

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052954.D
 Acq On : 18 Dec 2018 11:49
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 11 03:26:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1098797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1687133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1503237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	724897	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	583311	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
35) Dibromofluoromethane	7.59	113	385099	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.09	98	2134572	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.40	95	748708	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	541405	48.685	ug/l	99
3) Chloromethane	2.06	50	669041	49.647	ug/l	100
4) Vinyl Chloride	2.19	62	670481	49.127	ug/l	99
5) Bromomethane	2.57	94	434582	45.960	ug/l	99
6) Chloroethane	2.71	64	397177	49.137	ug/l	100
7) Trichlorofluoromethane	3.02	101	840767	49.451	ug/l	99
8) Diethyl Ether	3.41	74	319479	49.809	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	523535	48.295	ug/l	99
10) Methyl Iodide	3.96	142	789157	51.839	ug/l	99
11) Tert butyl alcohol	4.77	59	173395	254.853	ug/l	99
12) 1,1-Dichloroethene	3.74	96	519541	49.608	ug/l	98
13) Acrolein	3.61	56	158054	256.198	ug/l	99
14) Allyl chloride	4.33	41	802926	49.495	ug/l	98
15) Acrylonitrile	4.98	53	942711	249.407	ug/l	100
16) Acetone	3.81	43	528320	241.650	ug/l	99
17) Carbon Disulfide	4.06	76	1612831	47.221	ug/l	100
18) Methyl Acetate	4.32	43	483372	48.738	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	1405769	50.159	ug/l	99
20) Methylene Chloride	4.55	84	577874	48.455	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	548426	48.739	ug/l	100
22) Diisopropyl ether	5.95	45	1740313	50.259	ug/l	98
23) Vinyl Acetate	5.89	43	4833573	242.754	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1018600	49.504	ug/l	98
25) 2-Butanone	6.83	43	944301	257.362	ug/l	98
26) 2,2-Dichloropropane	6.82	77	768741	48.942	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	630647	49.506	ug/l	99
28) Bromochloromethane	7.19	49	449890	50.458	ug/l	96
29) Tetrahydrofuran	7.21	42	697501	254.527	ug/l	98
30) Chloroform	7.37	83	1003184	49.631	ug/l	99
31) Cyclohexane	7.65	56	956260	49.543	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	850859	49.414	ug/l	99
36) 1,1-Dichloropropene	7.79	75	786785	48.586	ug/l	99
37) Ethyl Acetate	6.93	43	463499	51.272	ug/l	99
38) Carbon Tetrachloride	7.77	117	738502	49.755	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	949701	48.277	ug/l	98
40) Benzene	8.04	78	2370731	49.218	ug/l	100
41) Methacrylonitrile	7.17	41	263931	50.530	ug/l	97
42) 1,2-Dichloroethane	8.12	62	704382	49.502	ug/l	99
43) Isopropyl Acetate	8.16	43	878857	50.242	ug/l	99
44) Trichloroethene	8.84	130	688106	49.391	ug/l	97
45) 1,2-Dichloropropane	9.12	63	622678	49.631	ug/l	99
46) Dibromomethane	9.21	93	361431	49.452	ug/l	98
47) Bromodichloromethane	9.40	83	768501	49.466	ug/l	99
48) Methyl methacrylate	9.20	41	438364	49.972	ug/l	99
49) 1,4-Dioxane	9.20	88	106249	957.506	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	2252987	257.350	ug/l	99
52) Toluene	10.16	92	1480390	49.585	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	816539	49.982	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	945085	50.400	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	517998	49.733	ug/l	98
56) Ethyl methacrylate	10.43	69	698605	50.675	ug/l	98
57) 1,3-Dichloropropane	10.71	76	899780	50.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1943448	256.780	ug/l	98
59) 2-Hexanone	10.75	43	1514535	255.696	ug/l	99
60) Dibromochloromethane	10.90	129	594820	49.890	ug/l	99
61) 1,2-Dibromoethane	11.00	107	528936	50.002	ug/l	99
64) Tetrachloroethene	10.63	164	814757	50.036	ug/l	99
65) Chlorobenzene	11.43	112	1636870	49.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	575795	49.690	ug/l	99
67) Ethyl Benzene	11.51	91	2836085	49.490	ug/l	100
68) m/p-Xylenes	11.62	106	2155345	98.936	ug/l	99
69) o-Xylene	11.95	106	1049956	50.226	ug/l	100
70) Styrene	11.96	104	1726309	50.644	ug/l	99
71) Bromoform	12.13	173	422483	50.469	ug/l #	99
73) Isopropylbenzene	12.25	105	2778448	48.988	ug/l	99
74) N-amyl acetate	12.07	43	793002	50.360	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	526986	47.361	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	816753	66.931	ug/l #	100
77) Bromobenzene	12.53	156	719703	48.816	ug/l	98
78) n-propylbenzene	12.59	91	3173233	49.125	ug/l	99
79) 2-Chlorotoluene	12.67	91	1868348	46.663	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2253645	48.749	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	194048	51.253	ug/l	94
82) 4-Chlorotoluene	12.77	91	1906608	48.644	ug/l	100
83) tert-Butylbenzene	12.99	119	1961924	47.986	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2289203	49.258	ug/l	100
85) sec-Butylbenzene	13.17	105	2654338	47.998	ug/l	100
86) p-Isopropyltoluene	13.29	119	2327755	48.713	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1271007	48.709	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1249030	47.268	ug/l	100
89) n-Butylbenzene	13.62	91	1953223	47.512	ug/l	100
90) Hexachloroethane	13.88	117	358415	48.877	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1198732	48.812	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	94675	49.209	ug/l	99

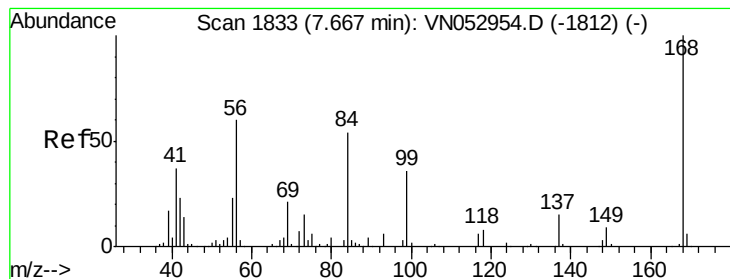
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	626106	48.144	ug/l	100
94) Hexachlorobutadiene	15.01	225	345208	51.318	ug/l	99
95) Naphthalene	15.13	128	1366915	48.007	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	564383	48.189	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

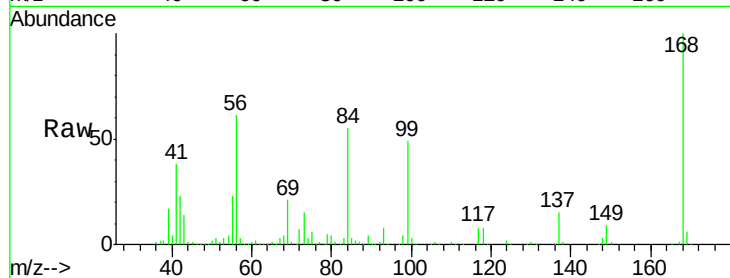
VSTDICCC050

Tgt Ion:168 Resp: 1098797

Ion Ratio Lower Upper

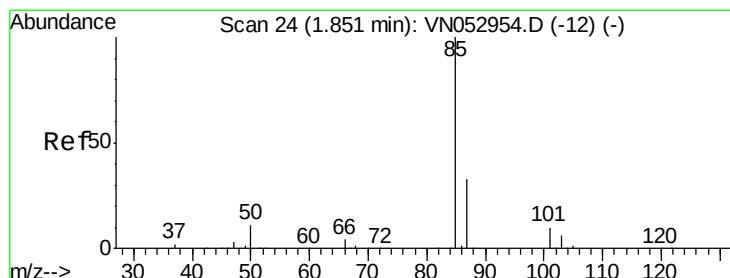
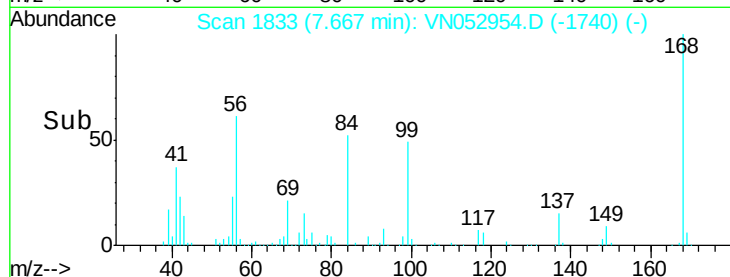
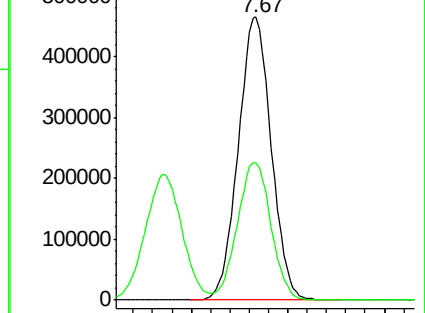
168 100

99 48.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.685 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052954.D

