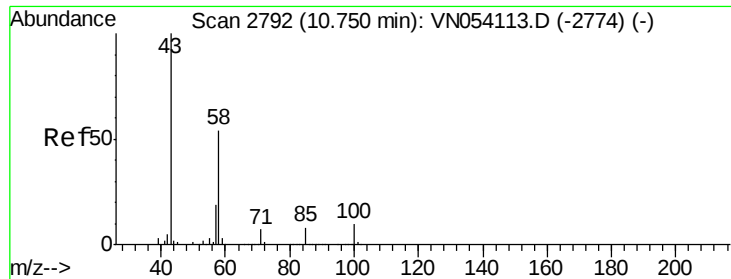
Tgt Ion: 76 Resp: 220046
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.224 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Tgt Ion: 63 Resp: 333477
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.2 30.2

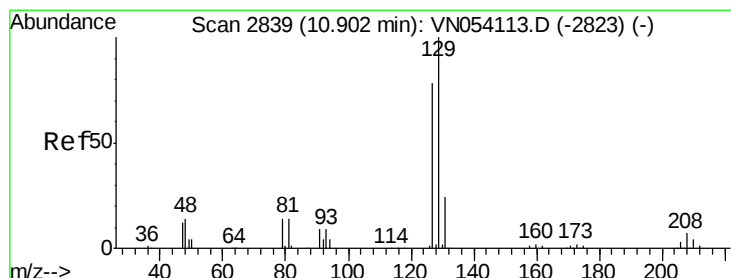
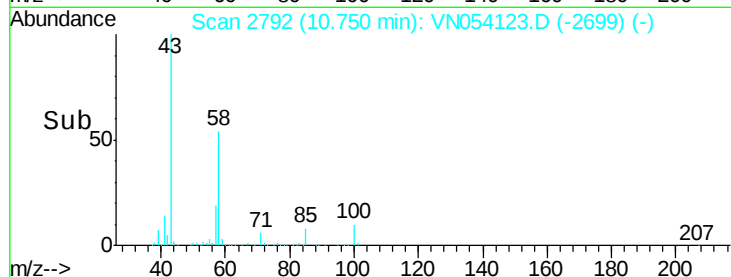
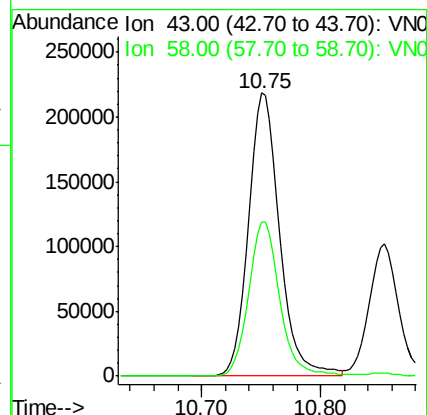
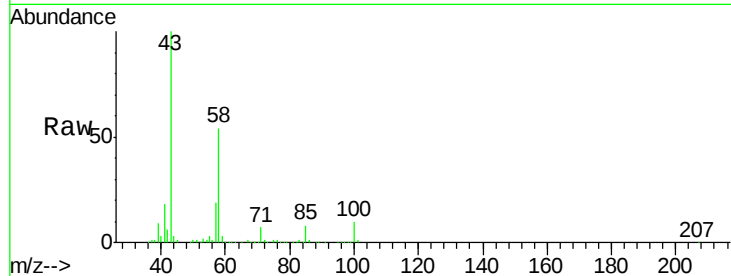




#59
2-Hexanone
Concen: 95.560 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

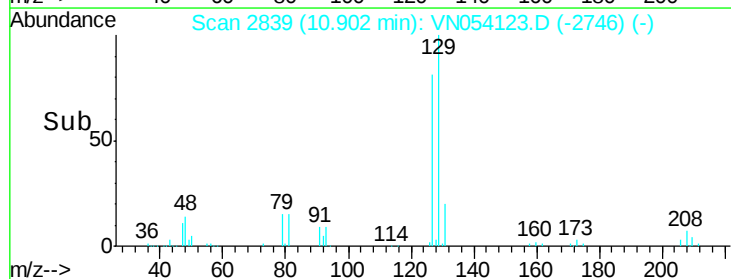
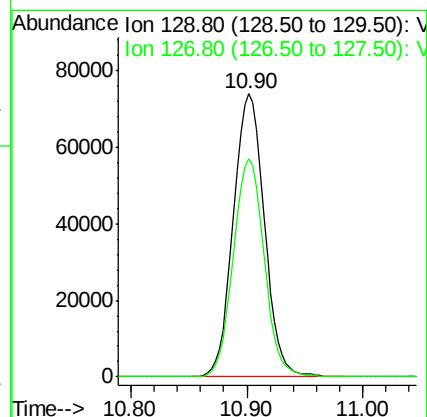
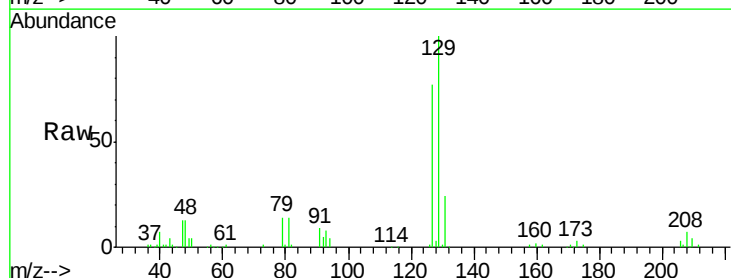
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

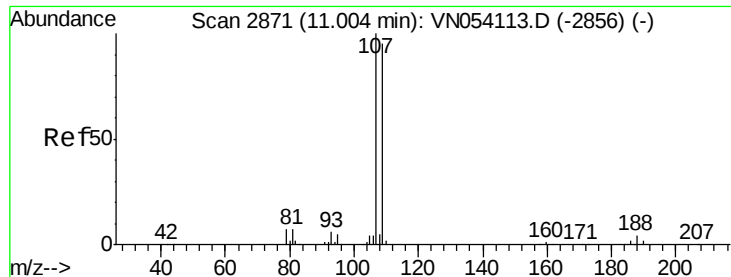
Tgt Ion: 43 Resp: 393285
Ion Ratio Lower Upper
43 100
58 54.8 27.0 81.0



#60
Dibromochloromethane
Concen: 19.854 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

Tgt Ion: 129 Resp: 136920
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.4

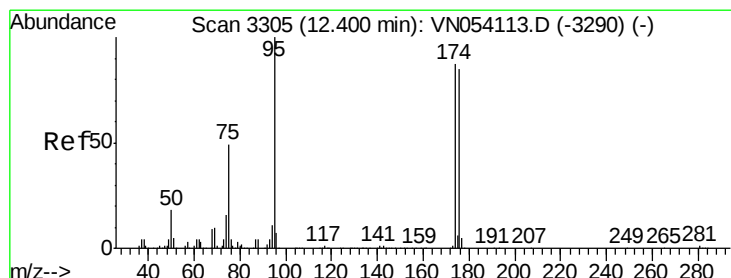
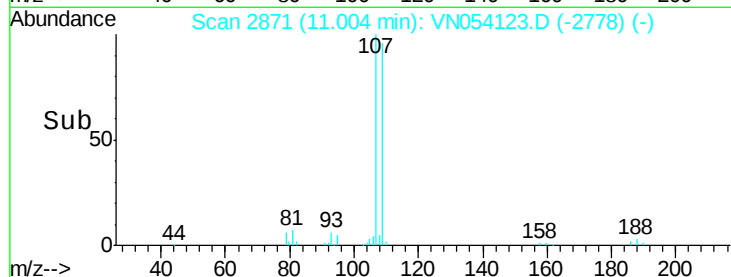
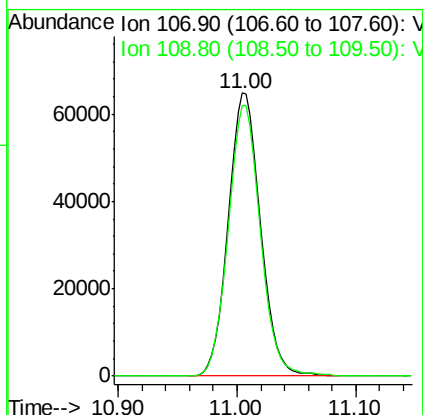
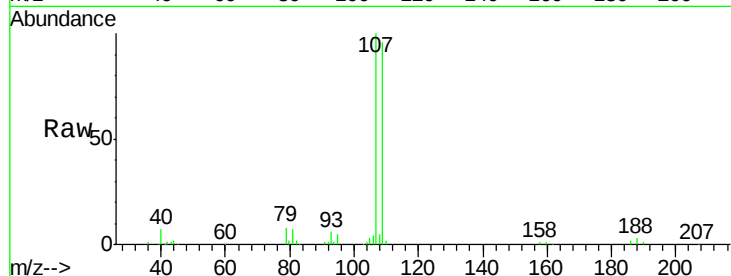




#61
1,2-Dibromoethane
Concen: 19.807 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

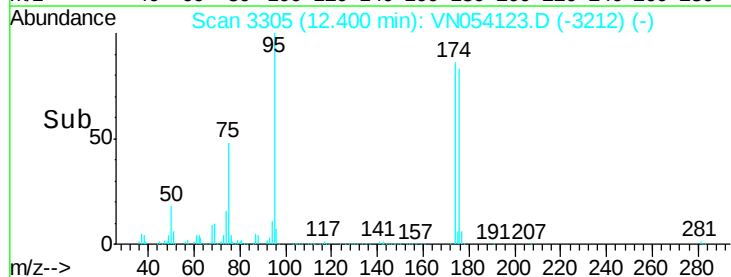
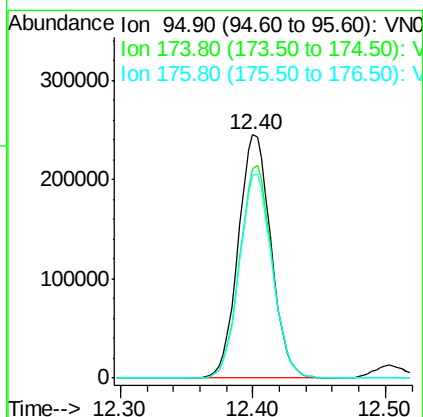
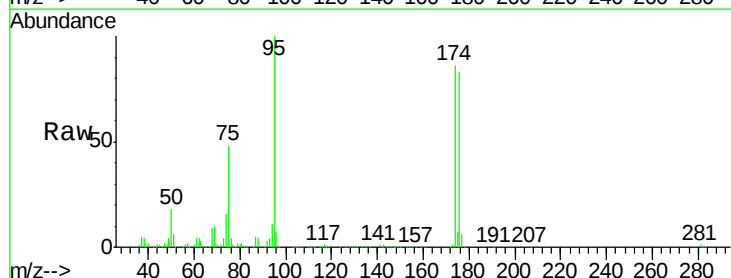
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

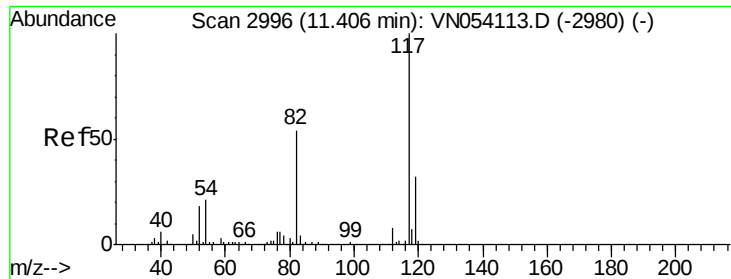
Tgt Ion: 107 Resp: 121560
Ion Ratio Lower Upper
107 100
109 95.5 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 50.098 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

Tgt Ion: 95 Resp: 418802
Ion Ratio Lower Upper
95 100
174 86.9 0.0 173.2
176 84.2 0.0 168.8

