

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030619\
 Data File : VN054130.D
 Acq On : 6 Mar 2019 21:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 07 06:42:57 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	697916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1110377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	968984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	430595	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	402888	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	7.59	113	351917	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.09	98	1336165	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.40	95	443508	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	298044	44.434	ug/l	97
3) Chloromethane	2.06	50	427094	50.902	ug/l	100
4) Vinyl Chloride	2.18	62	420639	46.286	ug/l	100
5) Bromomethane	2.57	94	243400	51.123	ug/l	98
6) Chloroethane	2.71	64	252899	45.912	ug/l	98
7) Trichlorofluoromethane	3.02	101	515837	46.460	ug/l	99
8) Diethyl Ether	3.41	74	209353	47.321	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	319072	44.174	ug/l	99
10) Methyl Iodide	3.95	142	452311	53.639	ug/l	100
11) Tert butyl alcohol	4.78	59	134261	263.295	ug/l	97
12) 1,1-Dichloroethene	3.74	96	314750	46.711	ug/l	100
13) Acrolein	3.60	56	158888	312.813	ug/l	98
14) Allyl chloride	4.32	41	596467	49.127	ug/l	99
15) Acrylonitrile	4.98	53	701065	243.574	ug/l	99
16) Acetone	3.81	43	484748	187.776	ug/l	99
17) Carbon Disulfide	4.05	76	951521	48.929	ug/l	100
18) Methyl Acetate	4.32	43	307511	50.671	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	946286	50.040	ug/l	99
20) Methylene Chloride	4.55	84	372158	50.931	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	341622	46.182	ug/l	99
22) Diisopropyl ether	5.95	45	1193409	50.448	ug/l	99
23) Vinyl Acetate	5.89	43	4310680	256.529	ug/l	100
24) 1,1-Dichloroethane	5.85	63	677981	47.902	ug/l	99
25) 2-Butanone	6.83	43	794859	231.420	ug/l	99
26) 2,2-Dichloropropane	6.82	77	456589	44.758	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	394274	47.798	ug/l	100
28) Bromochloromethane	7.19	49	351865	49.809	ug/l	98
29) Tetrahydrofuran	7.21	42	549810	244.222	ug/l	100
30) Chloroform	7.37	83	646694	47.686	ug/l	99
31) Cyclohexane	7.65	56	625325	49.711	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	537265	47.784	ug/l	99
36) 1,1-Dichloropropene	7.79	75	490634	47.076	ug/l	100
37) Ethyl Acetate	6.93	43	356559	47.545	ug/l	98
38) Carbon Tetrachloride	7.77	117	466886	46.925	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	572729	47.616	ug/l	99
40) Benzene	8.04	78	1511126	49.008	ug/l	100
41) Methacrylonitrile	7.17	41	196704	50.327	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	469989	48.118	ug/l	100
43) Isopropyl Acetate	8.16	43	620735	49.871	ug/l	99
44) Trichloroethene	8.83	130	388234	46.956	ug/l	96
45) 1,2-Dichloropropane	9.12	63	412383	48.487	ug/l	99
46) Dibromomethane	9.21	93	236544	48.721	ug/l	99
47) Bromodichloromethane	9.40	83	493533	48.561	ug/l	100
48) Methyl methacrylate	9.20	41	299808	52.278	ug/l	98
49) 1,4-Dioxane	9.20	88	77149	935.797	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1725148	259.279	ug/l	100
52) Toluene	10.16	92	901726	49.361	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	505937	50.471	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	595271	50.244	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	333889	48.537	ug/l	99
56) Ethyl methacrylate	10.43	69	438390	54.287	ug/l	99
57) 1,3-Dichloropropane	10.71	76	577269	49.183	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	970123	262.462	ug/l	99
59) 2-Hexanone	10.75	43	1084835	247.145	ug/l	98
60) Dibromochloromethane	10.90	129	365322	49.667	ug/l	100
61) 1,2-Dibromoethane	11.00	107	320931	49.031	ug/l	97
64) Tetrachloroethene	10.63	164	360195	45.295	ug/l	98
65) Chlorobenzene	11.43	112	962332	47.723	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	349804	48.460	ug/l	99
67) Ethyl Benzene	11.51	91	1657915	49.133	ug/l	99
68) m/p-Xylenes	11.62	106	1263594	99.231	ug/l	99
69) o-Xylene	11.95	106	615661	50.244	ug/l	99
70) Styrene	11.96	104	991743	50.987	ug/l	100
71) Bromoform	12.13	173	250814	50.486	ug/l #	100
73) Isopropylbenzene	12.25	105	1605120	46.849	ug/l	100
74) N-amyl acetate	12.07	43	490714	54.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	405019	51.315	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	504357	68.730	ug/l #	100
77) Bromobenzene	12.53	156	414147	52.459	ug/l	99
78) n-propylbenzene	12.59	91	1853320	48.072	ug/l	99
79) 2-Chlorotoluene	12.67	91	1108687	47.349	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1348757	48.427	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	107017	50.082	ug/l	99
82) 4-Chlorotoluene	12.77	91	1109258	47.522	ug/l	100
83) tert-Butylbenzene	12.99	119	1188084	48.169	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1351652	48.896	ug/l	98
85) sec-Butylbenzene	13.17	105	1580300	47.213	ug/l	99
86) p-Isopropyltoluene	13.29	119	1355632	48.176	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	700536	46.722	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	678712	45.611	ug/l	99
89) n-Butylbenzene	13.61	91	1152221	48.498	ug/l	99
90) Hexachloroethane	13.88	117	240651	44.589	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	688766	51.025	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	60477	48.378	ug/l	96

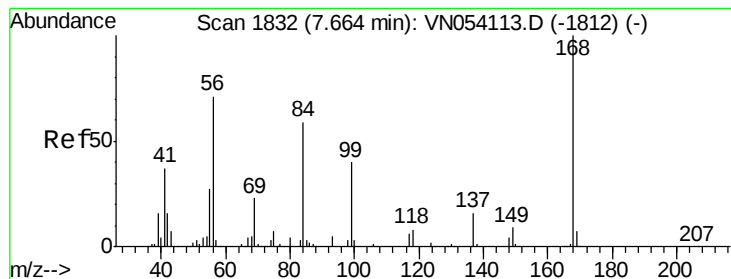
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	347724	48.803	ug/l	99
94) Hexachlorobutadiene	15.01	225	213150	48.082	ug/l	100
95) Naphthalene	15.13	128	817813	50.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	335250	47.034	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

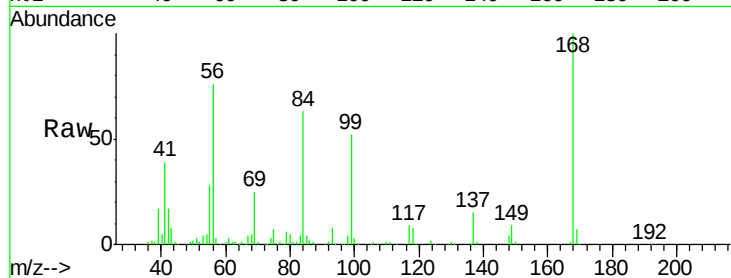
VSTDCCC050EC

Tgt Ion:168 Resp: 697916

Ion Ratio Lower Upper

168 100

99 51.3 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

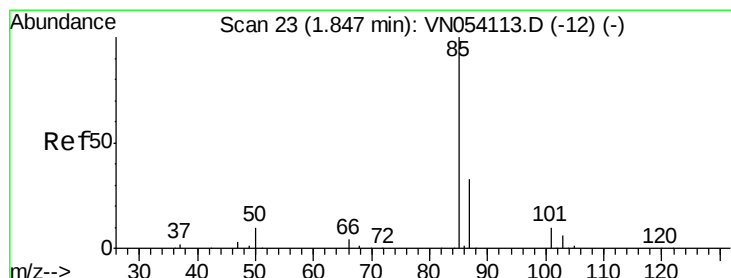
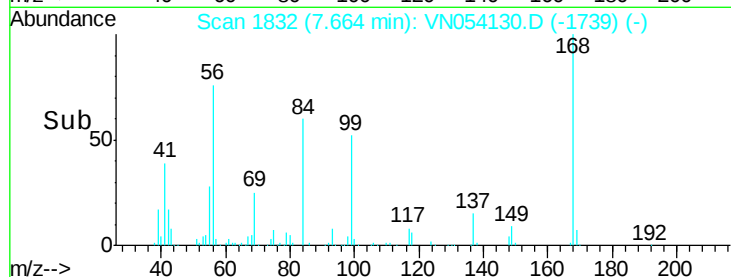
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 44.434 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN054130.D

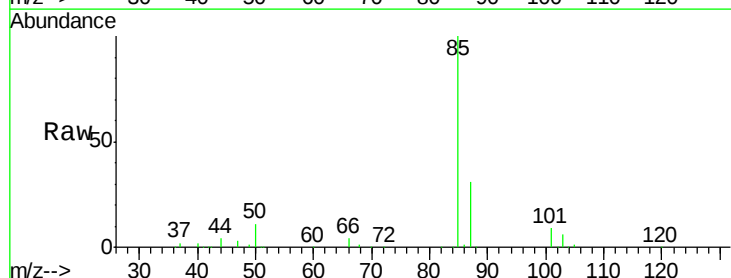
Acq: 6 Mar 2019 21:18

Tgt Ion: 85 Resp: 298044

Ion Ratio Lower Upper

85 100

87 30.9 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

250000

200000

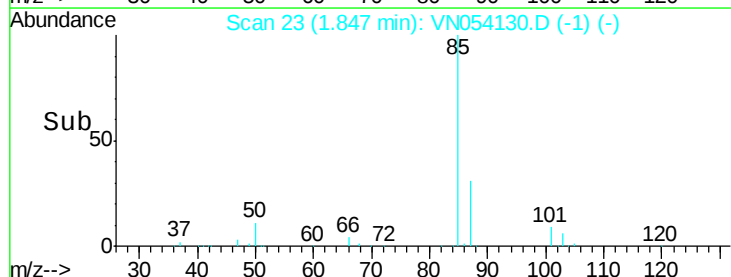
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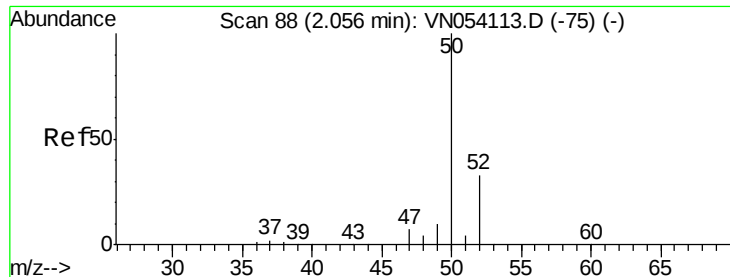
100000

50000

0

Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 50.902 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

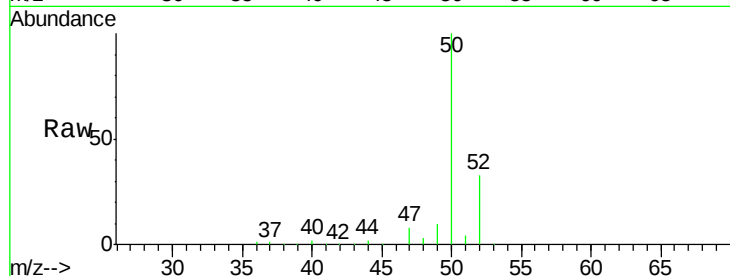
VSTDCCC050EC

Tgt Ion: 50 Resp: 427094

Ion Ratio Lower Upper

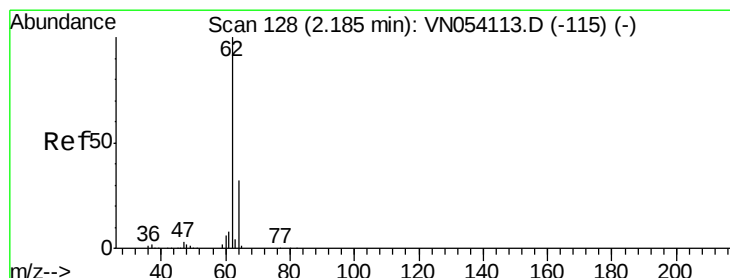
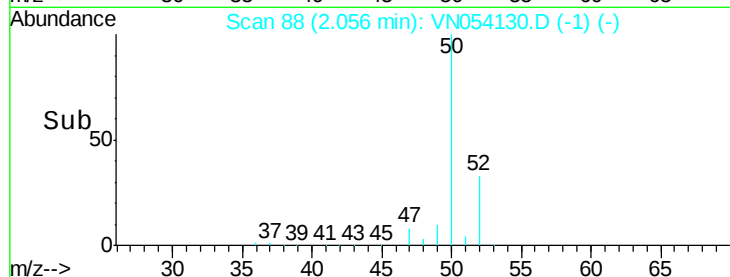
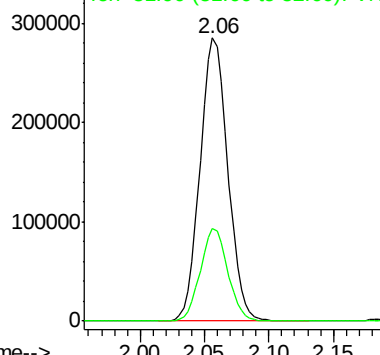
50 100

52 32.6 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: 46.286 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN054130.D

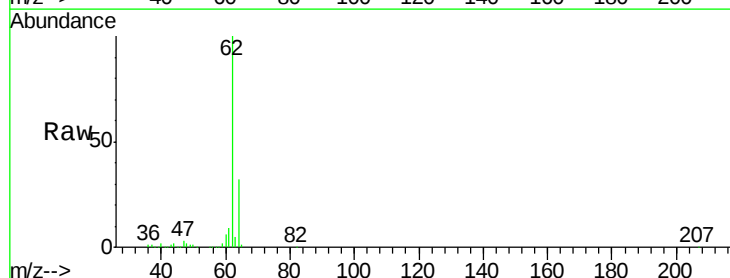
Acq: 6 Mar 2019 21:18

Tgt Ion: 62 Resp: 420639

Ion Ratio Lower Upper

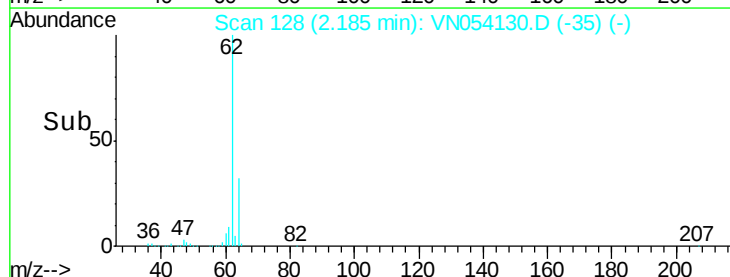
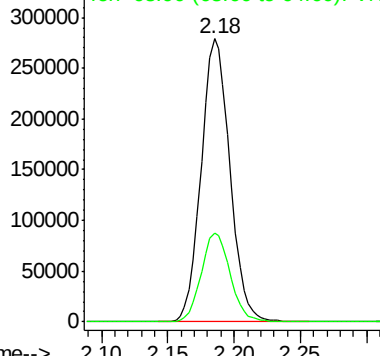
62 100

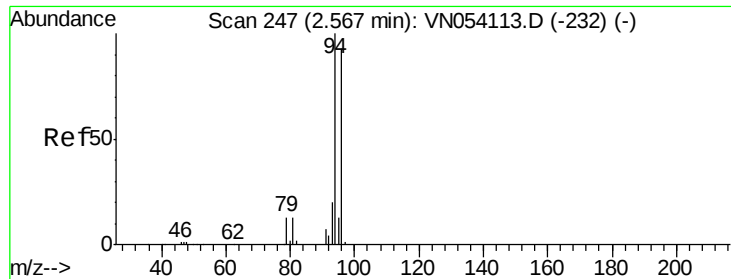
64 31.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 51.123 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN054130.D

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Instrument :

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ClientSampleId :

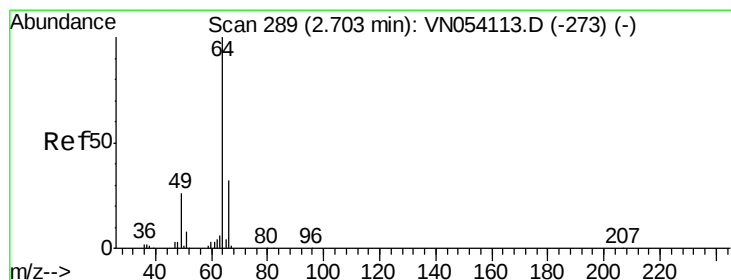
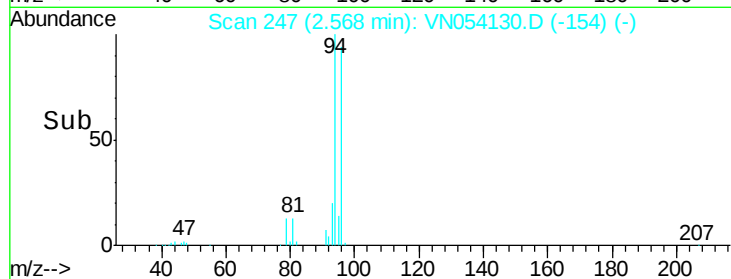
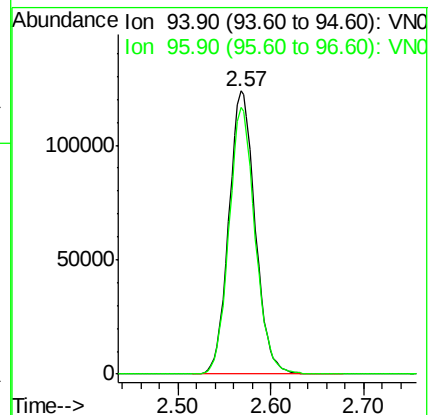
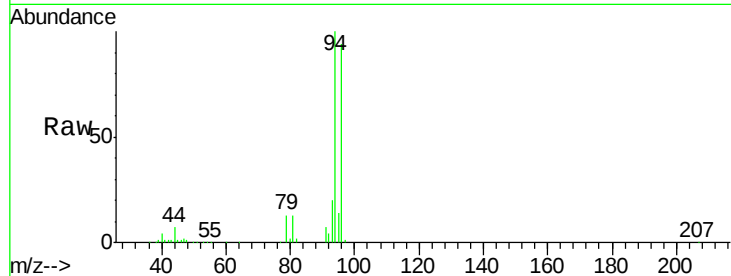
VSTDCCC050EC

Tgt Ion: 94 Resp: 243400

Ion Ratio Lower Upper

94 100

96 94.2 74.2 111.4



#6

Chloroethane

Concen: 45.912 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN054130.D

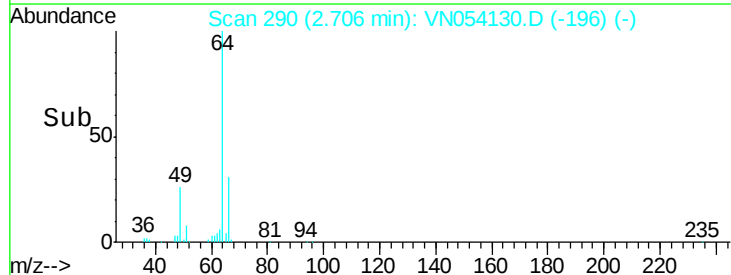
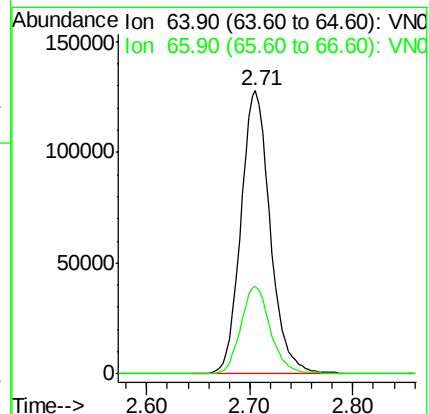
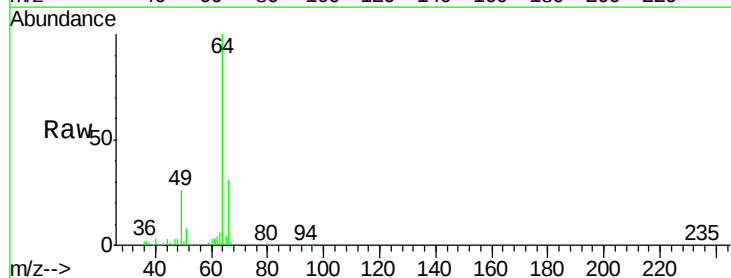
Acq: 6 Mar 2019 21:18

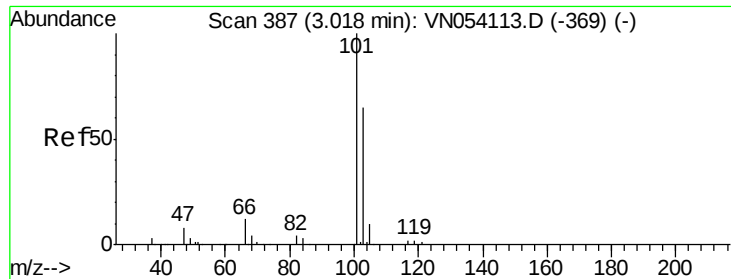
Tgt Ion: 64 Resp: 252899

Ion Ratio Lower Upper

64 100

66 30.9 25.4 38.2



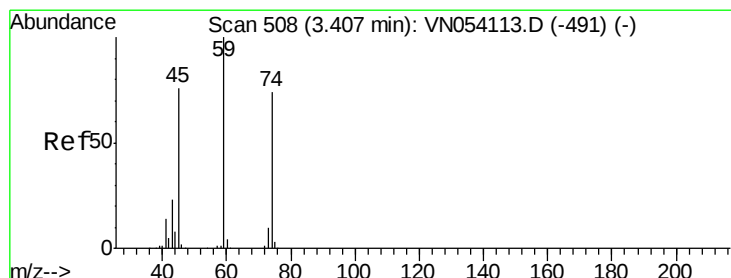
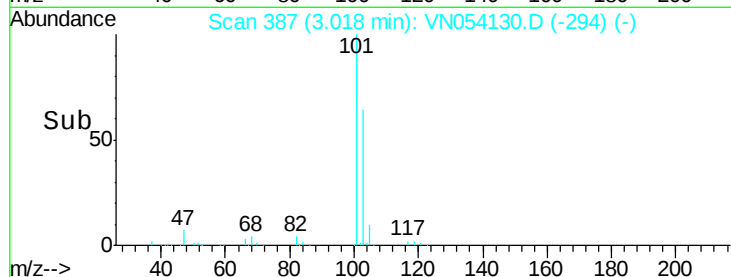
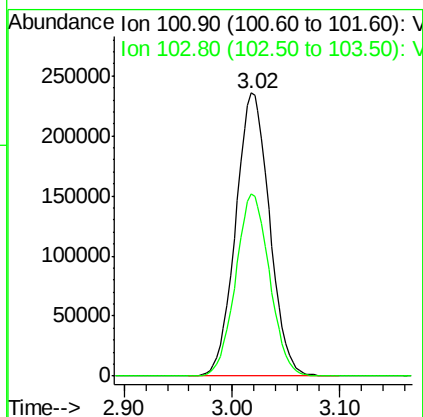
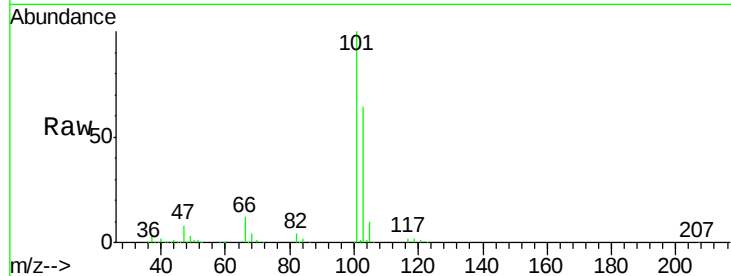


#7

Trichlorofluoromethane
 Concen: 46.460 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

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 VSTDCCC050EC

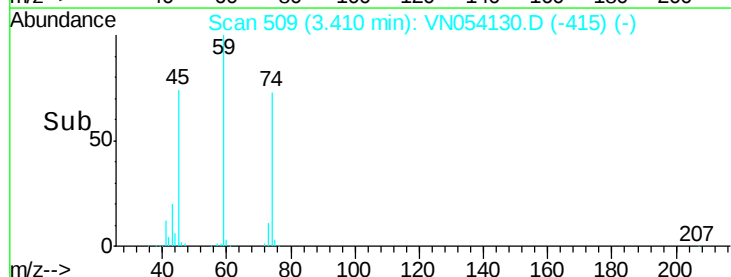
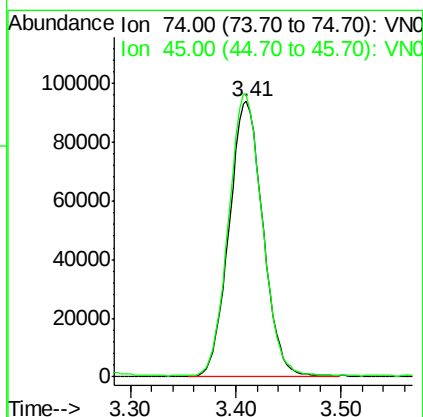
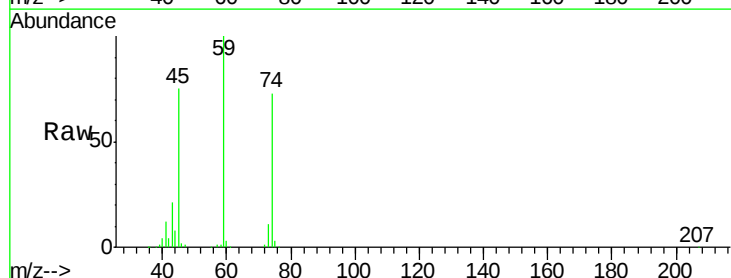
Tgt Ion:101 Resp: 515837
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.0 78.0

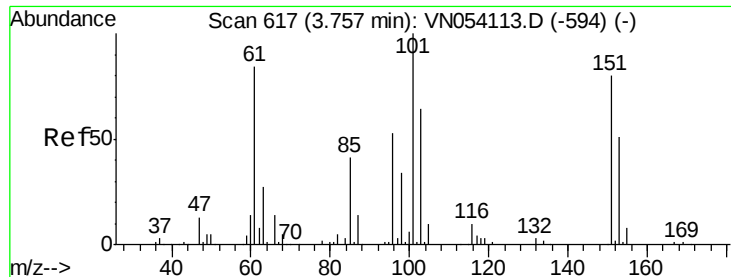


#8

Diethyl Ether
 Concen: 47.321 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Tgt Ion: 74 Resp: 209353
 Ion Ratio Lower Upper
 74 100
 45 101.7 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.174 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

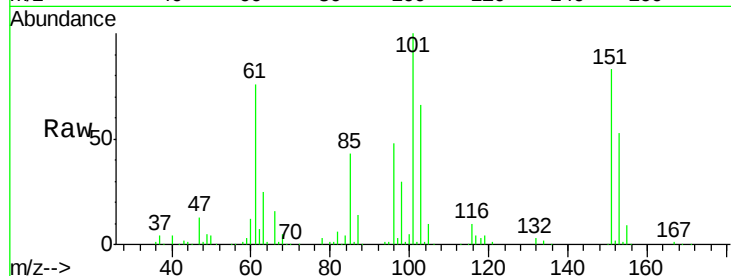
Tgt Ion:101 Resp: 319072

Ion Ratio Lower Upper

101 100

85 42.2 33.1 49.7

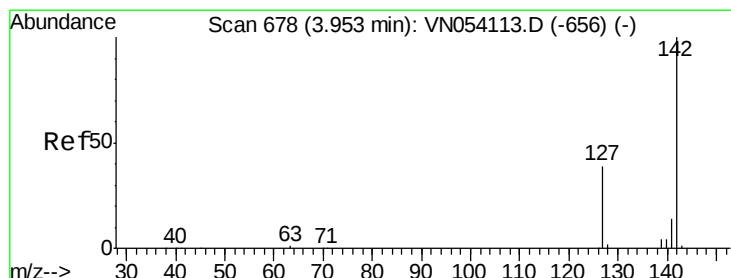
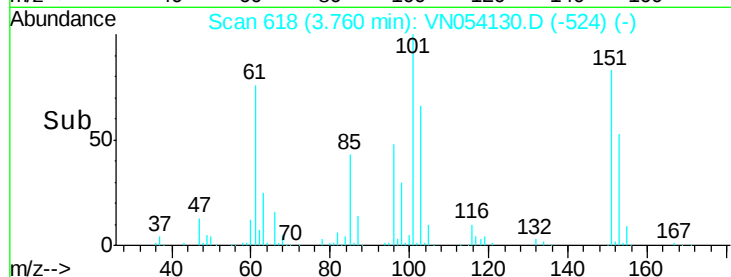
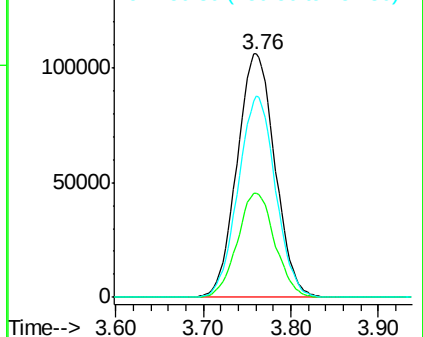
151 81.3 64.3 96.5



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: 53.639 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

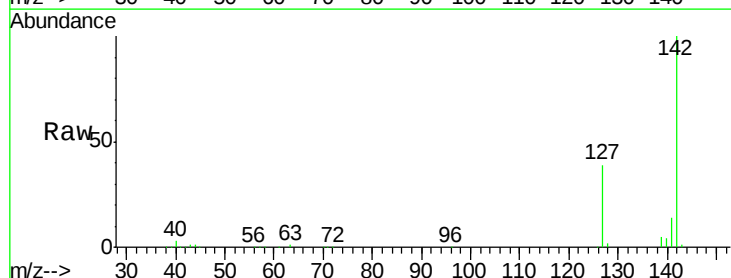
Tgt Ion:142 Resp: 452311

Ion Ratio Lower Upper

142 100

127 39.9 31.9 47.9

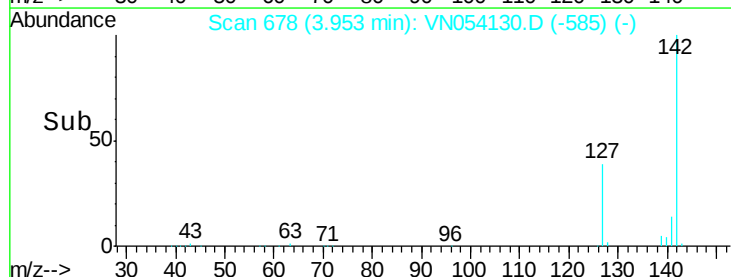
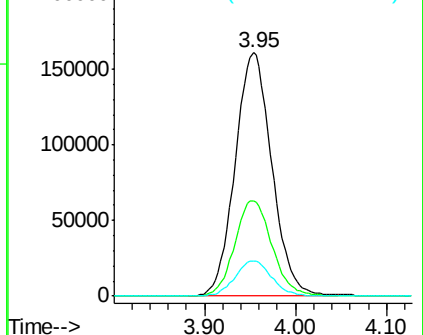
141 14.3 11.4 17.0