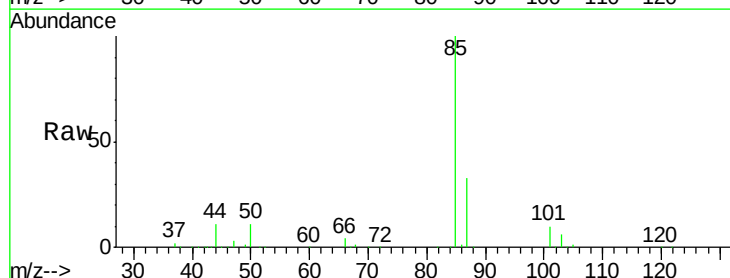
Acq: 18 Dec 2018 11:49

Tgt Ion: 85 Resp: 541405

Ion Ratio Lower Upper

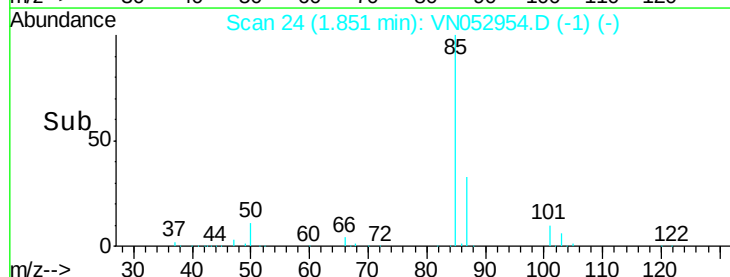
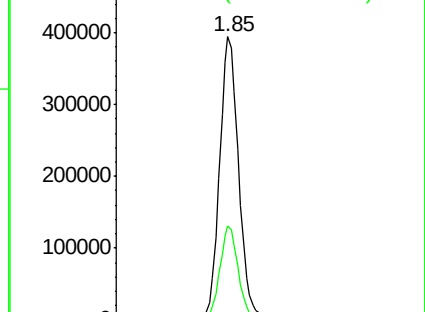
85 100

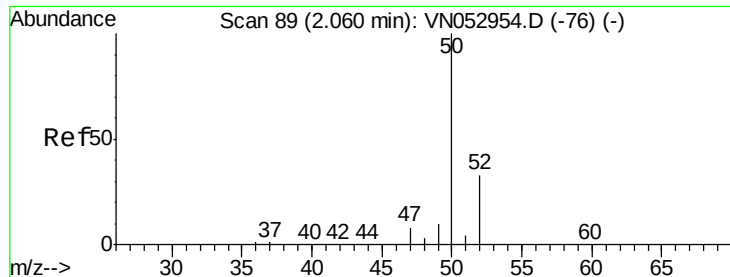
87 33.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 49.647 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

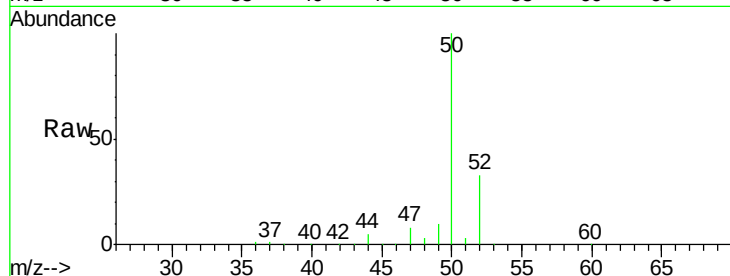
VSTDICCC050

Tgt Ion: 50 Resp: 669041

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VN052954.D (-76) (-)

Ion 51.90 (51.60 to 52.60): VN052954.D (-76) (-)

2.06

400000

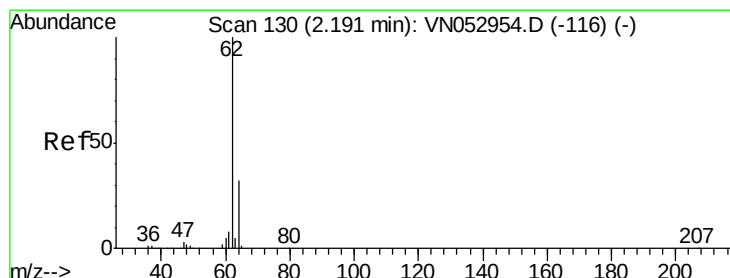
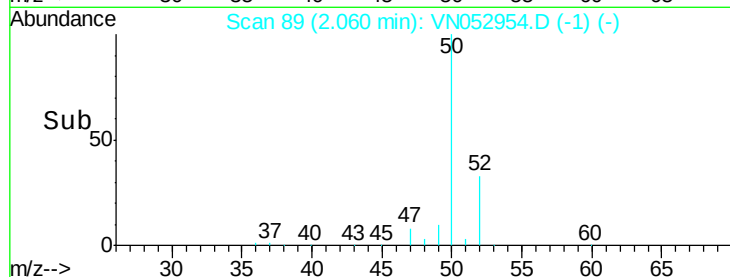
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 49.127 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052954.D

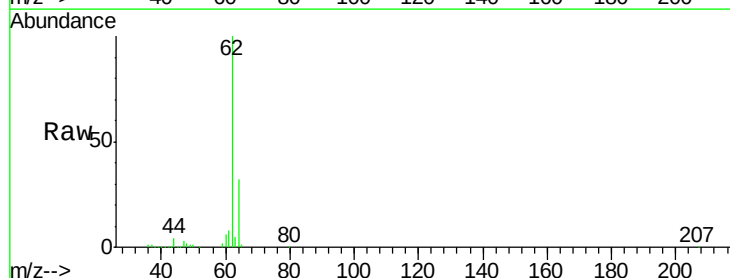
Acq: 18 Dec 2018 11:49

Tgt Ion: 62 Resp: 670481

Ion Ratio Lower Upper

62 100

64 32.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN052954.D (-116) (-)

Ion 63.90 (63.60 to 64.60): VN052954.D (-116) (-)

2.19

400000

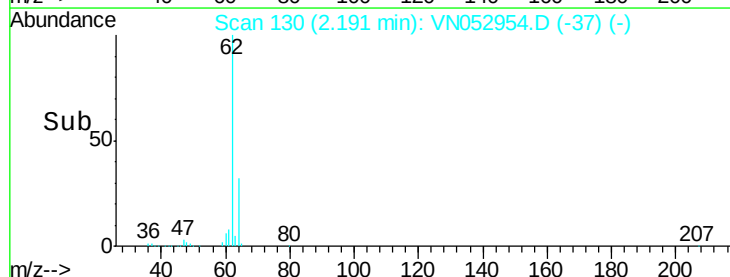
300000

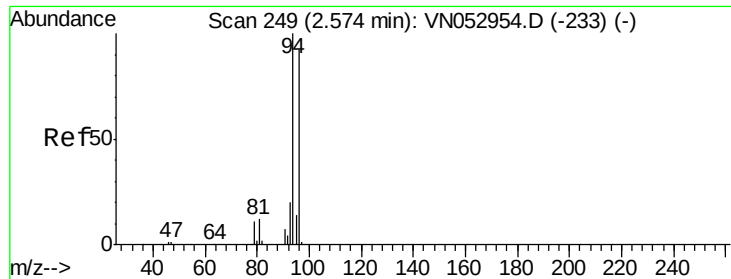
200000

100000

0

Time-->





#5

Bromomethane

Concen: 45.960 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

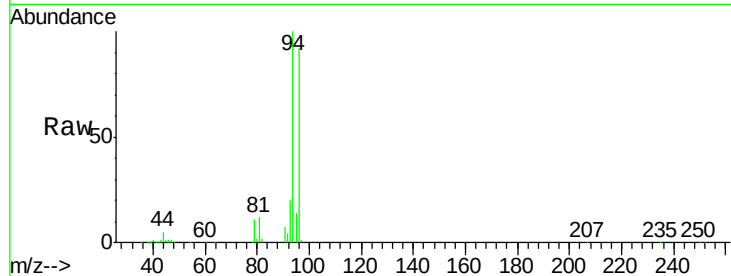
VSTDICCC050

Tgt Ion: 94 Resp: 434582

Ion Ratio Lower Upper

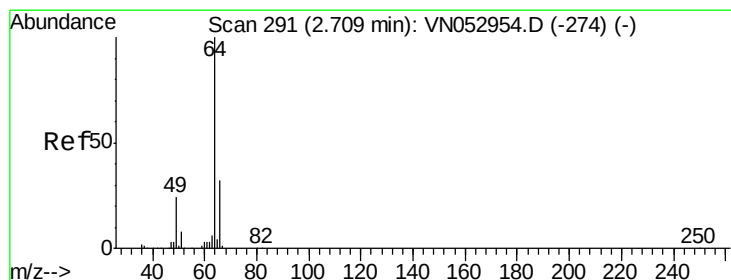
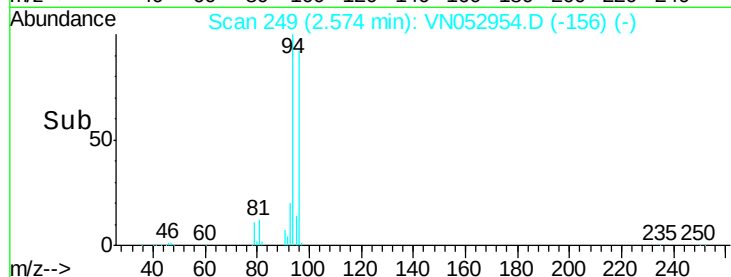
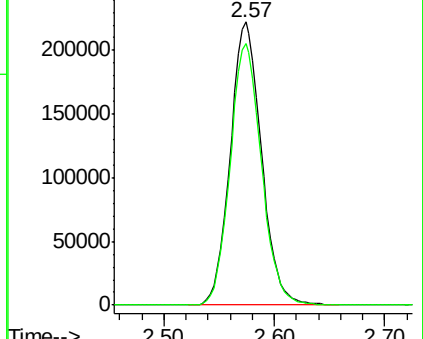
94 100

96 92.5 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.137 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN052954.D