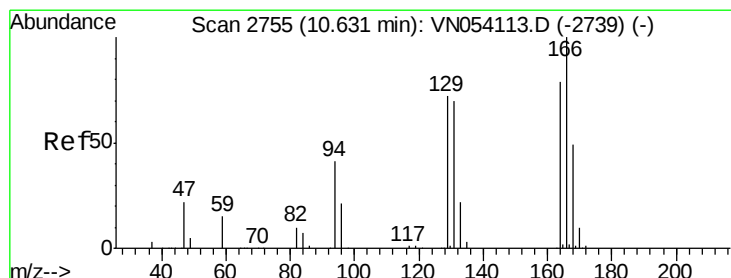
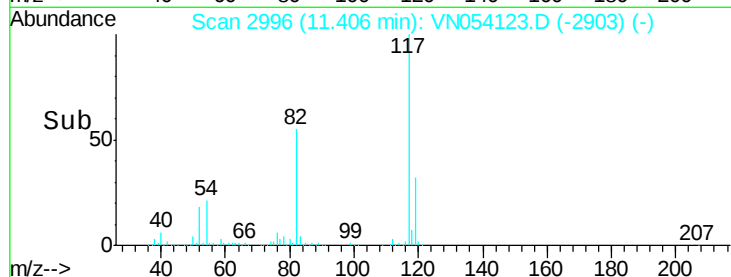
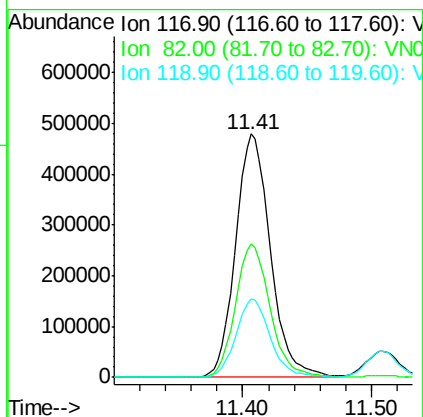
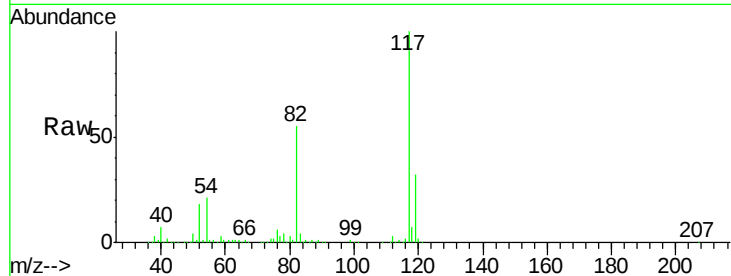




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

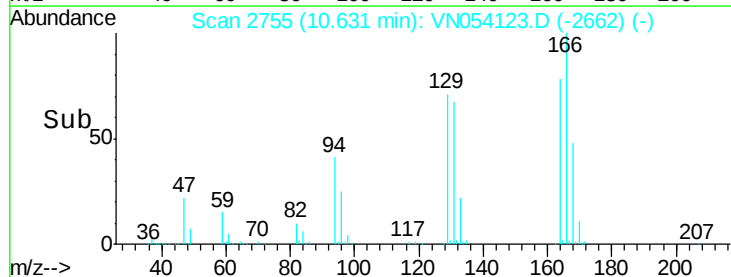
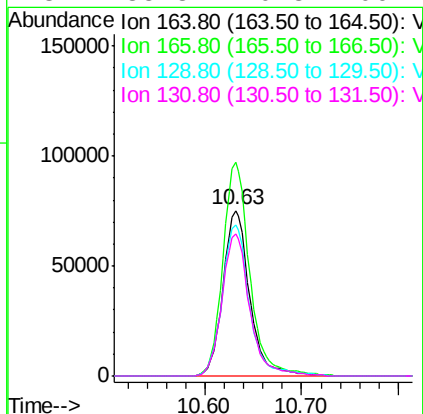
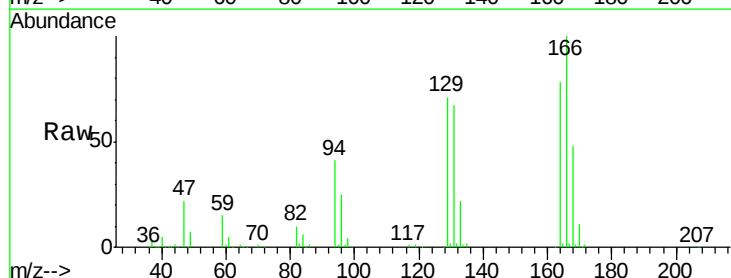
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

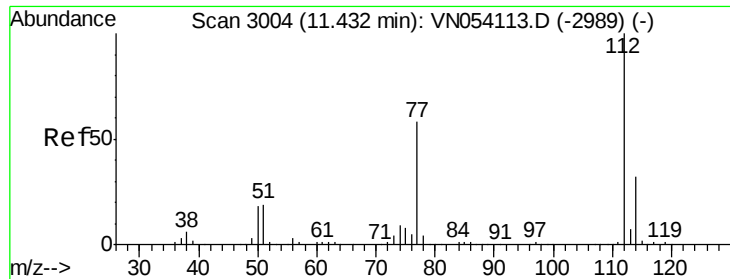
Tgt Ion:117 Resp: 899816
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.2
119 32.0 26.0 39.0



#64
Tetrachloroethene
Concen: 19.542 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

Tgt Ion:164 Resp: 144309
Ion Ratio Lower Upper
164 100
166 128.9 101.3 151.9
129 91.0 73.2 109.8
131 85.8 70.8 106.2

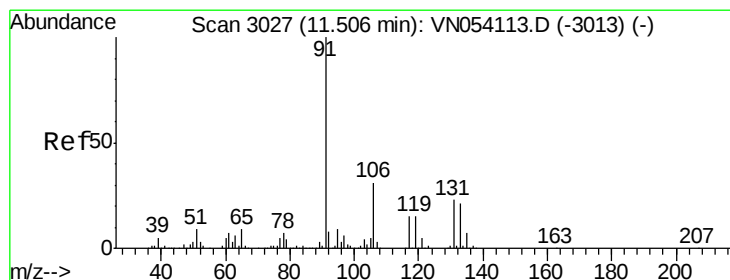
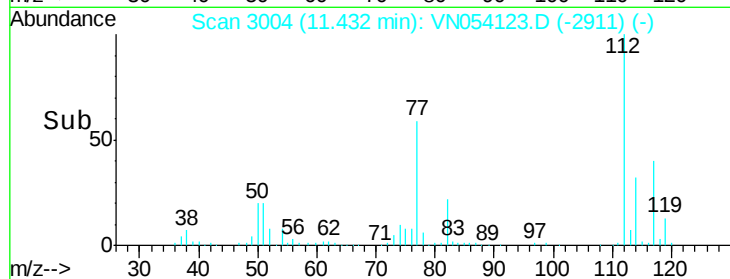
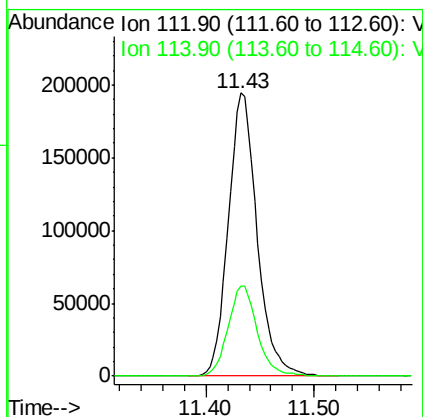
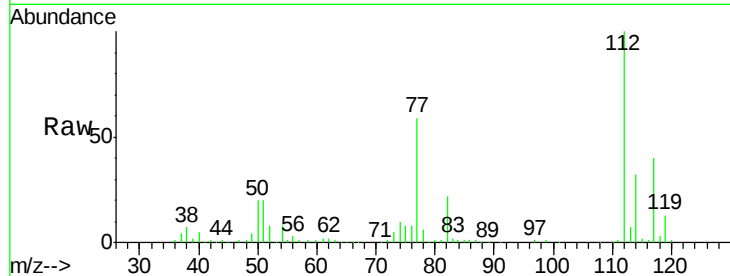




#65
Chlorobenzene
Concen: 19.304 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

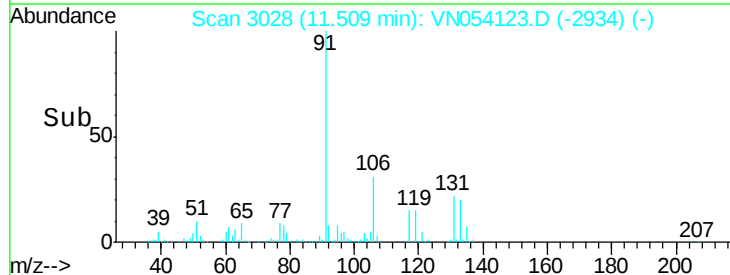
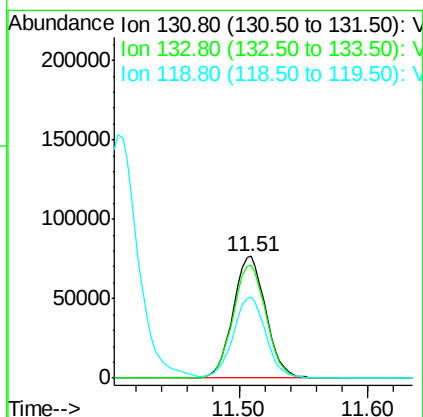
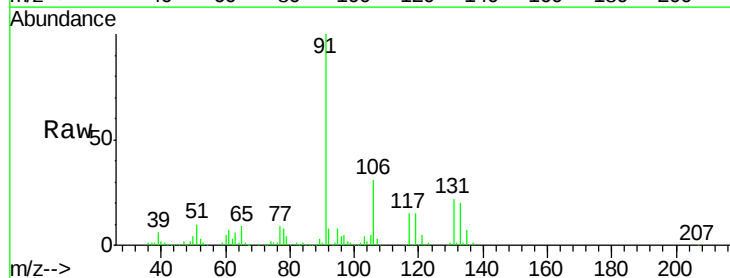
Instrument :
MSVOA_N
ClientSampled :
VN0306WBSD01

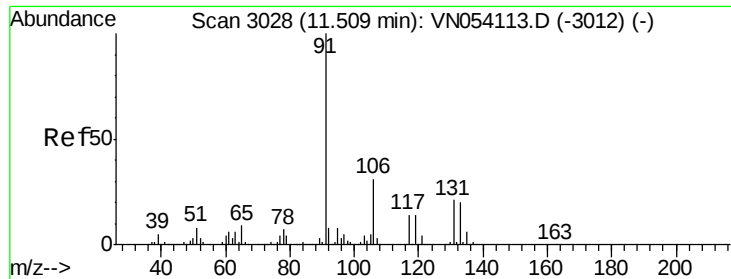
Tgt Ion:112 Resp: 361481
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.223 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

Tgt Ion:131 Resp: 135555
Ion Ratio Lower Upper
131 100
133 93.4 47.6 142.9
119 65.8 33.8 101.3

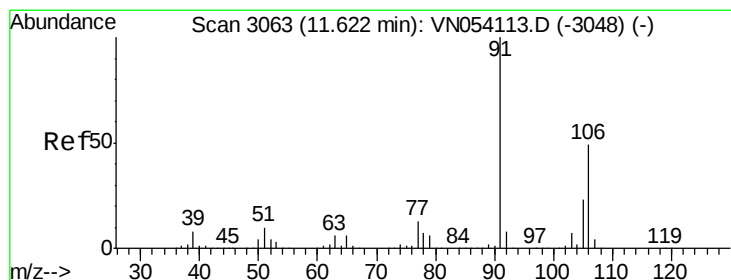
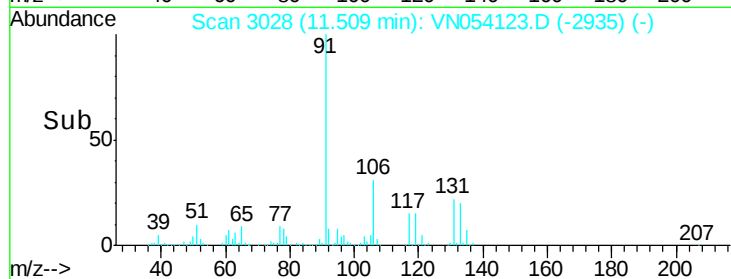
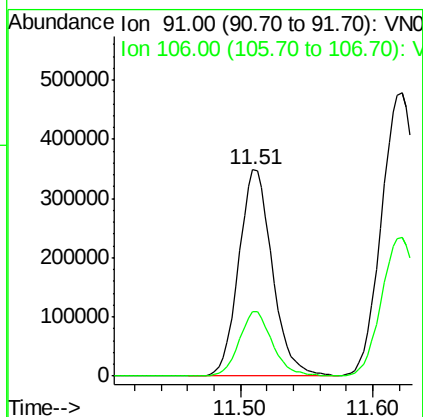
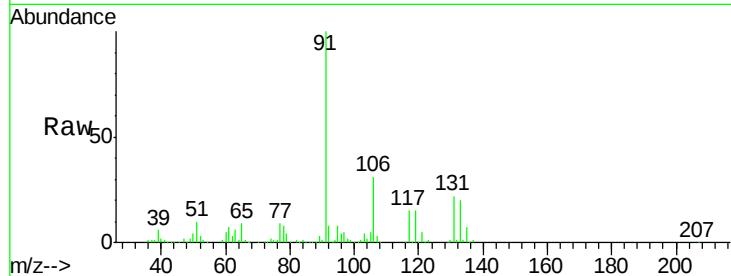




#67
Ethyl Benzene
Concen: 19.614 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