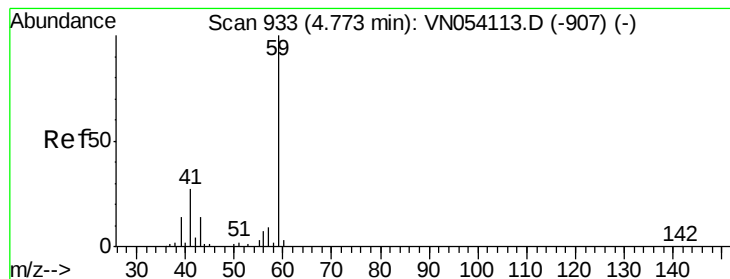


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



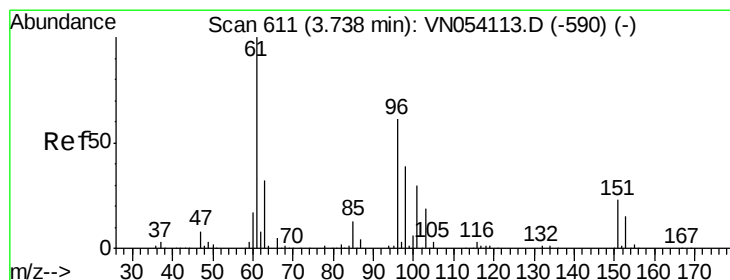
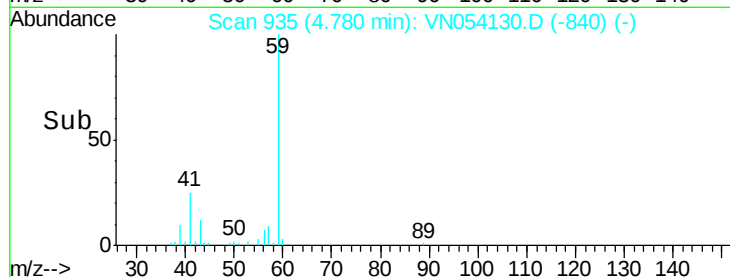
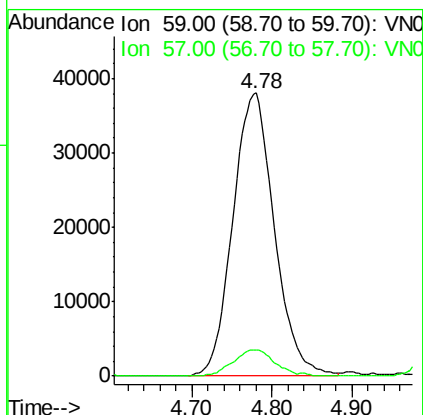
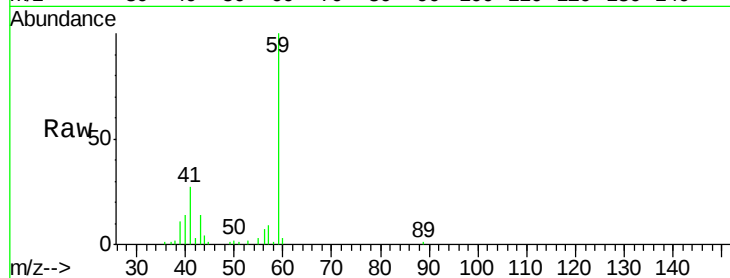


#11

Tert butyl alcohol
 Concen: 263.295 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

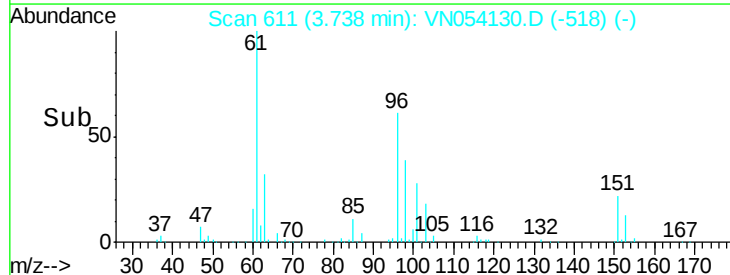
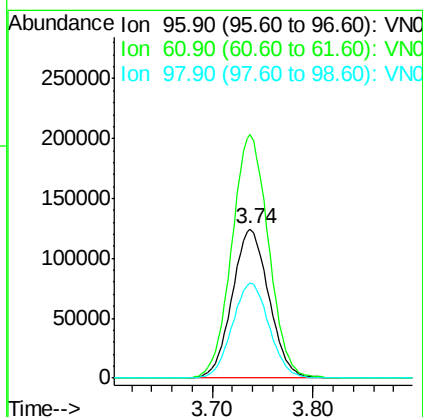
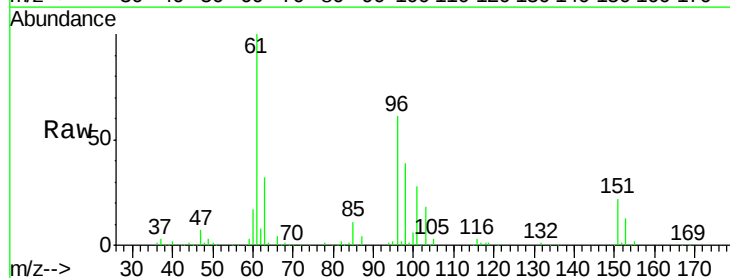
Tgt Ion: 59 Resp: 134261
 Ion Ratio Lower Upper
 59 100
 57 9.1 8.2 12.4

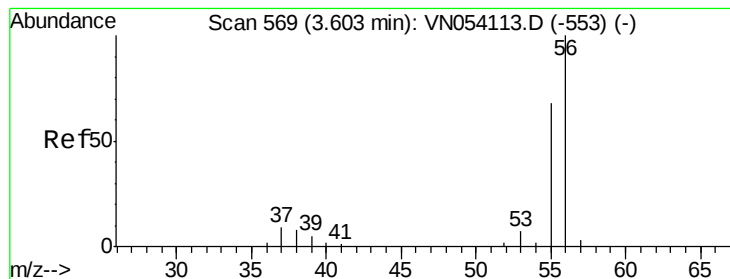


#12

1,1-Dichloroethene
 Concen: 46.711 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Tgt Ion: 96 Resp: 314750
 Ion Ratio Lower Upper
 96 100
 61 163.3 131.2 196.8
 98 63.7 50.7 76.1





#13

Acrolein

Concen: 312.813 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

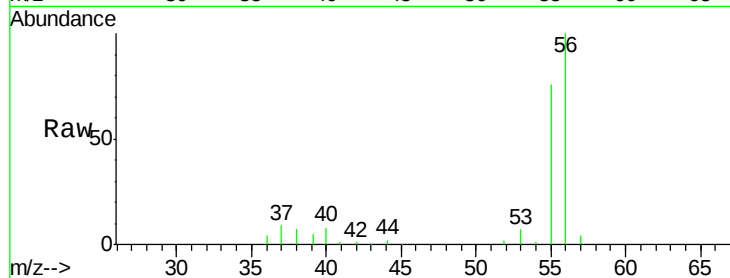
VSTDCCC050EC

Tgt Ion: 56 Resp: 158888

Ion Ratio Lower Upper

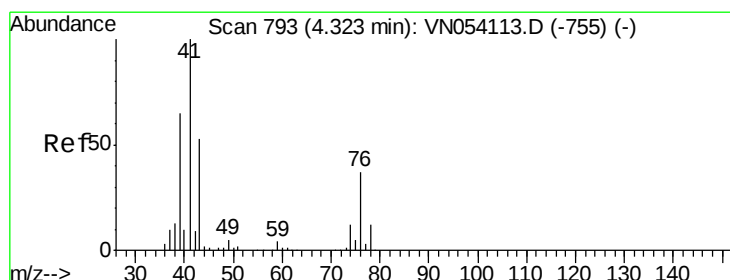
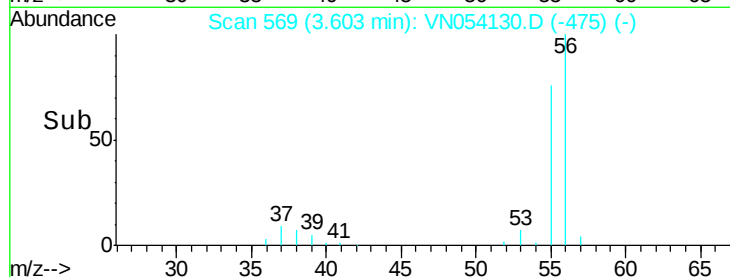
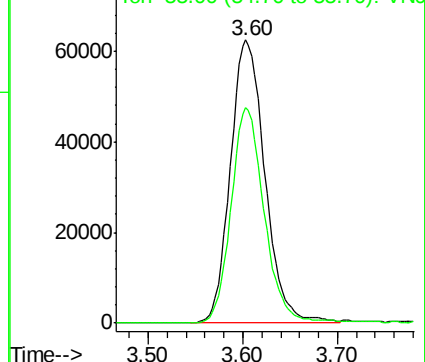
56 100

55 73.0 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: 49.127 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

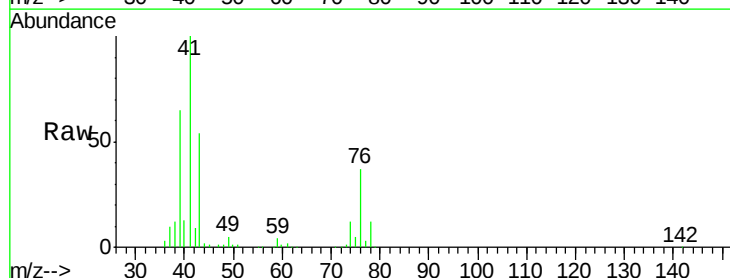
Tgt Ion: 41 Resp: 596467

Ion Ratio Lower Upper

41 100

39 61.2 49.3 73.9

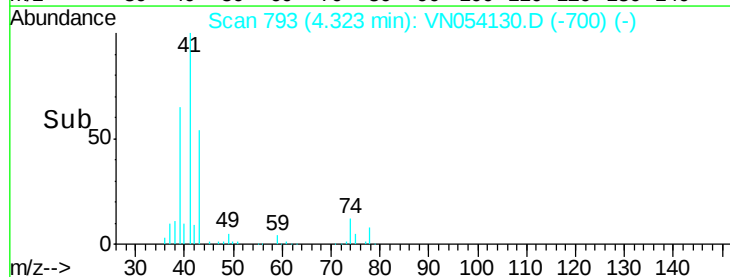
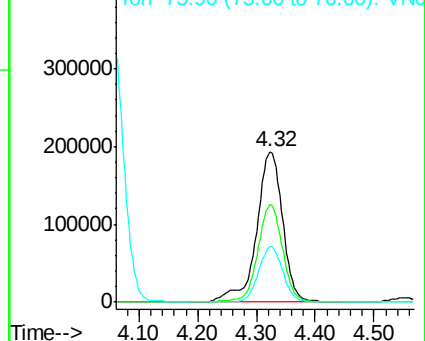
76 33.5 26.5 39.7

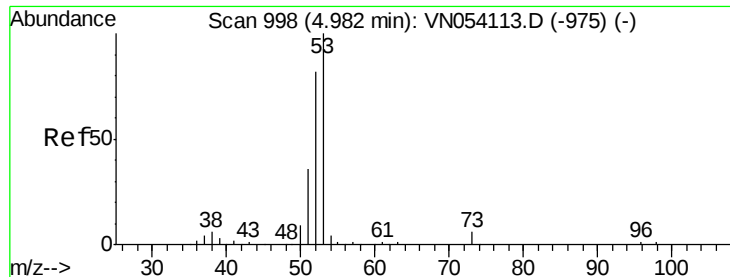


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 243.574 ug/l

RT: 4.98 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

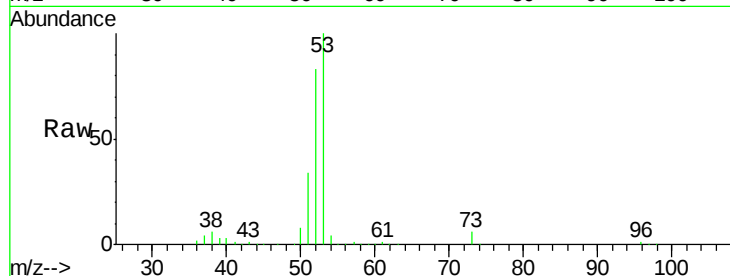
Tgt Ion: 53 Resp: 701065

Ion Ratio Lower Upper

53 100

52 82.3 64.6 97.0

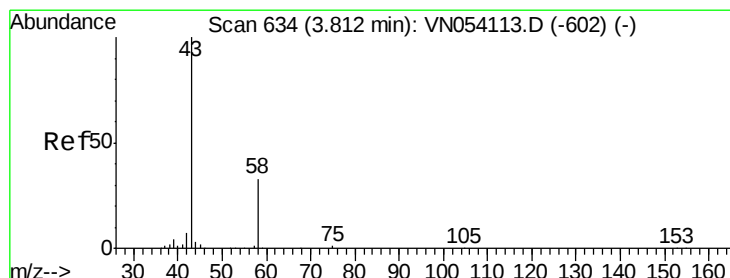
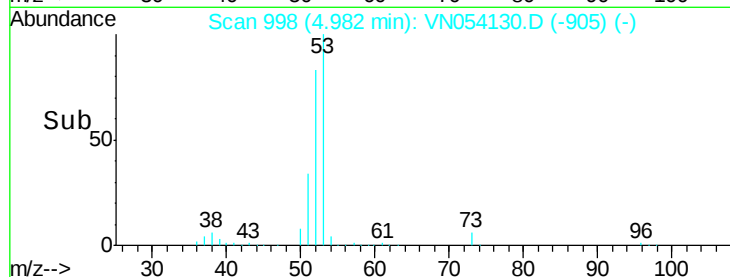
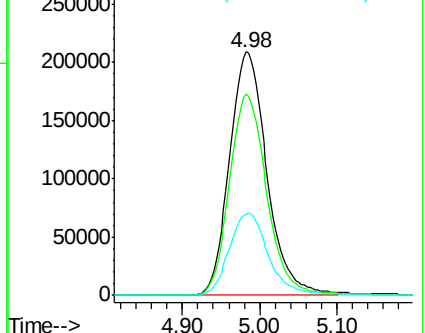
51 35.5 28.6 42.8



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: 187.776 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN054130.D

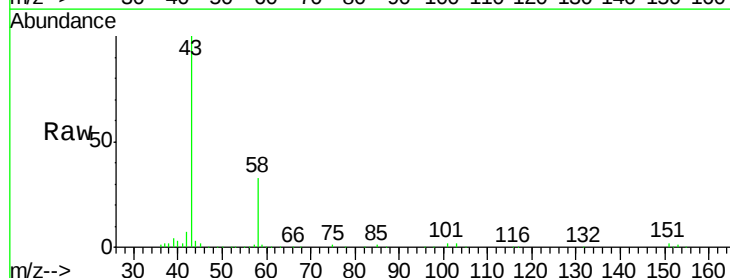
Acq: 6 Mar 2019 21:18

Tgt Ion: 43 Resp: 484748

Ion Ratio Lower Upper

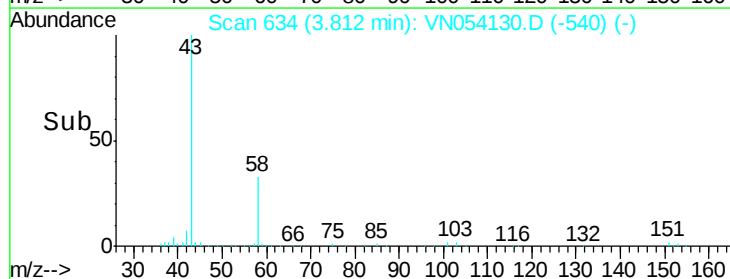
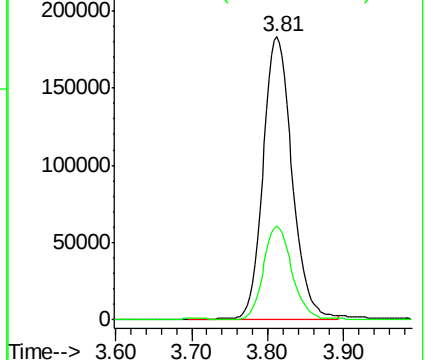
43 100

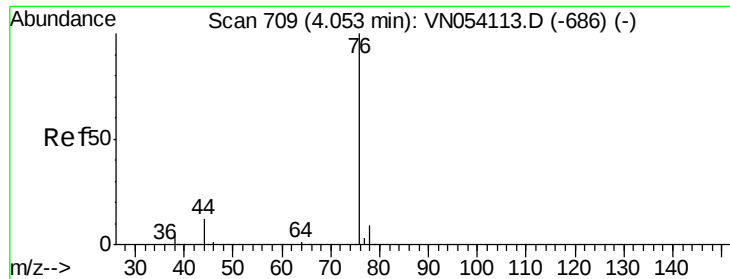
58 32.6 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

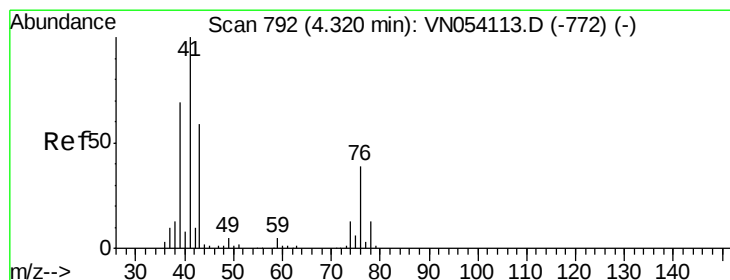
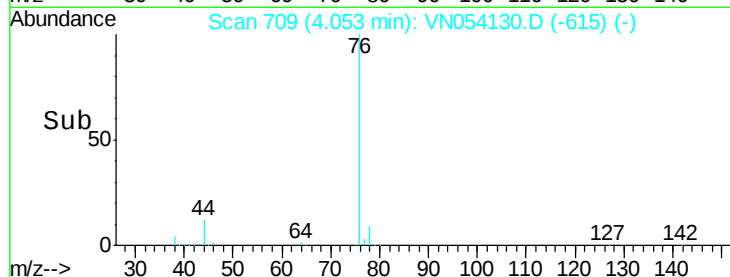
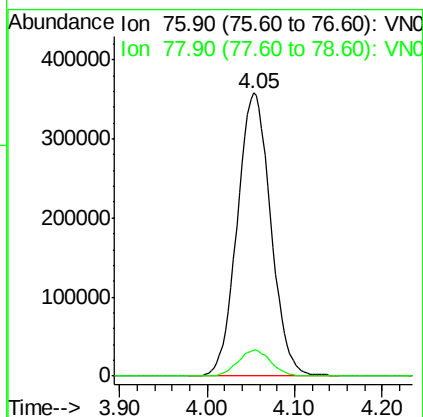
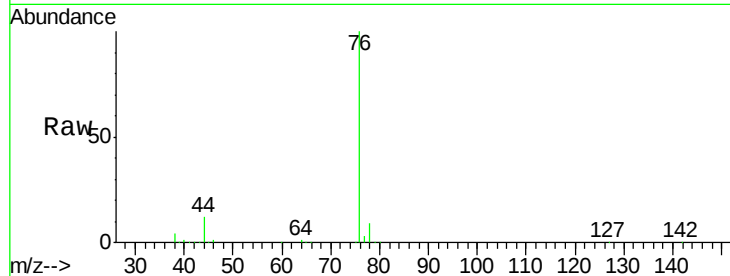




#17
Carbon Disulfide
Concen: 48.929 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

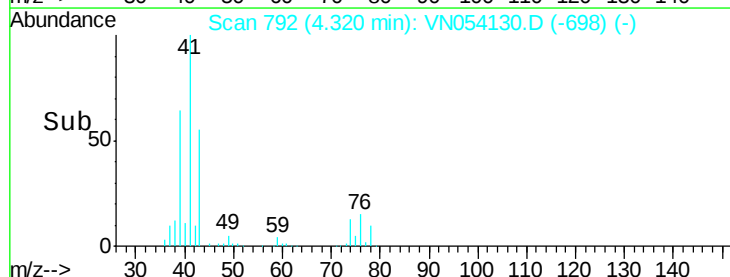
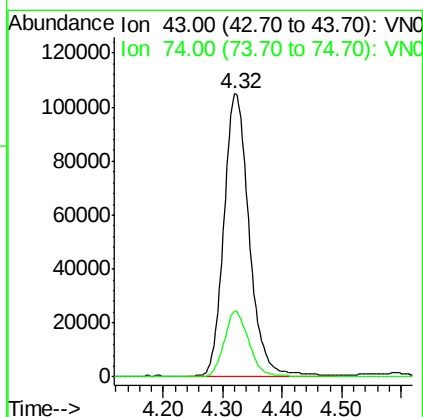
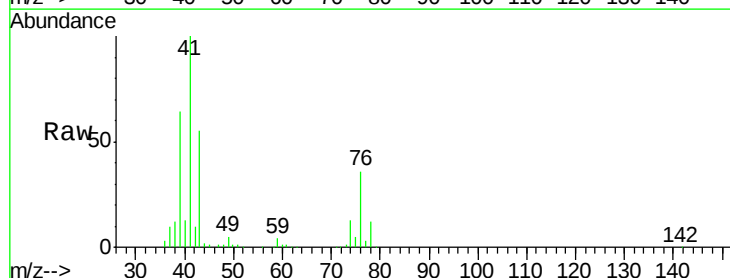
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

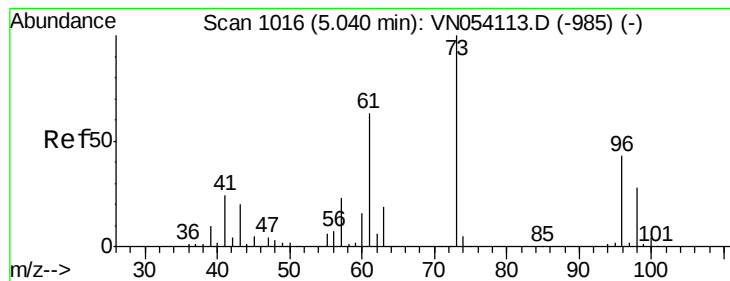
Tgt Ion: 76 Resp: 951521
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 50.671 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

Tgt Ion: 43 Resp: 307511
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.2



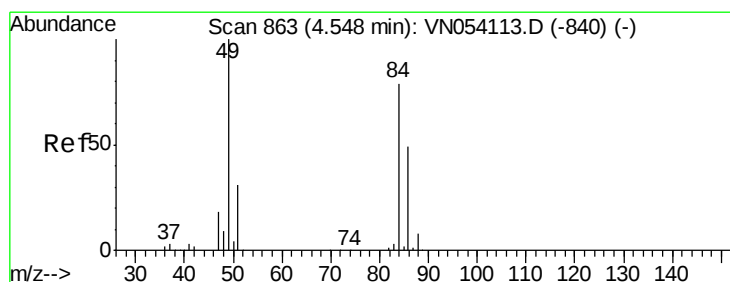
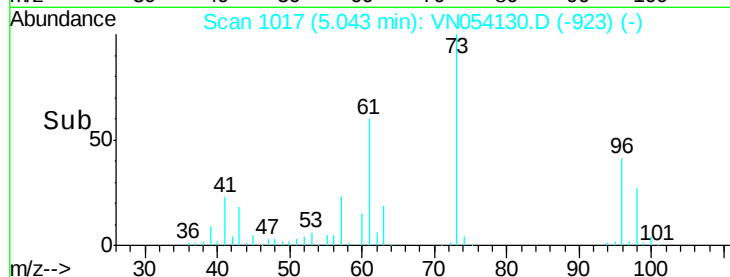
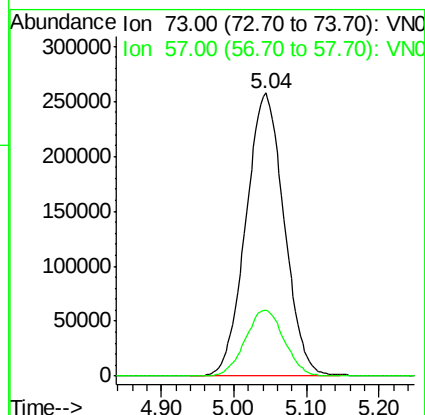
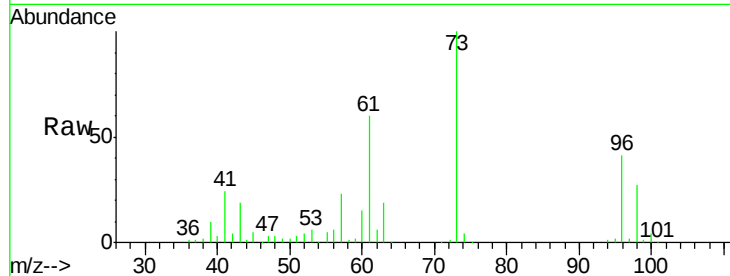


#19

Methyl tert-butyl Ether
 Concen: 50.040 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

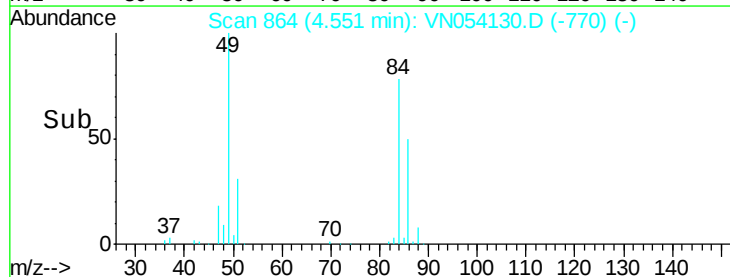
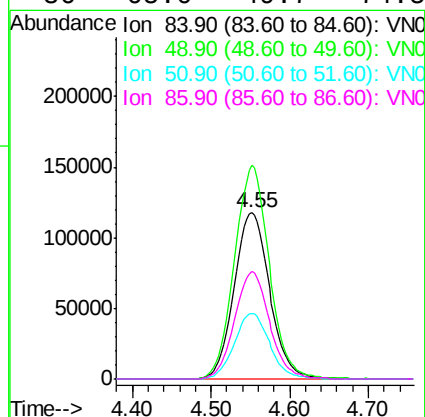
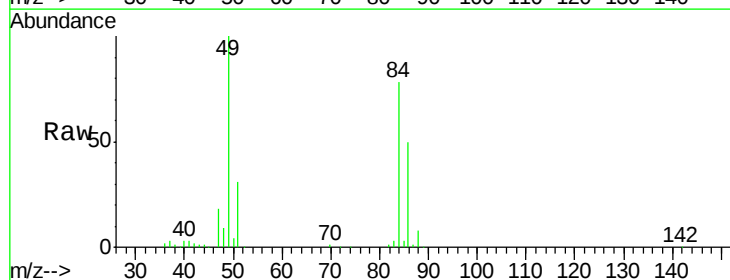
Tgt Ion: 73 Resp: 946286
 Ion Ratio Lower Upper
 73 100
 57 23.3 18.2 27.4

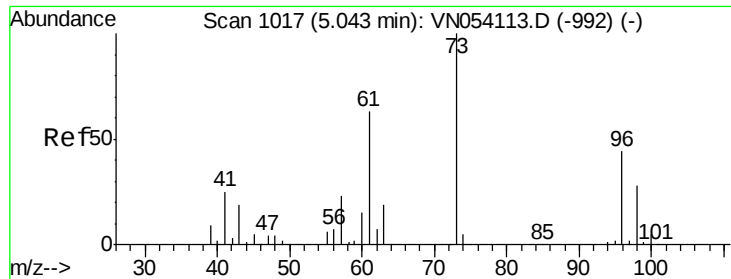


#20

Methylene Chloride
 Concen: 50.931 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Tgt Ion: 84 Resp: 372158
 Ion Ratio Lower Upper
 84 100
 49 128.6 101.8 152.8
 51 39.6 31.1 46.7
 86 65.0 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 46.182 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

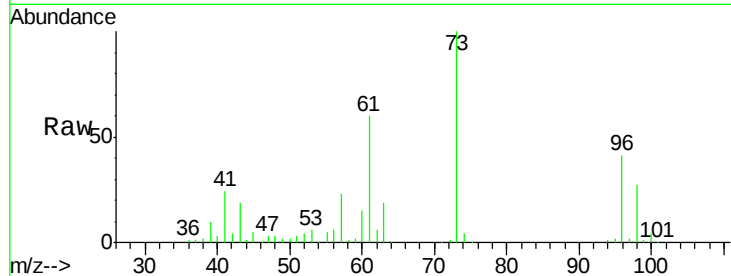
Tgt Ion: 96 Resp: 341622

Ion Ratio Lower Upper

96 100

61 144.9 114.8 172.2

98 65.7 51.4 77.0

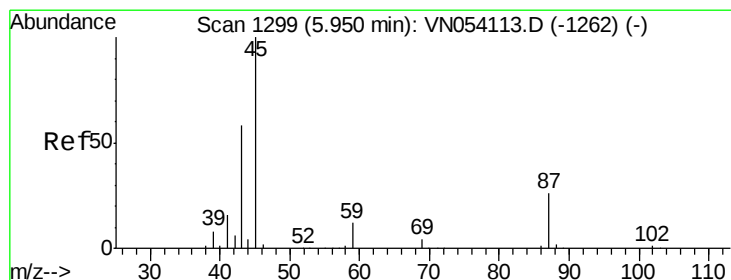
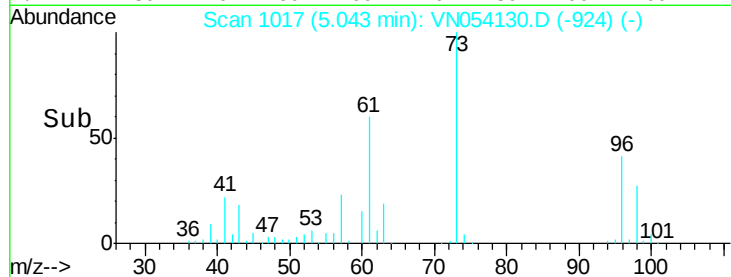
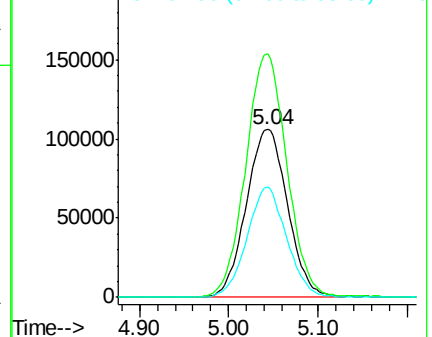


Abundance

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: 50.448 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Tgt Ion: 45 Resp: 1193409

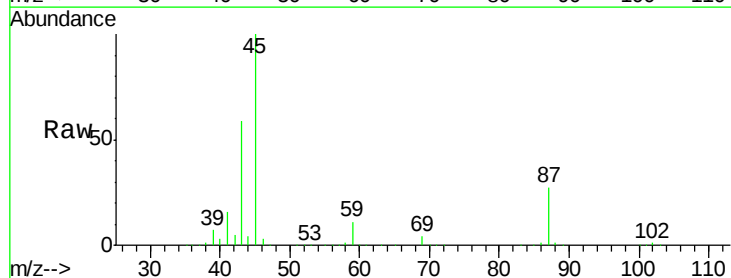
Ion Ratio Lower Upper

45 100

43 58.7 46.2 69.4

87 26.4 20.6 31.0

59 11.1 9.4 14.0



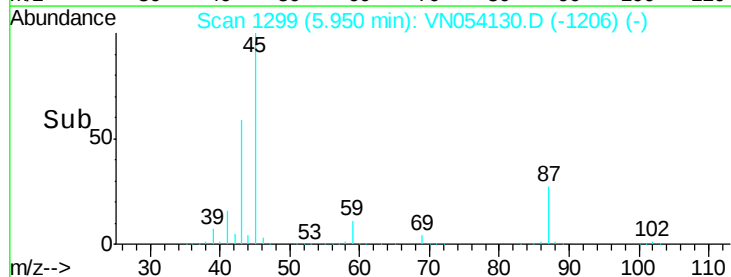
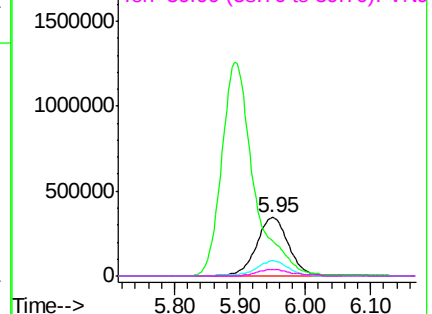
Abundance