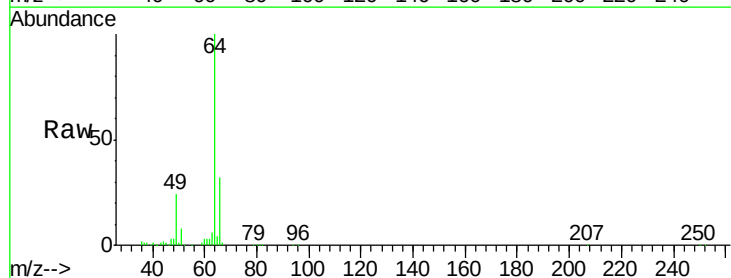
Acq: 18 Dec 2018 11:49

Tgt Ion: 64 Resp: 397177

Ion Ratio Lower Upper

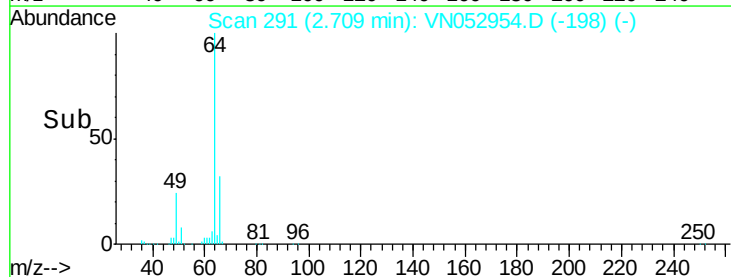
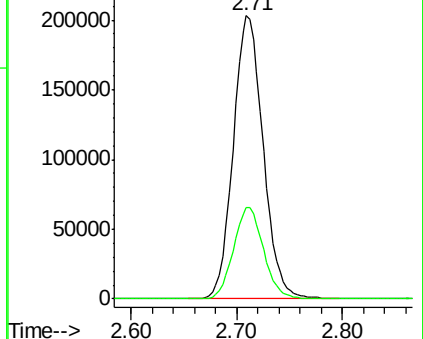
64 100

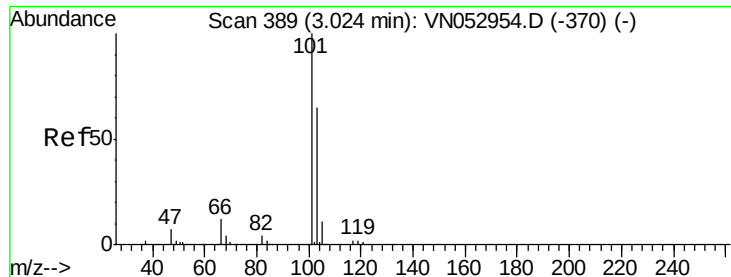
66 32.4 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



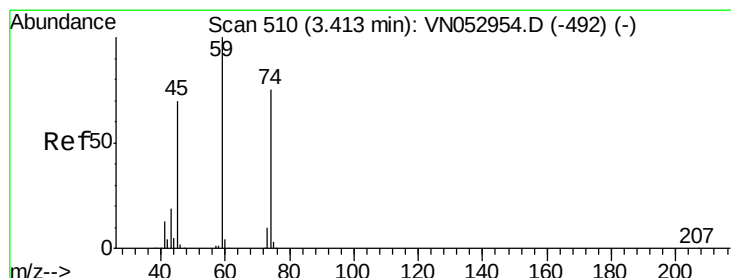
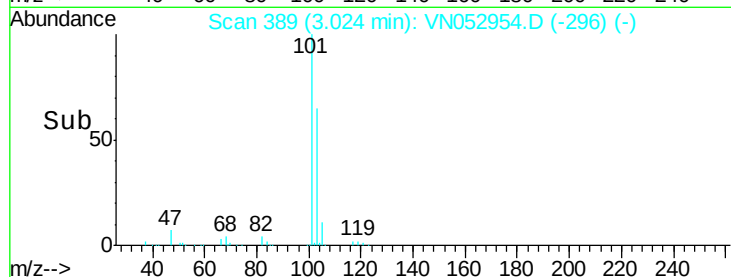
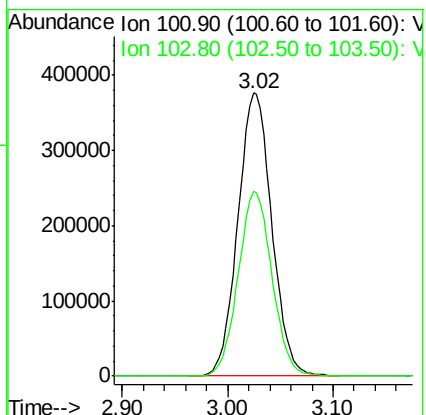
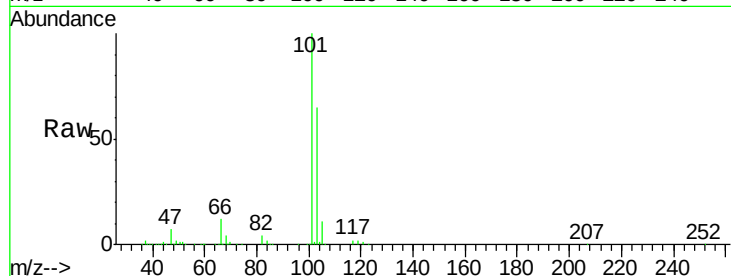


#7

Trichlorofluoromethane
 Concen: 49.451 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Instrument :
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 VSTDICCC050

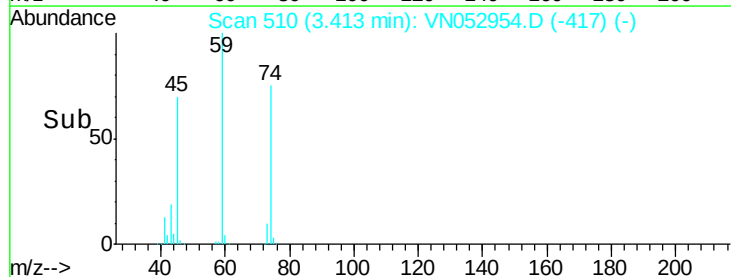
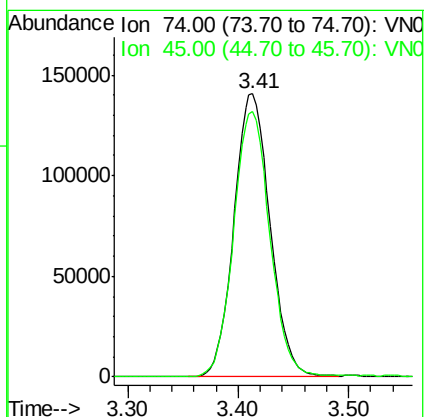
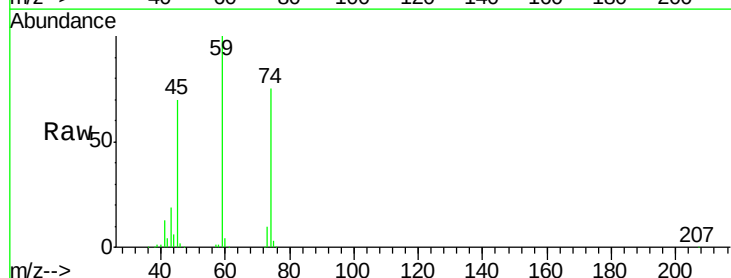
Tgt Ion: 101 Resp: 840767
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.8 77.6

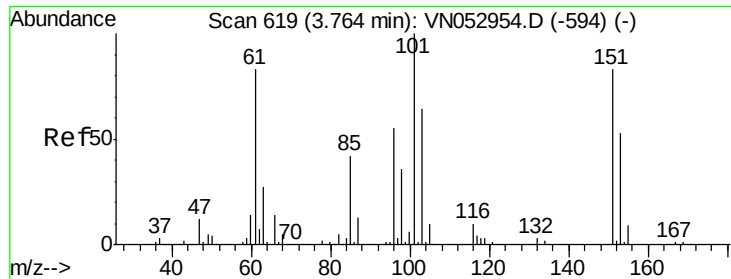


#8

Diethyl Ether
 Concen: 49.809 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Tgt Ion: 74 Resp: 319479
 Ion Ratio Lower Upper
 74 100
 45 93.7 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.295 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