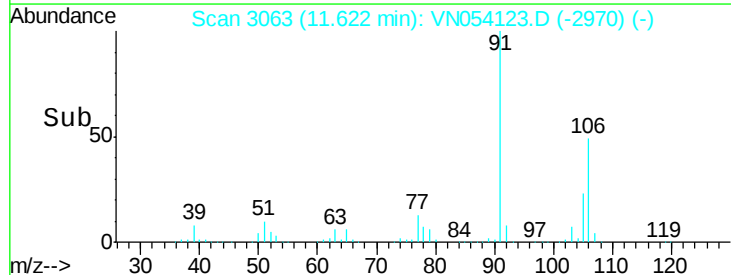
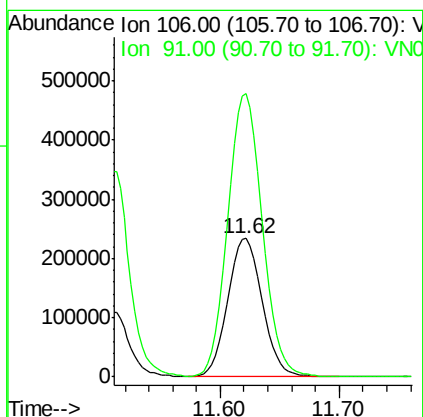
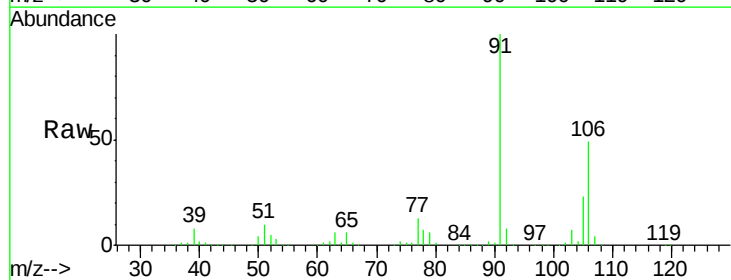
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

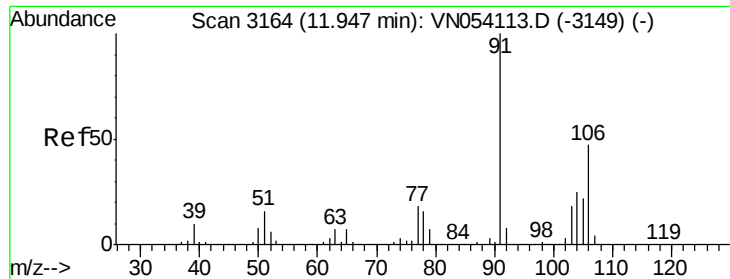
Tgt Ion: 91 Resp: 614586
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 39.818 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

Tgt Ion: 106 Resp: 470847
Ion Ratio Lower Upper
106 100
91 204.6 163.2 244.8

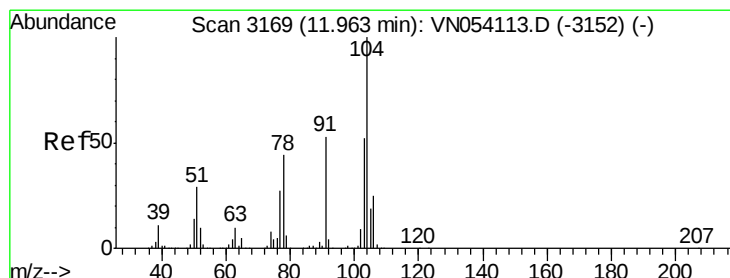
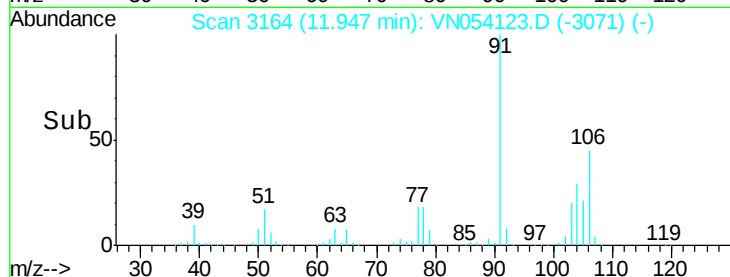
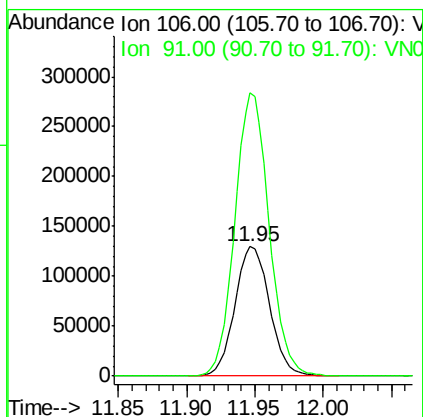
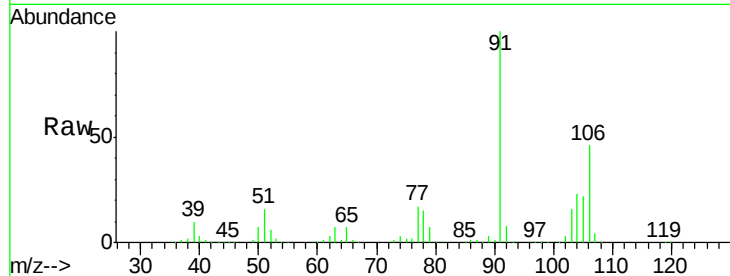




#69
o-Xylene
Concen: 20.202 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

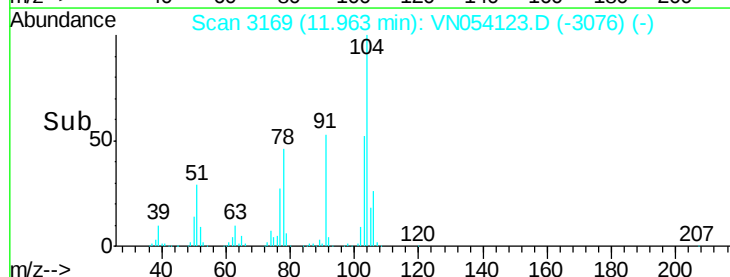
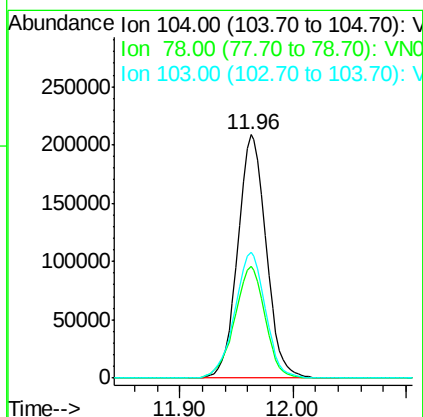
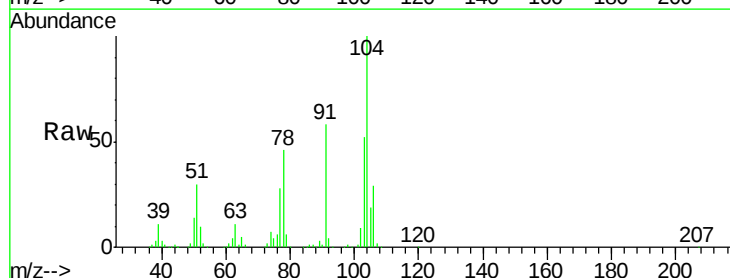
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

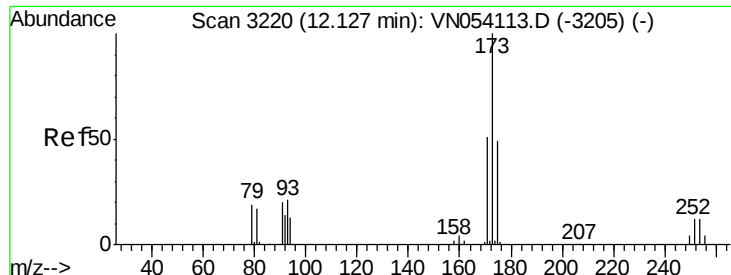
Tgt Ion:106 Resp: 229878
Ion Ratio Lower Upper
106 100
91 214.8 107.1 321.3



#70
Styrene
Concen: 20.177 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

Tgt Ion:104 Resp: 364448
Ion Ratio Lower Upper
104 100
78 49.5 39.4 59.0
103 56.1 44.7 67.1

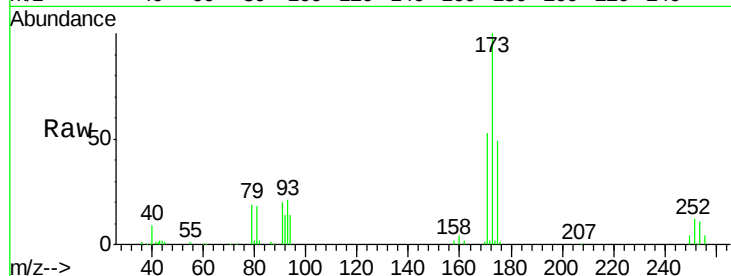




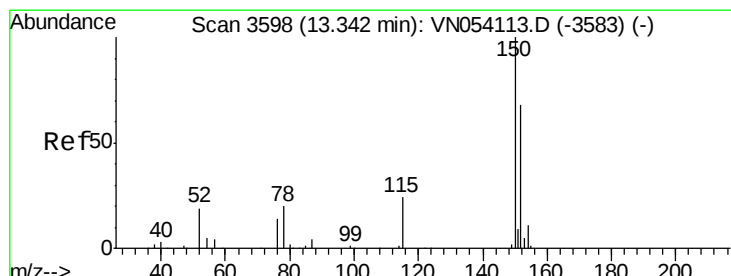
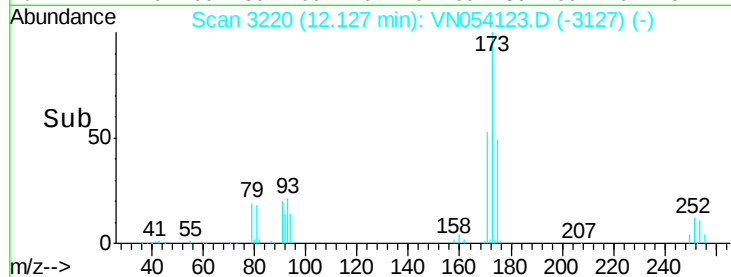
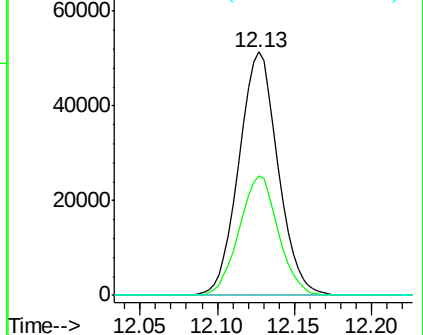
#71
Bromoform
Concen: 19.591 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

Tgt Ion:173 Resp: 90378
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.2
254 0.0 0.0 0.0

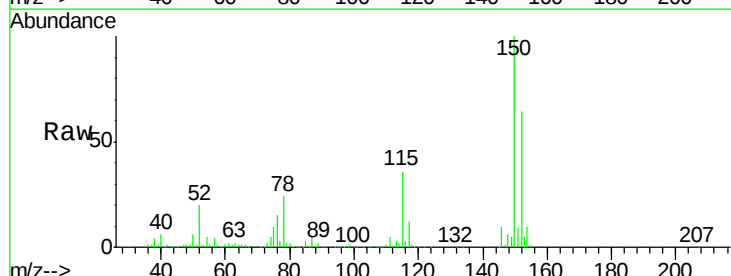


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

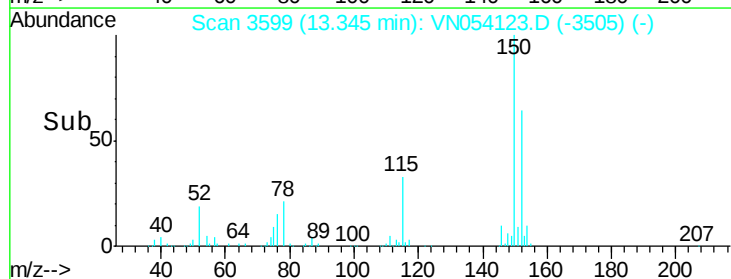
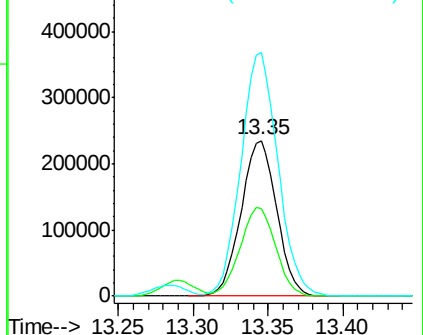