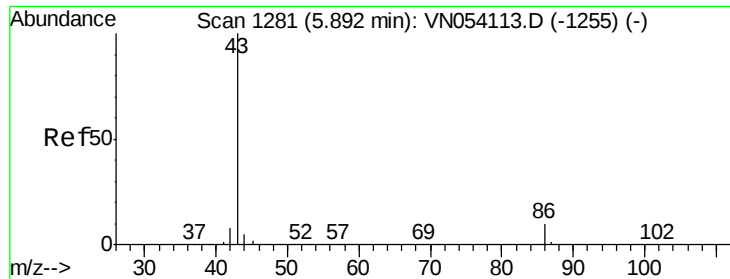
Ion 45.00 (44.70 to 45.70): VN0

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

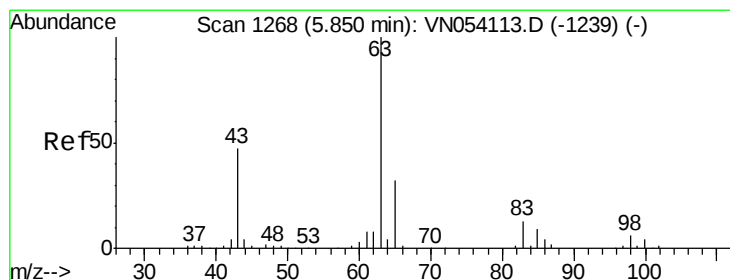
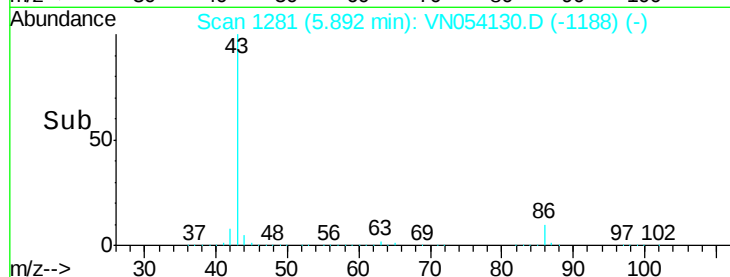
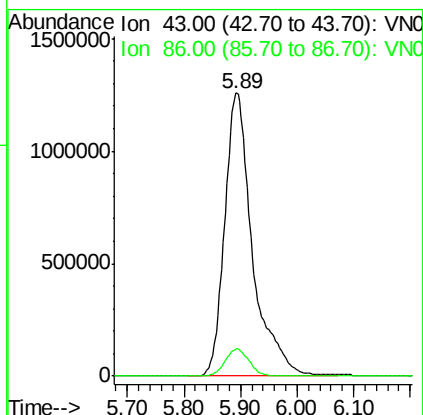
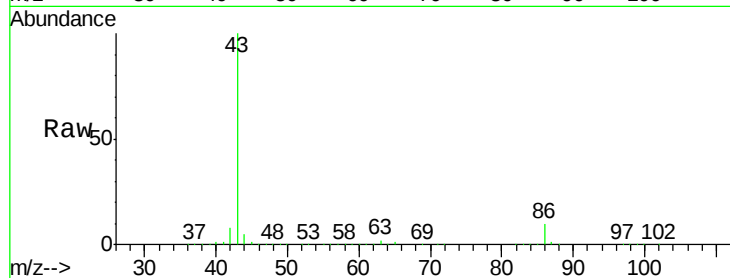




#23
 Vinyl Acetate
 Concen: 256.529 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

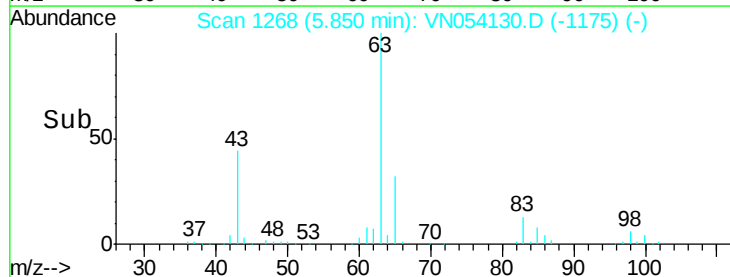
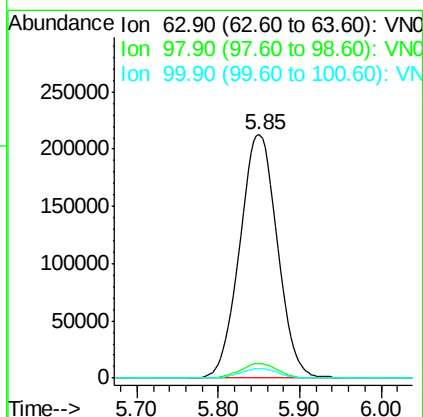
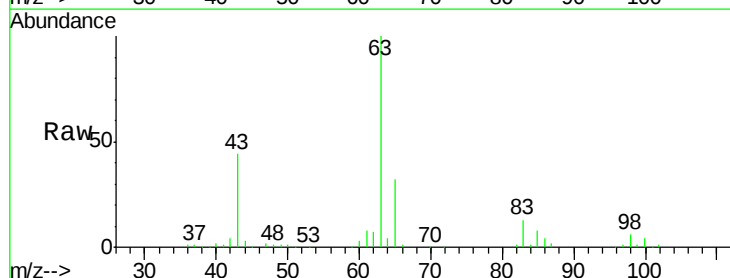
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

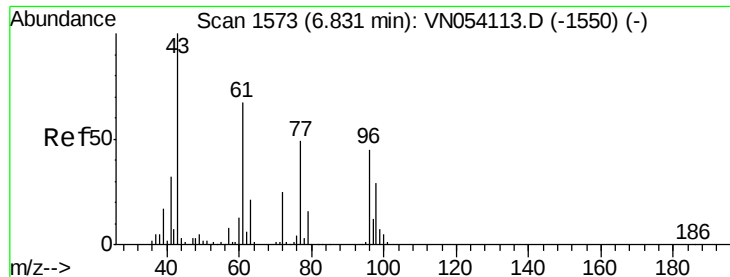
Tgt Ion: 43 Resp: 4310680
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 47.902 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Tgt Ion: 63 Resp: 677981
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.1 9.4
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 231.420 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

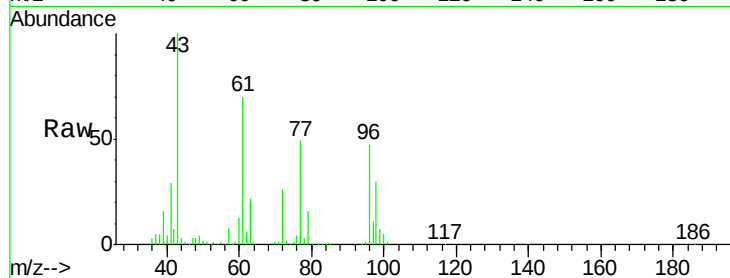
VSTDCCC050EC

Tgt Ion: 43 Resp: 794859

Ion Ratio Lower Upper

43 100

72 25.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.83

250000

200000

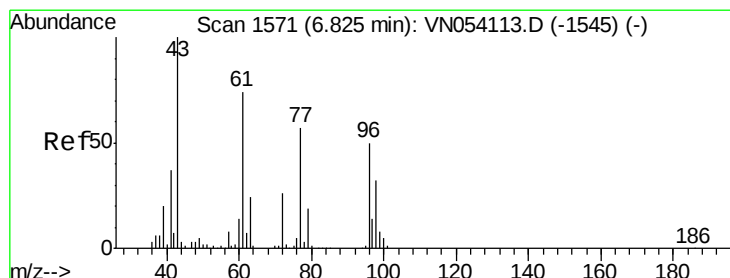
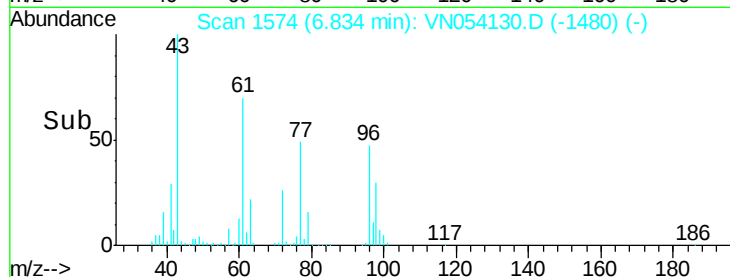
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 44.758 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN054130.D

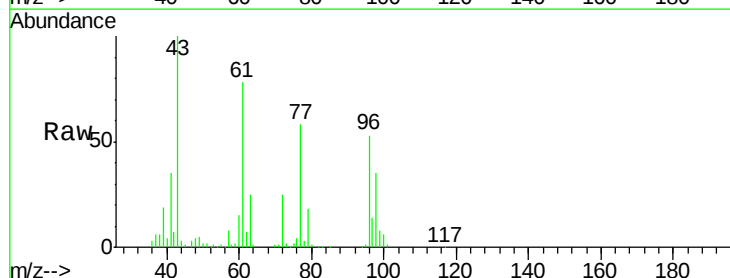
Acq: 6 Mar 2019 21:18

Tgt Ion: 77 Resp: 456589

Ion Ratio Lower Upper

77 100

97 23.9 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

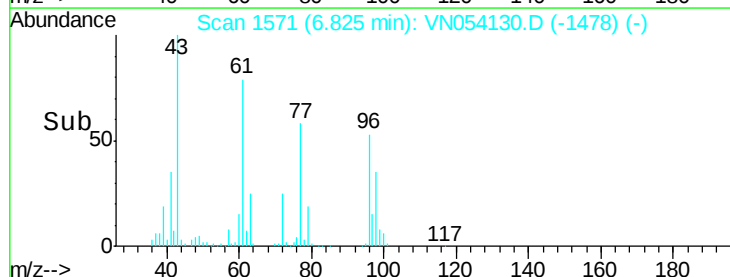
150000

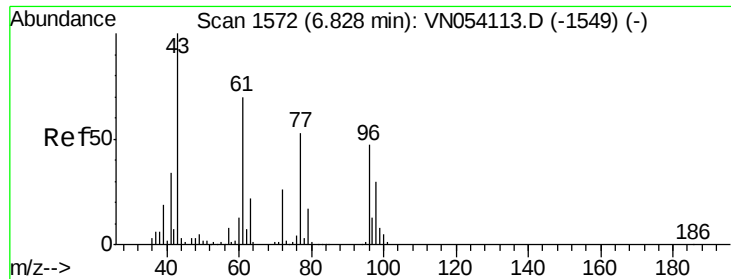
100000

50000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.798 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

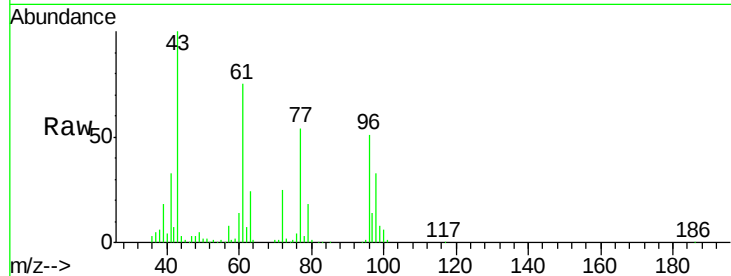
Tgt Ion: 96 Resp: 394274

Ion Ratio Lower Upper

96 100

61 148.7 0.0 297.0

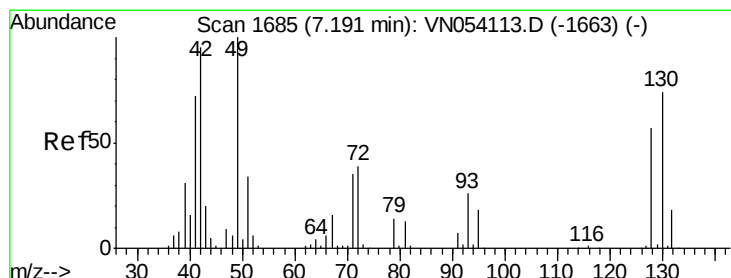
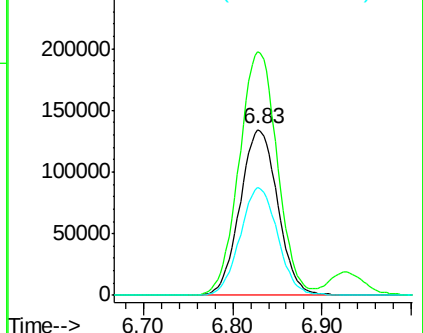
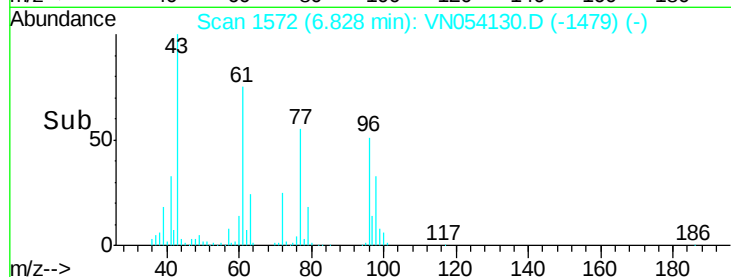
98 64.9 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN054130.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN054130.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN054130.D (-1479) (-)



#28

Bromochloromethane

Concen: 49.809 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

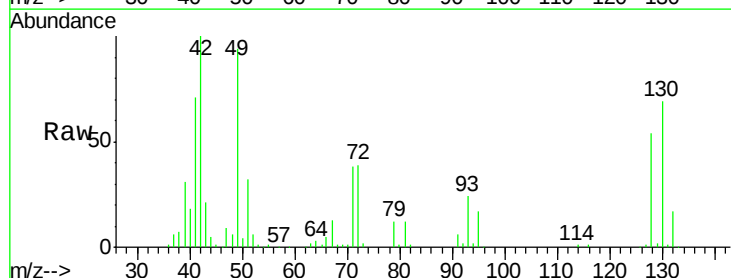
Tgt Ion: 49 Resp: 351865

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

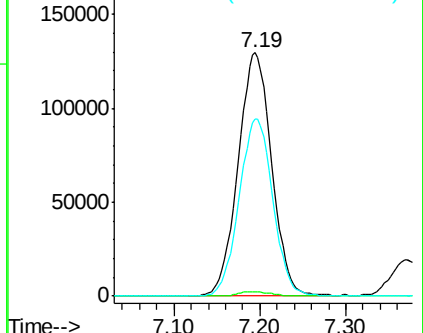
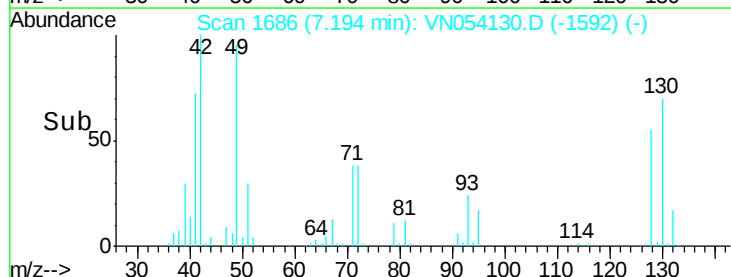
130 72.9 59.4 89.2

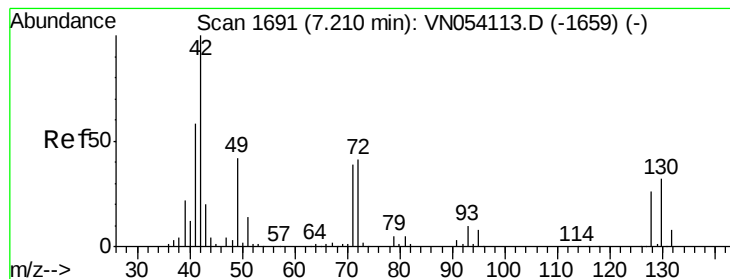


Abundance Ion 48.90 (48.60 to 49.60): VN054130.D (-1592) (-)

Ion 128.80 (128.50 to 129.50): VN054130.D (-1592) (-)

Ion 129.80 (129.50 to 130.50): VN054130.D (-1592) (-)





#29

Tetrahydrofuran

Concen: 244.222 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

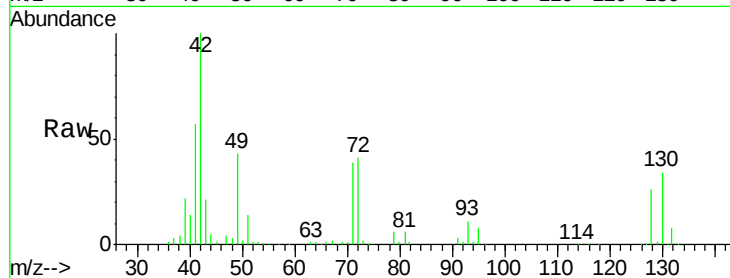
Tgt Ion: 42 Resp: 549810

Ion Ratio Lower Upper

42 100

72 40.7 32.8 49.2

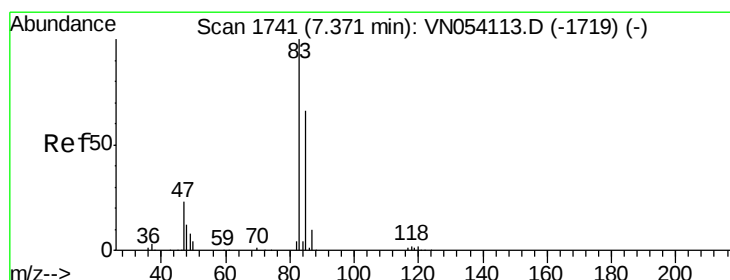
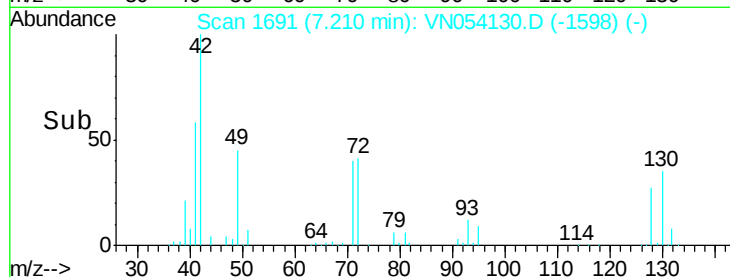
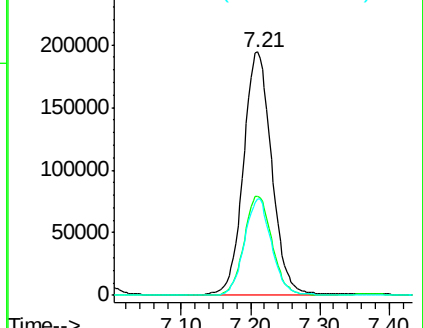
71 38.3 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 47.686 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN054130.D

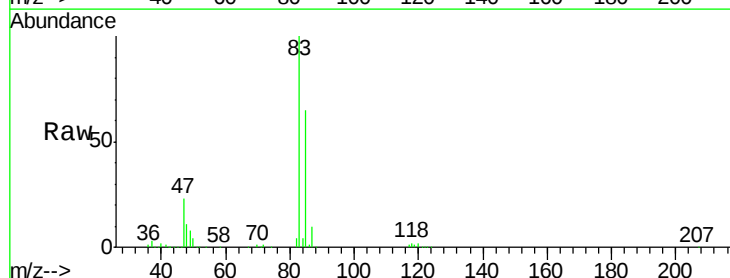
Acq: 6 Mar 2019 21:18

Tgt Ion: 83 Resp: 646694

Ion Ratio Lower Upper

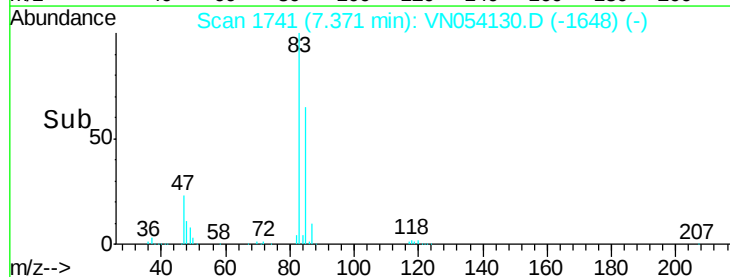
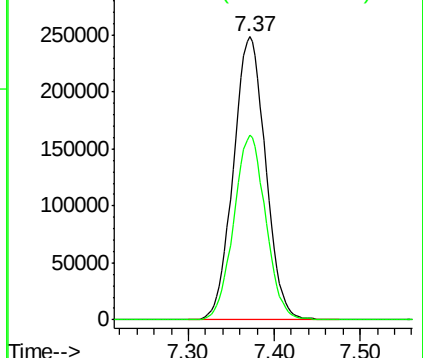
83 100

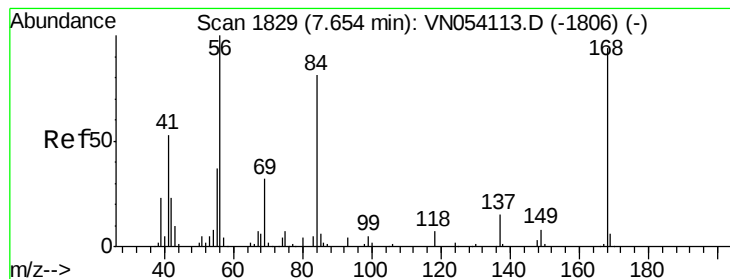
85 65.2 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 49.711 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

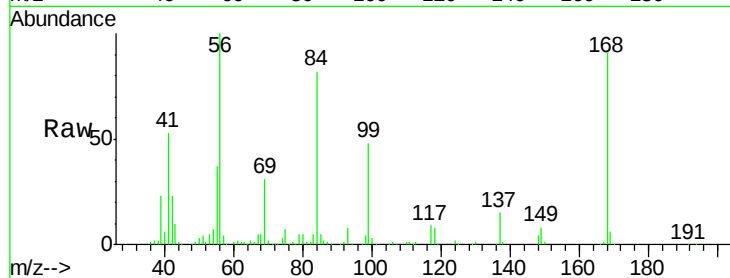
Tgt Ion: 56 Resp: 625325

Ion Ratio Lower Upper

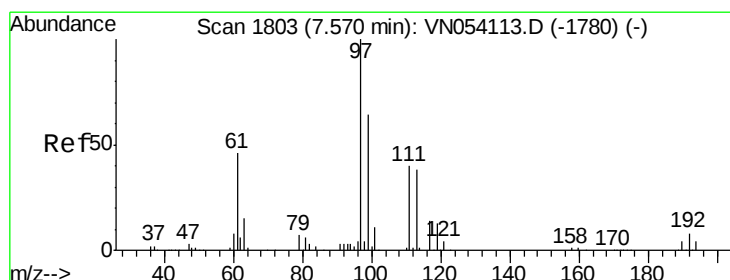
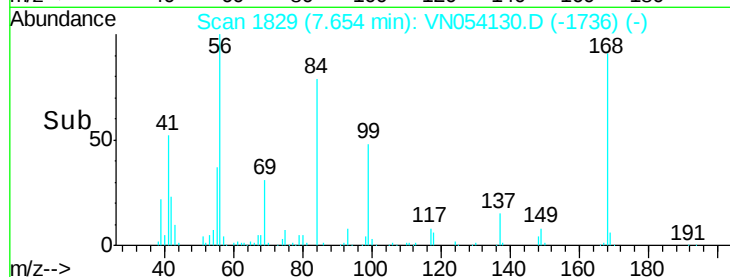
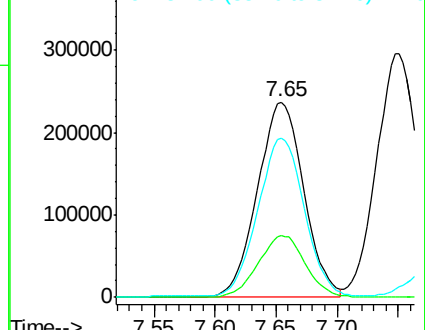
56 100

69 31.4 25.5 38.3

84 80.4 64.5 96.7



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



#32

1,1,1-Trichloroethane

Concen: 47.784 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

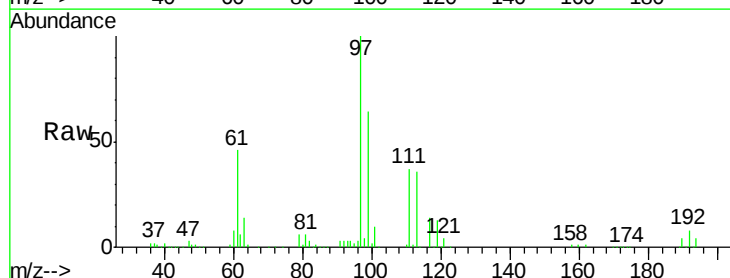
Tgt Ion: 97 Resp: 537265

Ion Ratio Lower Upper

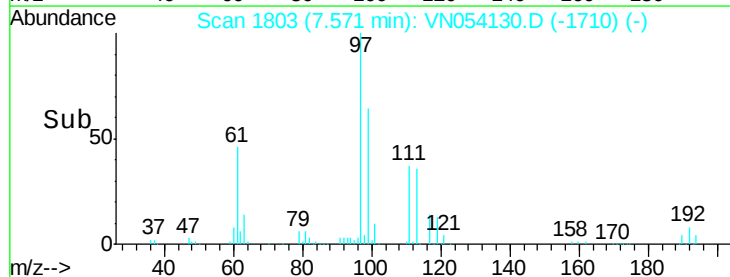
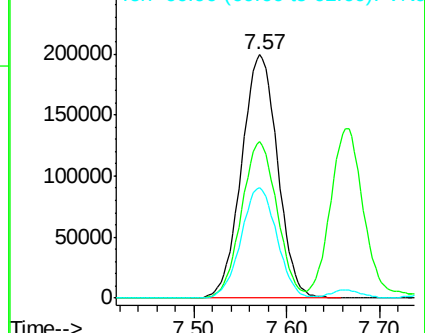
97 100

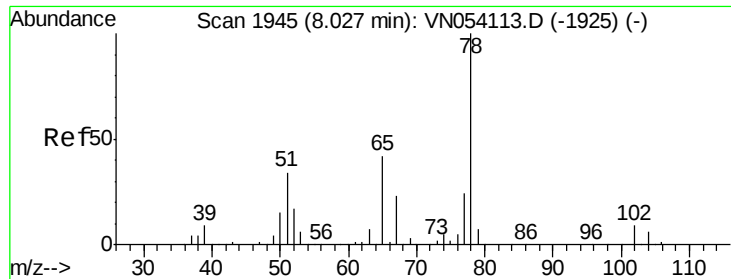
99 63.4 51.2 76.8

61 45.1 37.1 55.7



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

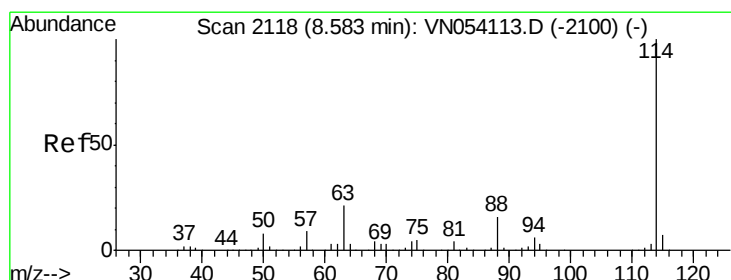
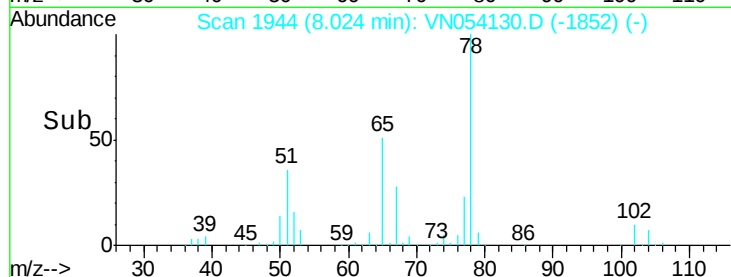
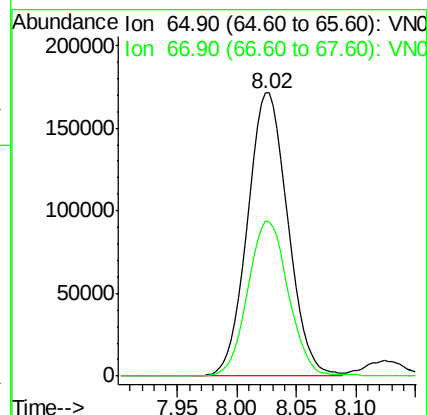
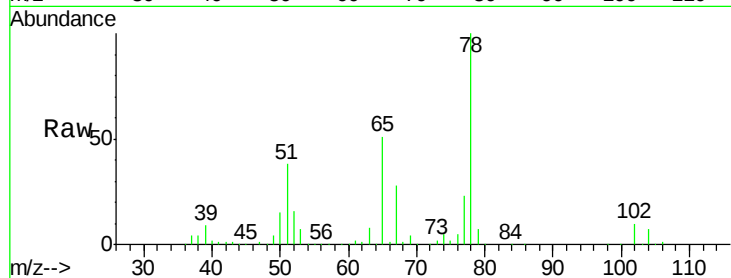




#33
 1,2-Dichloroethane-d4
 Concen: 48.067 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

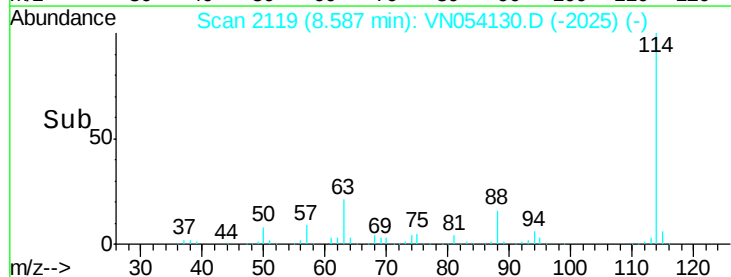
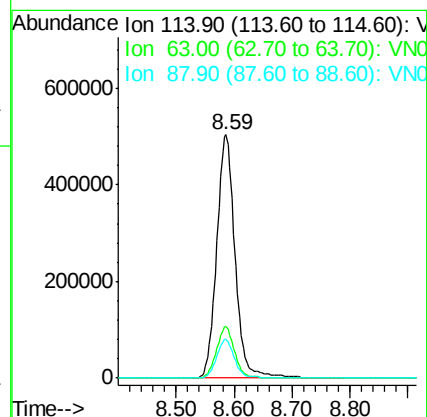
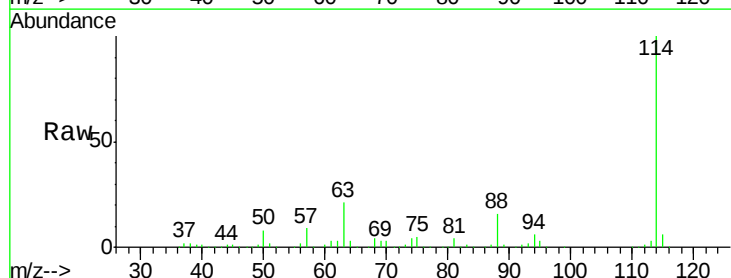
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

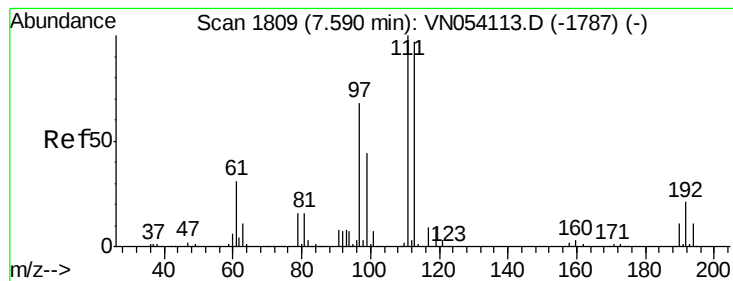
Tgt Ion: 65 Resp: 402888
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Tgt Ion: 114 Resp: 1110377
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.6
 88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.798 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

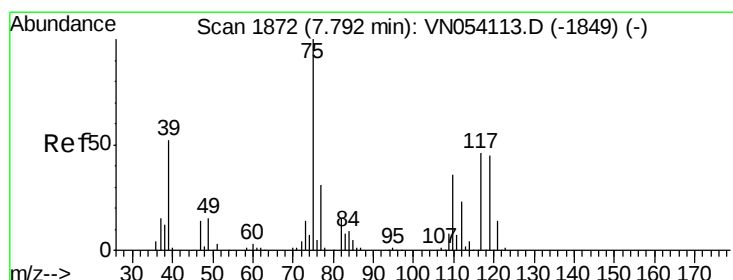
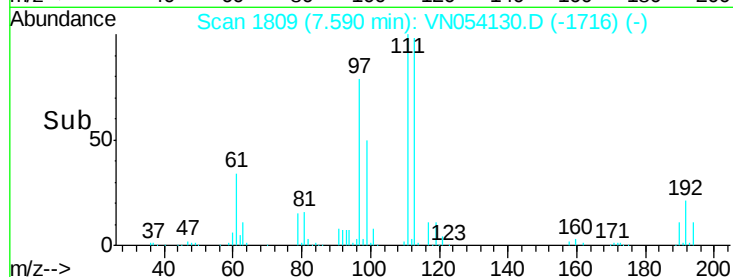
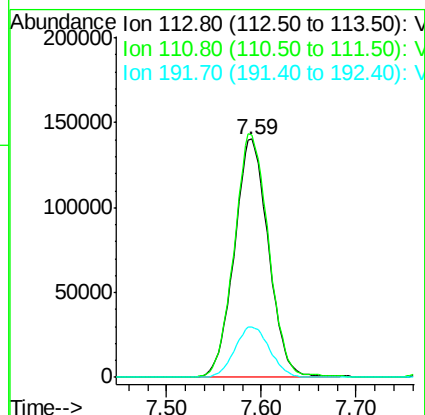
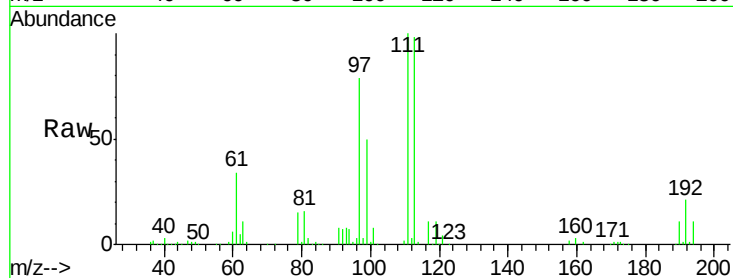
Tgt Ion:113 Resp: 351917