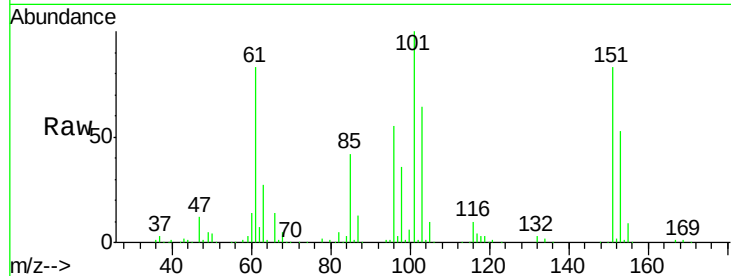
Tgt Ion:101 Resp: 523535

Ion Ratio Lower Upper

101 100

85 41.6 33.6 50.4

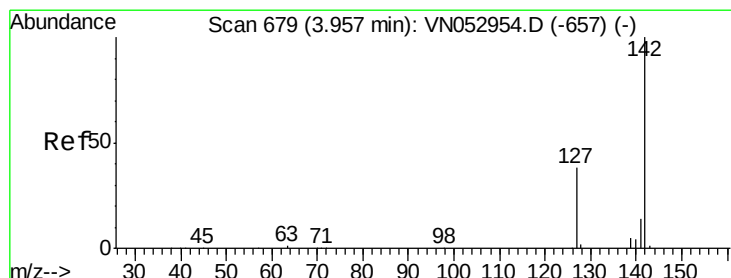
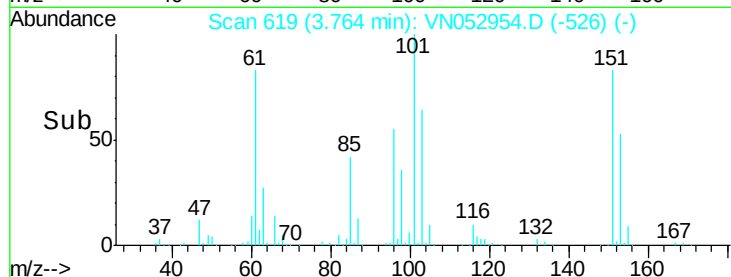
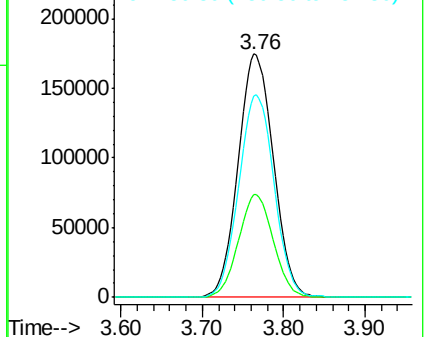
151 83.3 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.839 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

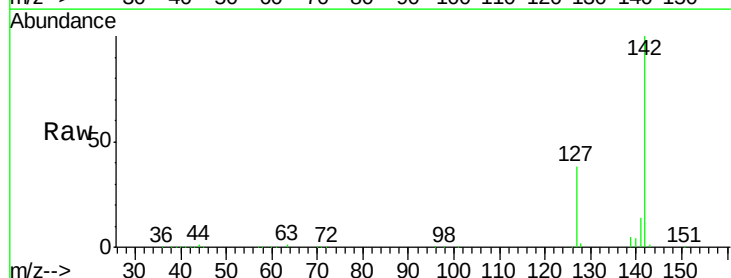
Tgt Ion:142 Resp: 789157

Ion Ratio Lower Upper

142 100

127 38.2 31.0 46.6

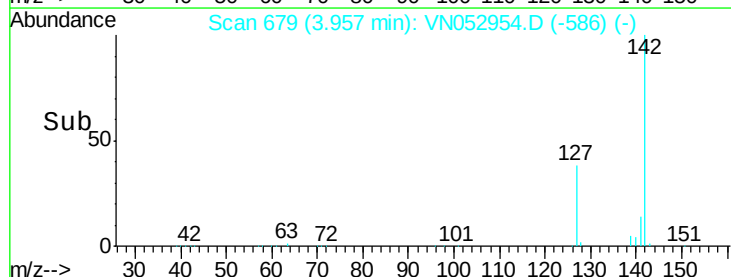
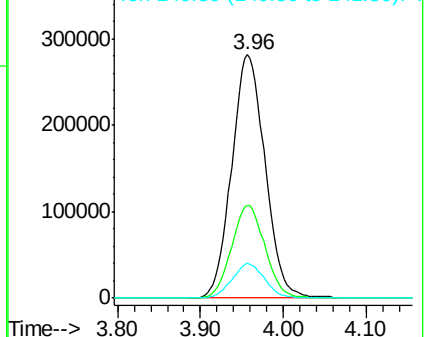
141 13.9 11.2 16.8

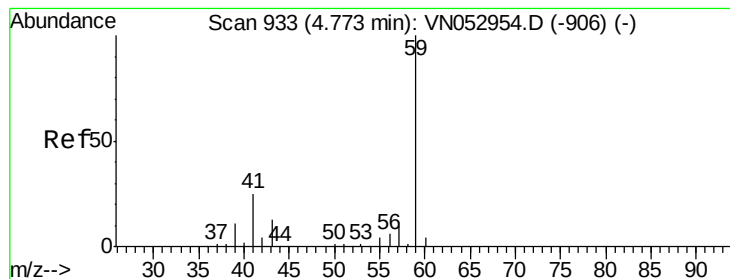


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



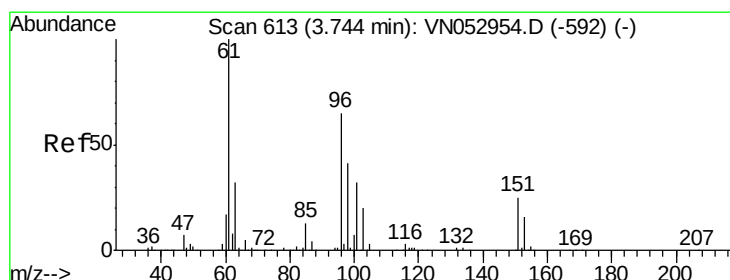
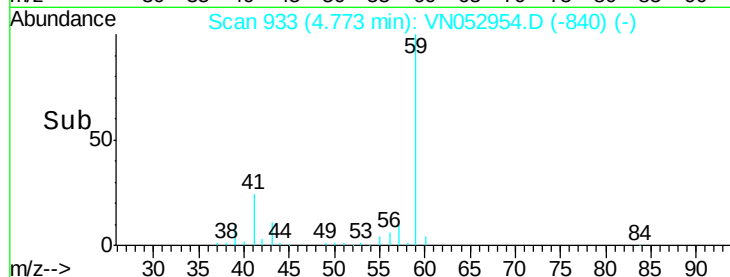
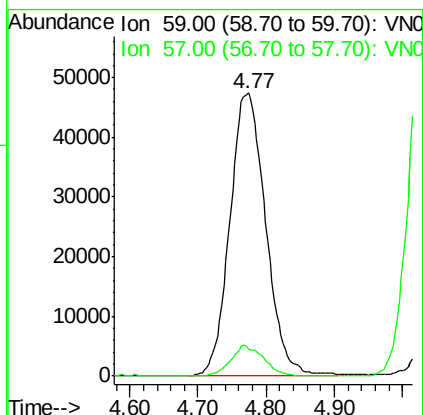
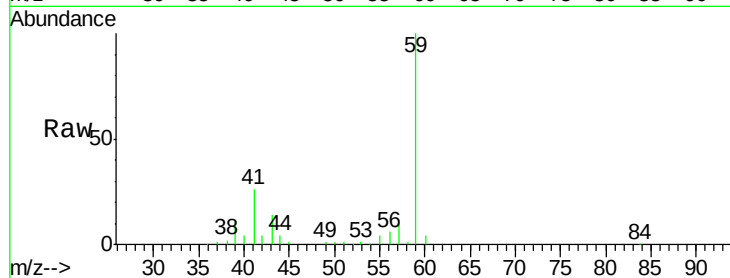


#11

Tert butyl alcohol
 Concen: 254.853 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

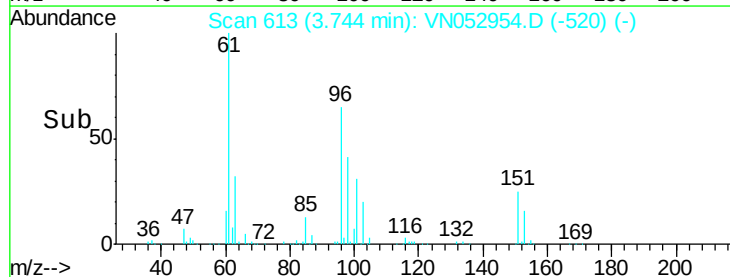
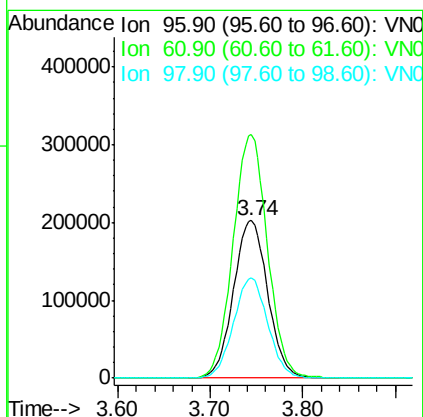
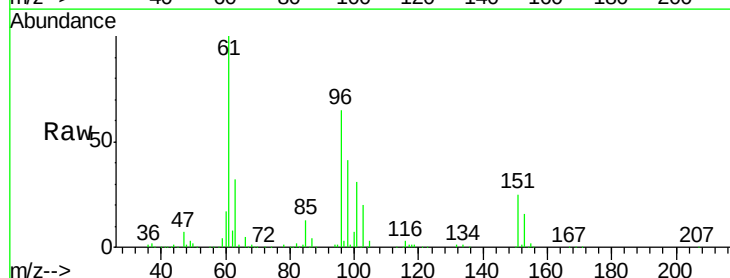
Tgt Ion: 59 Resp: 173395
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.7 11.5

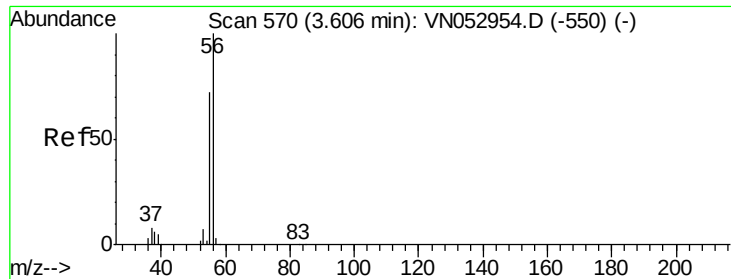


#12

1,1-Dichloroethene
 Concen: 49.608 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Tgt Ion: 96 Resp: 519541
 Ion Ratio Lower Upper
 96 100
 61 154.8 125.6 188.4
 98 64.0 50.6 75.8