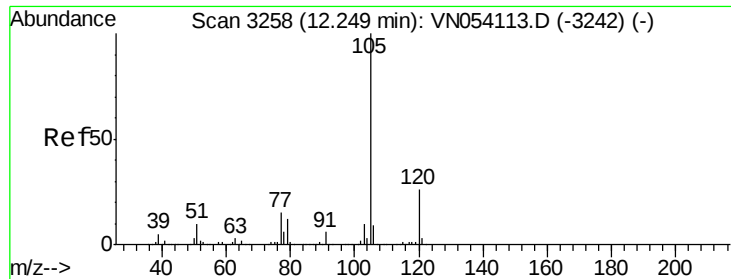
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054123.D
Acq: 6 Mar 2019 18:13

Tgt Ion:152 Resp: 389257
Ion Ratio Lower Upper
152 100
115 57.3 28.5 85.6
150 163.1 0.0 343.2



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: 19.588 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

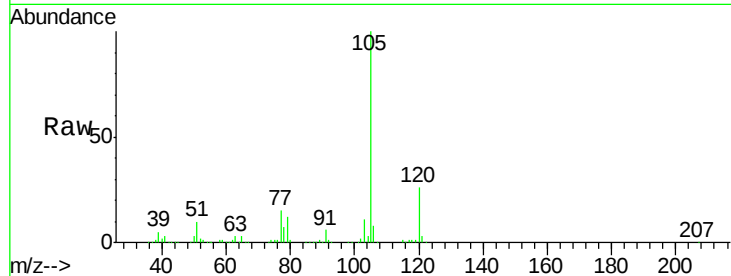
VN0306WBSD01

Tgt Ion:105 Resp: 606682

Ion Ratio Lower Upper

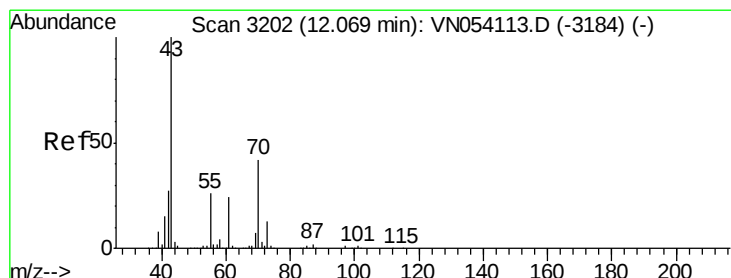
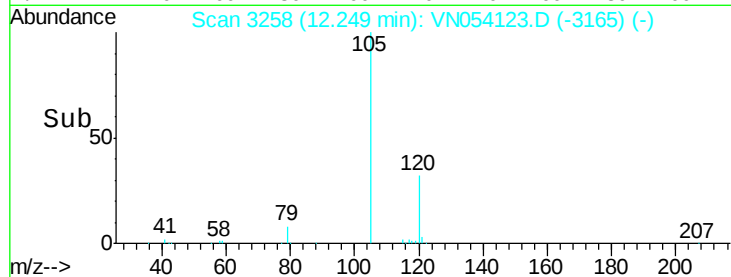
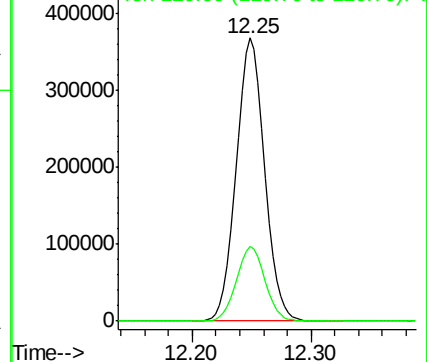
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.004 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Tgt Ion: 43 Resp: 164092

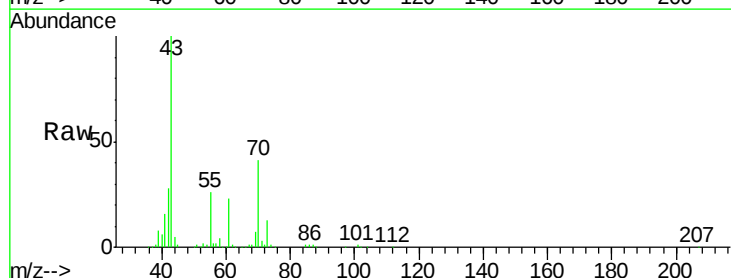
Ion Ratio Lower Upper

43 100

70 41.5 33.6 50.4

55 26.4 20.6 31.0

61 23.6 19.4 29.2

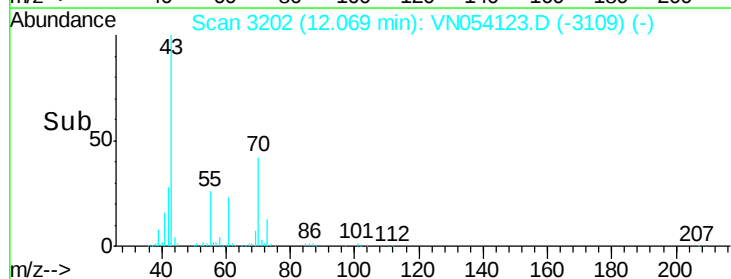
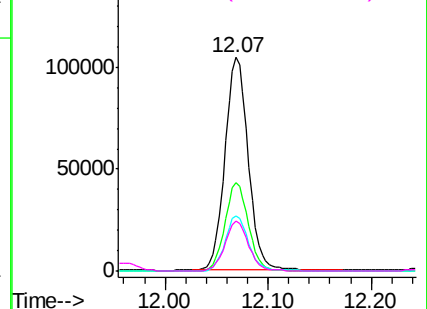


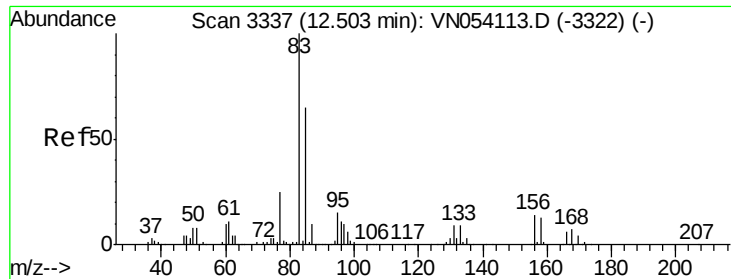
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.751 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

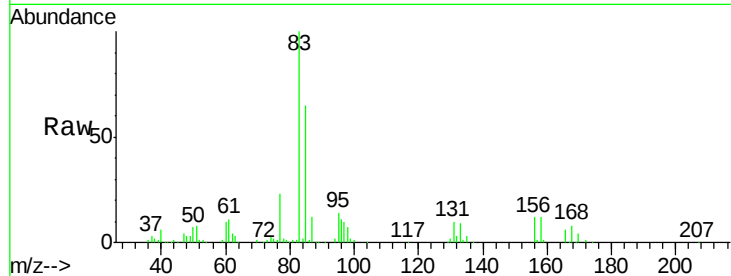
Tgt Ion: 83 Resp: 151017

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

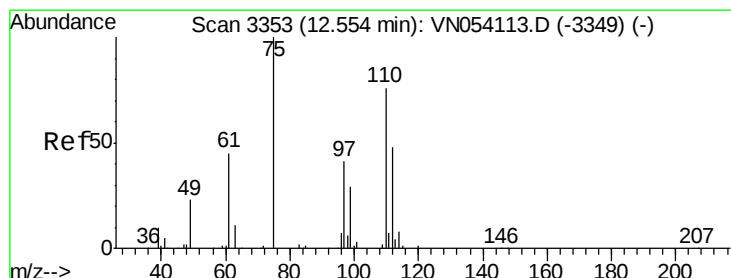
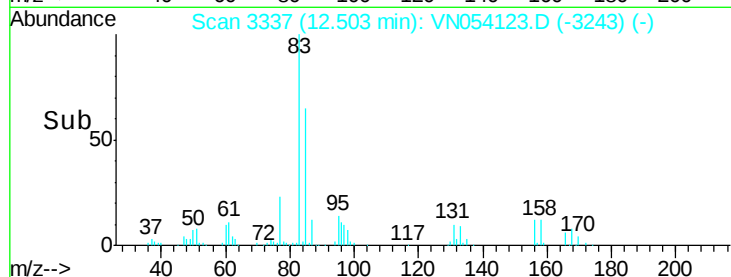
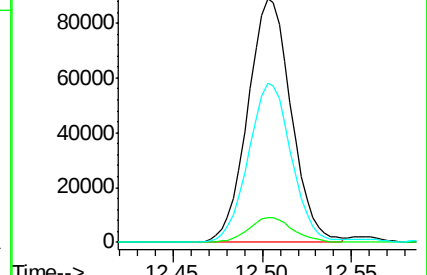
85 64.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.567 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN054123.D

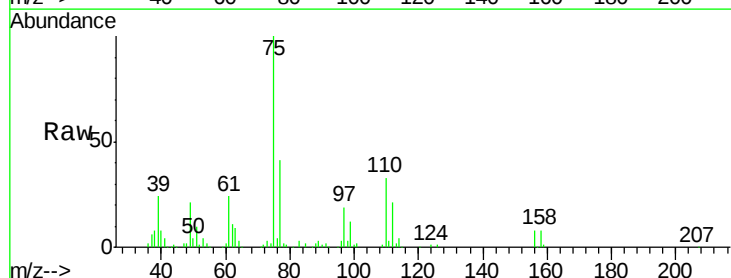
Acq: 6 Mar 2019 18:13

Tgt Ion: 75 Resp: 182873

Ion Ratio Lower Upper

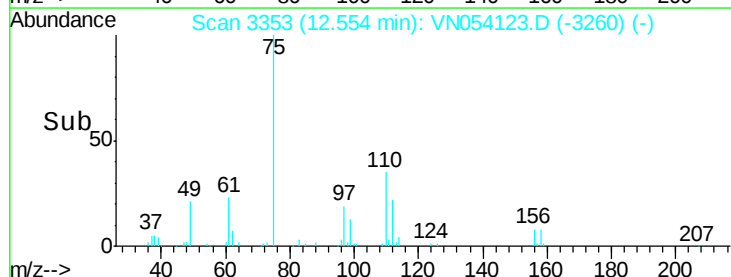
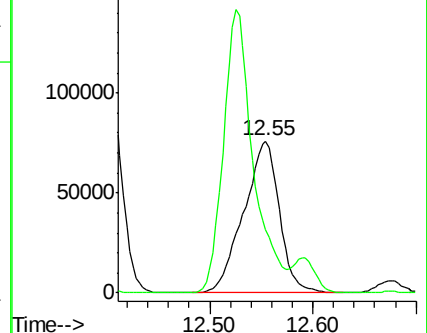
75 100

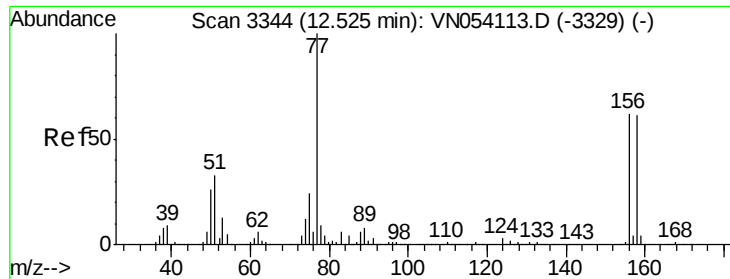
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.495 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

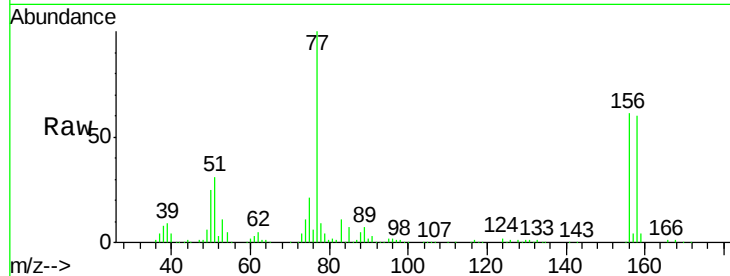
Tgt Ion:156 Resp: 150083

Ion Ratio Lower Upper

156 100

77 188.8 93.6 280.8

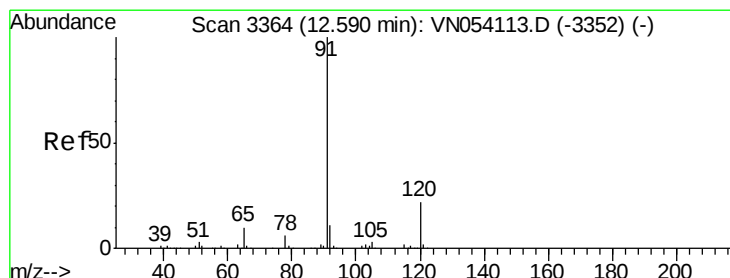
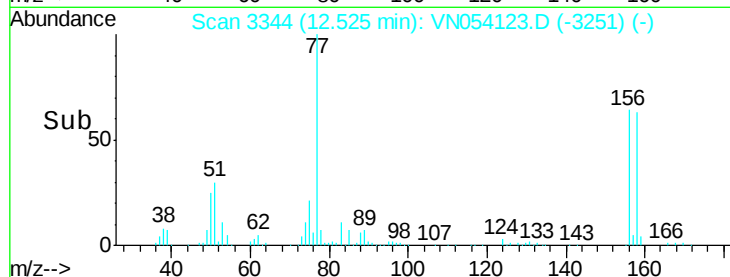
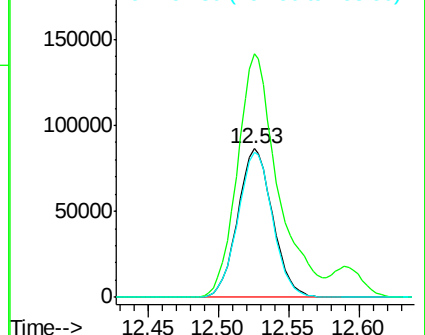
158 97.0 48.4 145.0