Ion Ratio Lower Upper

113 100

111 103.1 82.1 123.1

192 21.8 17.4 26.0



#36

1,1-Dichloropropene

Concen: 47.076 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

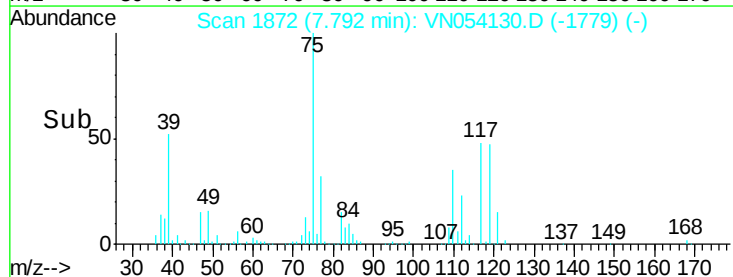
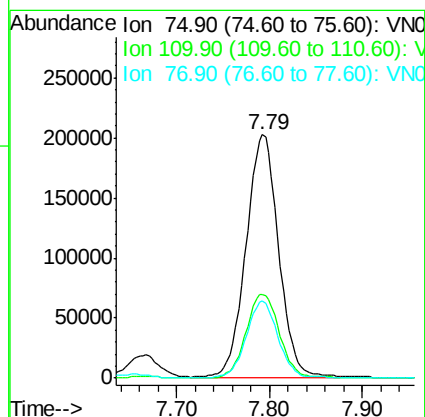
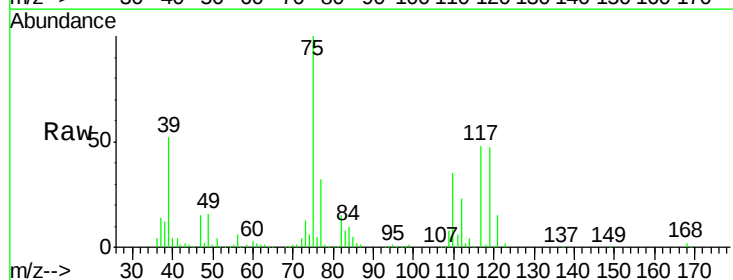
Tgt Ion: 75 Resp: 490634

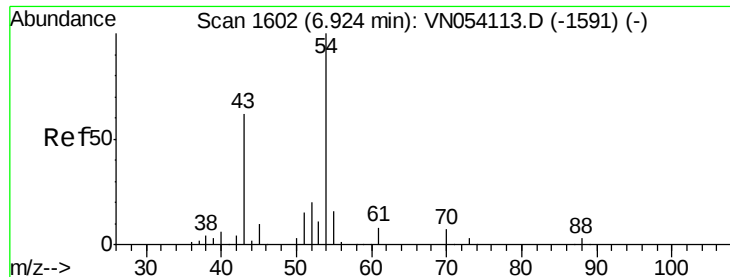
Ion Ratio Lower Upper

75 100

110 35.8 18.0 54.0

77 31.4 25.3 37.9

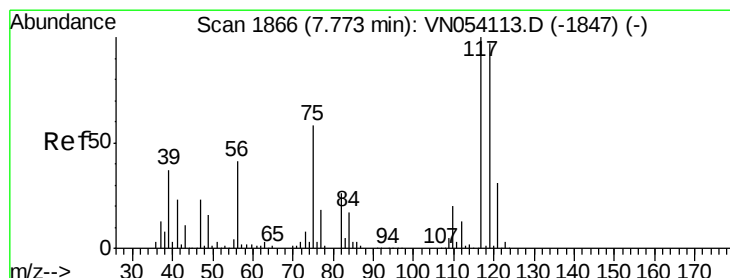
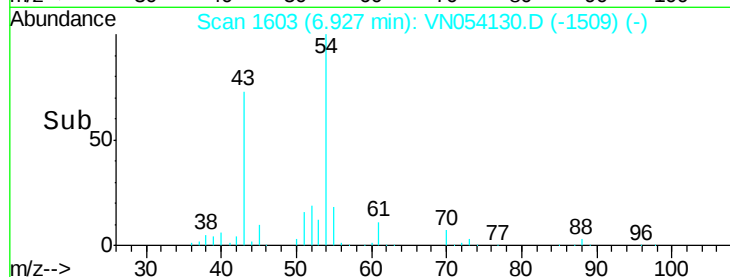
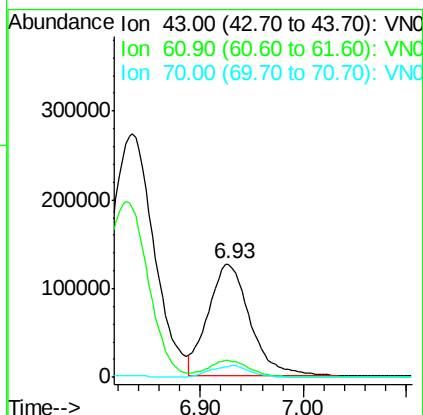
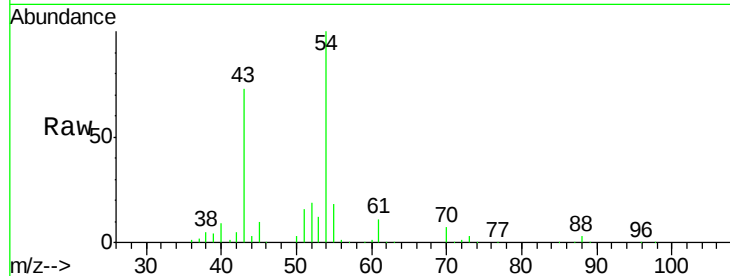




#37
Ethyl Acetate
 Concen: 47.545 ug/l
 RT: 6.93 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

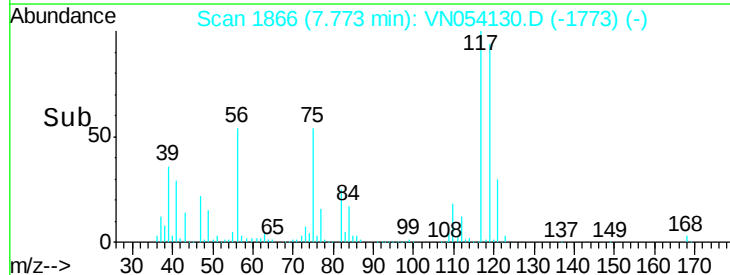
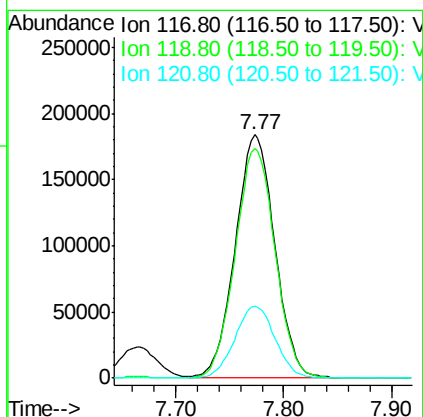
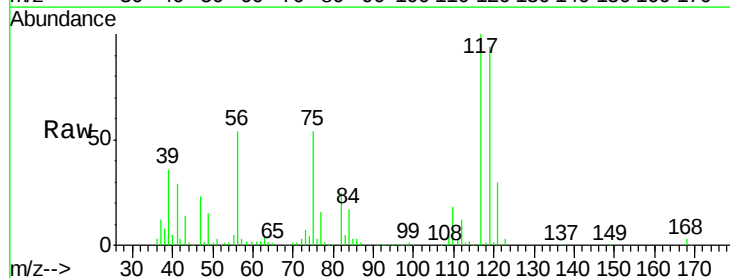
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

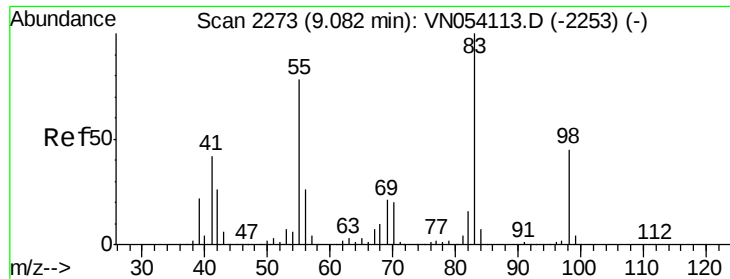
Tgt Ion: 43 Resp: 356559
 Ion Ratio Lower Upper
 43 100
 61 14.6 11.1 16.7
 70 10.2 7.6 11.4



#38
Carbon Tetrachloride
 Concen: 46.925 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Tgt Ion: 117 Resp: 466886
 Ion Ratio Lower Upper
 117 100
 119 94.4 77.0 115.6
 121 29.6 24.3 36.5

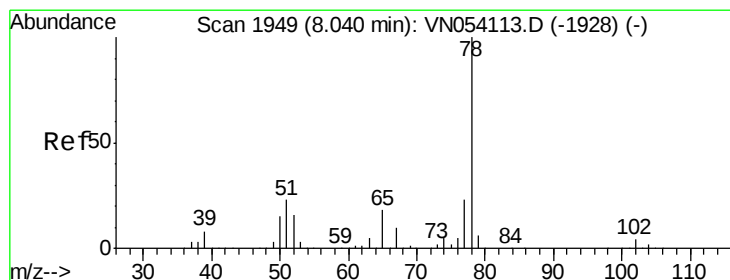
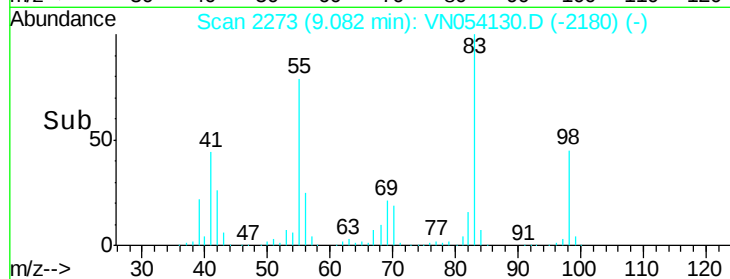
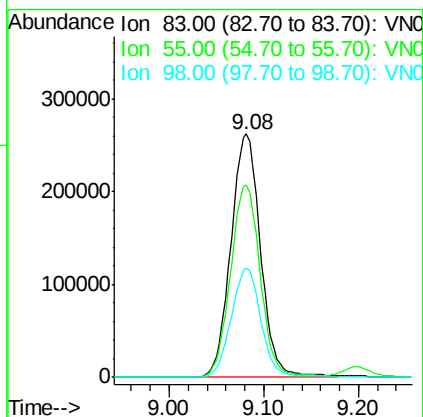
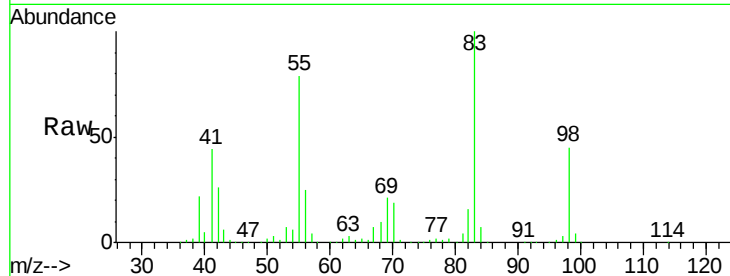




#39
Methylcyclohexane
Concen: 47.616 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

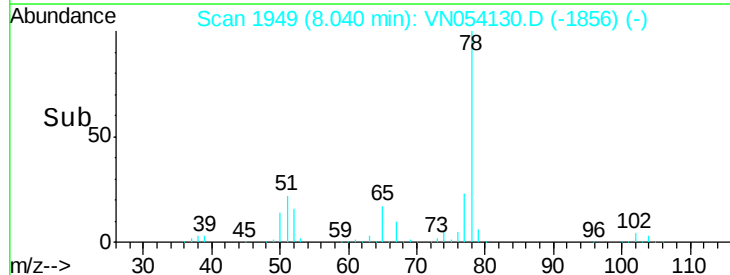
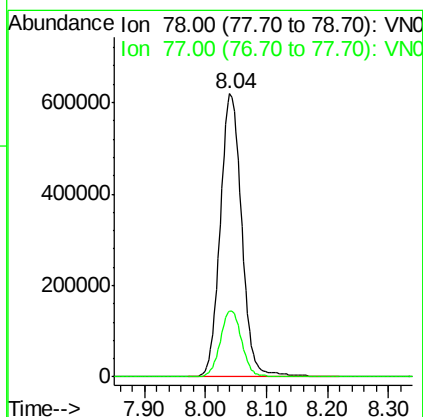
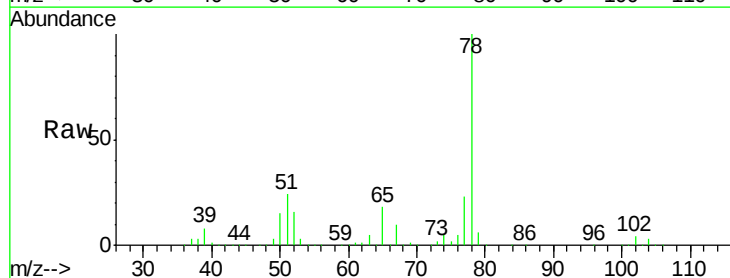
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

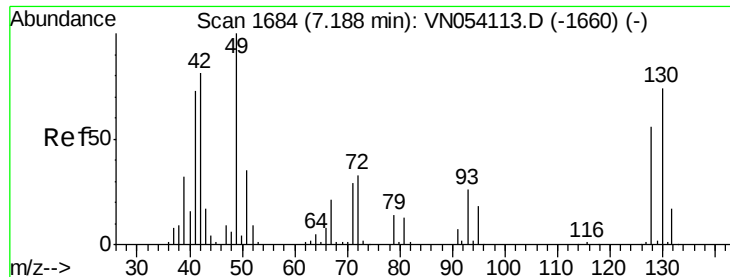
Tgt Ion: 83 Resp: 572729
Ion Ratio Lower Upper
83 100
55 79.1 62.1 93.1
98 44.8 36.0 54.0



#40
Benzene
Concen: 49.008 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

Tgt Ion: 78 Resp: 1511126
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1





#41

Methacrylonitrile

Concen: 50.327 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.02 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 196704

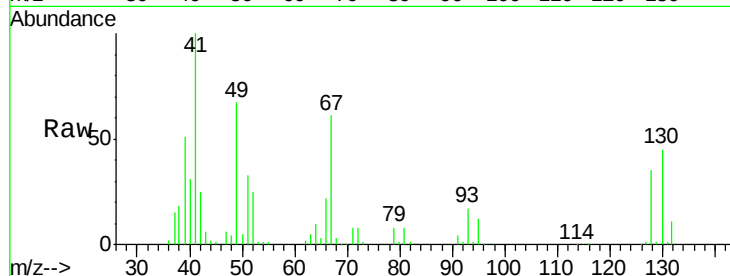
Ion Ratio Lower Upper

41 100

39 59.0 0.0 0.0#

67 79.3 0.0 0.0#

52 31.0 0.0 0.0#

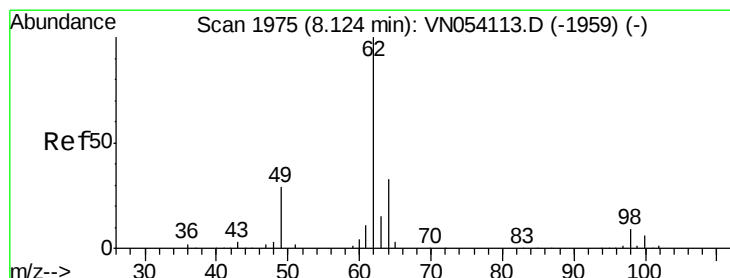
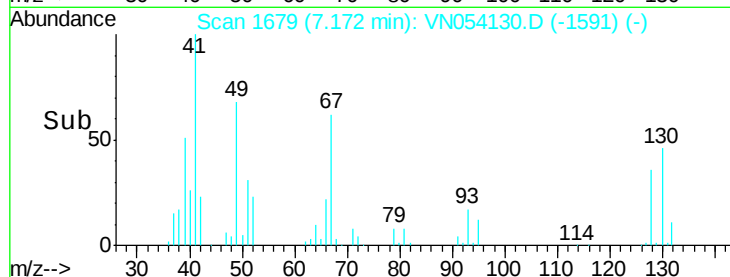
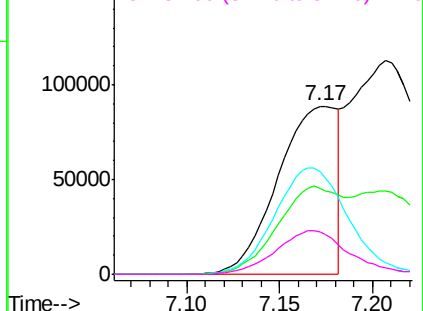


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 48.118 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN054130.D

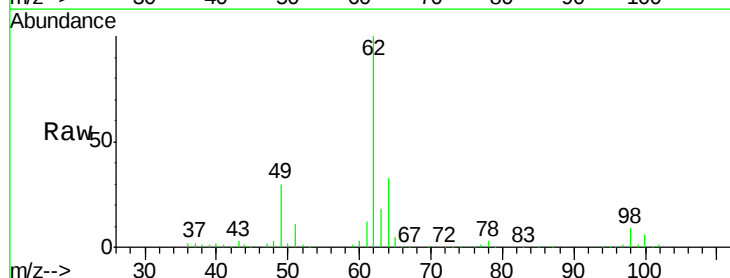
Acq: 6 Mar 2019 21:18

Tgt Ion: 62 Resp: 469989

Ion Ratio Lower Upper

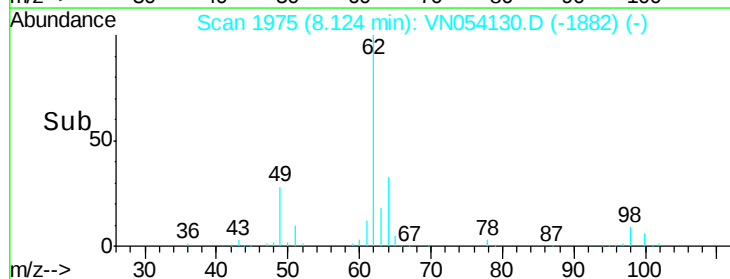
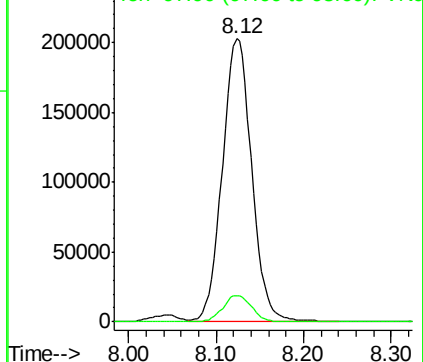
62 100

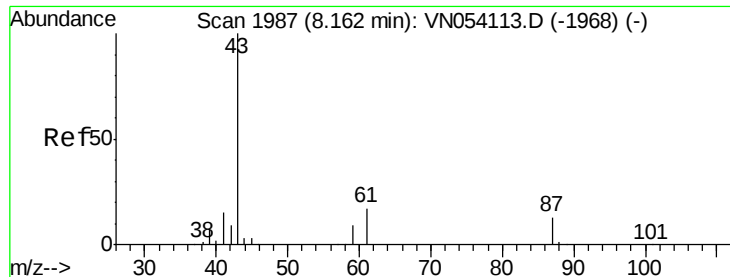
98 9.3 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 49.871 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

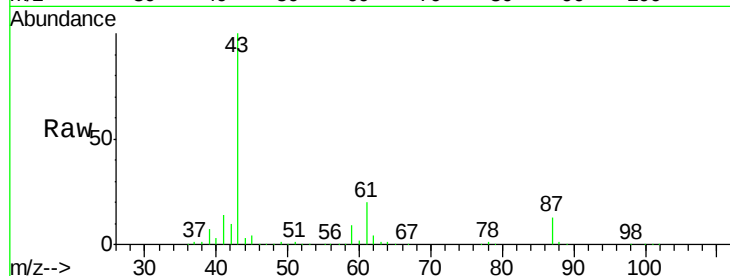
Tgt Ion: 43 Resp: 620735

Ion Ratio Lower Upper

43 100

61 27.6 22.5 33.7

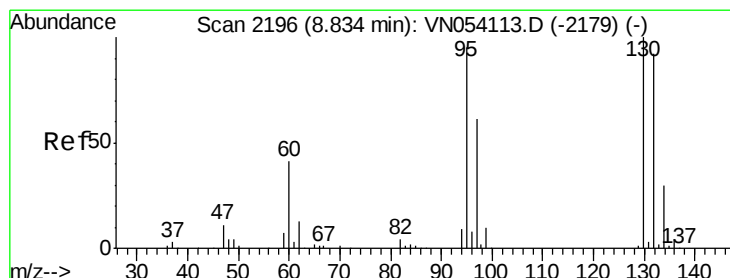
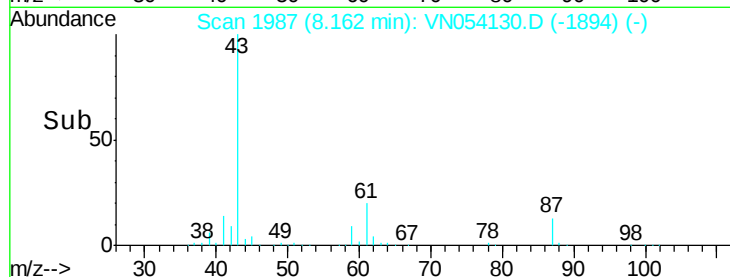
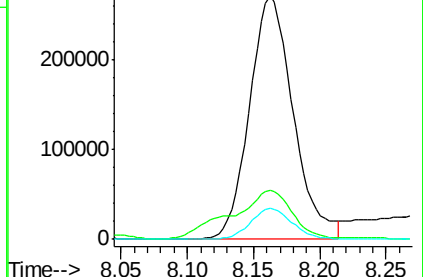
87 12.2 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN054113.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN054113.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN054113.D (-1968) (-)



#44

Trichloroethene

Concen: 46.956 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054130.D

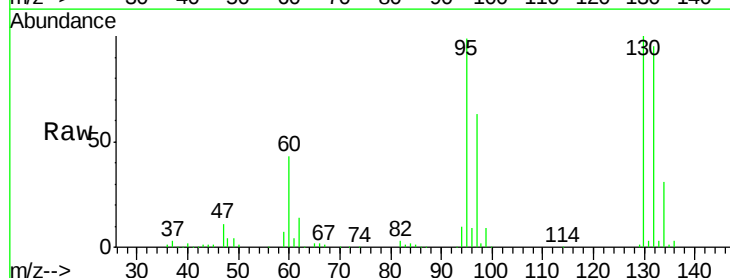
Acq: 6 Mar 2019 21:18

Tgt Ion: 130 Resp: 388234

Ion Ratio Lower Upper

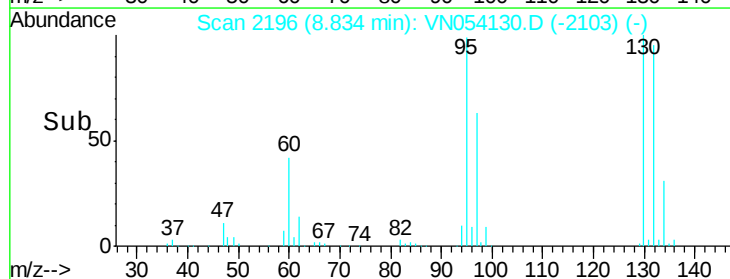
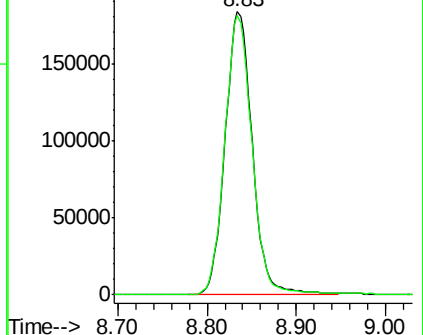
130 100

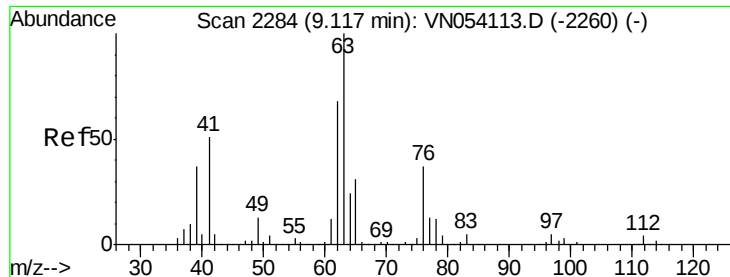
95 98.8 0.0 189.4



Abundance Ion 129.80 (129.50 to 130.50): VN054113.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN054113.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 48.487 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

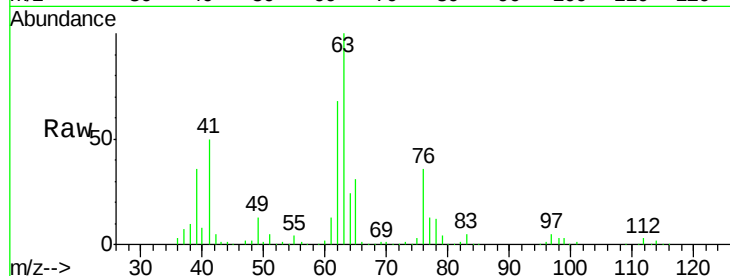
VSTDCCC050EC

Tgt Ion: 63 Resp: 412383

Ion Ratio Lower Upper

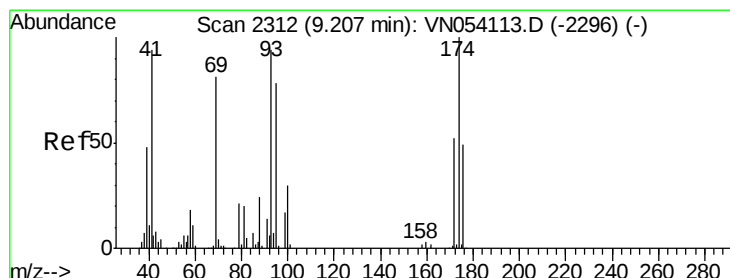
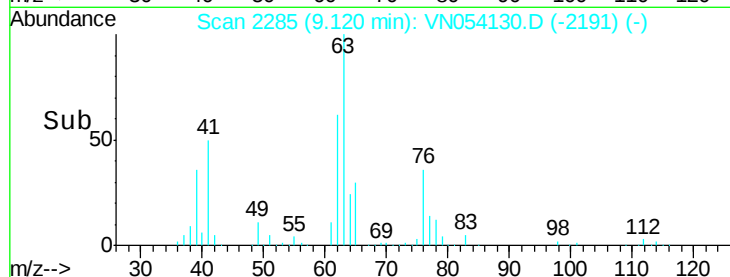
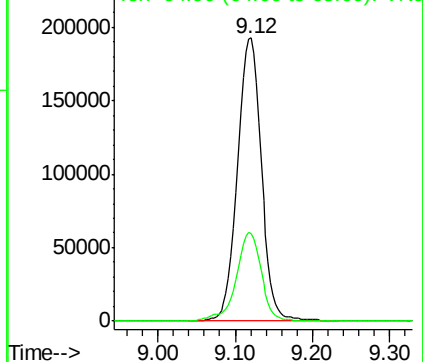
63 100

65 31.1 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 48.721 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

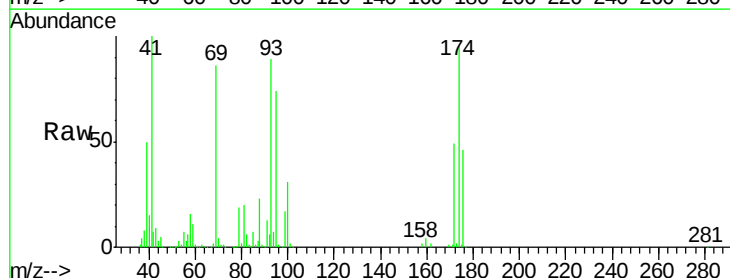
Tgt Ion: 93 Resp: 236544

Ion Ratio Lower Upper

93 100

95 83.8 66.1 99.1

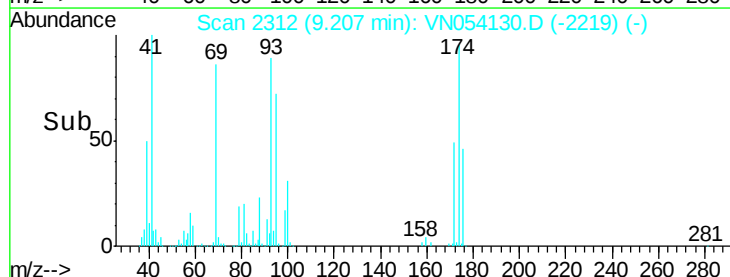
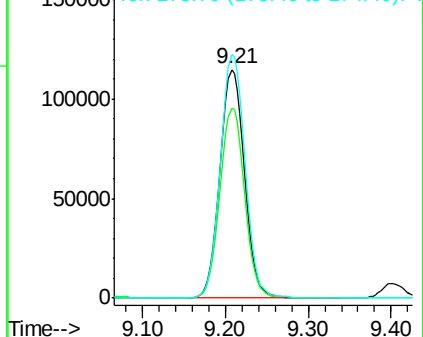
174 106.4 86.1 129.1

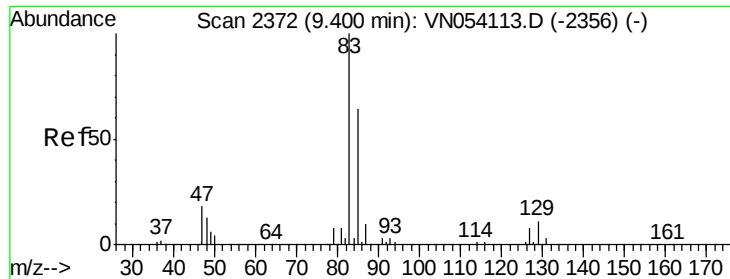


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.561 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

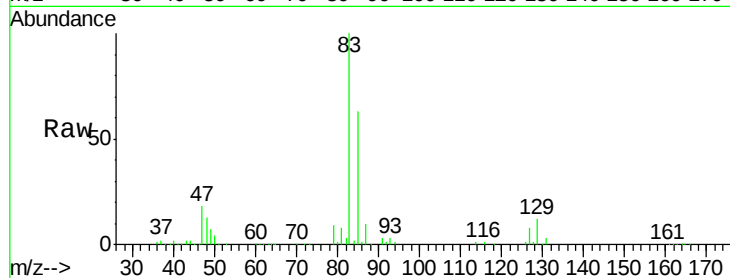
Tgt Ion: 83 Resp: 493533

Ion Ratio Lower Upper

83 100

85 63.4 51.0 76.4

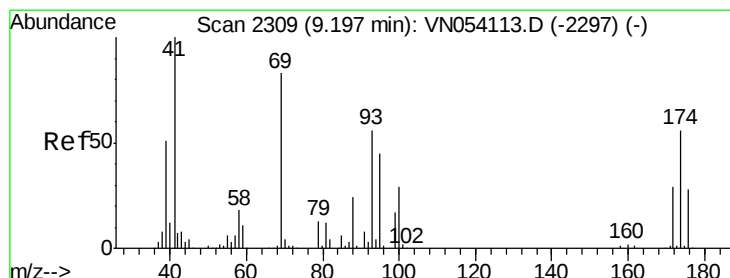
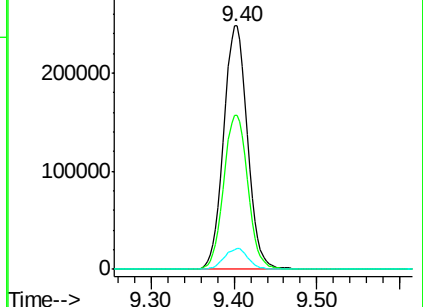
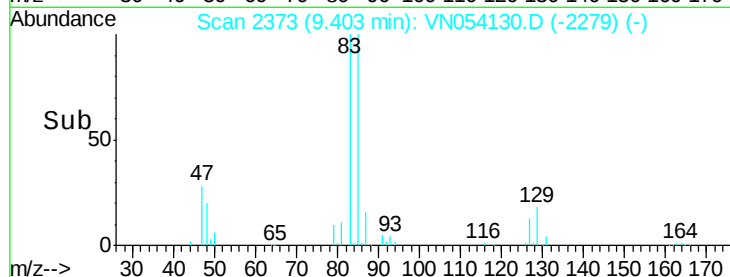
127 8.5 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN054130.D (-2279) (-)