#13

Acrolein

Concen: 256.198 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

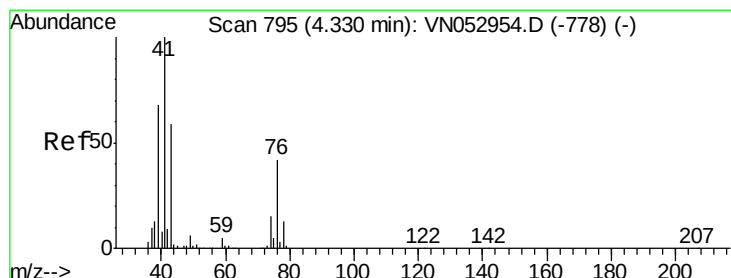
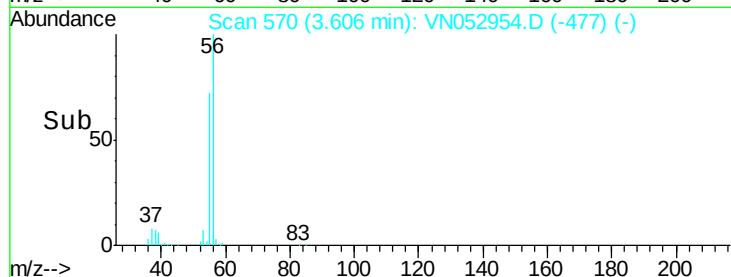
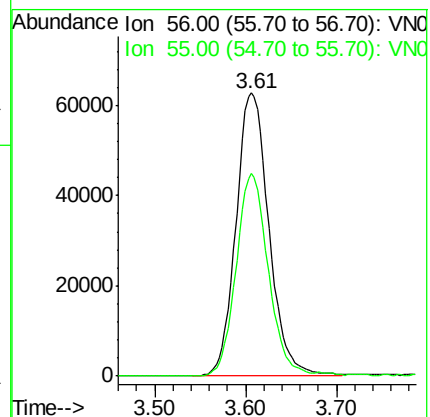
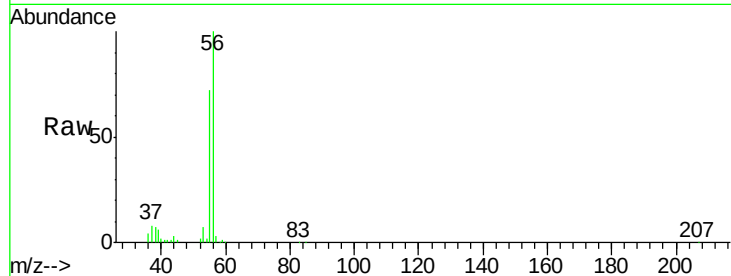
VSTDICCC050

Tgt Ion: 56 Resp: 158054

Ion Ratio Lower Upper

56 100

55 69.7 56.6 85.0



#14

Allyl chloride

Concen: 49.495 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

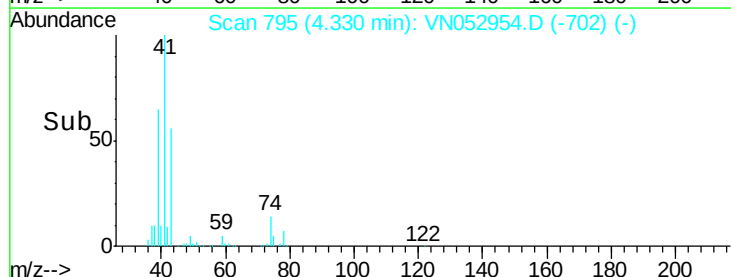
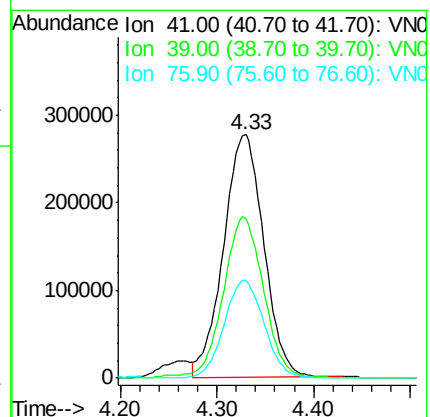
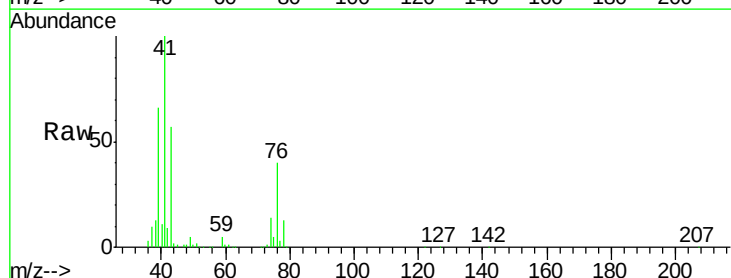
Tgt Ion: 41 Resp: 802926

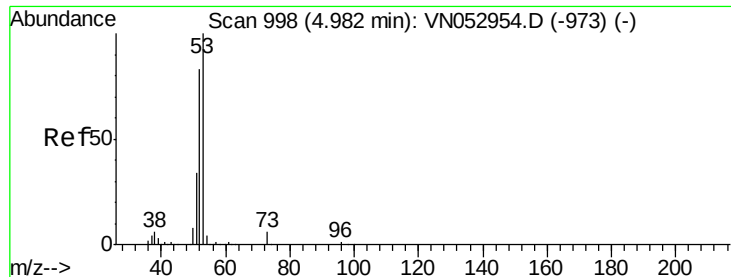
Ion Ratio Lower Upper

41 100

39 66.8 54.1 81.1

76 39.5 30.3 45.5





#15

Acrylonitrile

Concen: 249.407 ug/l

RT: 4.98 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

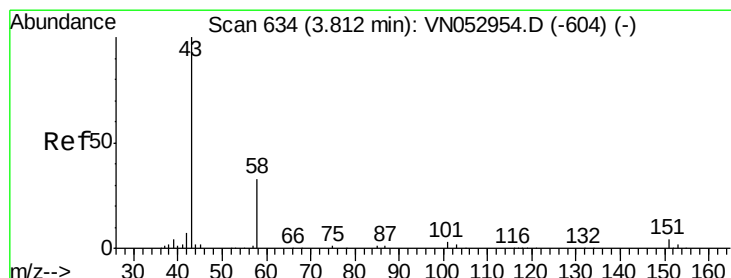
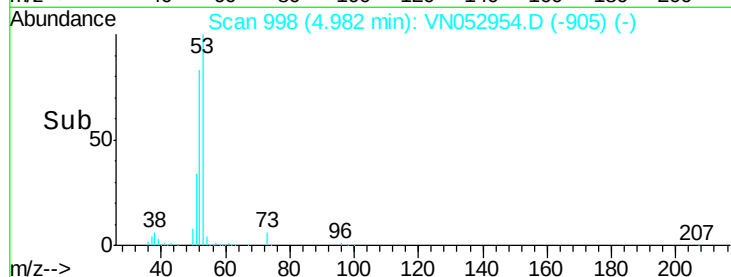
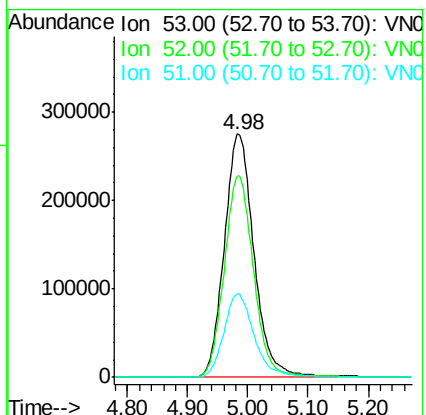
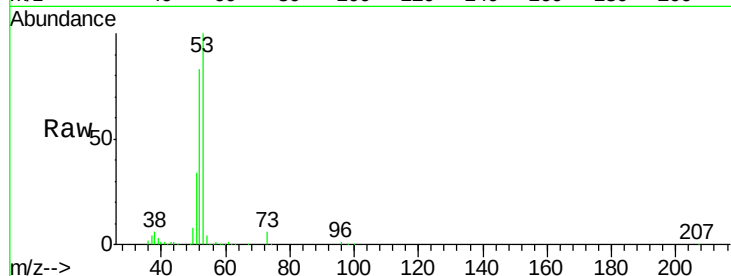
Tgt Ion: 53 Resp: 942711