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: 19.811 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054123.D

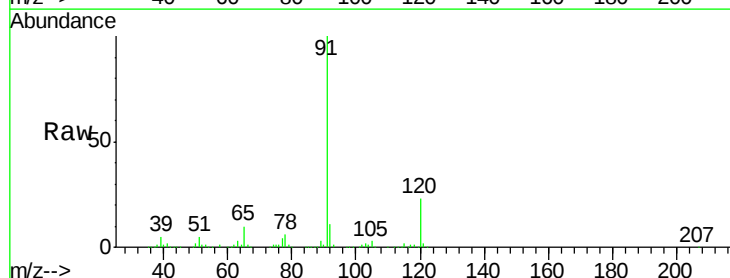
Acq: 6 Mar 2019 18:13

Tgt Ion: 91 Resp: 690457

Ion Ratio Lower Upper

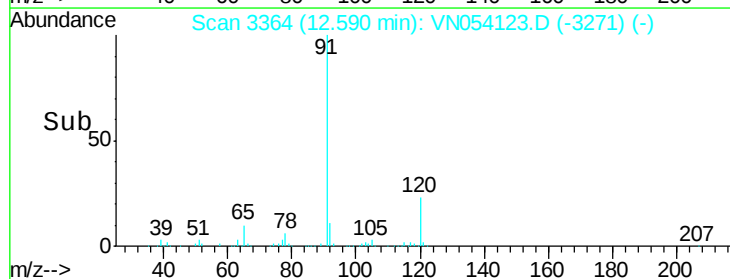
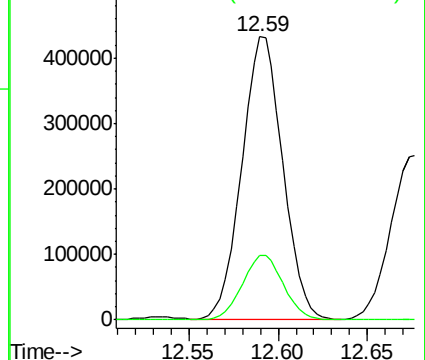
91 100

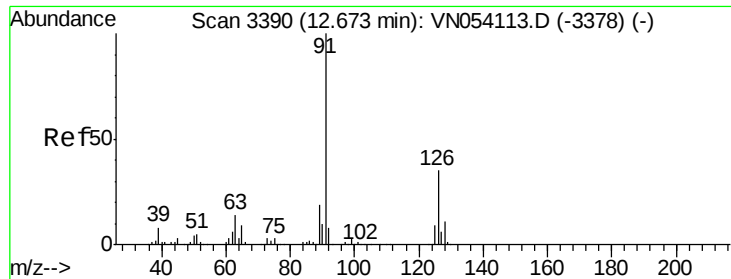
120 23.3 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.868 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

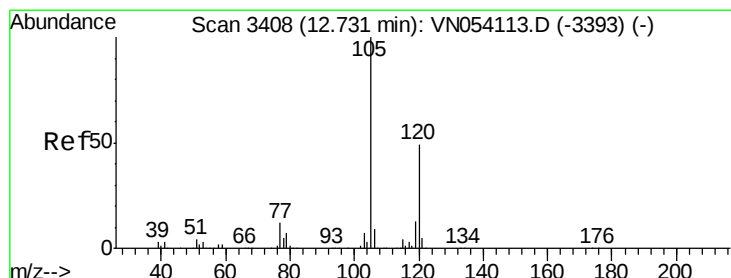
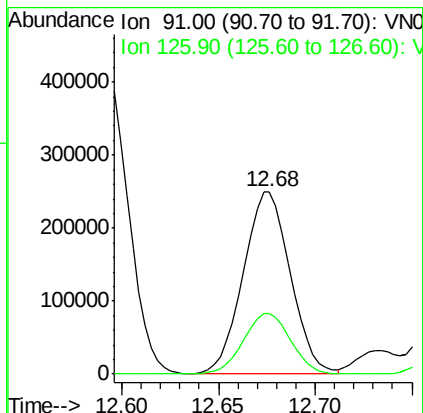
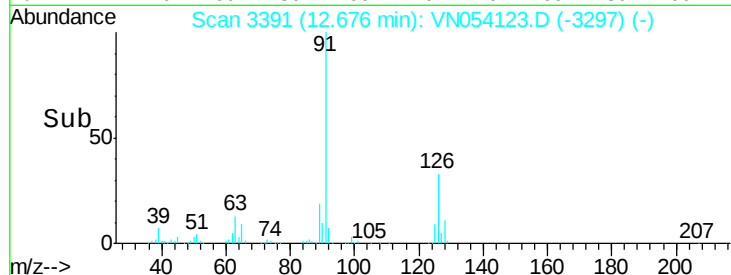
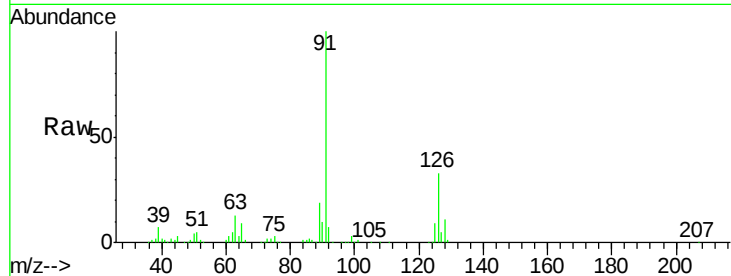
VN0306WBSD01

Tgt Ion: 91 Resp: 420551

Ion Ratio Lower Upper

91 100

126 33.7 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 20.048 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054123.D

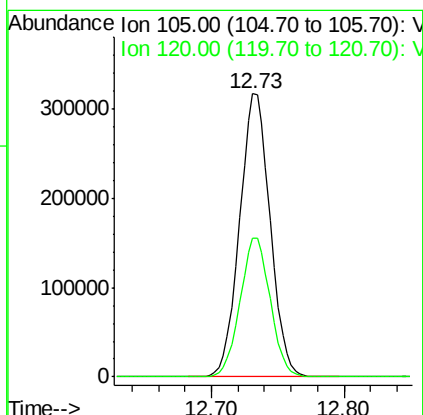
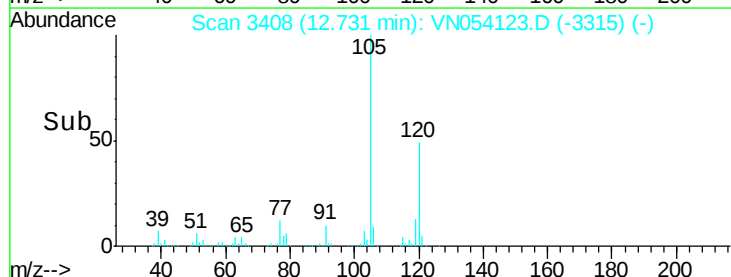
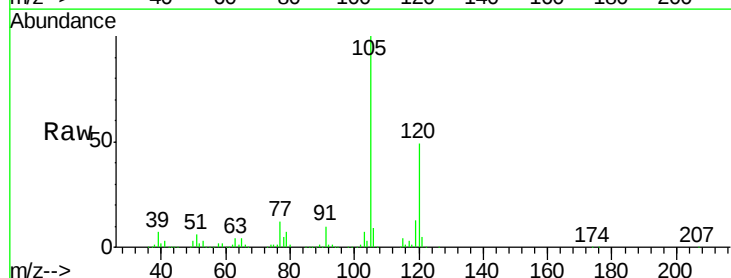
Acq: 6 Mar 2019 18:13

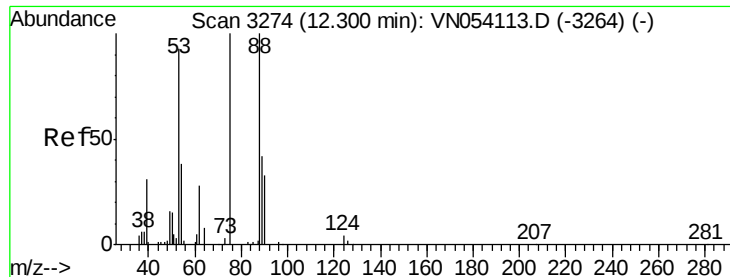
Tgt Ion: 105 Resp: 504766

Ion Ratio Lower Upper

105 100

120 48.7 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.287 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

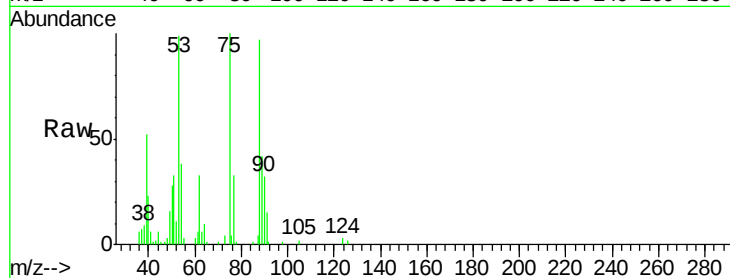
Tgt Ion: 75 Resp: 37256

Ion Ratio Lower Upper

75 100

53 98.2 76.4 114.6

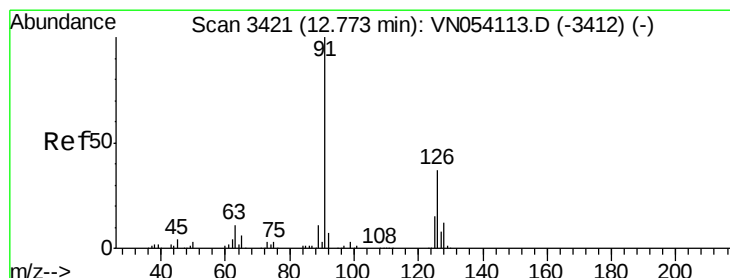
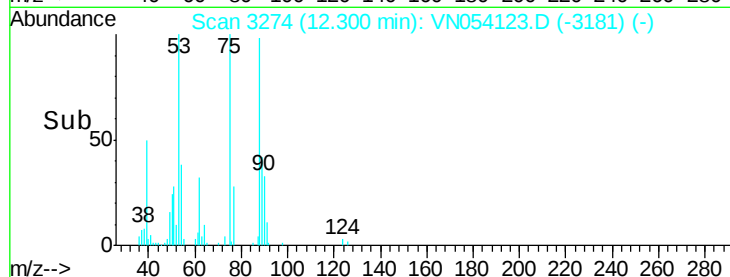
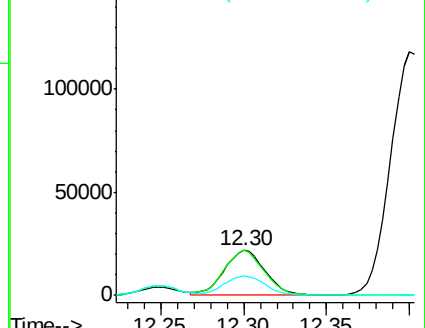
89 43.1 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 19.420 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054123.D