Ion 84.90 (84.60 to 85.60): VN054130.D (-2279) (-)

Ion 126.80 (126.50 to 127.50): VN054130.D (-2279) (-)



#48

Methyl methacrylate

Concen: 52.278 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

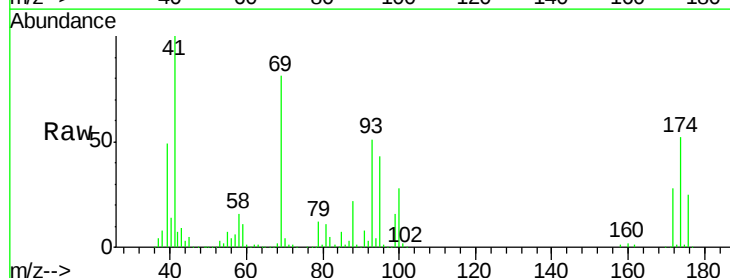
Tgt Ion: 41 Resp: 299808

Ion Ratio Lower Upper

41 100

69 90.7 71.0 106.4

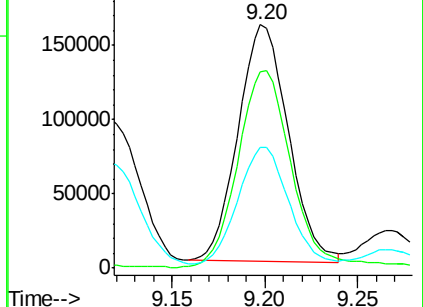
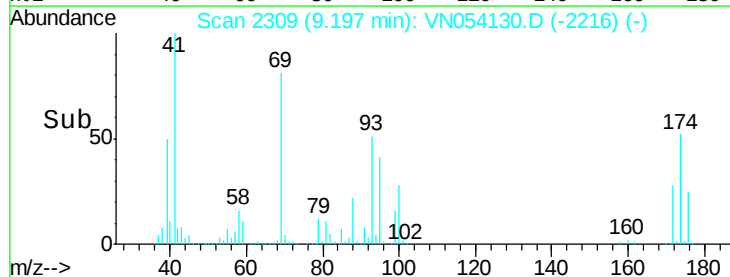
39 52.8 43.7 65.5

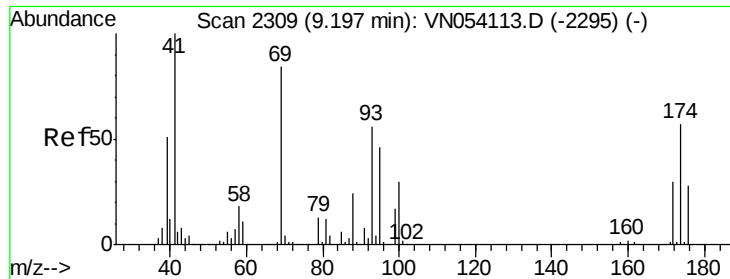


Abundance Ion 41.00 (40.70 to 41.70): VN054130.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN054130.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN054130.D (-2216) (-)





#49

1,4-Dioxane

Concen: 935.797 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

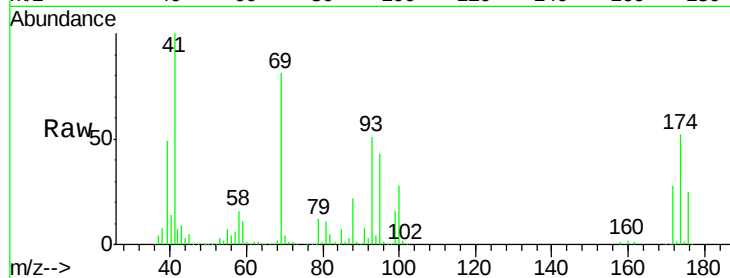
Tgt Ion: 88 Resp: 77149

Ion Ratio Lower Upper

88 100

43 33.4 25.5 38.3

58 73.1 58.3 87.5

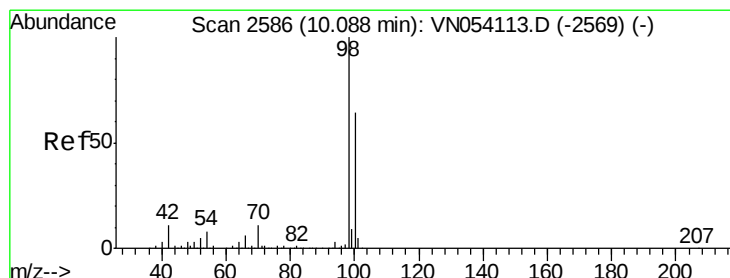
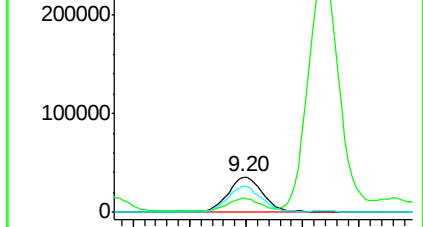
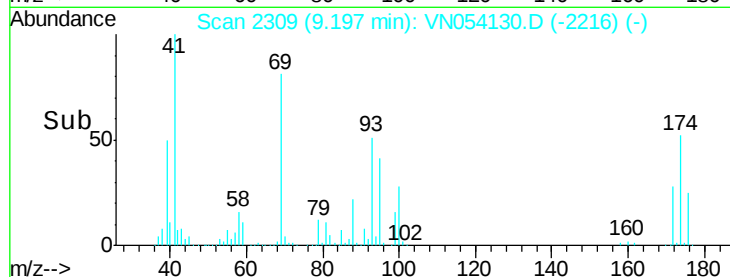


Abundance Ion 88.00 (87.70 to 88.70): VN054130.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN054130.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN054130.D (-2295) (-)

Time-->



#50

Toluene-d8

Concen: 48.790 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054130.D

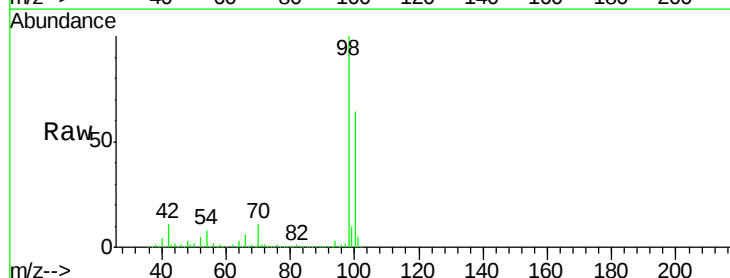
Acq: 6 Mar 2019 21:18

Tgt Ion: 98 Resp: 1336165

Ion Ratio Lower Upper

98 100

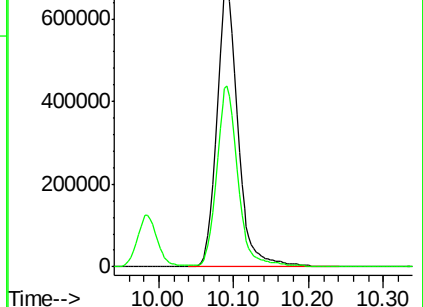
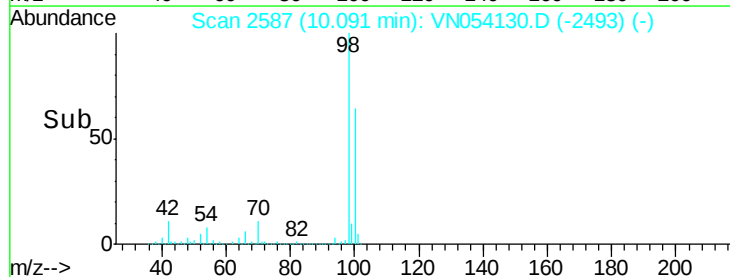
100 64.6 51.7 77.5

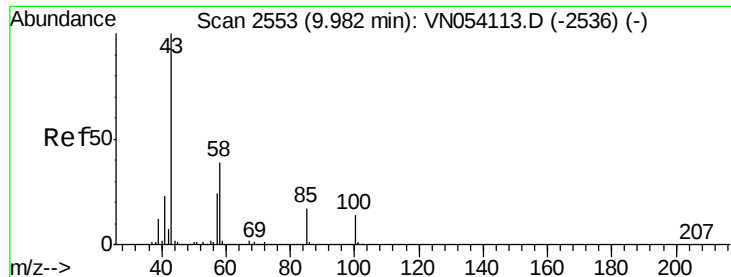


Abundance Ion 98.00 (97.70 to 98.70): VN054130.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN054130.D (-2493) (-)

Time-->

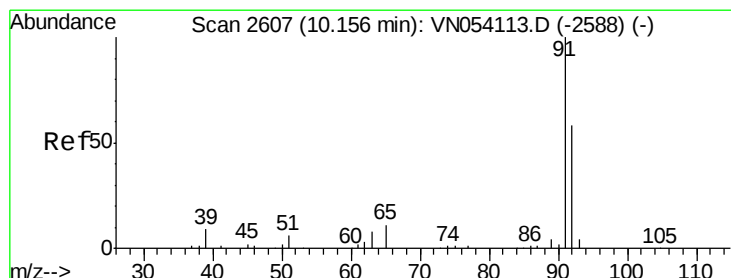
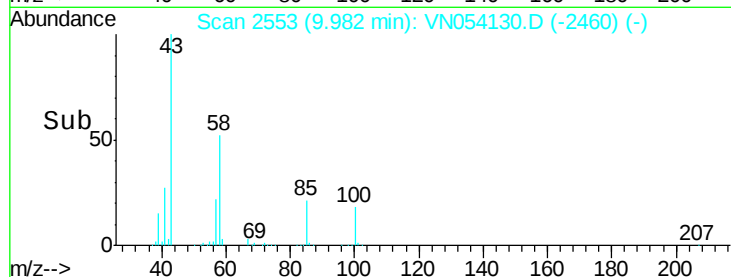
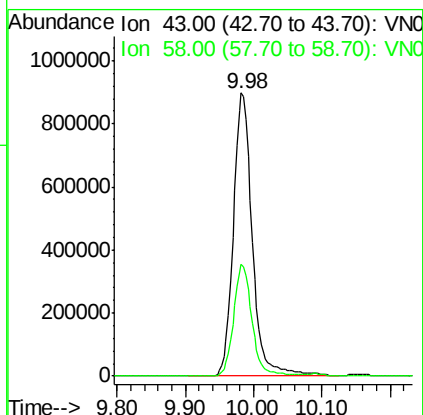
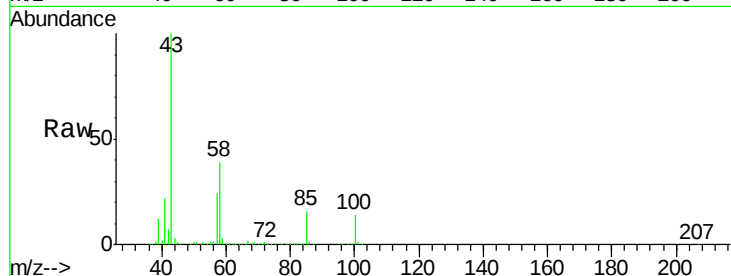




#51
 4-Methyl-2-Pentanone
 Concen: 259.279 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

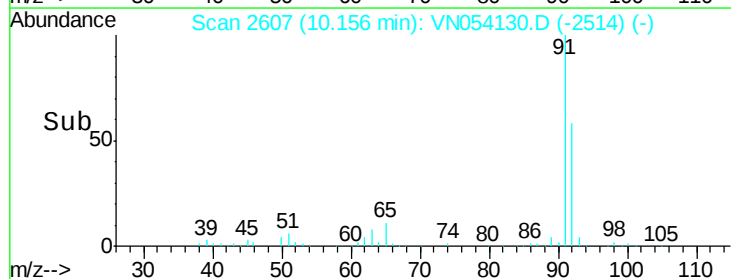
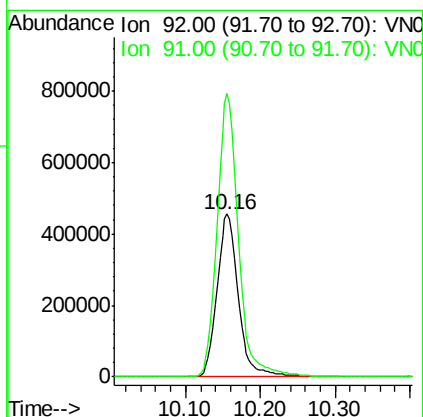
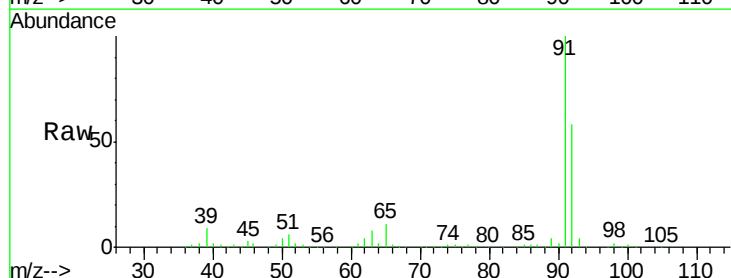
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

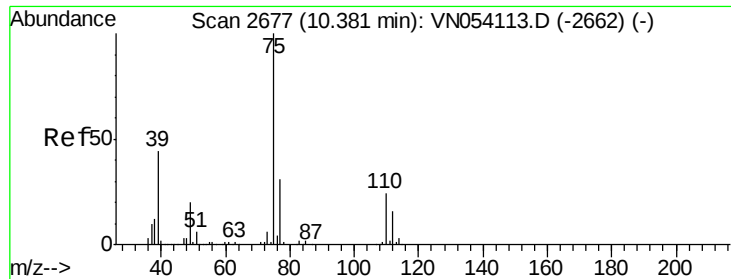
Tgt Ion: 43 Resp: 1725148
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.8 46.2



#52
 Toluene
 Concen: 49.361 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Tgt Ion: 92 Resp: 901726
 Ion Ratio Lower Upper
 92 100
 91 173.7 139.0 208.6

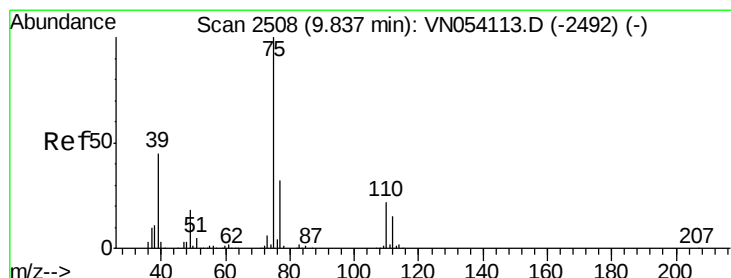
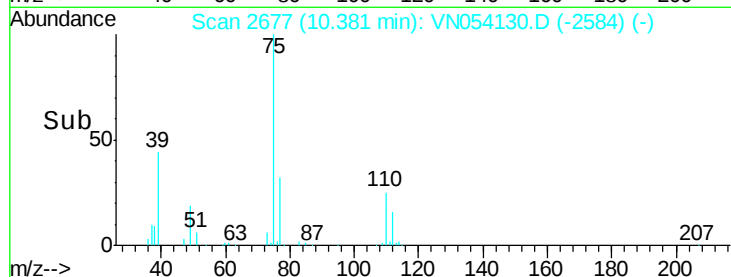
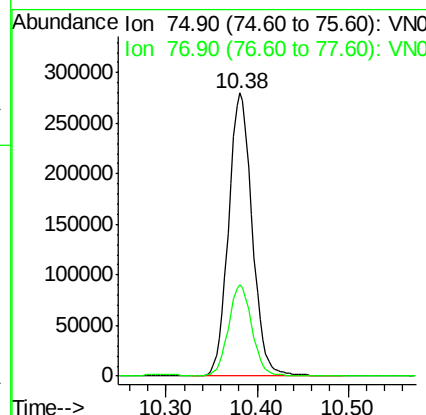
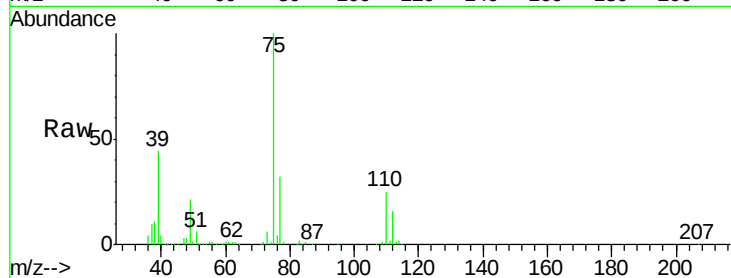




#53
t-1,3-Dichloropropene
Concen: 50.471 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

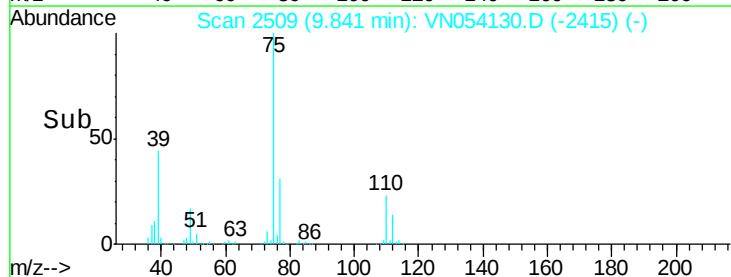
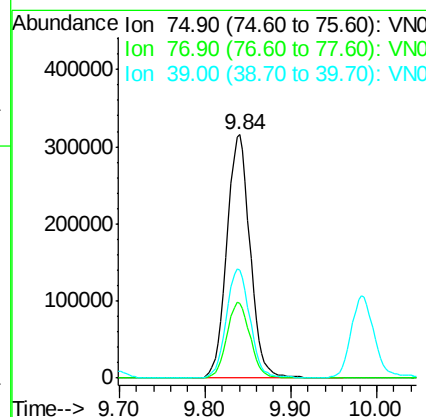
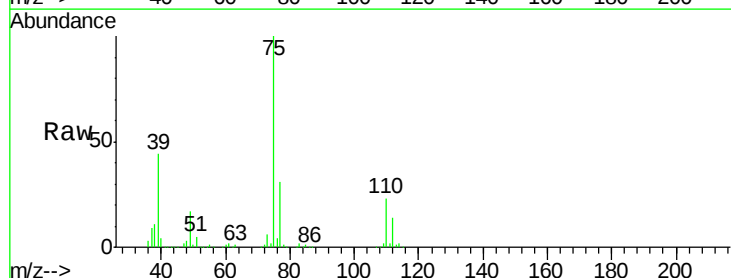
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

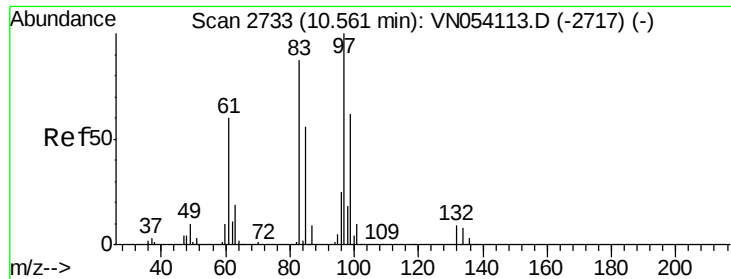
Tgt Ion: 75 Resp: 505937
Ion Ratio Lower Upper
75 100
77 32.4 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 50.244 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

Tgt Ion: 75 Resp: 595271
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 44.5 36.2 54.2

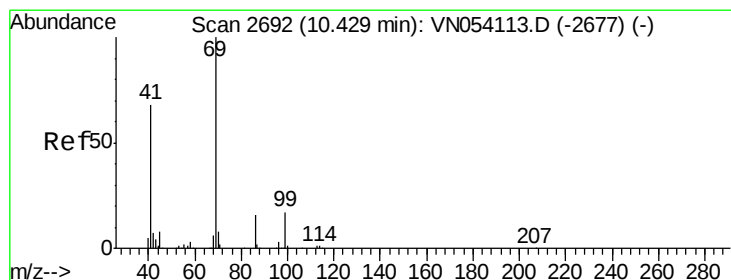
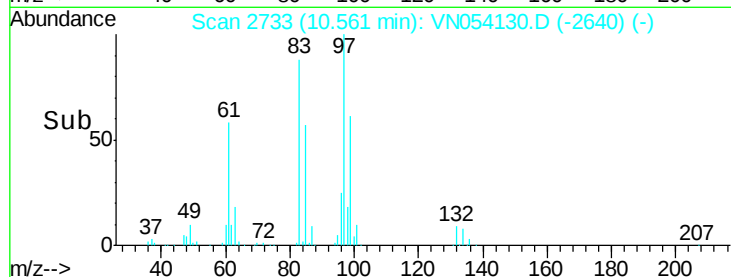
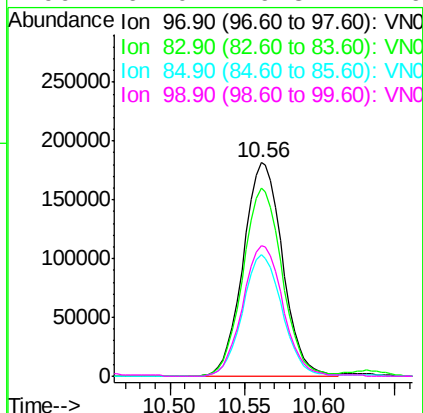
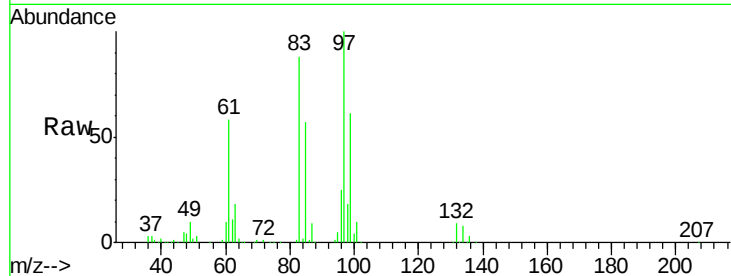




#55
 1,1,2-Trichloroethane
 Concen: 48.537 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

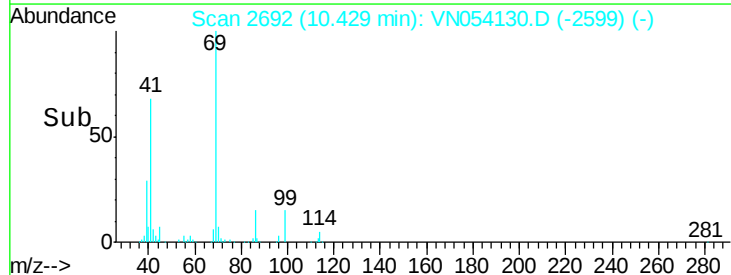
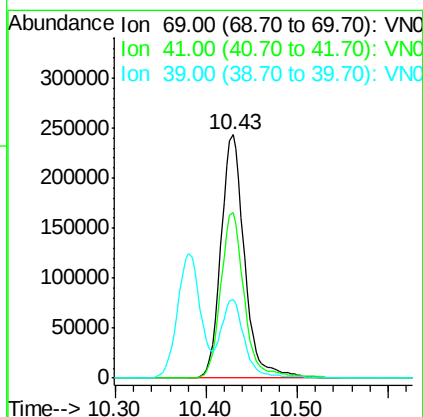
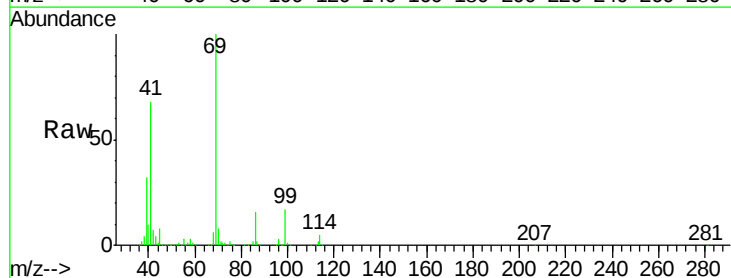
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

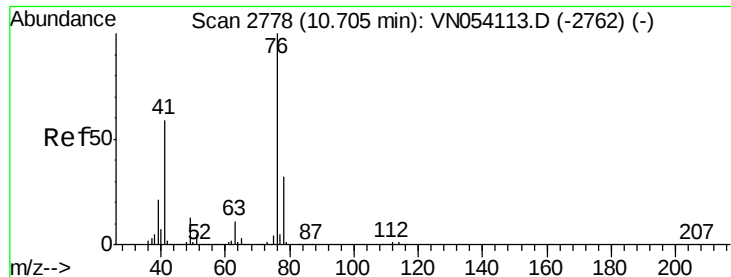
Tgt Ion: 97 Resp: 333889
 Ion Ratio Lower Upper
 97 100
 83 87.8 69.8 104.6
 85 56.9 45.0 67.4
 99 61.0 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 54.287 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Tgt Ion: 69 Resp: 438390
 Ion Ratio Lower Upper
 69 100
 41 67.3 53.4 80.2
 39 32.2 25.6 38.4

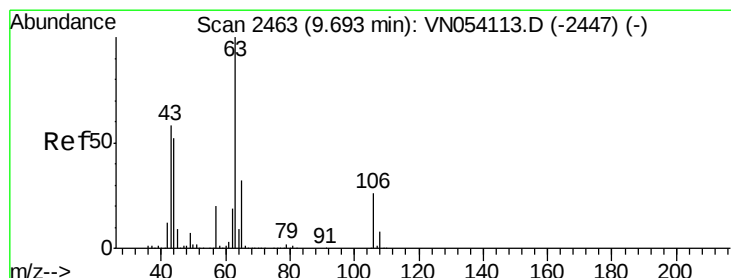
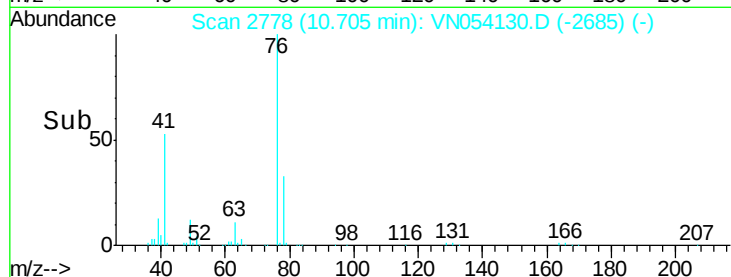
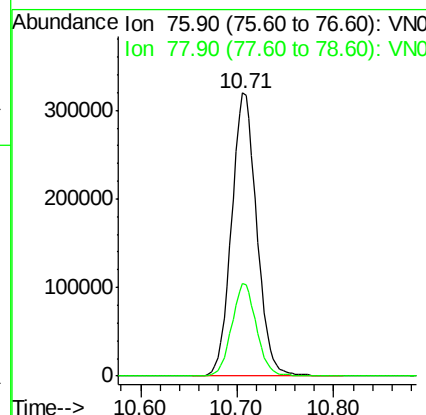
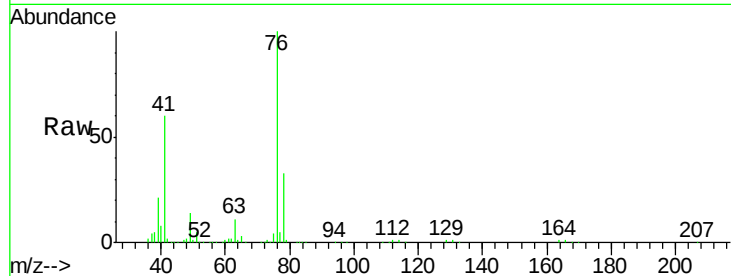




#57
 1,3-Dichloropropane
 Concen: 49.183 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

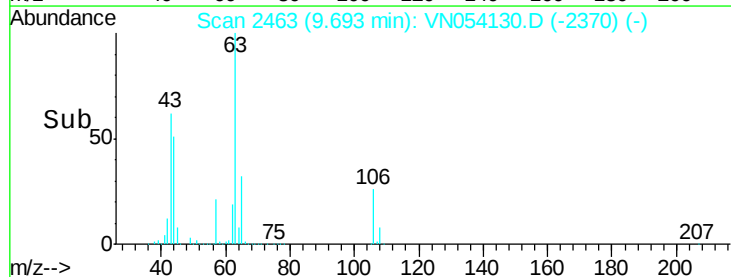
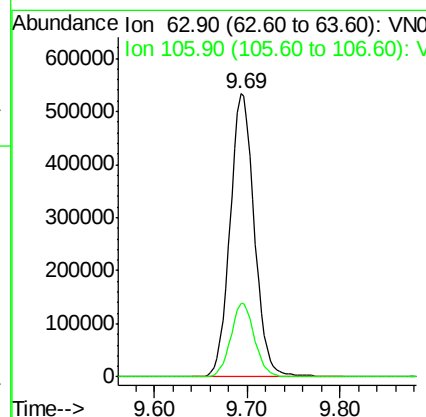
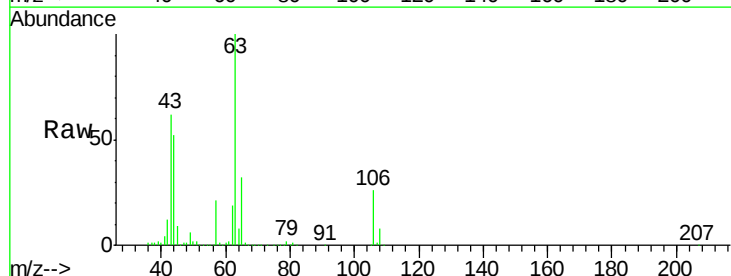
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

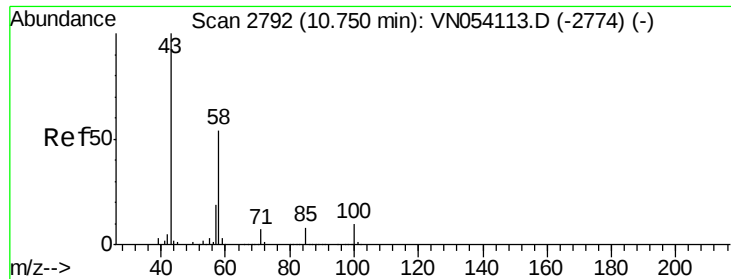
Tgt Ion: 76 Resp: 577269
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.462 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Tgt Ion: 63 Resp: 970123
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.2 30.2

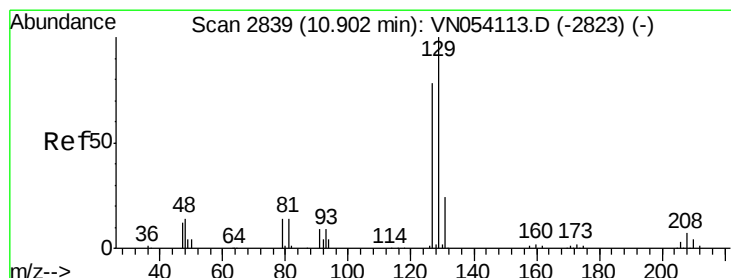
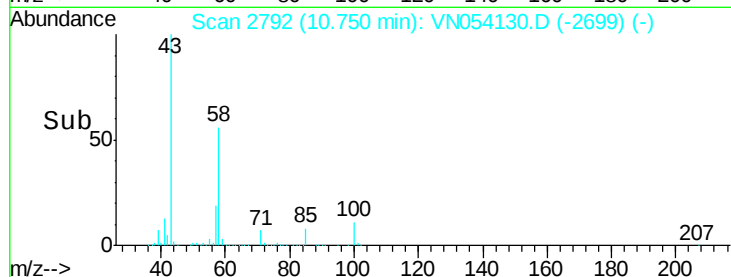
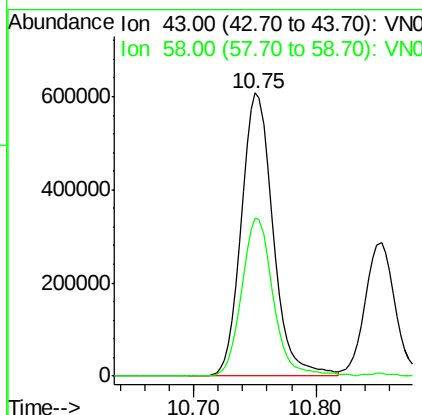
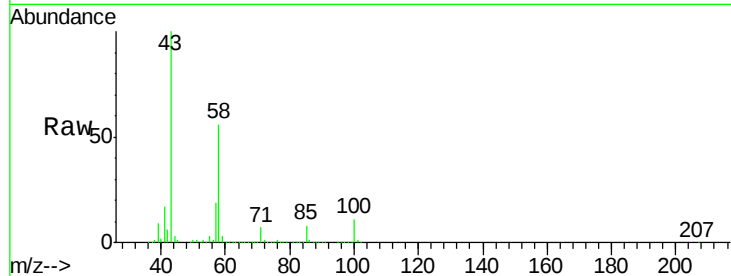