Ion Ratio Lower Upper

53 100

52 81.8 65.1 97.7

51 35.1 28.1 42.1



#16

Acetone

Concen: 241.650 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN052954.D

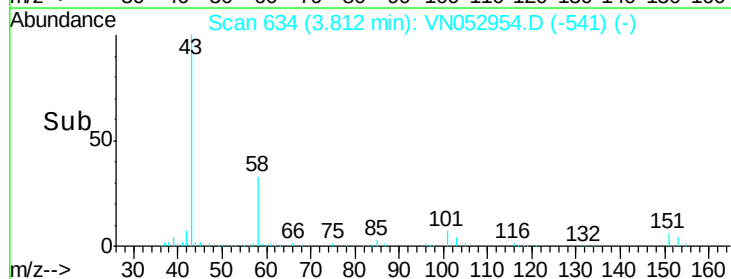
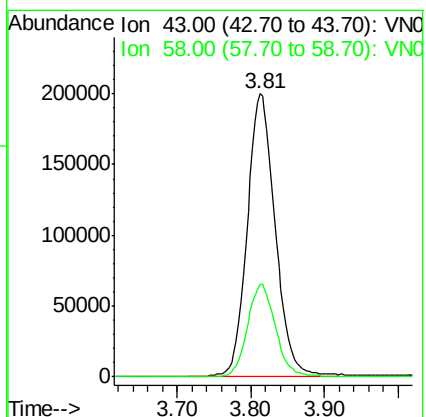
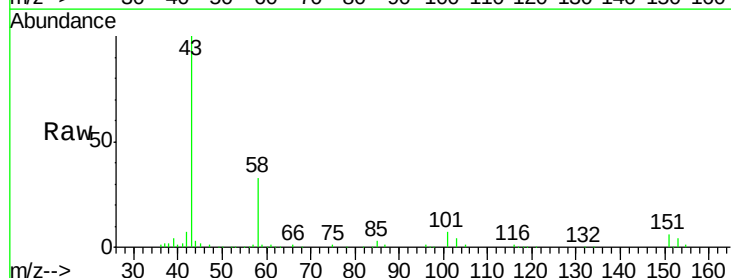
Acq: 18 Dec 2018 11:49

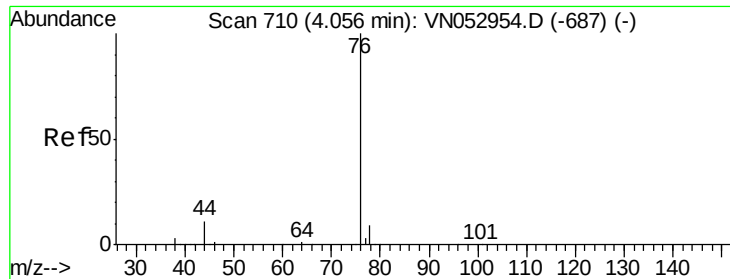
Tgt Ion: 43 Resp: 528320

Ion Ratio Lower Upper

43 100

58 32.5 25.4 38.0

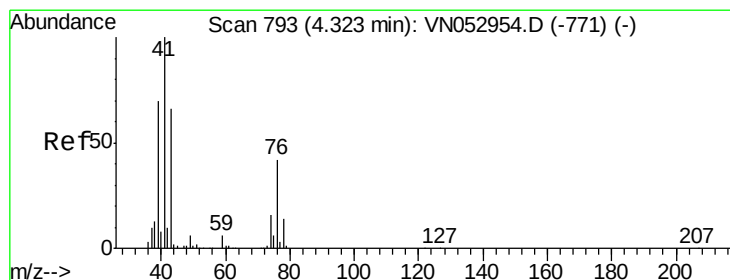
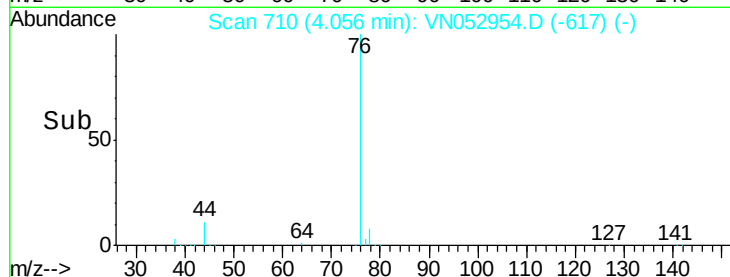
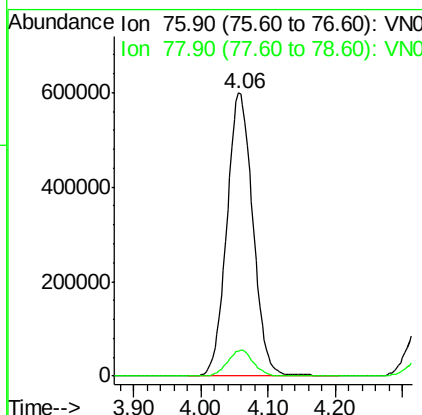
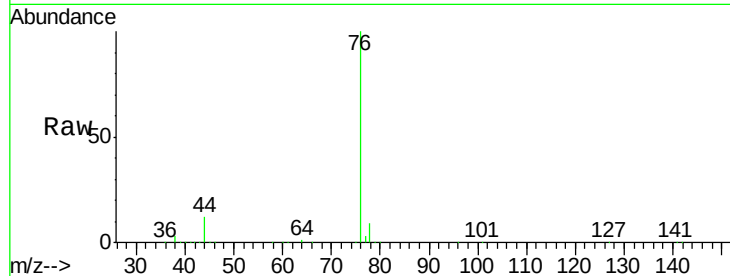




#17
Carbon Disulfide
Concen: 47.221 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

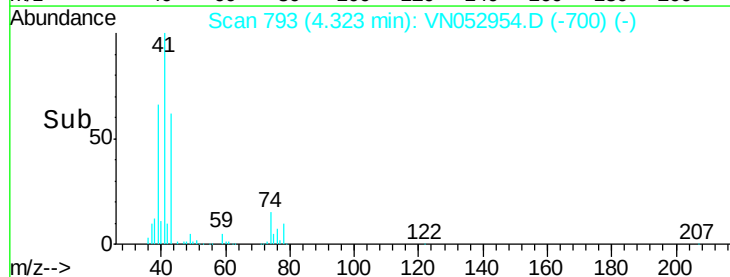
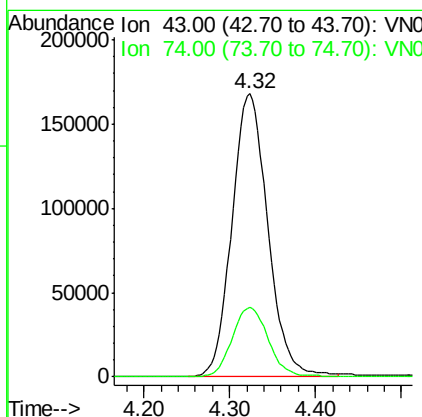
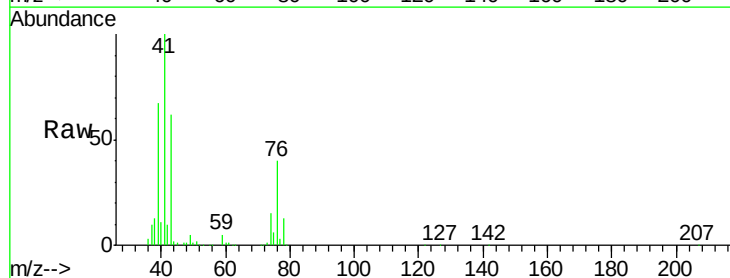
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

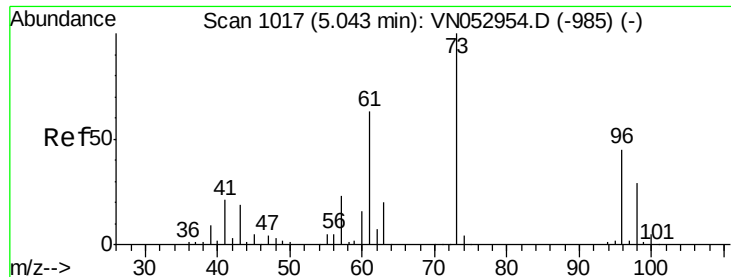
Tgt Ion: 76 Resp: 1612831
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 48.738 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

Tgt Ion: 43 Resp: 483372
Ion Ratio Lower Upper
43 100
74 25.0 19.2 28.8

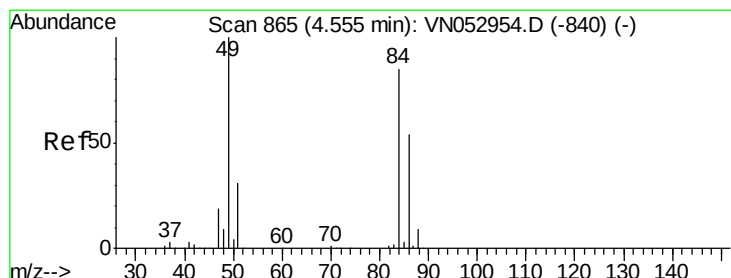
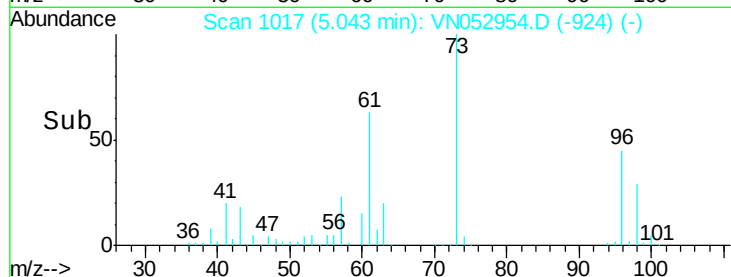
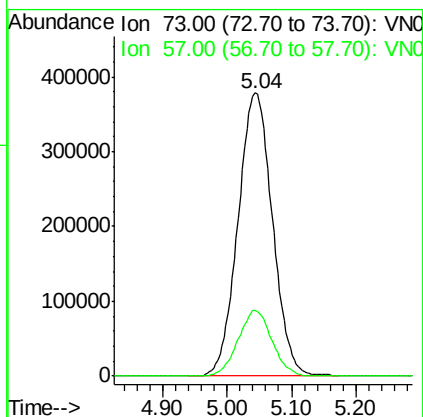
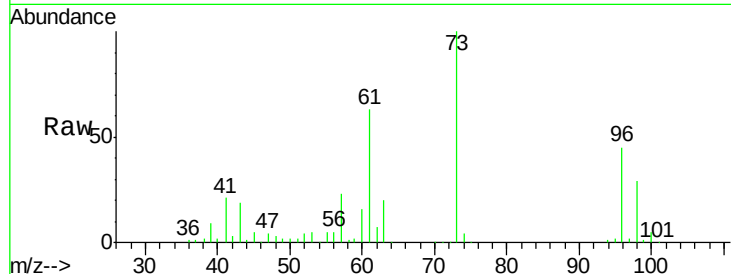