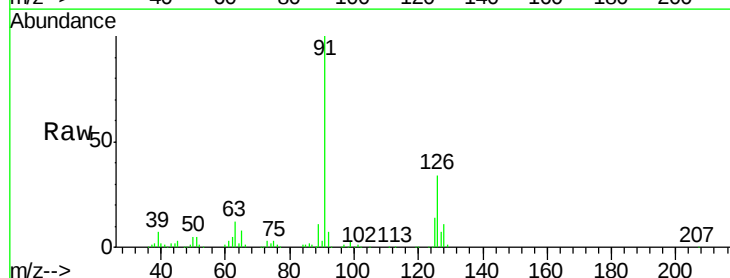
Acq: 6 Mar 2019 18:13

Tgt Ion: 91 Resp: 409777

Ion Ratio Lower Upper

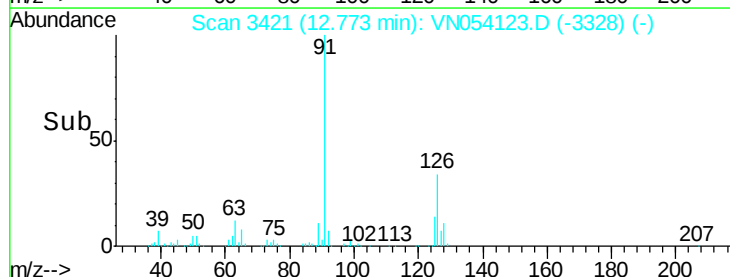
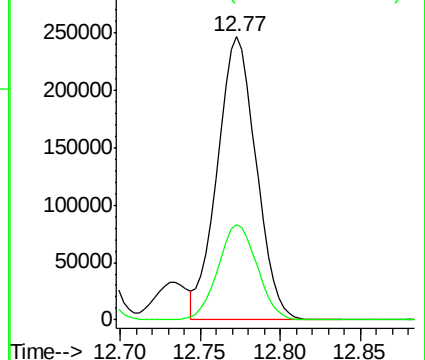
91 100

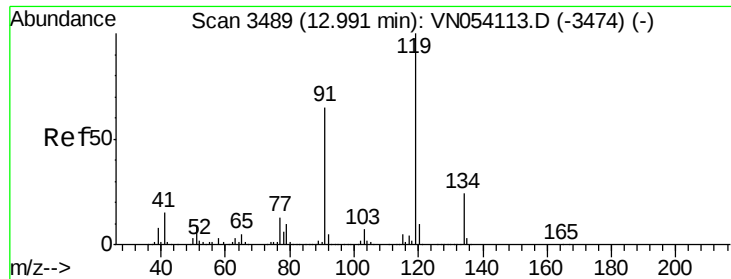
126 34.0 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): VNO

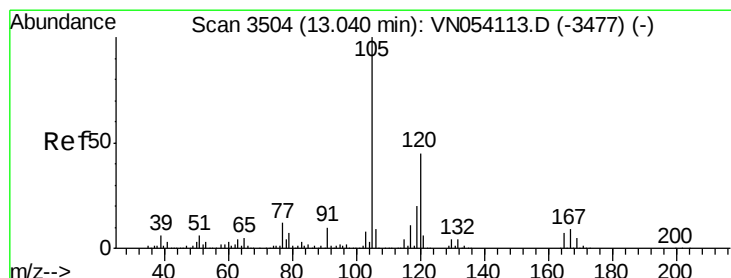
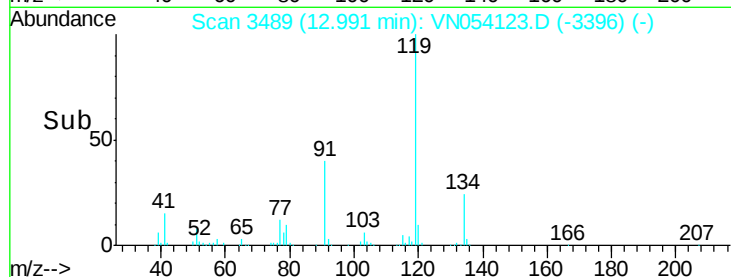
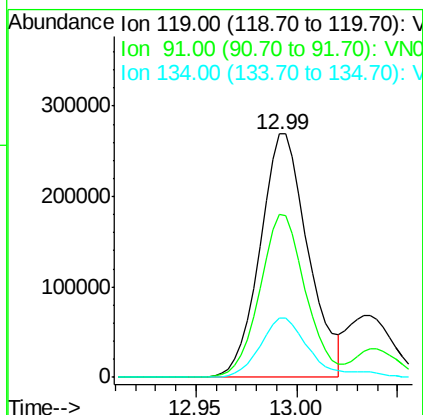
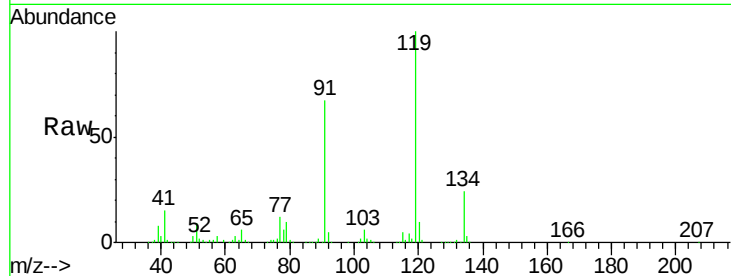




#83
 tert-Butylbenzene
 Concen: 20.040 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

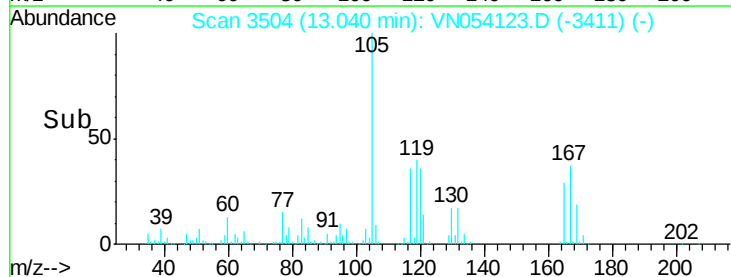
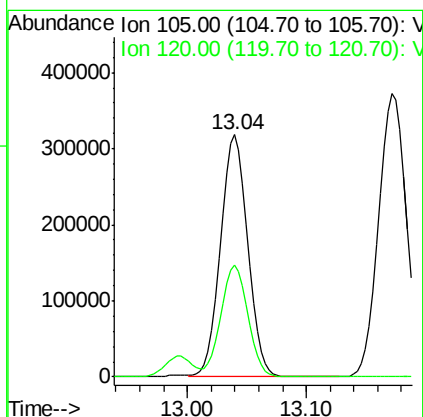
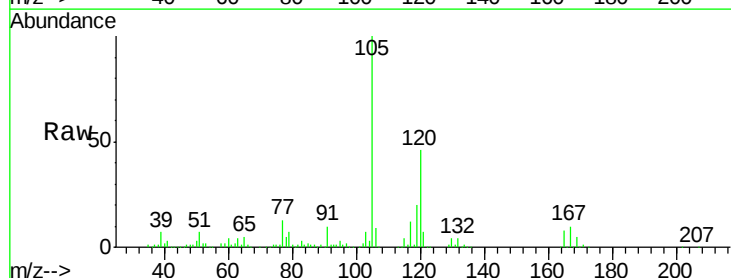
Instrument :
 MSVOA_N
 ClientSampled :
 VN0306WBSD01

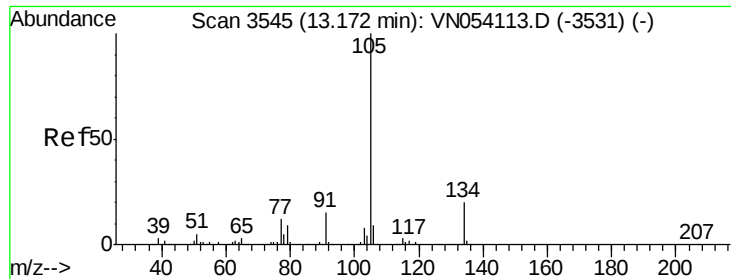
Tgt Ion:119 Resp: 446843
 Ion Ratio Lower Upper
 119 100
 91 64.2 31.8 95.3
 134 25.4 12.8 38.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.175 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Tgt Ion:105 Resp: 504151
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.6 67.7

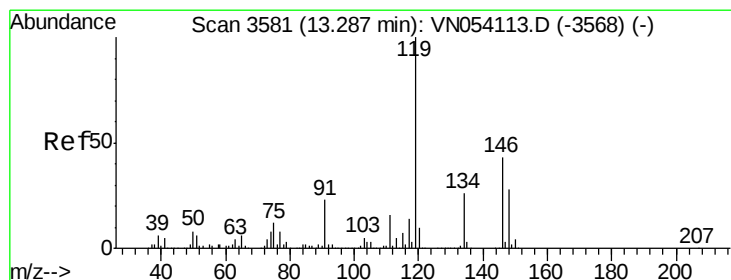
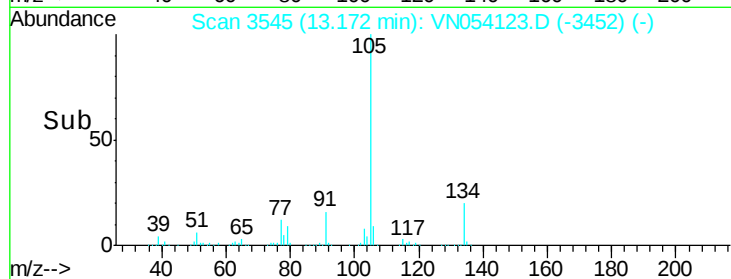
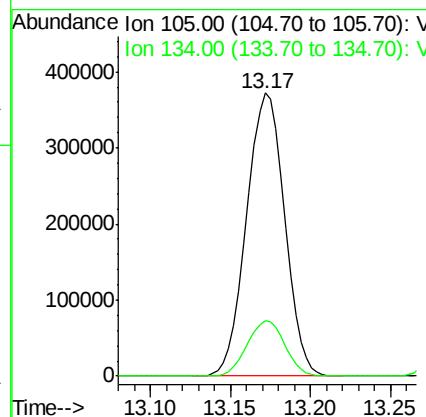
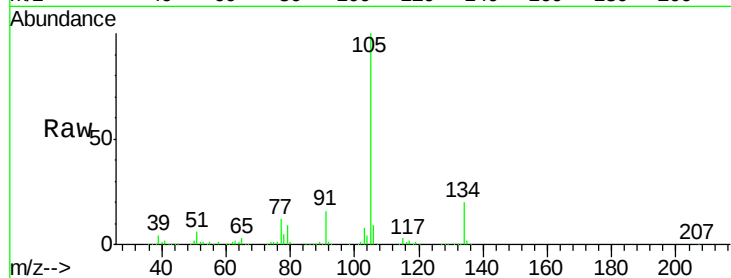




#85
 sec-Butylbenzene
 Concen: 19.973 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

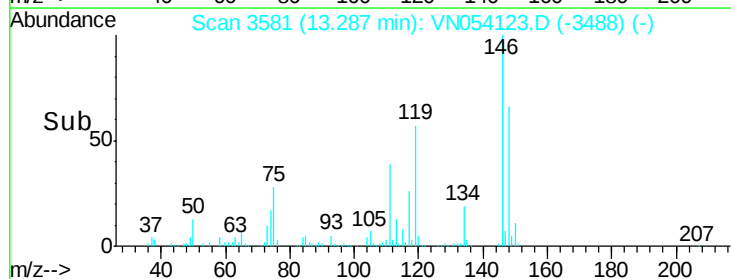
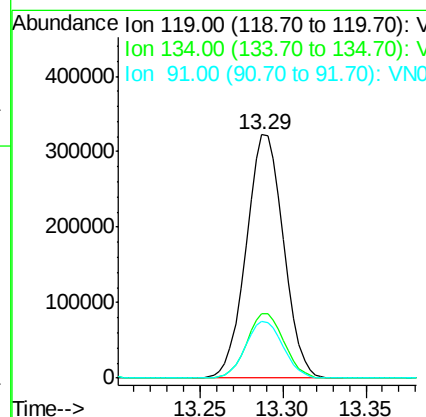
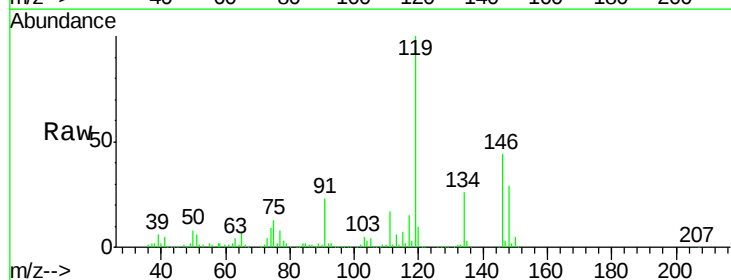
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01

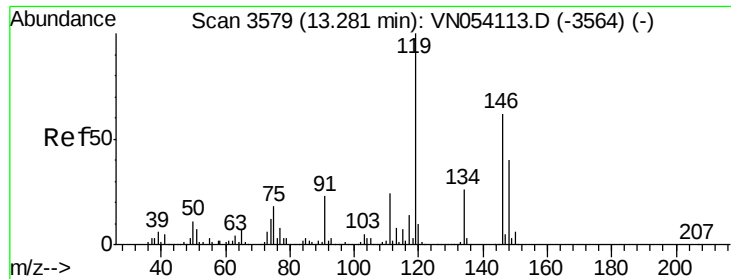
Tgt Ion:105 Resp: 604339
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.849 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Tgt Ion:119 Resp: 504912
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 23.5 11.4 34.2