#59
2-Hexanone
Concen: 247.145 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

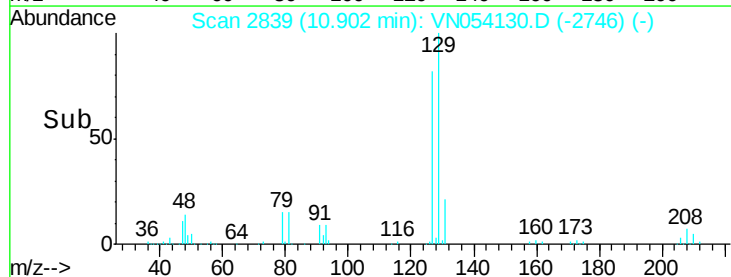
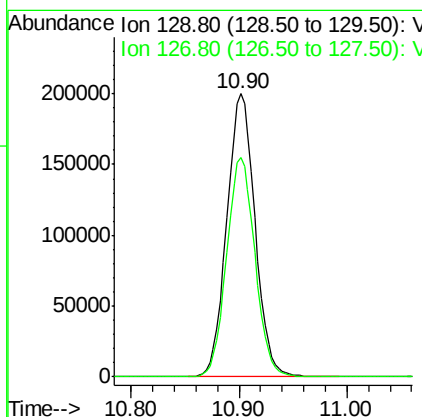
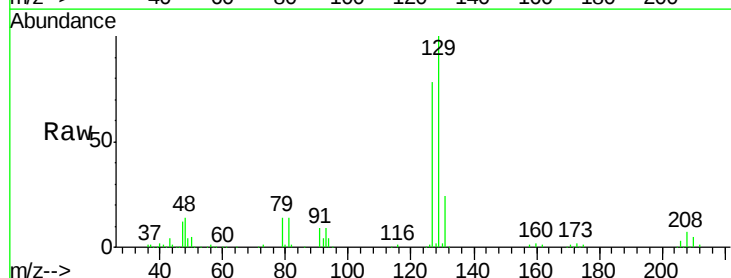
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

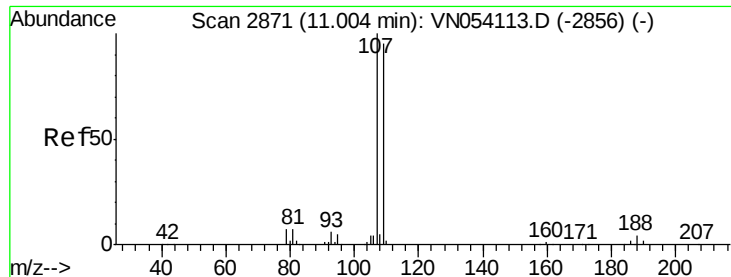
Tgt Ion: 43 Resp: 1084835
Ion Ratio Lower Upper
43 100
58 55.3 27.0 81.0



#60
Dibromochloromethane
Concen: 49.667 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

Tgt Ion: 129 Resp: 365322
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4

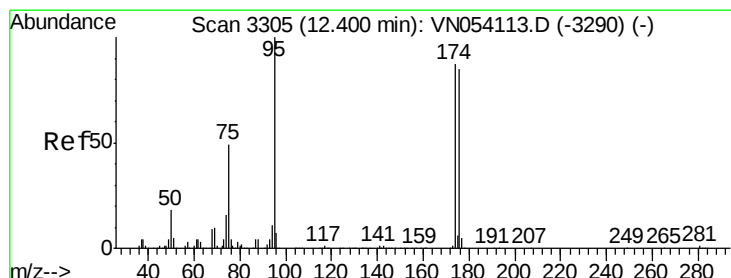
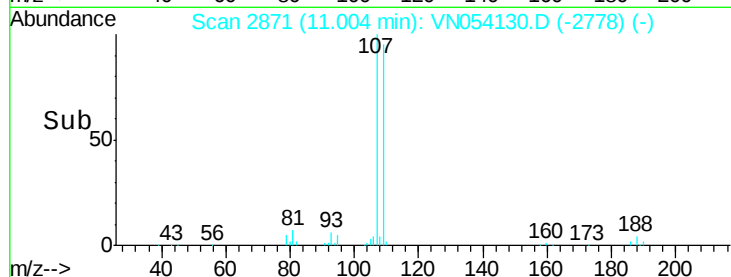
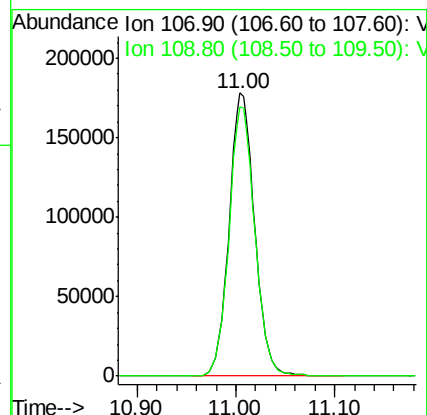
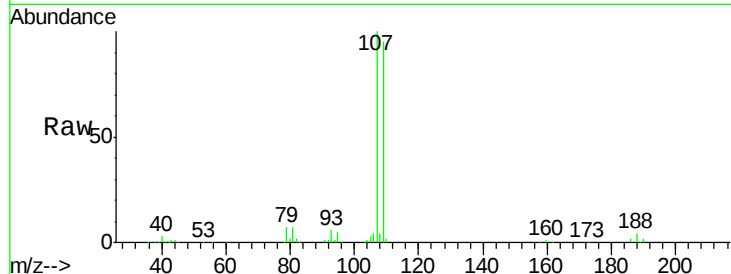




#61
1,2-Dibromoethane
Concen: 49.031 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

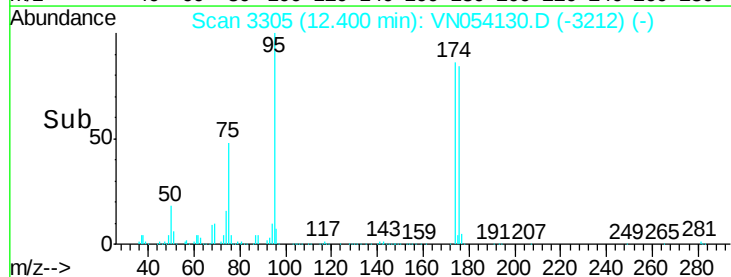
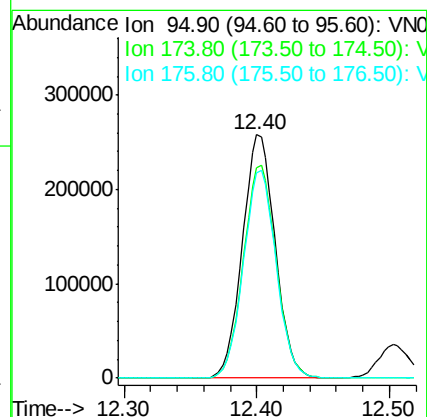
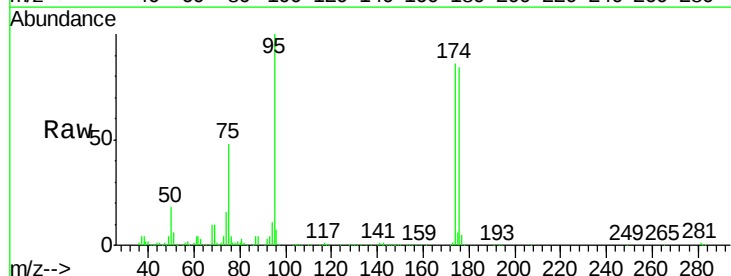
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

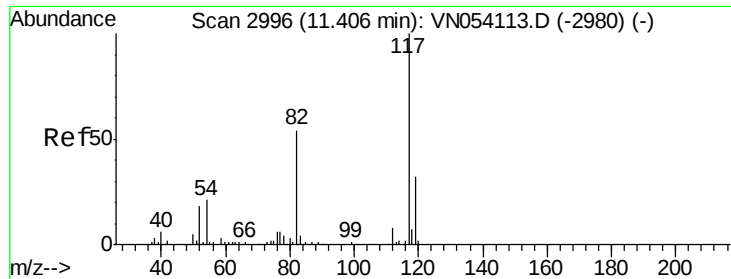
Tgt Ion: 107 Resp: 320931
Ion Ratio Lower Upper
107 100
109 96.2 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 49.743 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

Tgt Ion: 95 Resp: 443508
Ion Ratio Lower Upper
95 100
174 87.2 0.0 173.2
176 85.0 0.0 168.8

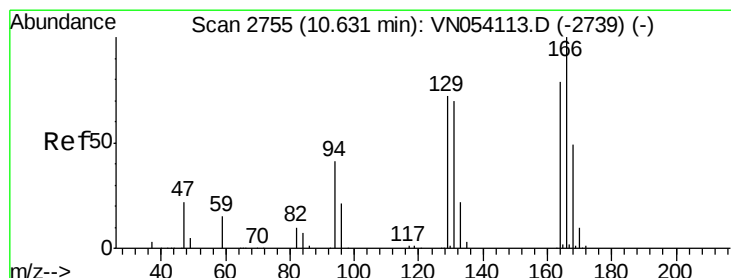
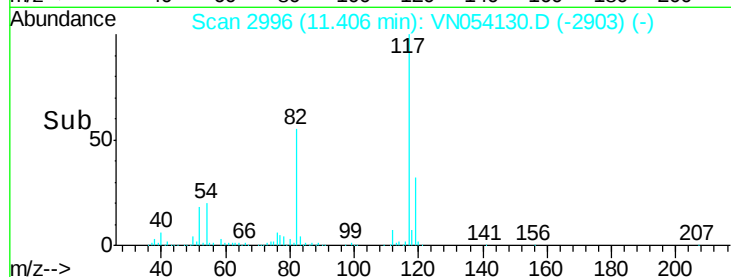
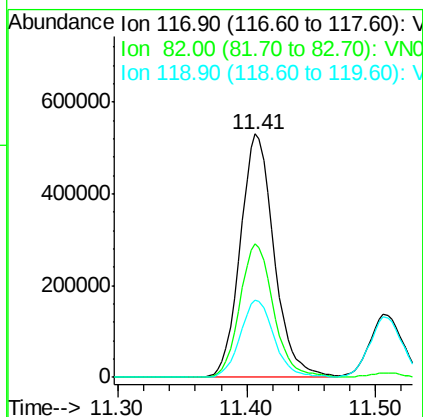
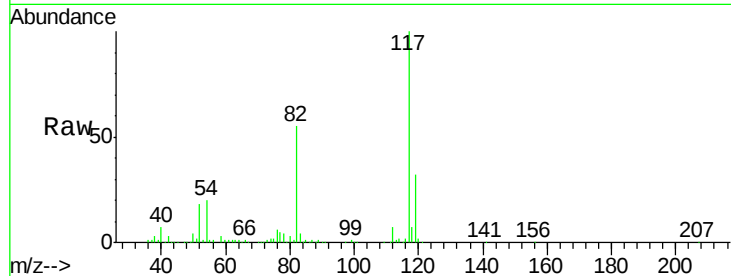




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

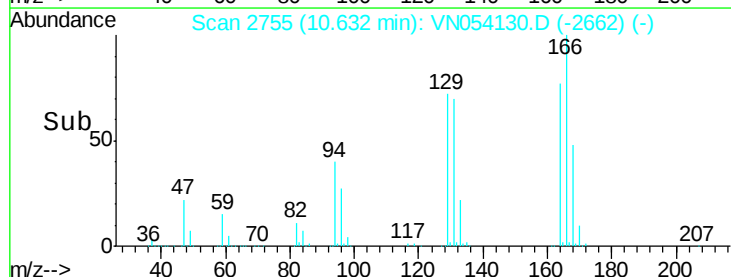
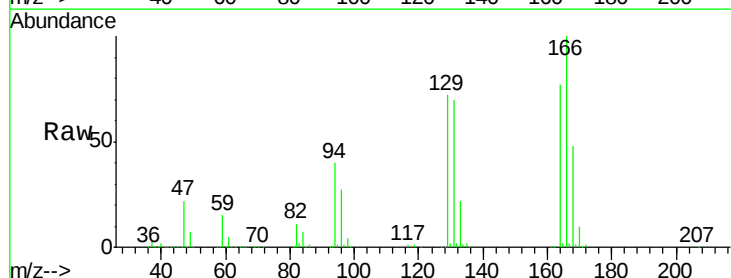
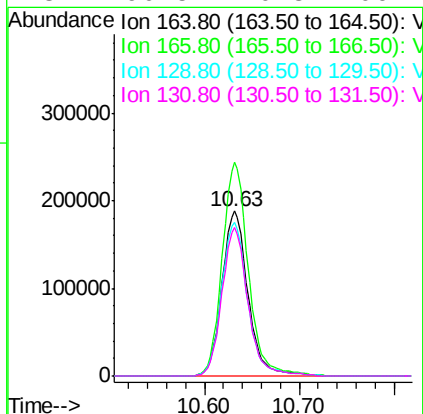
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

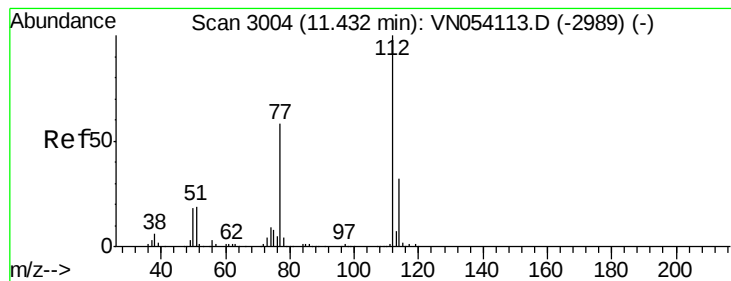
Tgt Ion:117 Resp: 968984
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.2
119 31.9 26.0 39.0



#64
Tetrachloroethene
Concen: 45.295 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

Tgt Ion:164 Resp: 360195
Ion Ratio Lower Upper
164 100
166 129.6 101.3 151.9
129 93.5 73.2 109.8
131 90.5 70.8 106.2





#65

Chlorobenzene

Concen: 47.723 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

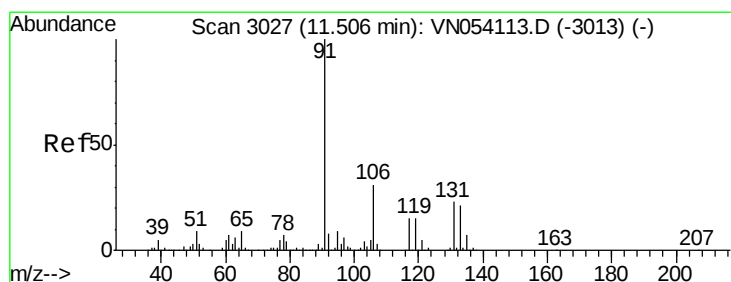
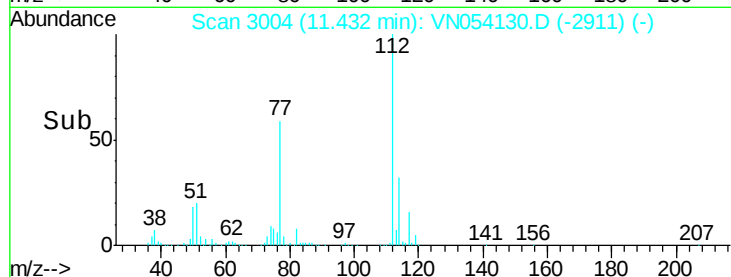
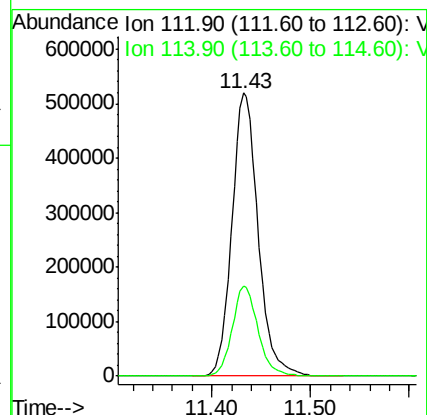
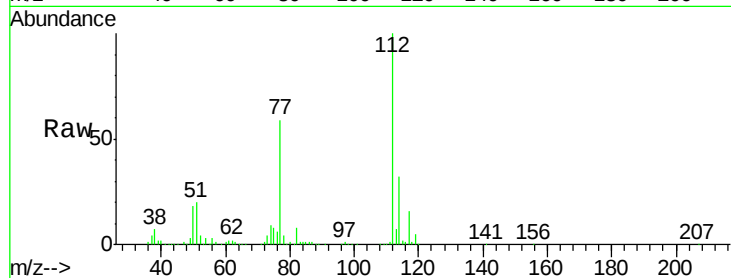
VSTDCCC050EC

Tgt Ion:112 Resp: 962332

Ion Ratio Lower Upper

112 100

114 32.0 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 48.460 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

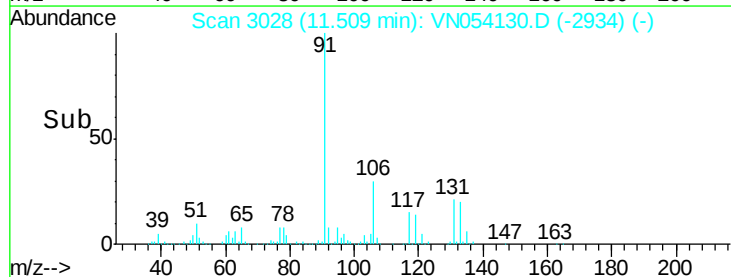
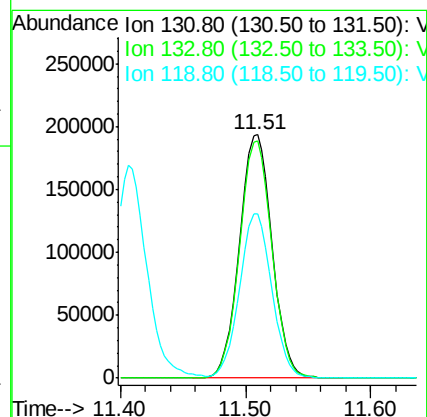
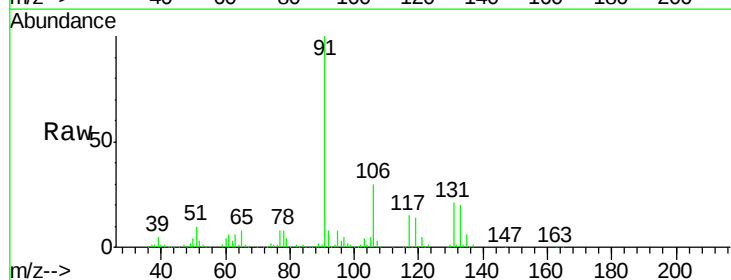
Tgt Ion:131 Resp: 349804

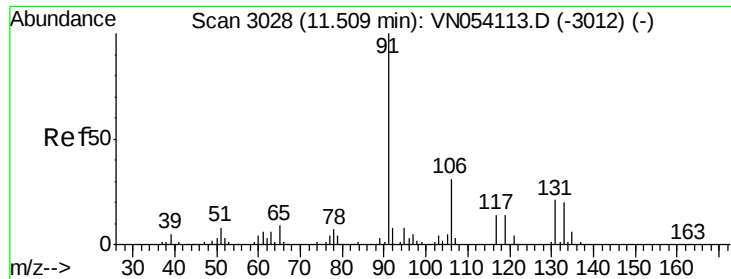
Ion Ratio Lower Upper

131 100

133 96.9 47.6 142.9

119 67.0 33.8 101.3

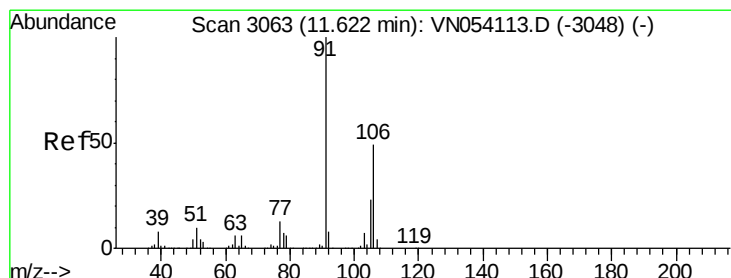
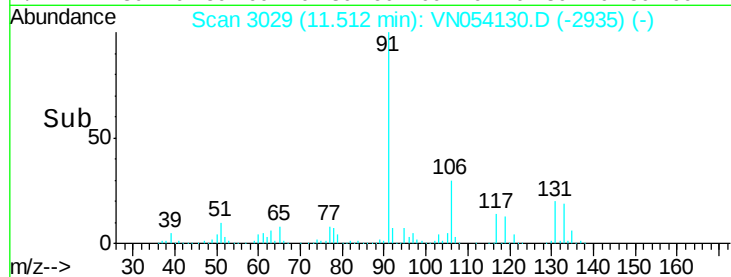
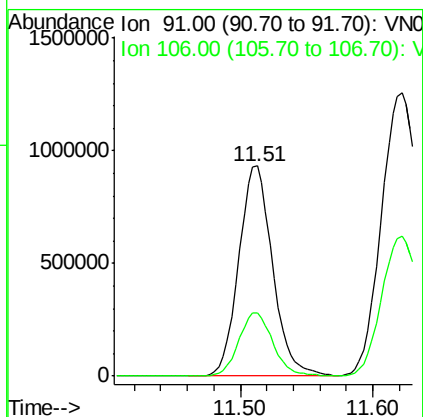
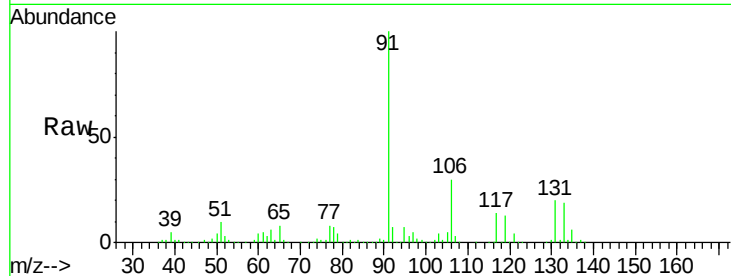




#67
Ethyl Benzene
Concen: 49.133 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

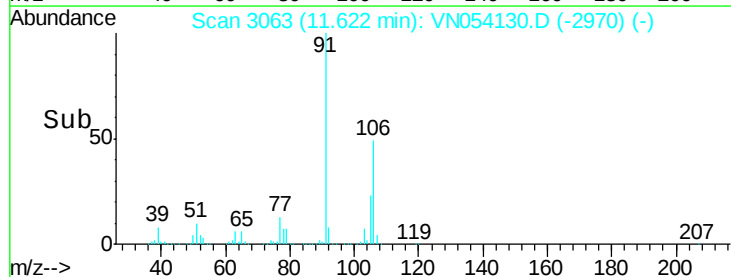
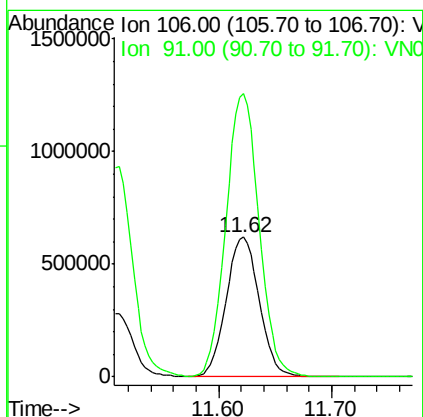
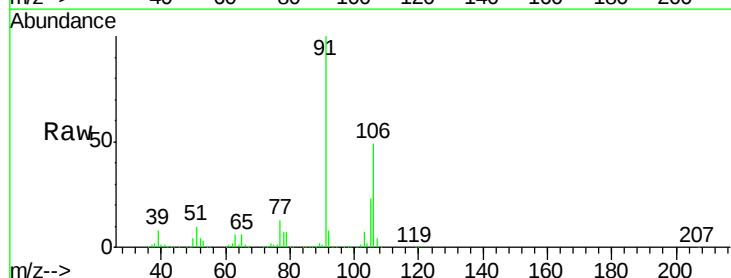
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

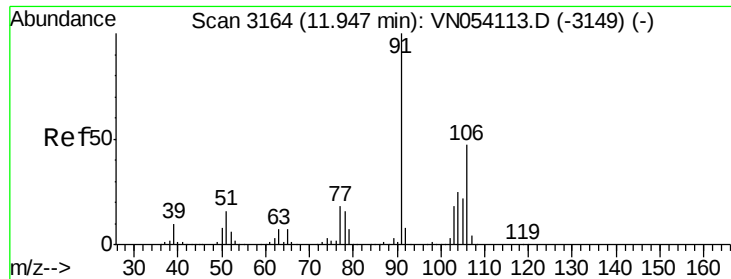
Tgt Ion: 91 Resp: 1657915
Ion Ratio Lower Upper
91 100
106 30.1 24.6 36.8



#68
m/p-Xylenes
Concen: 99.231 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

Tgt Ion: 106 Resp: 1263594
Ion Ratio Lower Upper
106 100
91 202.9 163.2 244.8

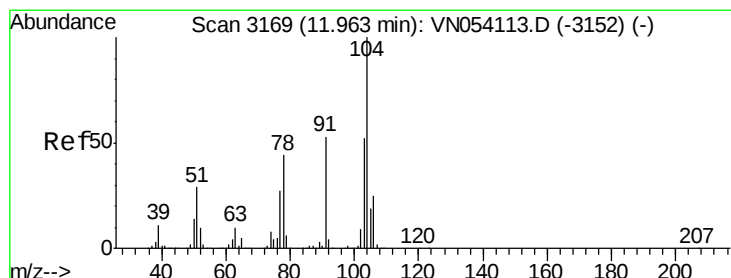
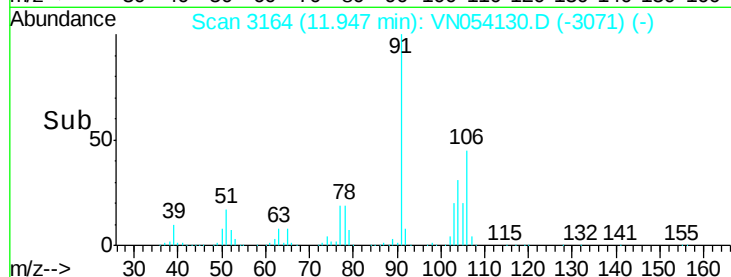
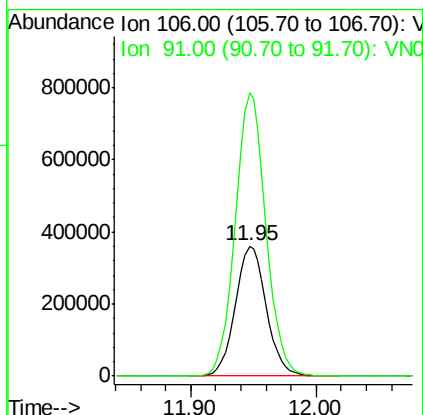
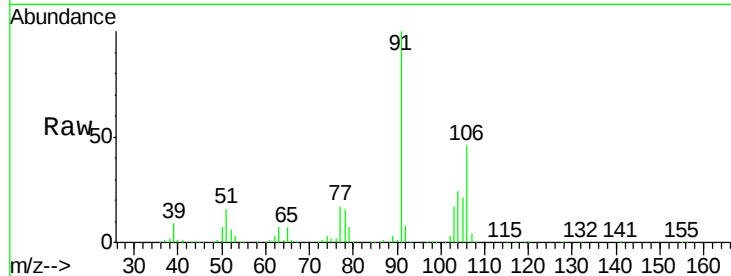




#69
o-Xylene
Concen: 50.244 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

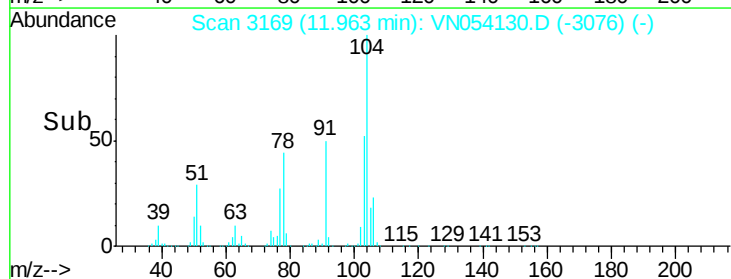
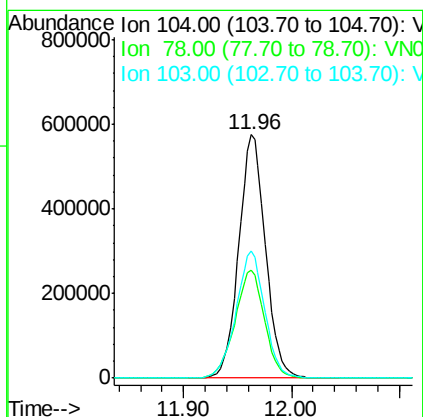
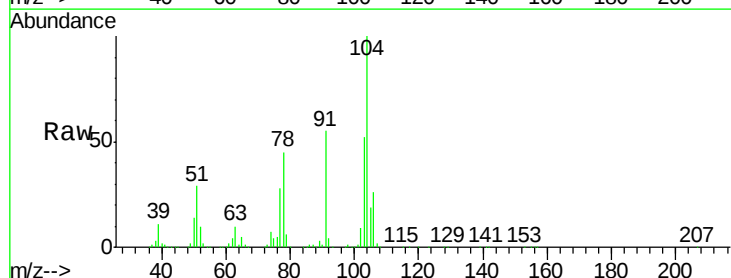
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

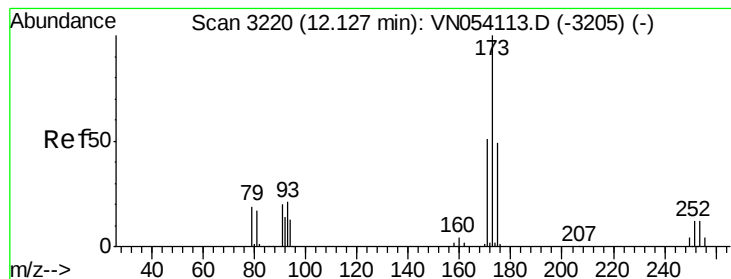
Tgt Ion:106 Resp: 615661
Ion Ratio Lower Upper
106 100
91 215.8 107.1 321.3



#70
Styrene
Concen: 50.987 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

Tgt Ion:104 Resp: 991743
Ion Ratio Lower Upper
104 100
78 49.2 39.4 59.0
103 56.0 44.7 67.1





#71

Bromoform

Concen: 50.486 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

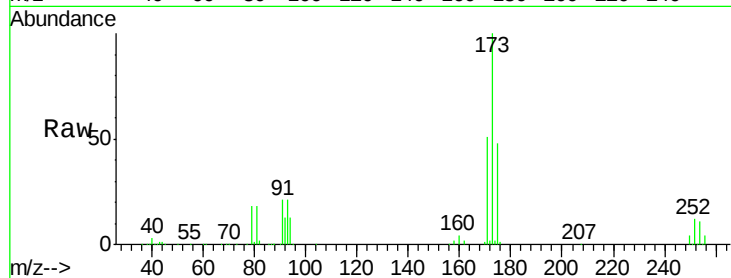
Tgt Ion:173 Resp: 250814

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.2

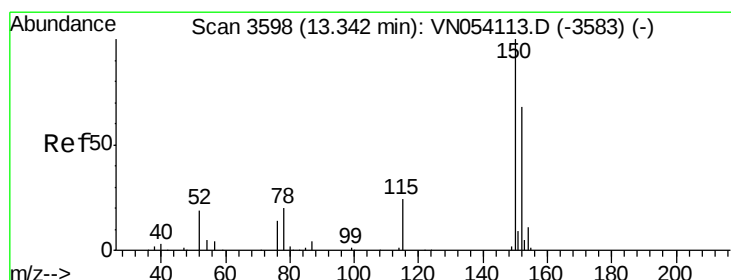
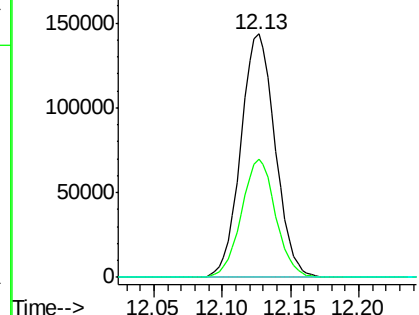
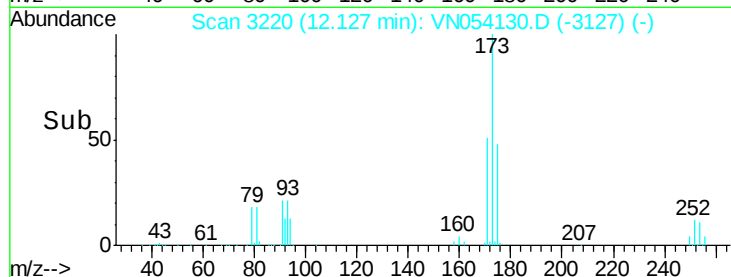
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