#19
Methyl tert-butyl Ether
Concen: 50.159 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

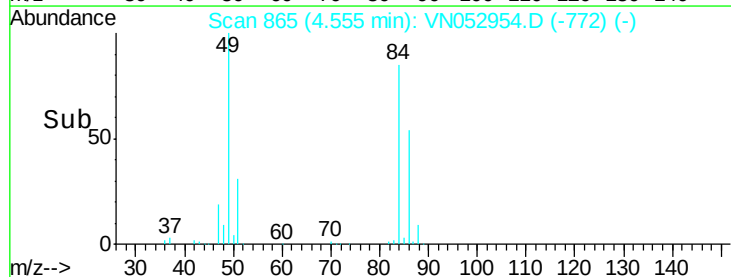
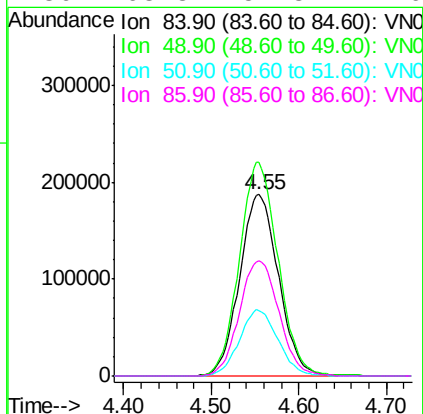
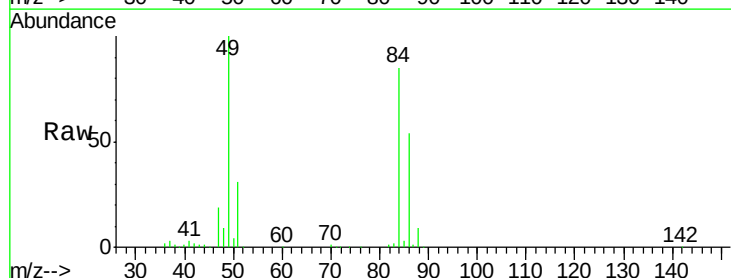
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

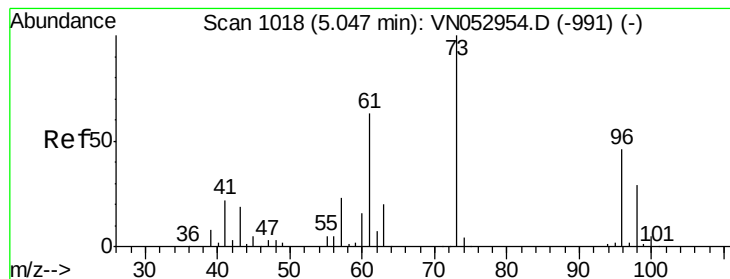
Tgt Ion: 73 Resp: 1405769
Ion Ratio Lower Upper
73 100
57 23.4 18.4 27.6



#20
Methylene Chloride
Concen: 48.455 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

Tgt Ion: 84 Resp: 577874
Ion Ratio Lower Upper
84 100
49 117.5 96.8 145.2
51 36.1 29.9 44.9
86 63.3 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.739 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

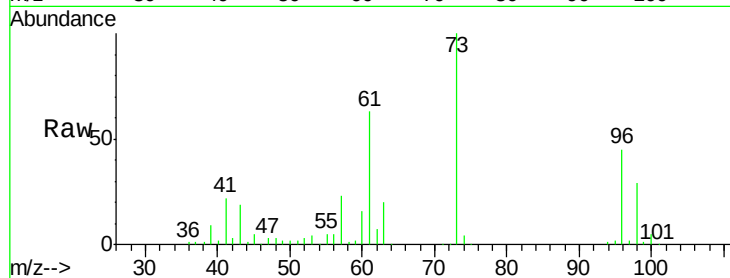
Tgt Ion: 96 Resp: 548426

Ion Ratio Lower Upper

96 100

61 138.9 110.8 166.2

98 64.3 51.4 77.2

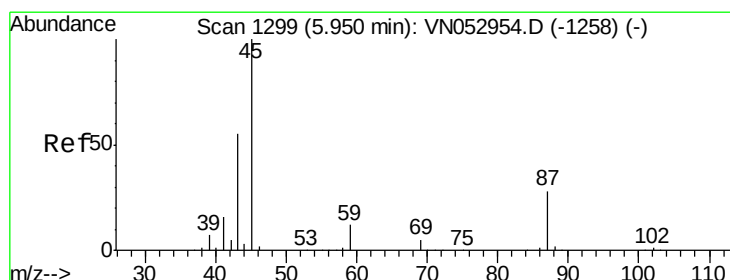
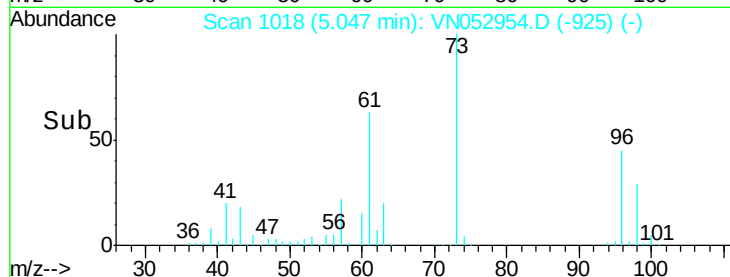
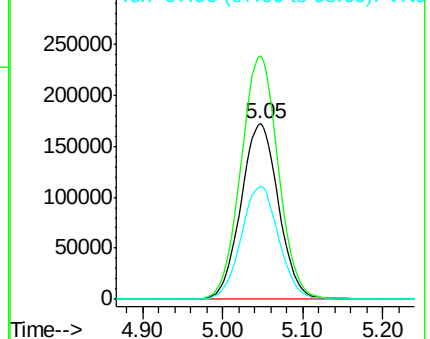


Abundance

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: 50.259 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Tgt Ion: 45 Resp: 1740313

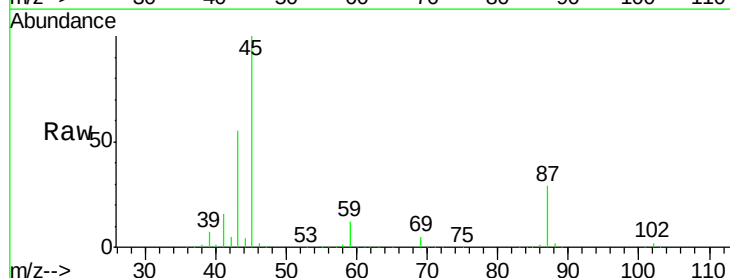
Ion Ratio Lower Upper

45 100

43 55.1 45.5 68.3

87 28.4 22.0 33.0

59 12.0 9.4 14.0



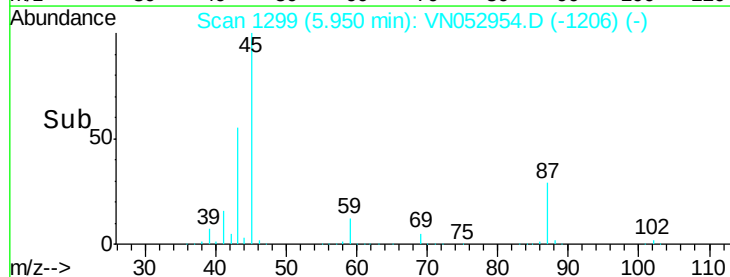
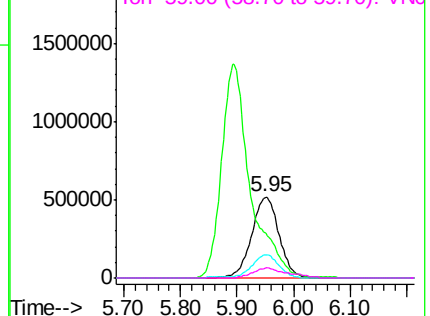
Abundance