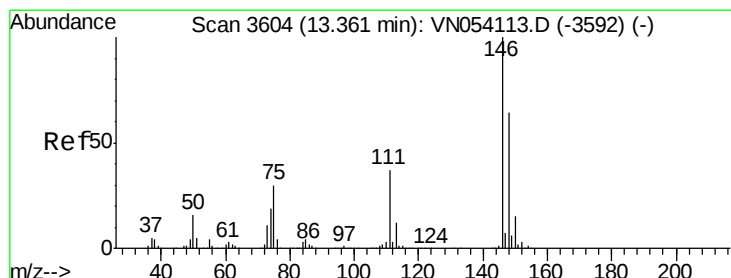
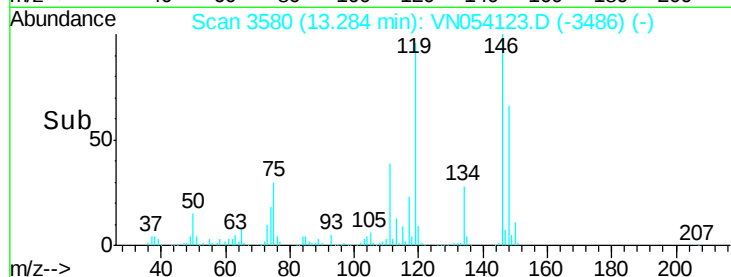
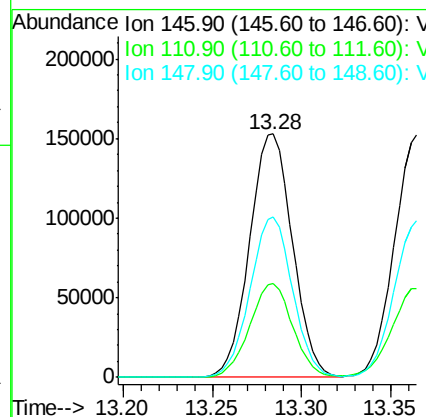
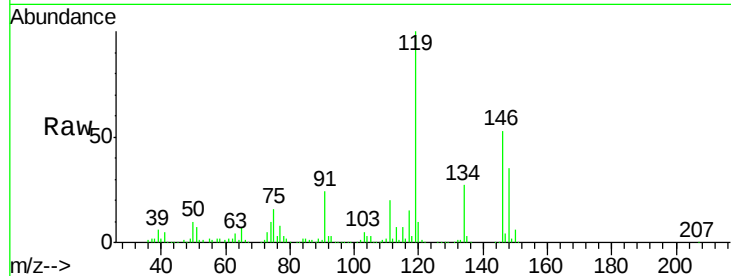




#87
 1,3-Dichlorobenzene
 Concen: 18.947 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

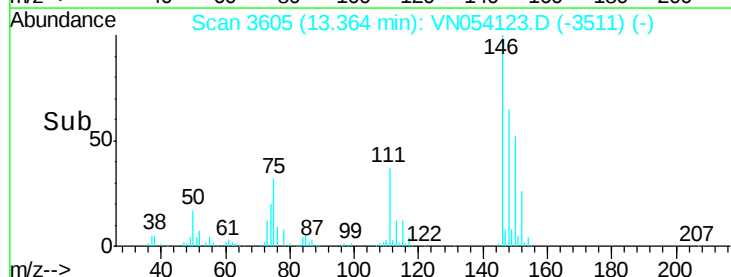
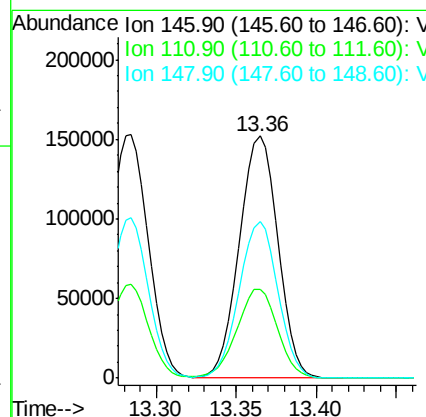
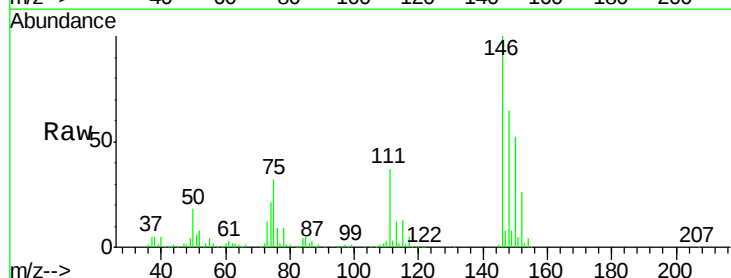
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01

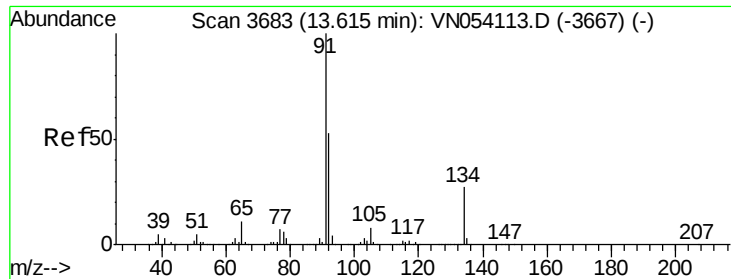
Tgt Ion:146 Resp: 256809
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.3 57.8
 148 65.2 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 18.628 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Tgt Ion:146 Resp: 250585
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.9 56.5
 148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 19.350 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

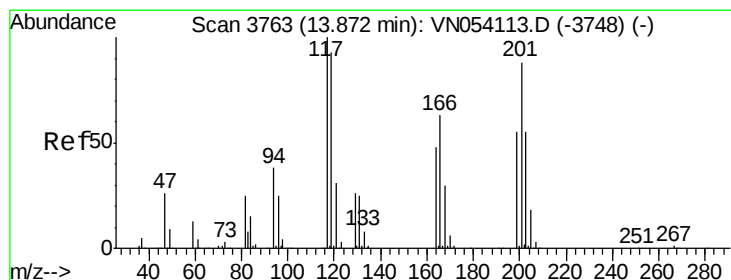
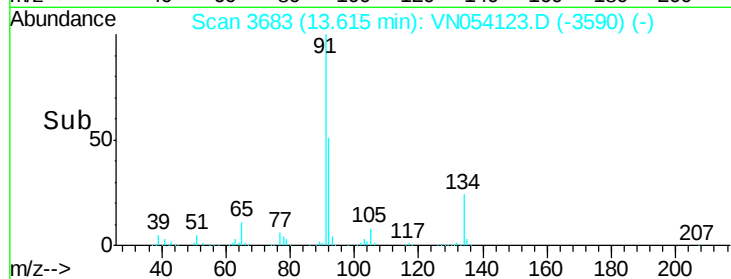
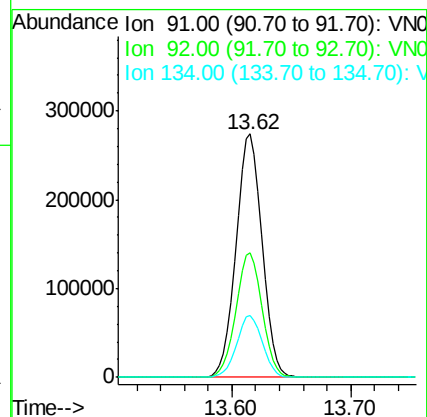
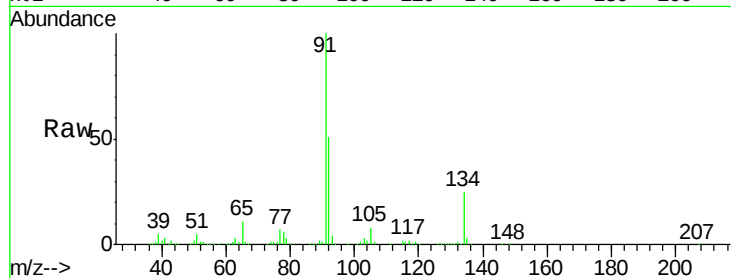
Tgt Ion: 91 Resp: 415580

Ion Ratio Lower Upper

91 100

92 51.4 26.0 78.0

134 25.2 13.1 39.1



#90

Hexachloroethane

Concen: 18.602 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN054123.D

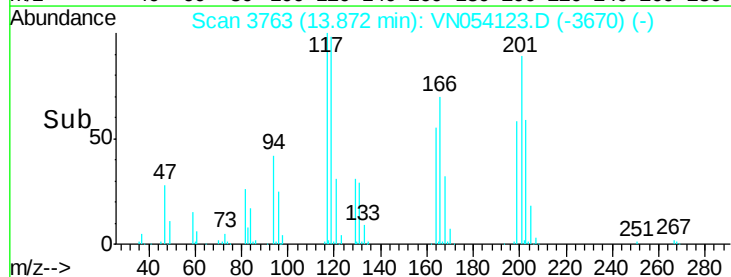
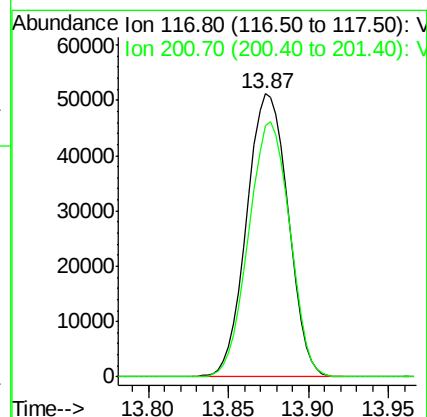
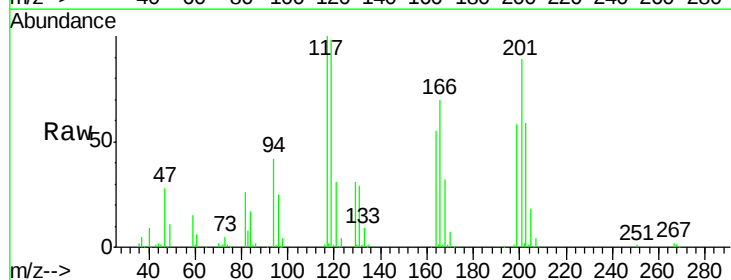
Acq: 6 Mar 2019 18:13

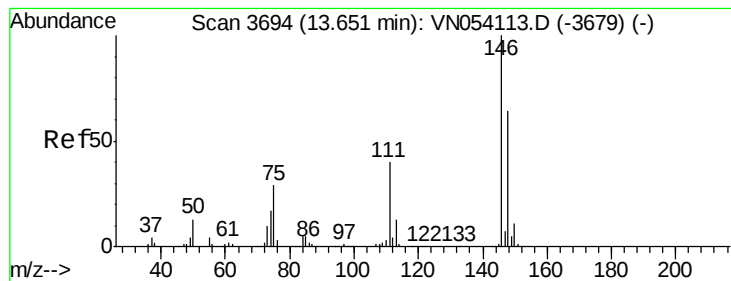
Tgt Ion: 117 Resp: 90759

Ion Ratio Lower Upper

117 100

201 89.5 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 20.424 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

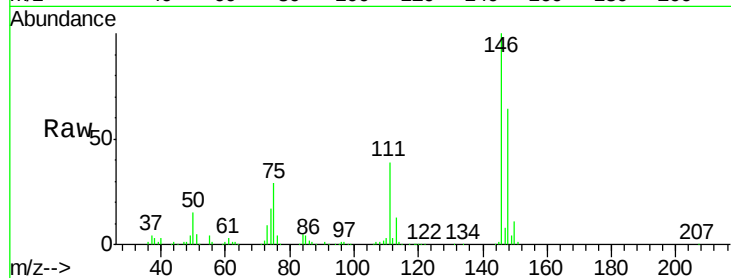
Tgt Ion:146 Resp: 257285

Ion Ratio Lower Upper

146 100

111 40.0 20.0 60.0

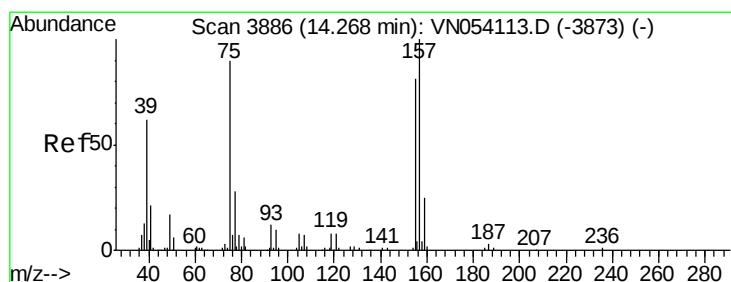
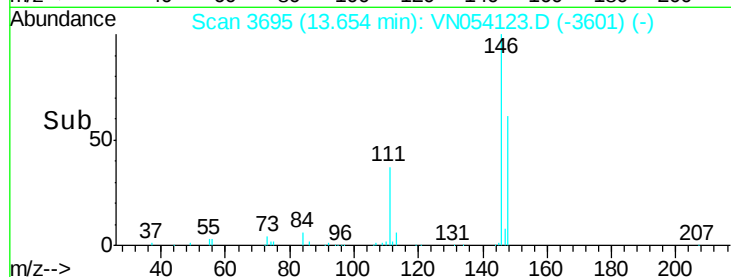
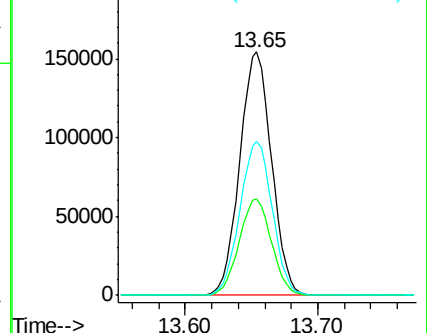
148 64.2 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.542 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