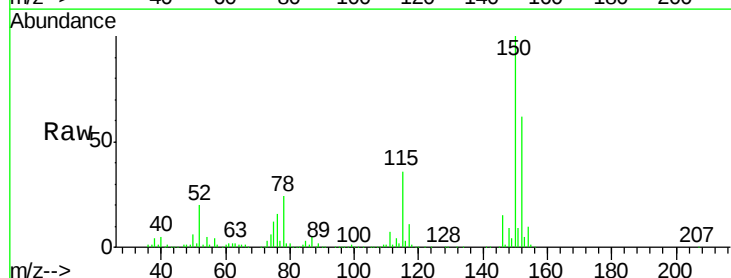
Tgt Ion:152 Resp: 430595

Ion Ratio Lower Upper

152 100

115 57.7 28.5 85.6

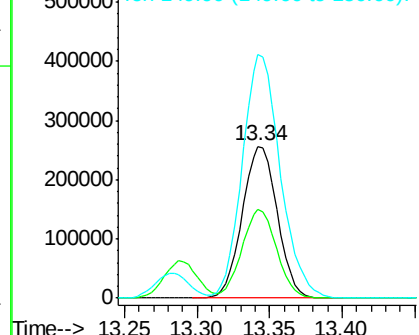
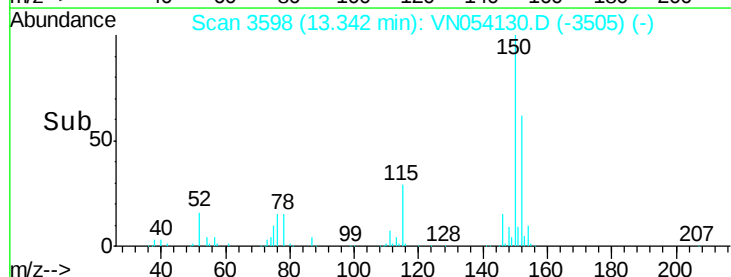
150 173.9 0.0 343.2

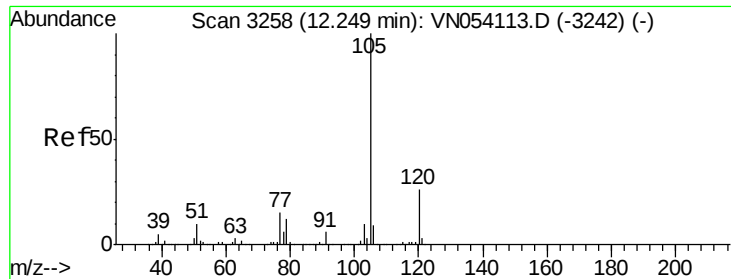


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.849 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

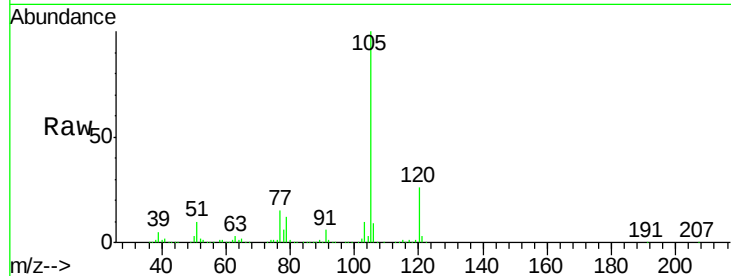
VSTDCCC050EC

Tgt Ion:105 Resp: 1605120

Ion Ratio Lower Upper

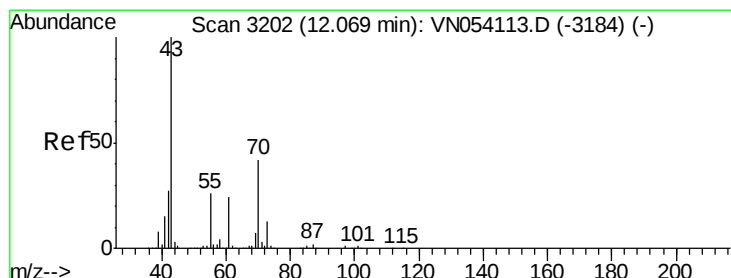
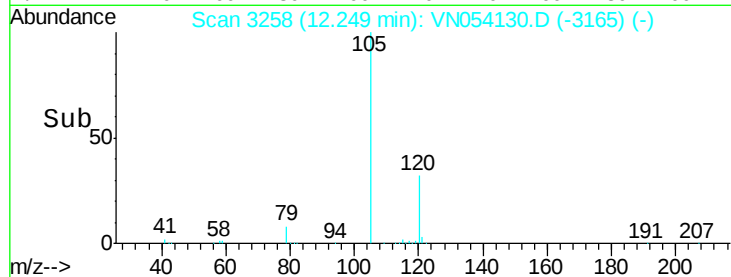
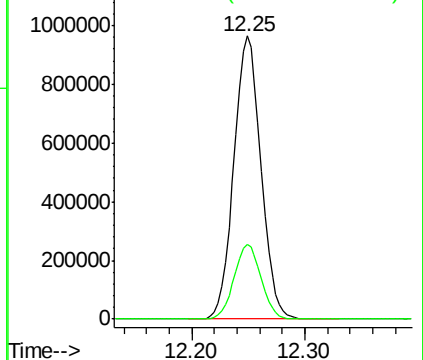
105 100

120 26.3 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: 54.079 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Tgt Ion: 43 Resp: 490714

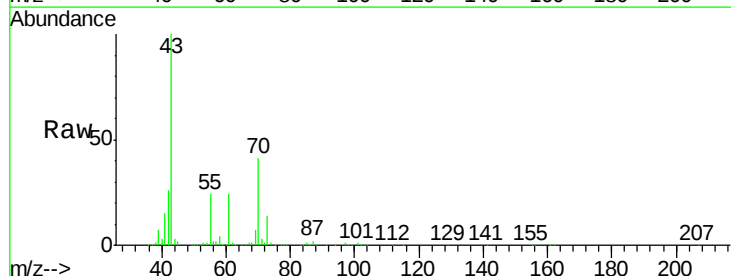
Ion Ratio Lower Upper

43 100

70 41.3 33.6 50.4

55 24.8 20.6 31.0

61 24.4 19.4 29.2

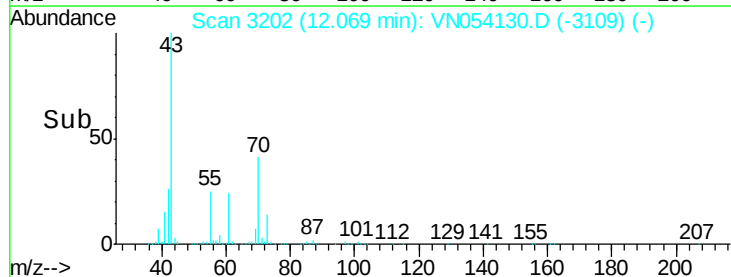
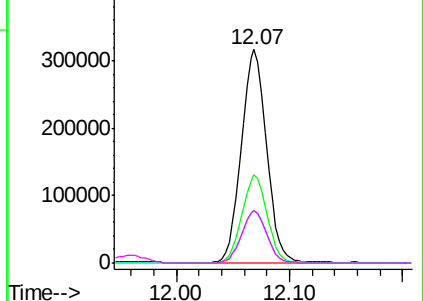


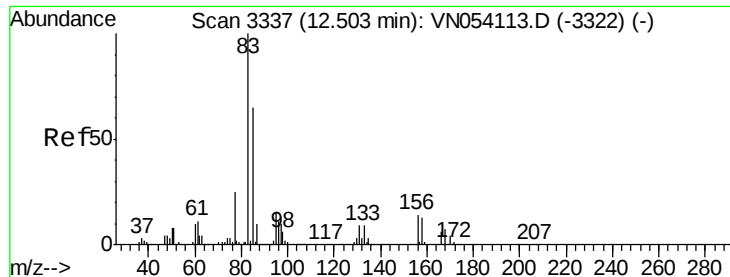
Abundance Ion 43.00 (42.70 to 43.70): V

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

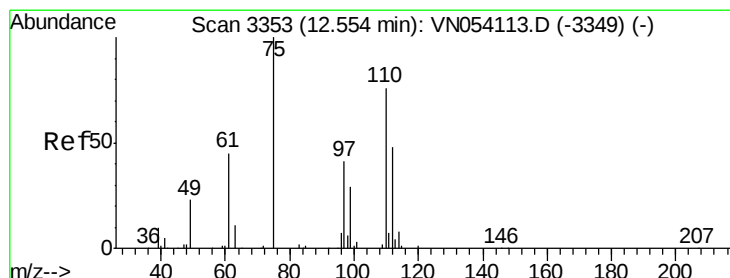
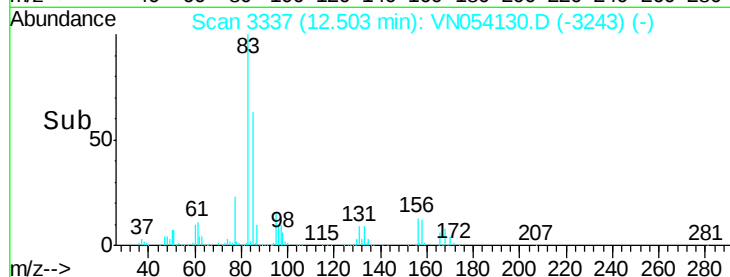
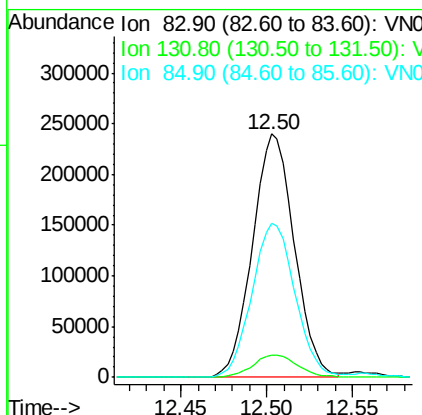
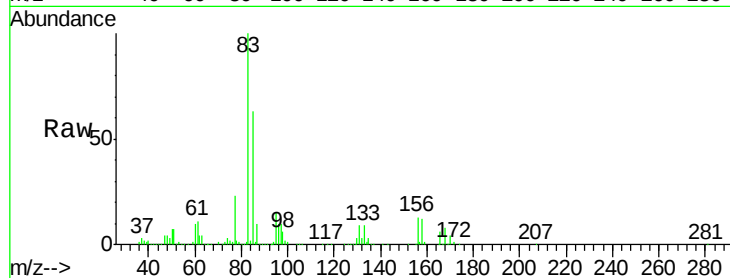




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.315 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

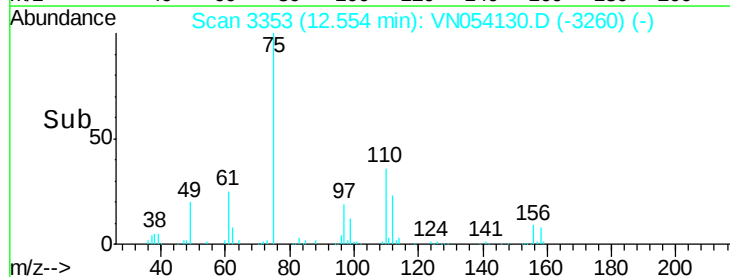
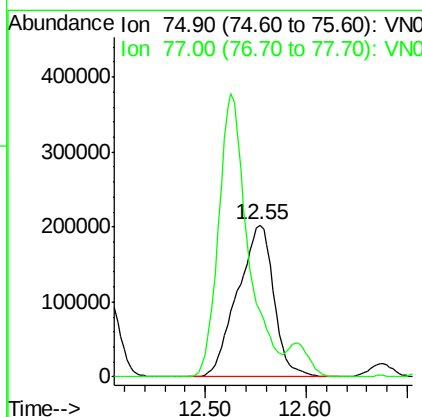
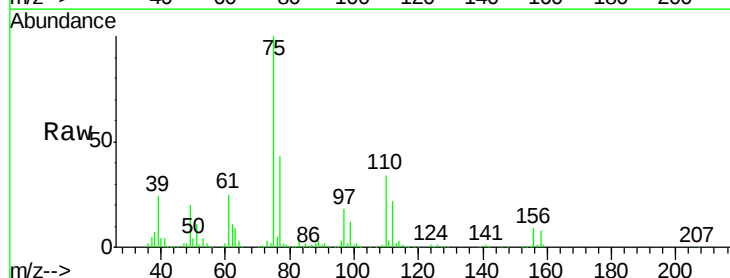
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

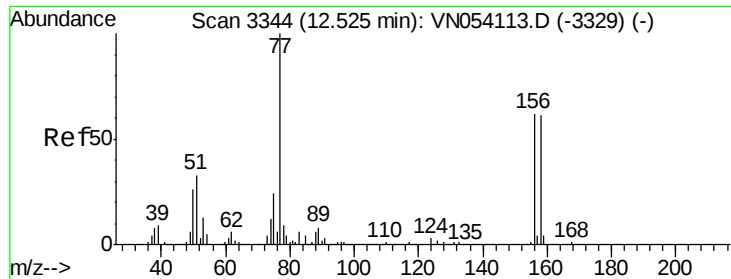
Tgt Ion: 83 Resp: 405019
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 65.0 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 68.730 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Tgt Ion: 75 Resp: 504357
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.459 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

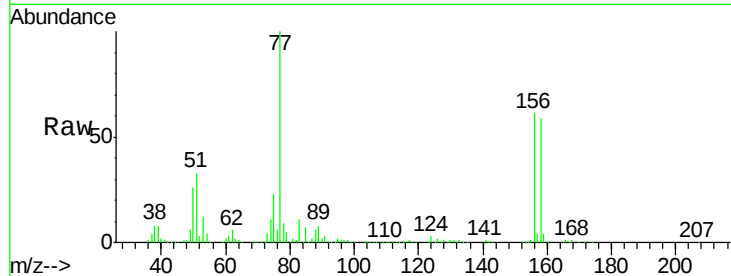
Tgt Ion:156 Resp: 414147

Ion Ratio Lower Upper

156 100

77 186.3 93.6 280.8

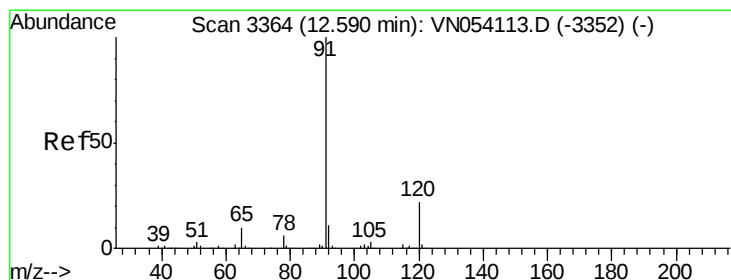
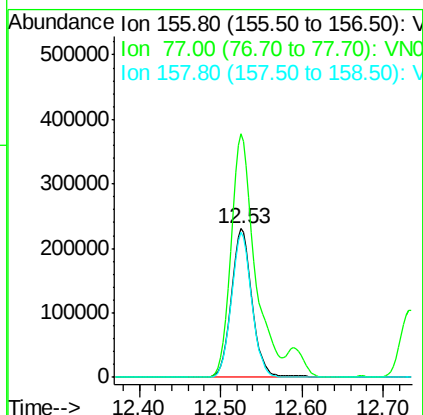
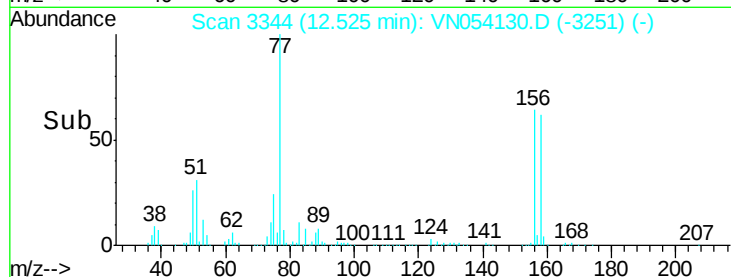
158 94.8 48.4 145.0



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: 48.072 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054130.D

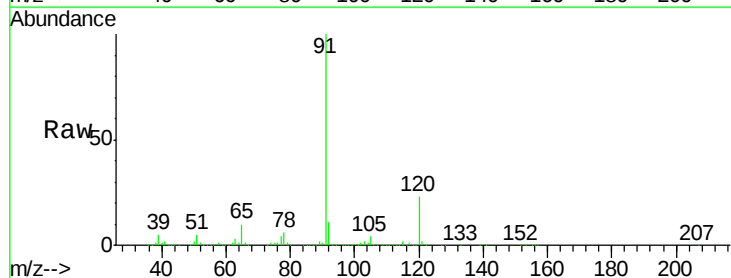
Acq: 6 Mar 2019 21:18

Tgt Ion: 91 Resp: 1853320

Ion Ratio Lower Upper

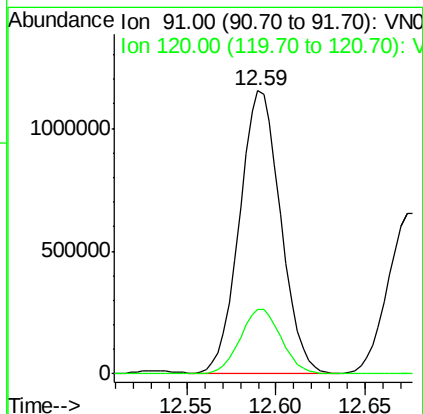
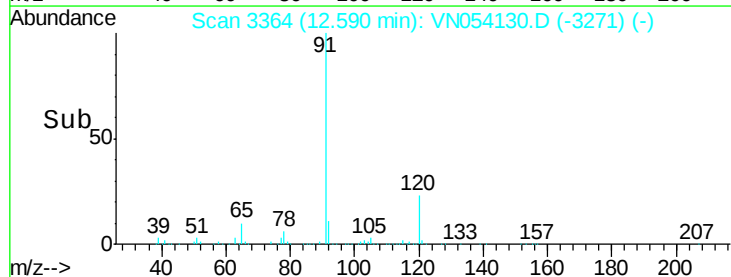
91 100

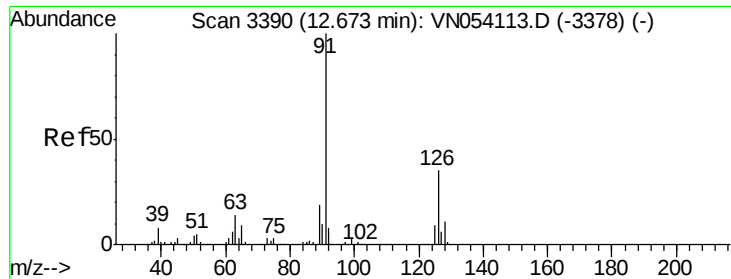
120 22.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

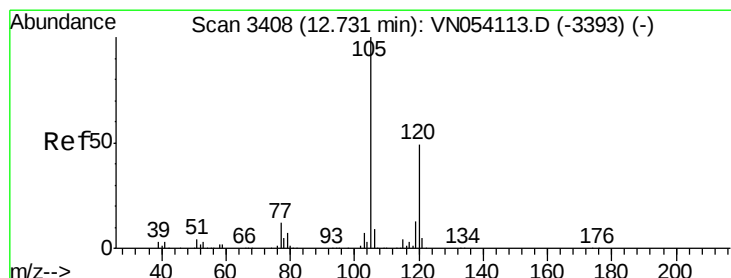
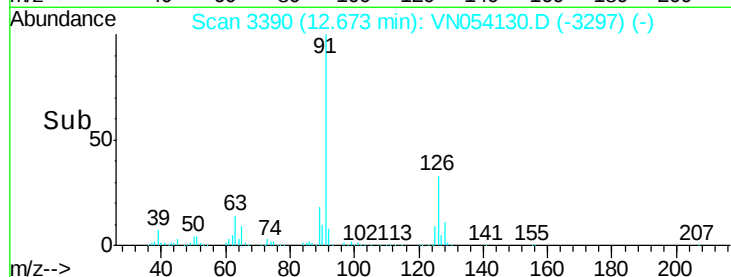
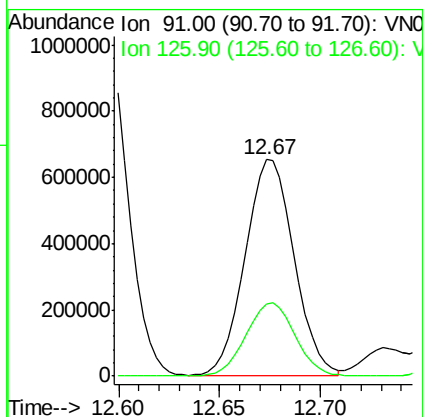
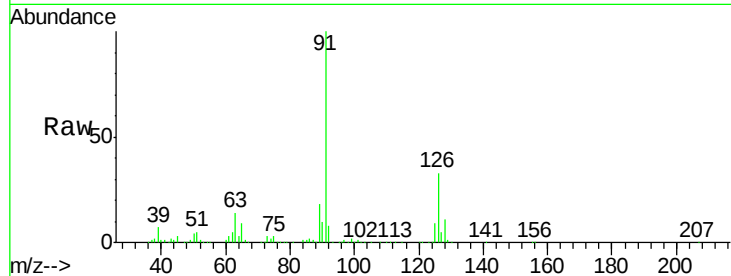




#79
2-Chlorotoluene
Concen: 47.349 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

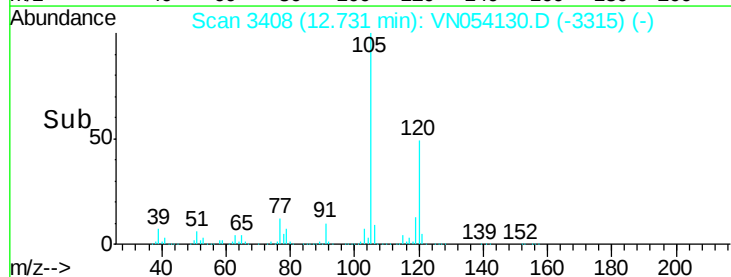
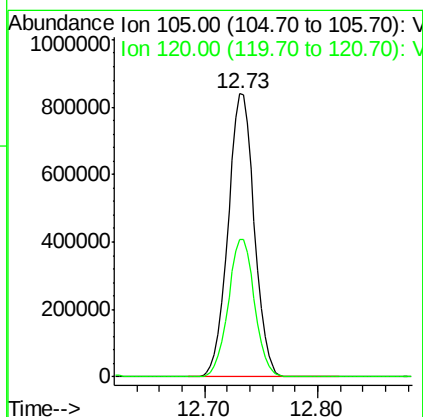
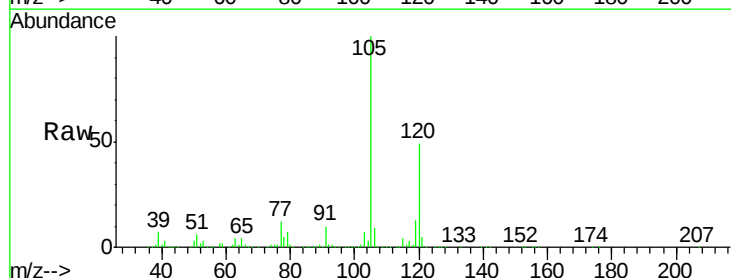
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

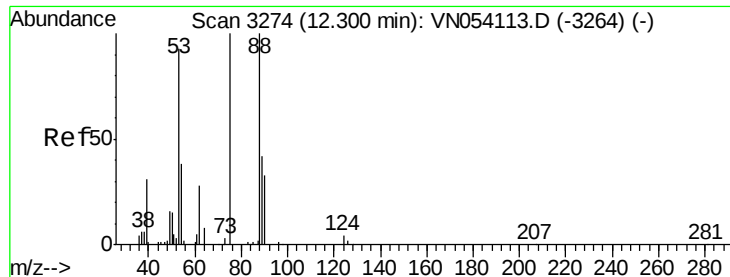
Tgt Ion: 91 Resp: 1108687
Ion Ratio Lower Upper
91 100
126 34.2 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 48.427 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

Tgt Ion: 105 Resp: 1348757
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.082 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

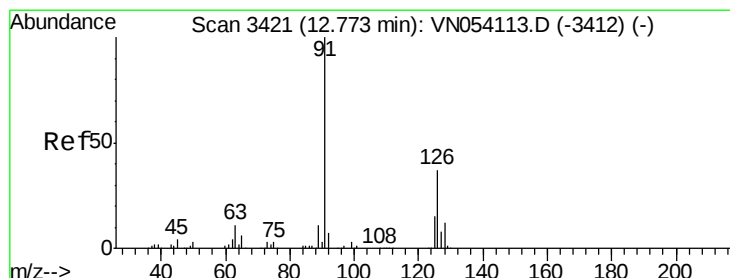
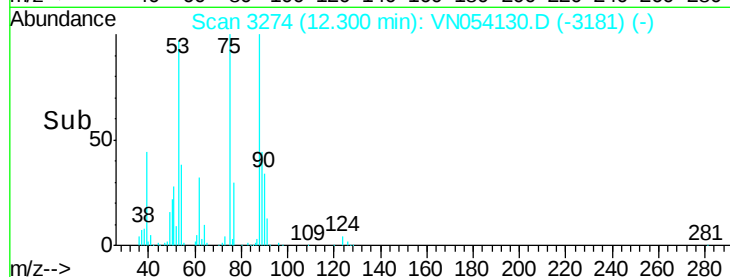
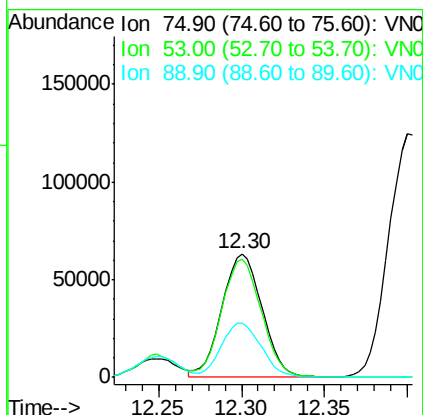
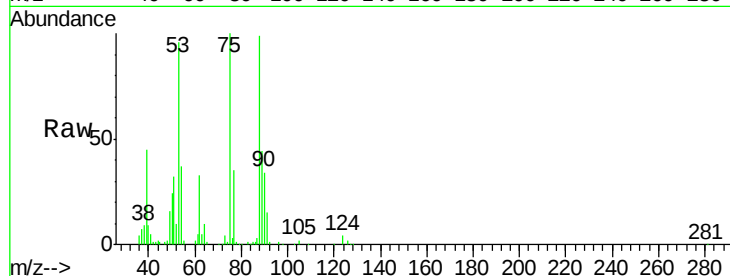
Tgt Ion: 75 Resp: 107017

Ion Ratio Lower Upper

75 100

53 94.7 76.4 114.6

89 43.9 35.3 52.9



#82

4-Chlorotoluene

Concen: 47.522 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054130.D

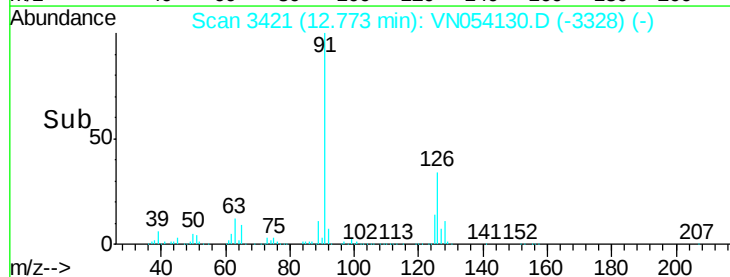
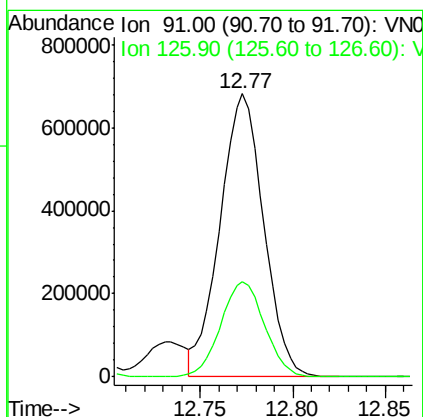
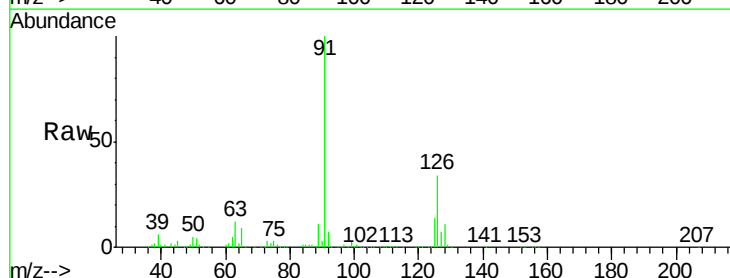
Acq: 6 Mar 2019 21:18

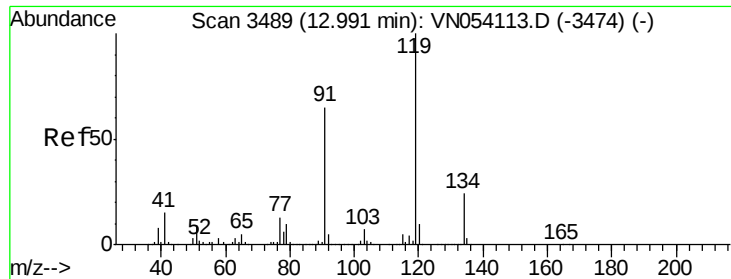
Tgt Ion: 91 Resp: 1109258

Ion Ratio Lower Upper

91 100

126 34.0 17.1 51.3

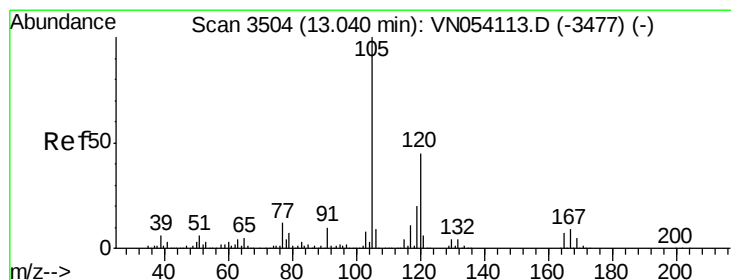
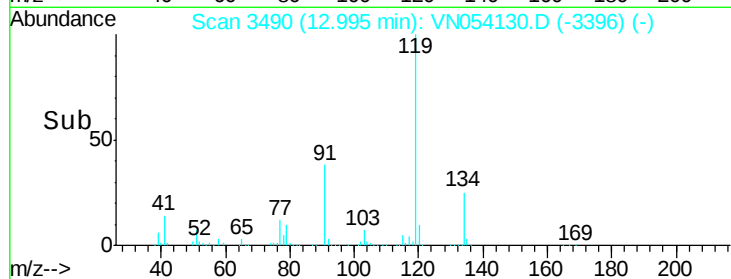
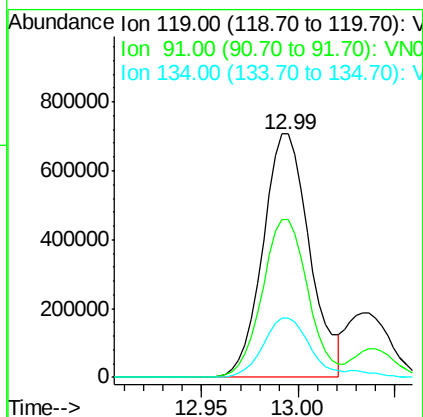
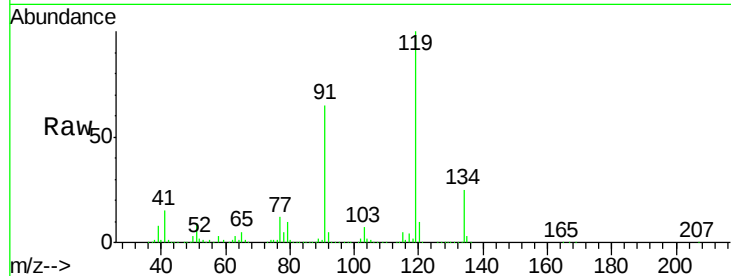