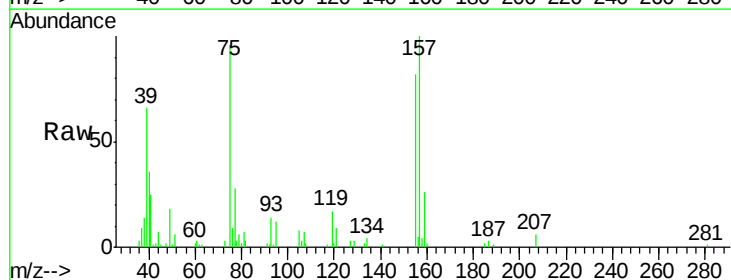
Tgt Ion: 75 Resp: 23214

Ion Ratio Lower Upper

75 100

155 85.8 44.5 133.5

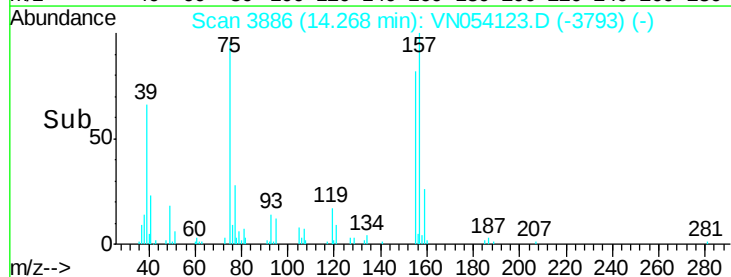
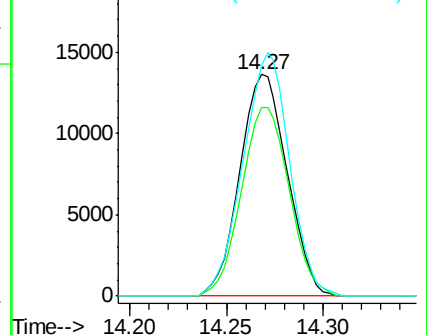
157 107.9 57.2 171.6

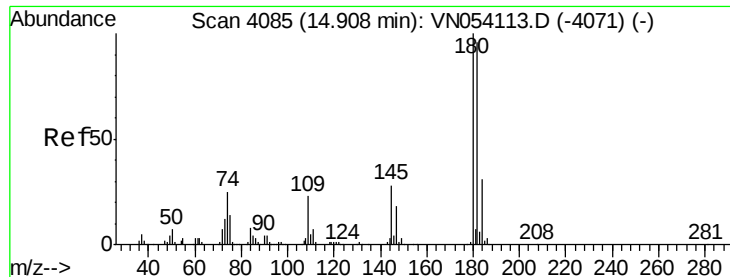


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

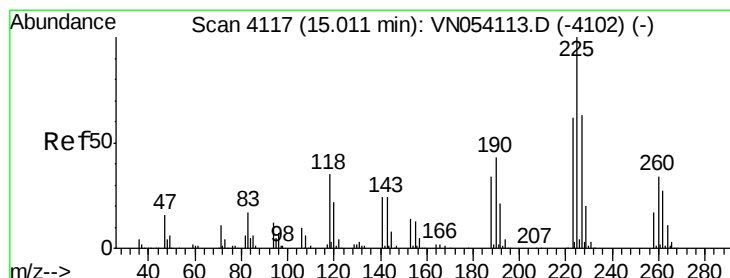
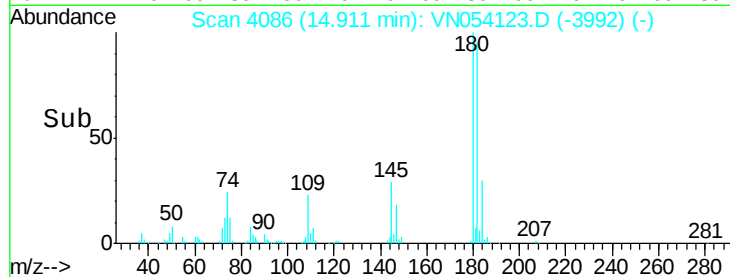
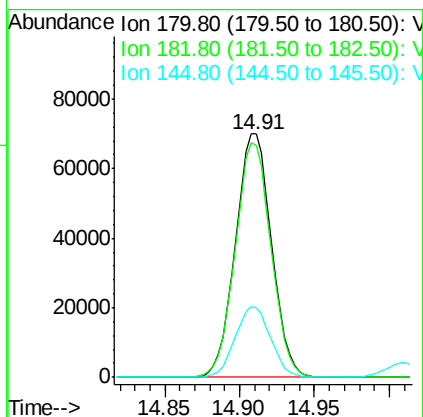
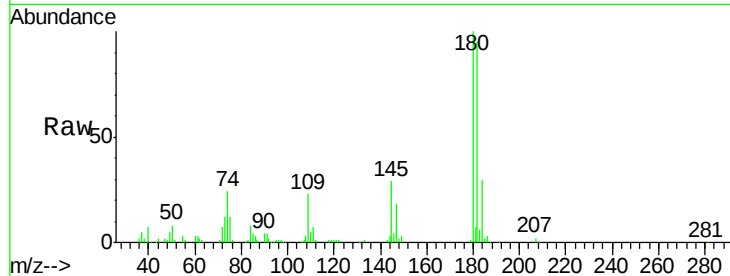




#93
 1,2,4-Trichlorobenzene
 Concen: 18.232 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

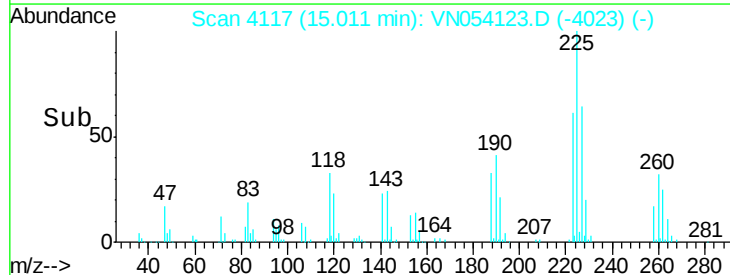
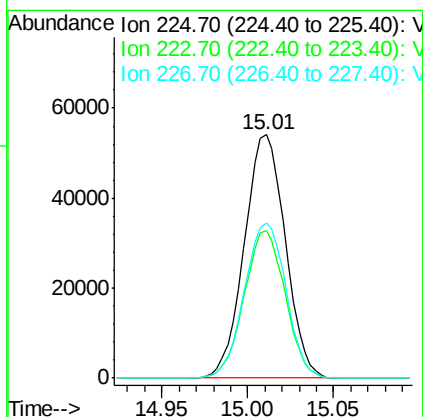
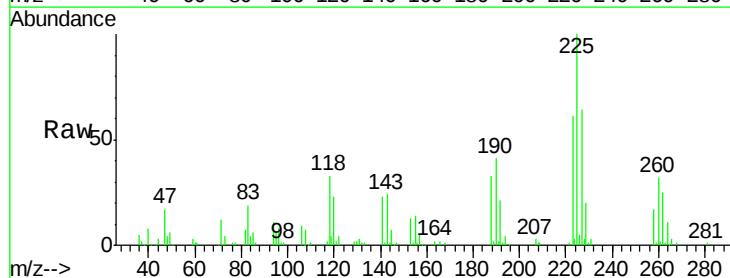
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01

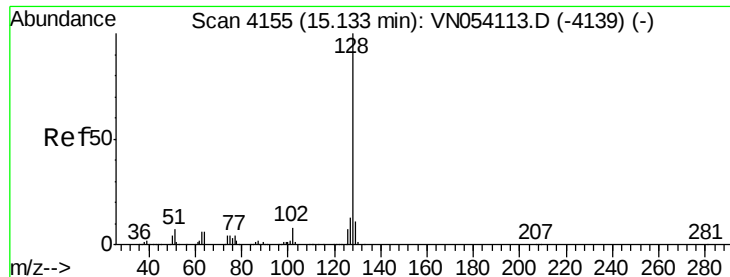
Tgt Ion:180 Resp: 117435
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.1 144.3
 145 28.5 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 20.777 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN054123.D
 Acq: 6 Mar 2019 18:13

Tgt Ion:225 Resp: 89597
 Ion Ratio Lower Upper
 225 100
 223 60.5 31.2 93.6
 227 64.5 31.9 95.7





#95

Naphthalene

Concen: 19.019 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

Instrument :

MSVOA_N

ClientSampled :

VN0306WBSD01

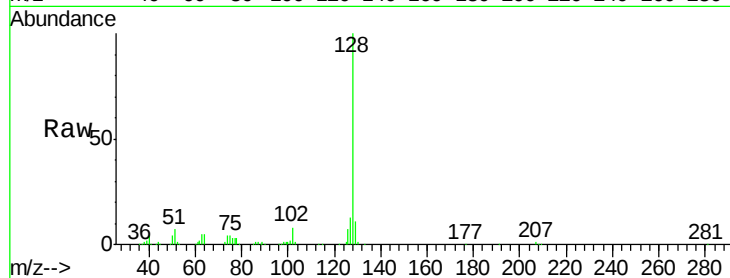
Tgt Ion:128 Resp: 232343

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

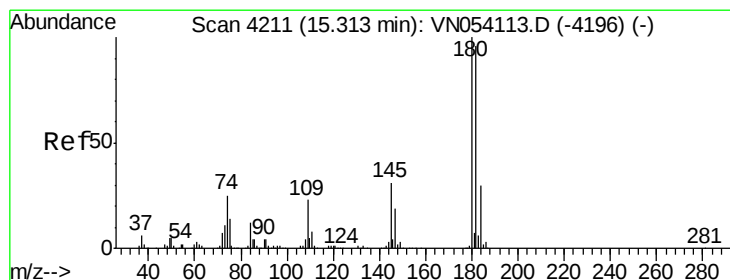
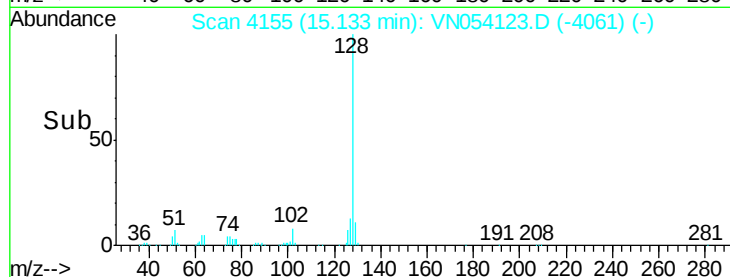
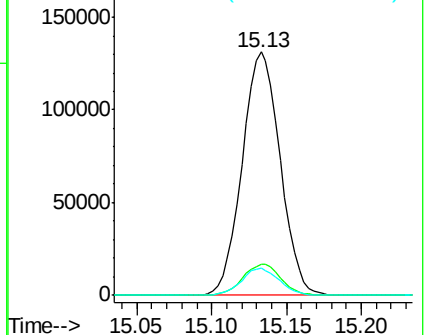
129 11.0 8.6 12.8



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: 19.828 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054123.D

Acq: 6 Mar 2019 18:13

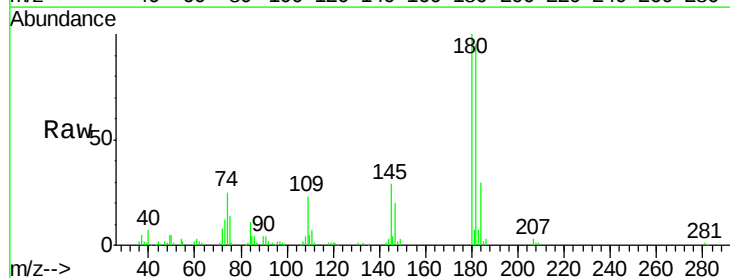
Tgt Ion:180 Resp: 118251

Ion Ratio Lower Upper

180 100

182 96.6 47.9 143.7

145 30.2 14.9 44.5



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