#83
 tert-Butylbenzene
 Concen: 48.169 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

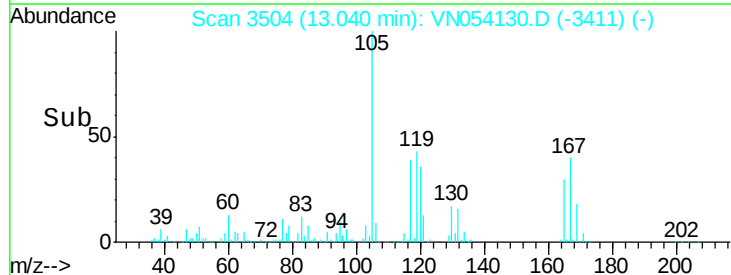
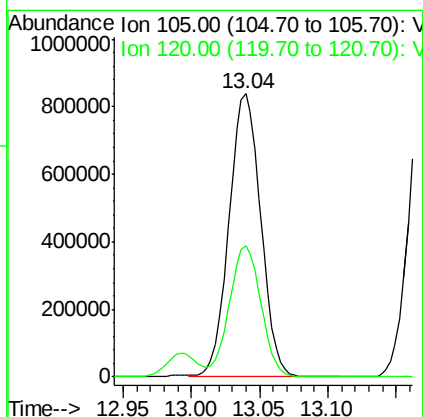
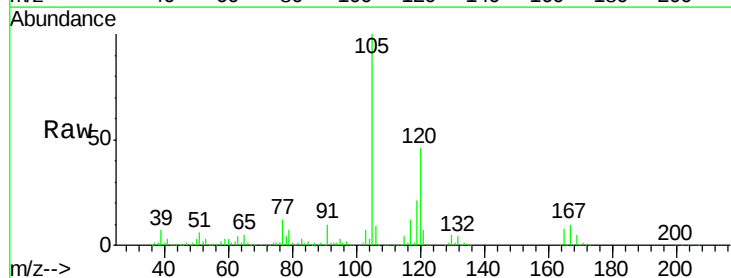
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

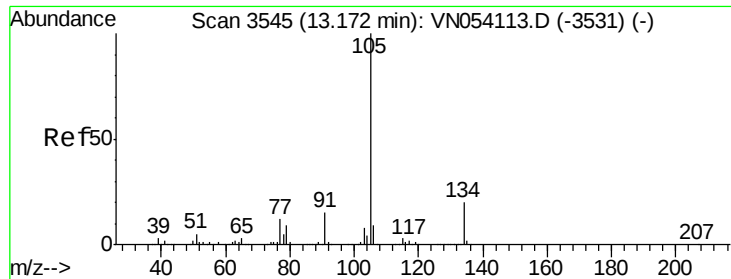
Tgt Ion:119 Resp: 1188084
 Ion Ratio Lower Upper
 119 100
 91 63.1 31.8 95.3
 134 25.9 12.8 38.3



#84
 1,2,4-Trimethylbenzene
 Concen: 48.896 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Tgt Ion:105 Resp: 1351652
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.6 67.7

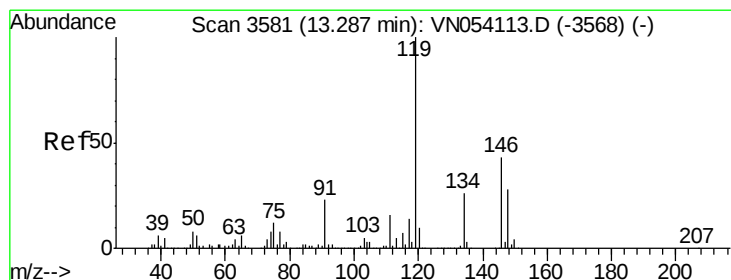
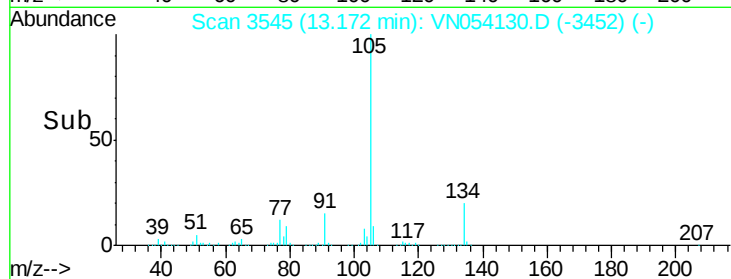
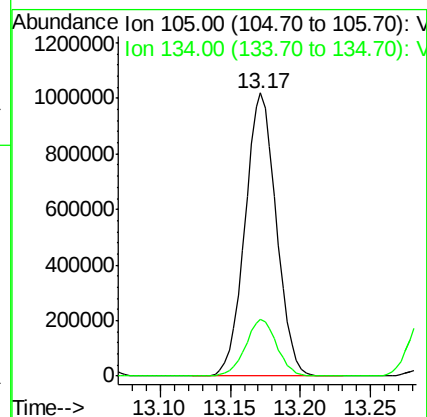
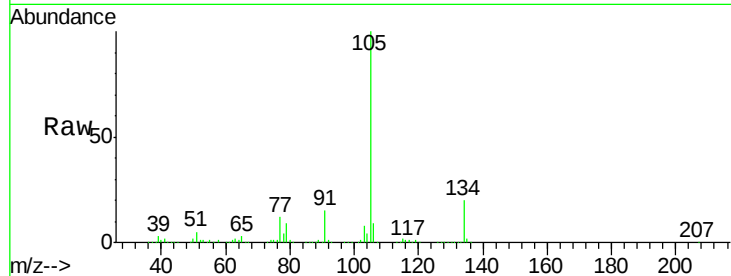




#85
 sec-Butylbenzene
 Concen: 47.213 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

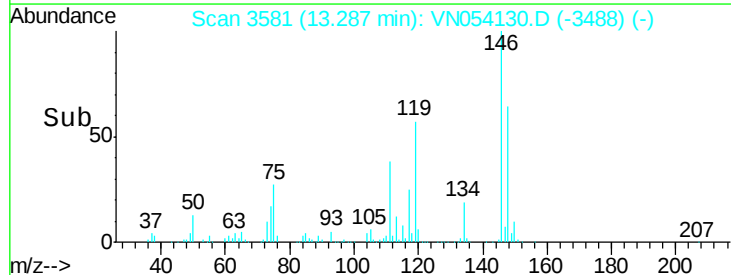
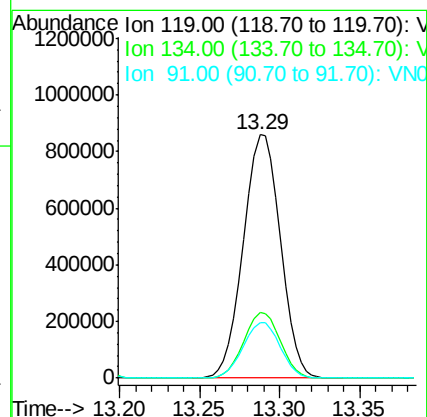
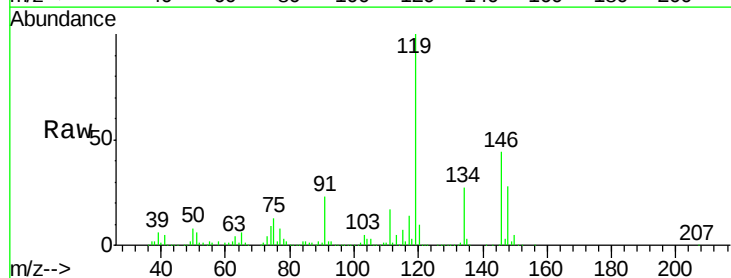
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

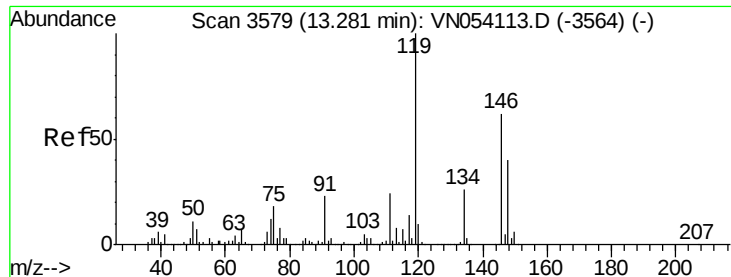
Tgt Ion:105 Resp: 1580300
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 48.176 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Tgt Ion:119 Resp: 1355632
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 22.7 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 46.722 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

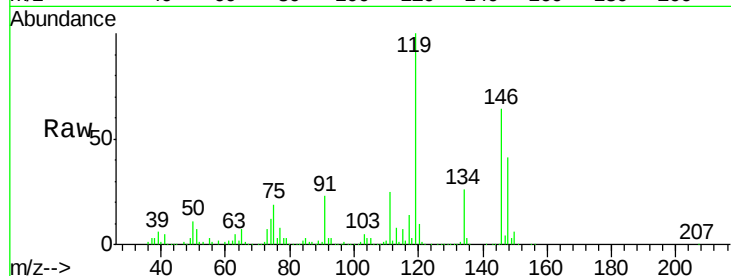
Tgt Ion:146 Resp: 700536

Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.8

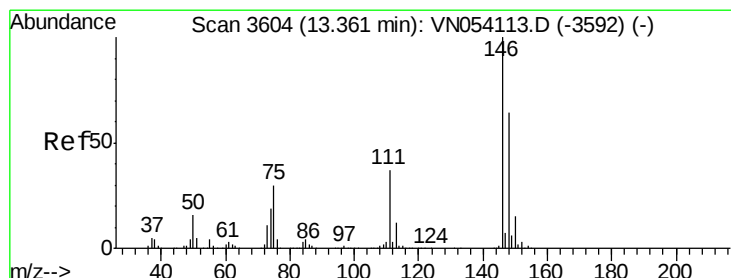
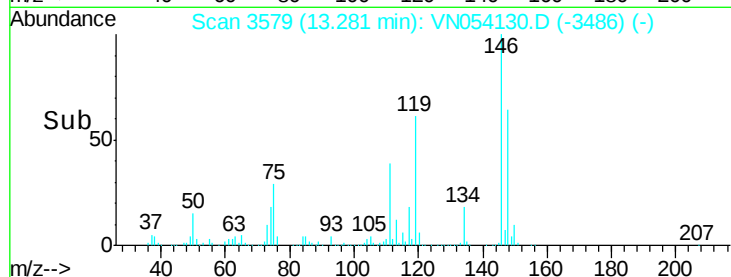
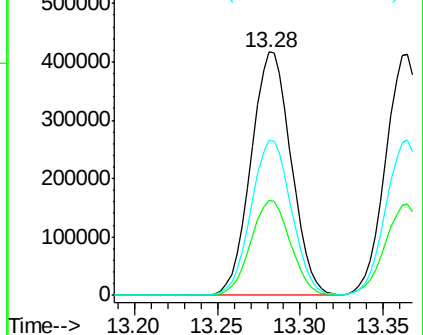
148 64.0 32.4 97.0



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



#88

1,4-Dichlorobenzene

Concen: 45.611 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN054130.D

Acq: 6 Mar 2019 21:18

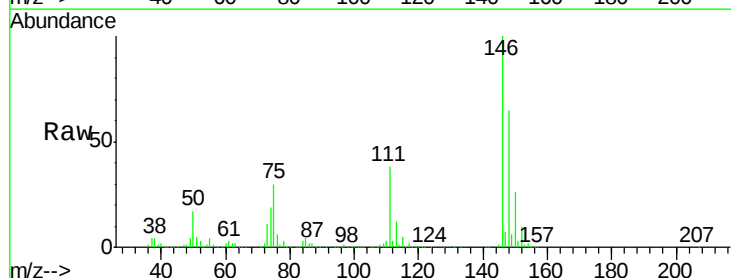
Tgt Ion:146 Resp: 678712

Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.5

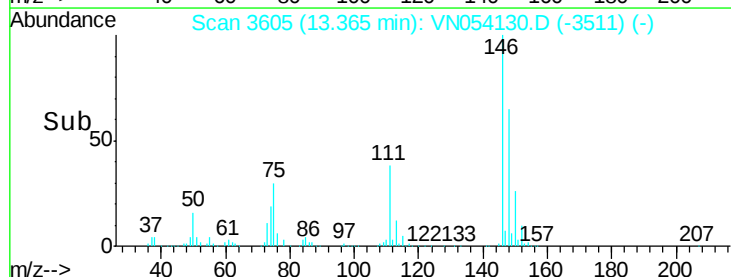
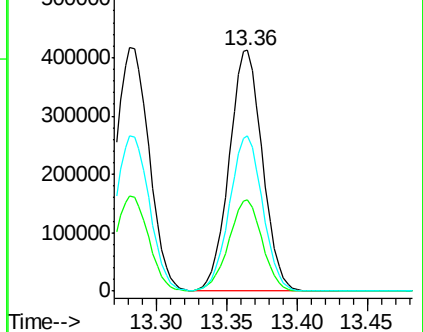
148 64.7 32.1 96.5

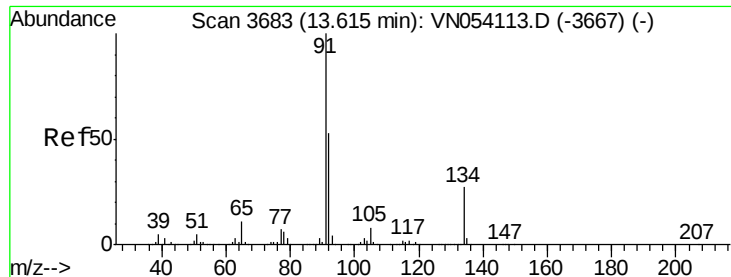


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

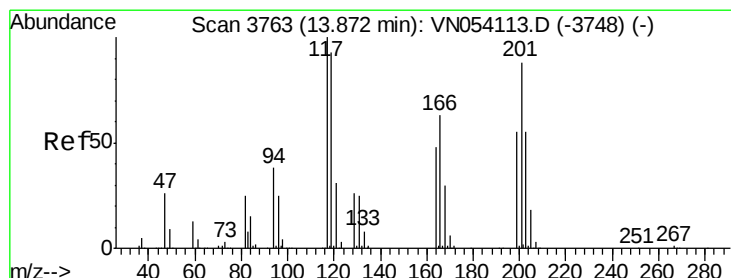
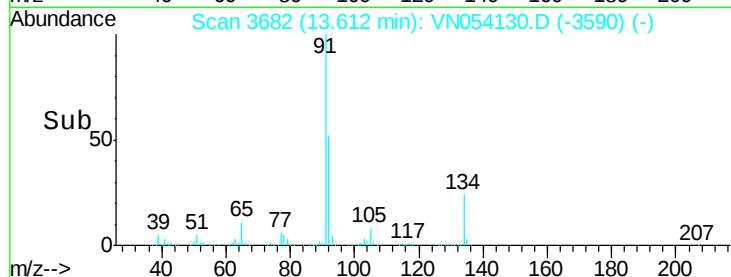
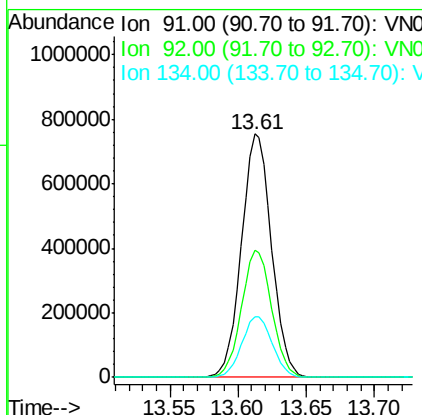
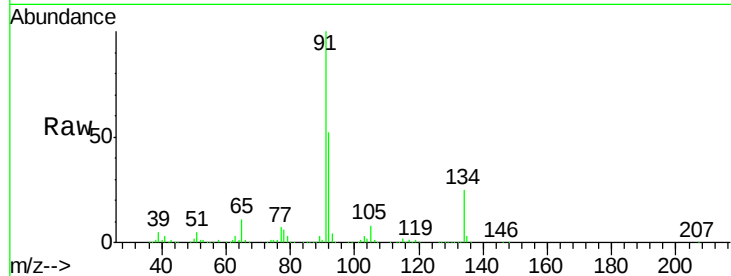




#89
n-Butylbenzene
Concen: 48.498 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

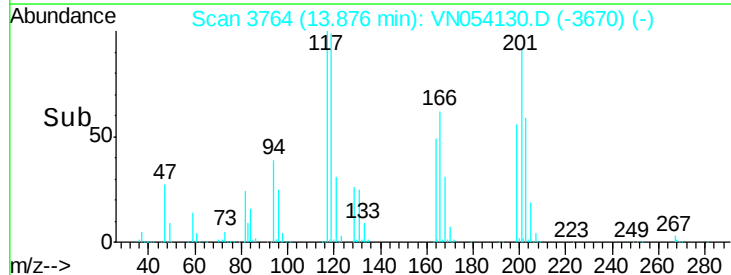
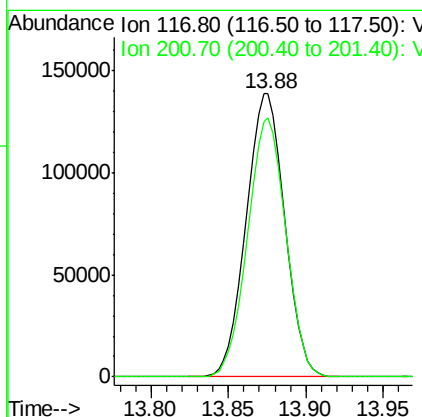
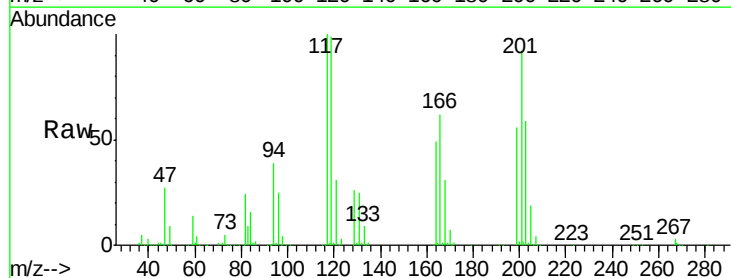
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

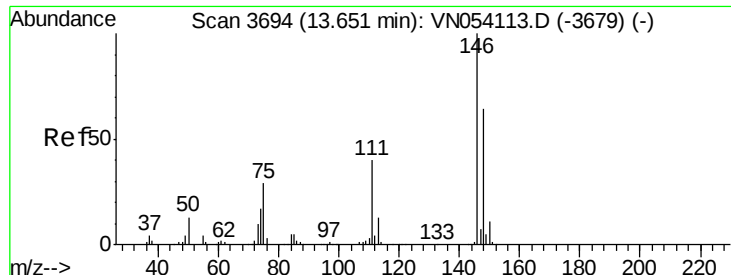
Tgt Ion: 91 Resp: 1152221
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 25.5 13.1 39.1



#90
Hexachloroethane
Concen: 44.589 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

Tgt Ion: 117 Resp: 240651
Ion Ratio Lower Upper
117 100
201 90.7 44.9 134.7

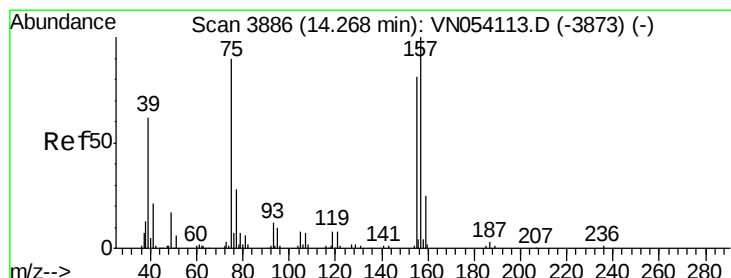
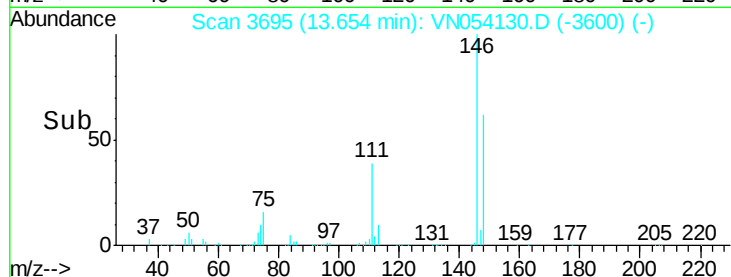
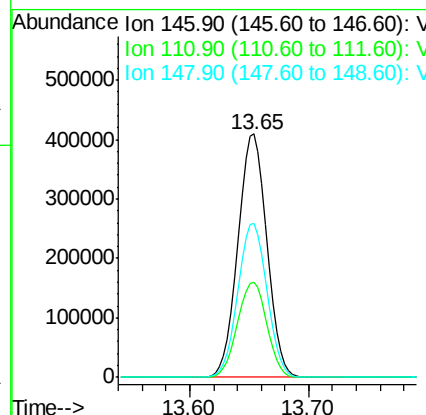
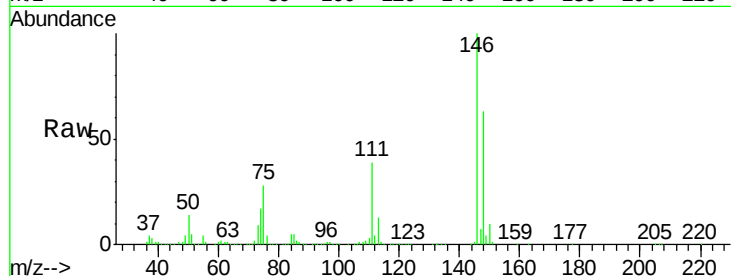




#91
 1,2-Dichlorobenzene
 Concen: 51.025 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

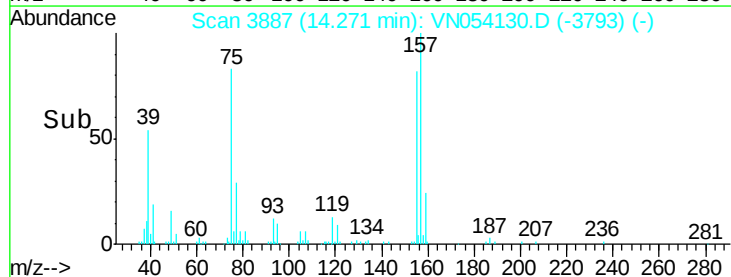
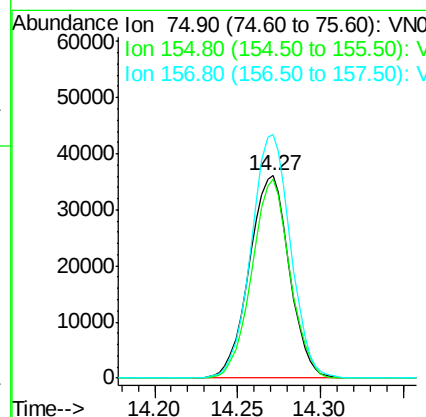
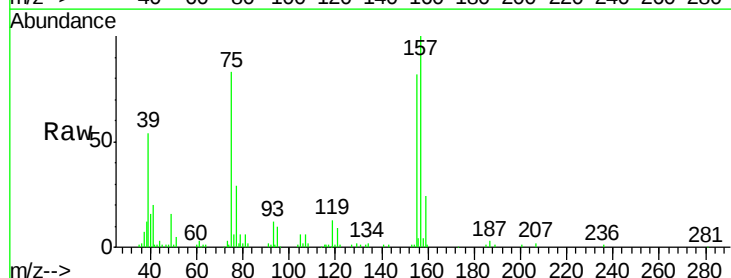
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

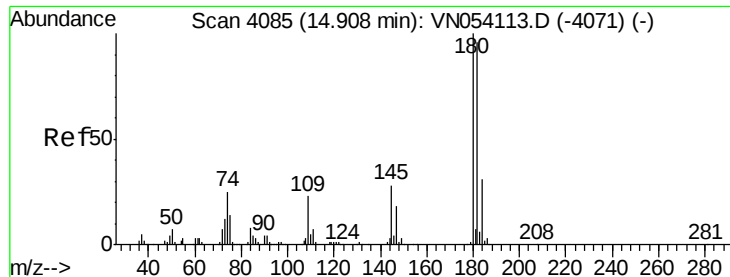
Tgt Ion:146 Resp: 688766
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 60.0
 148 63.8 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.378 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Tgt Ion: 75 Resp: 60477
 Ion Ratio Lower Upper
 75 100
 155 93.2 44.5 133.5
 157 118.1 57.2 171.6

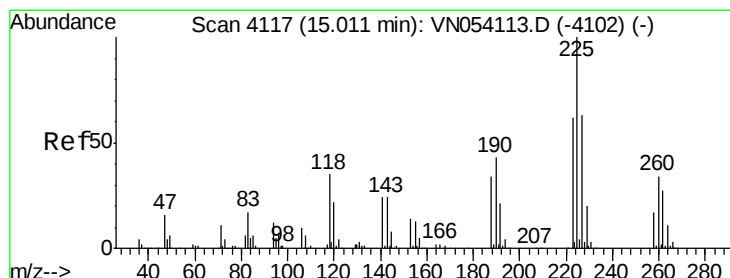
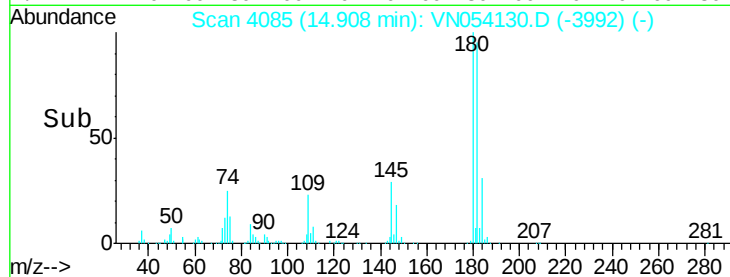
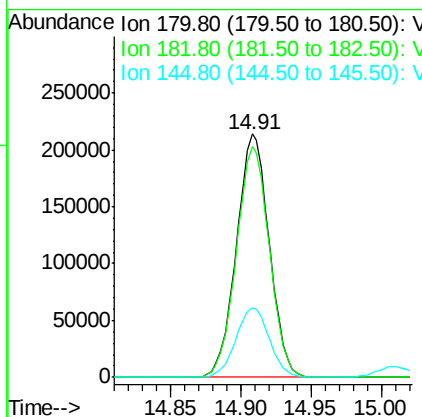
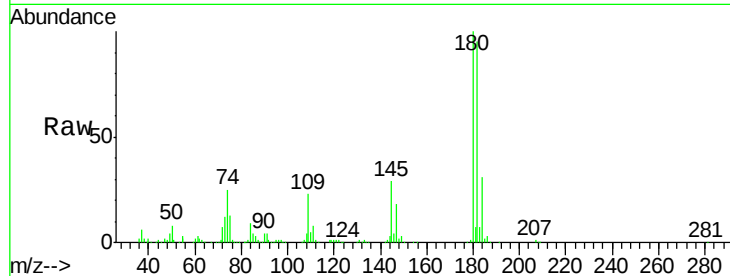




#93
 1,2,4-Trichlorobenzene
 Concen: 48.803 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

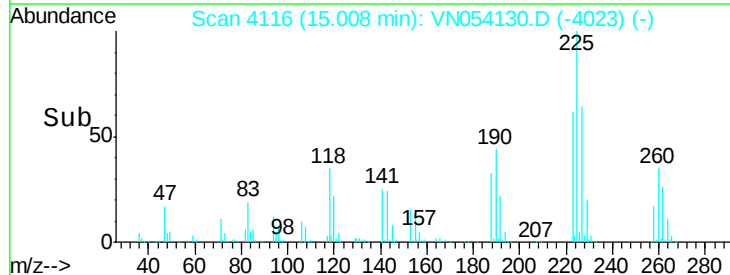
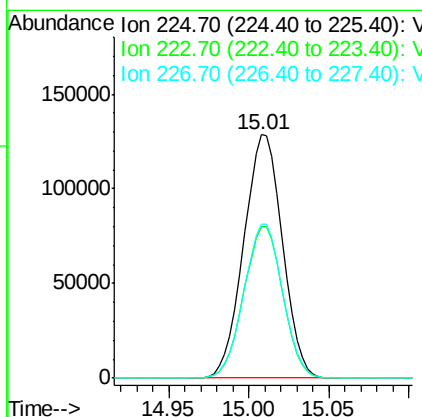
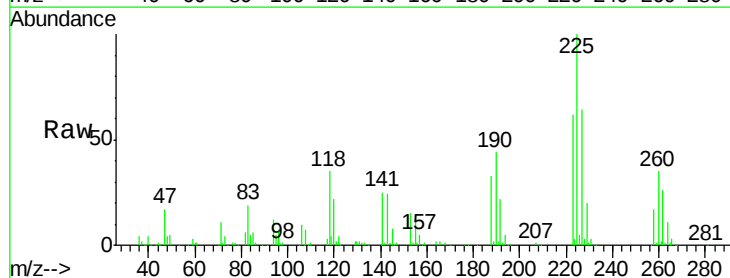
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

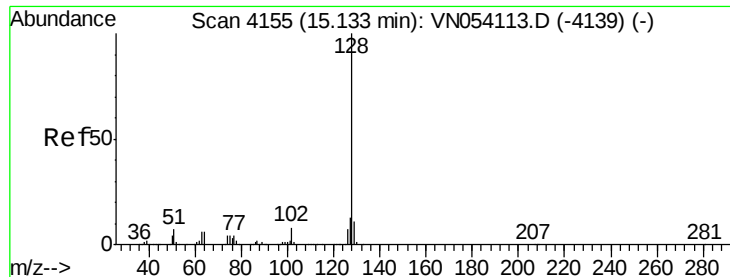
Tgt Ion:180 Resp: 347724
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.1 144.3
 145 29.1 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 48.082 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN054130.D
 Acq: 6 Mar 2019 21:18

Tgt Ion:225 Resp: 213150
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.2 93.6
 227 63.2 31.9 95.7

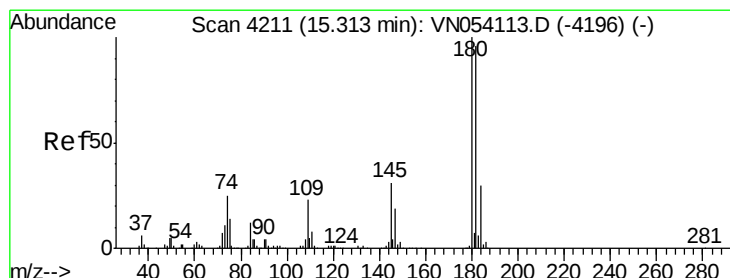
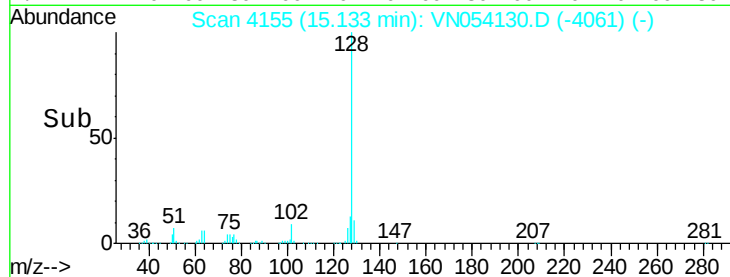
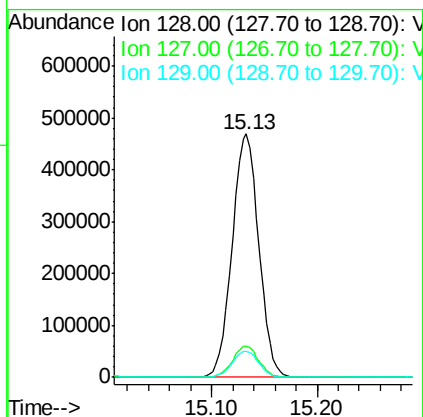
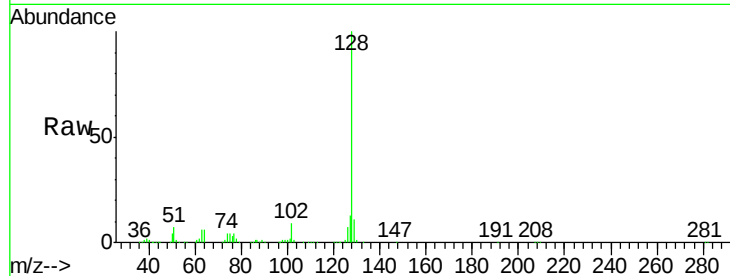




#95
Naphthalene
Concen: 50.449 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 817813
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 47.034 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN054130.D
Acq: 6 Mar 2019 21:18

Tgt Ion:180 Resp: 335250
Ion Ratio Lower Upper
180 100
182 96.7 47.9 143.7
145 29.9 14.9 44.5