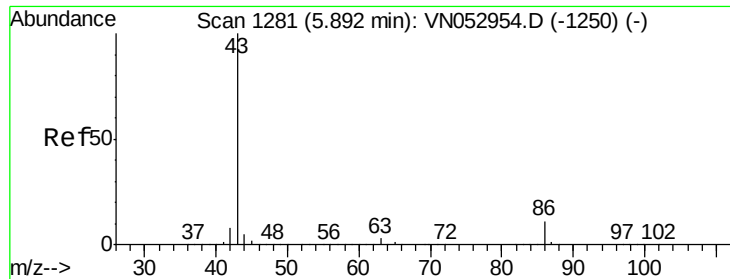
Ion 45.00 (44.70 to 45.70): VN0

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

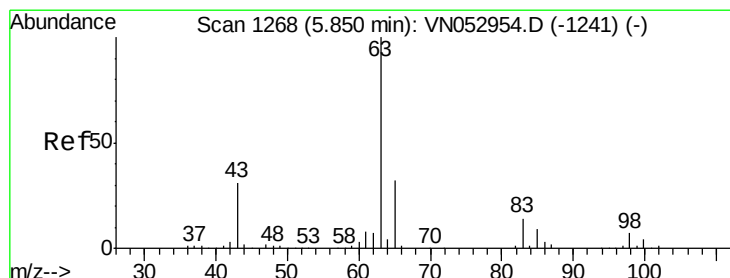
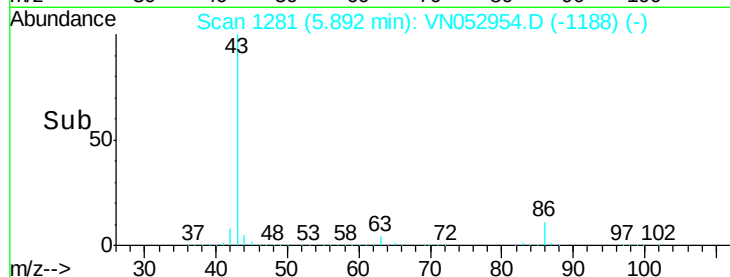
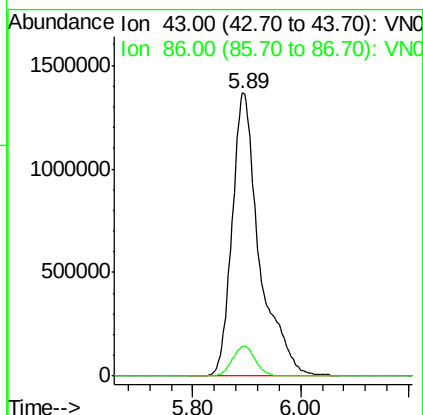
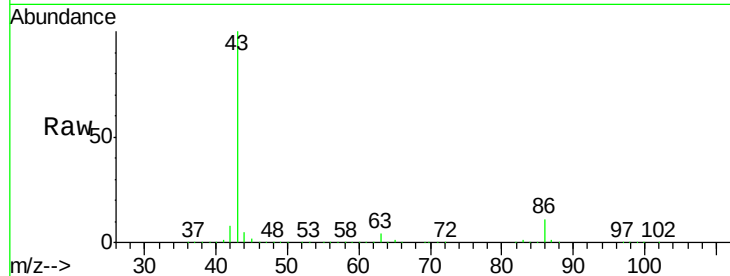




#23
 Vinyl Acetate
 Concen: 242.754 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

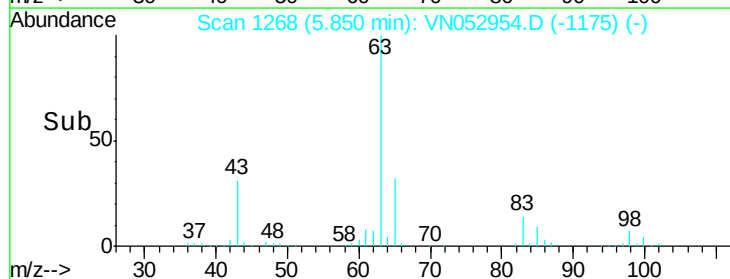
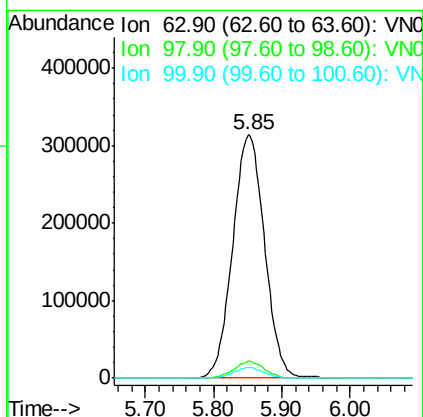
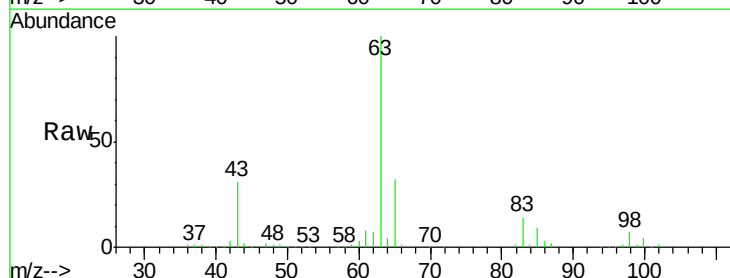
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

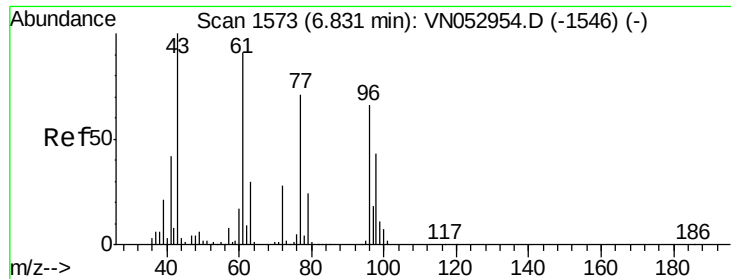
Tgt Ion: 43 Resp: 4833573
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 49.504 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Tgt Ion: 63 Resp: 1018600
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.3 2.0 5.8

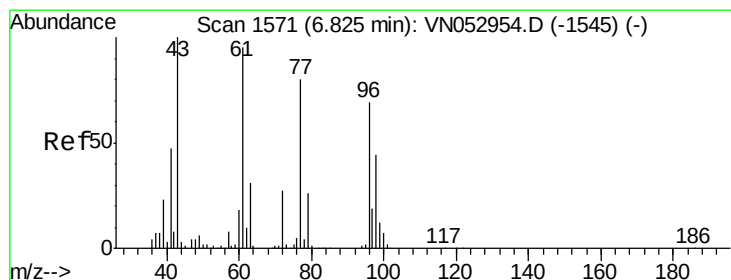
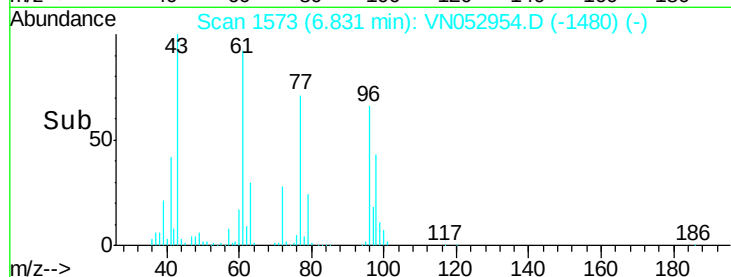
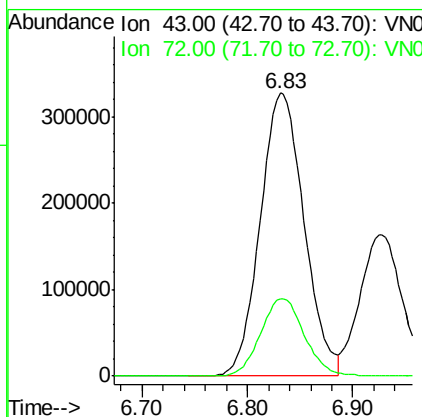
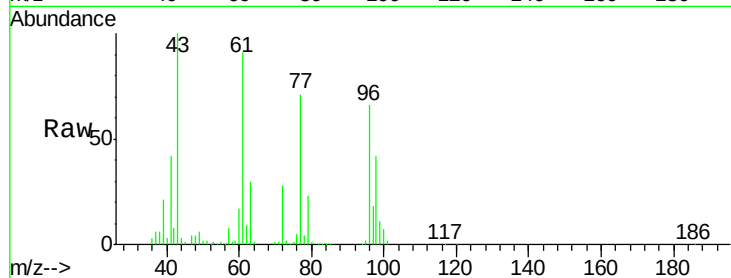




#25
2-Butanone
Concen: 257.362 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

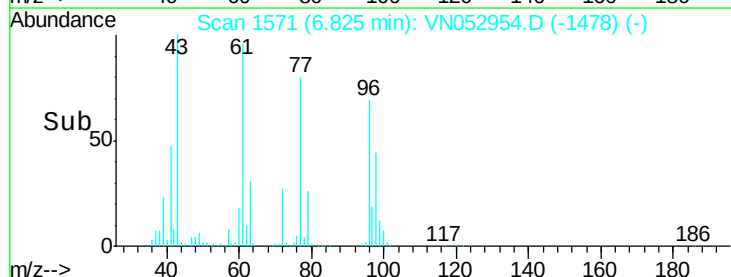
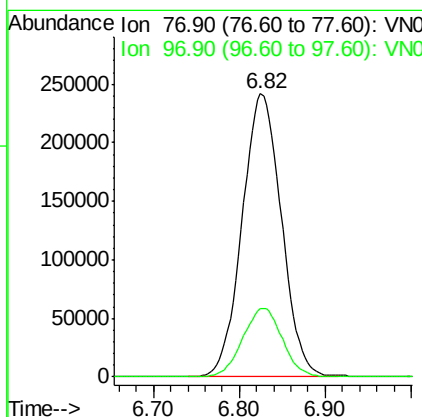
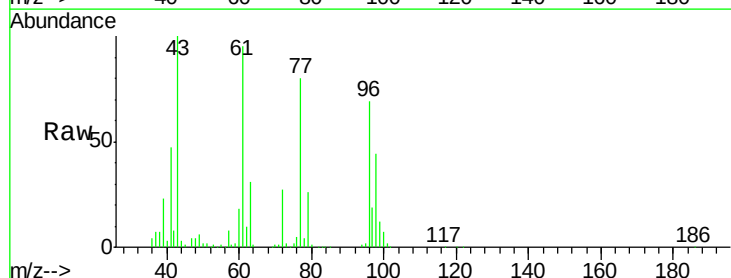
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

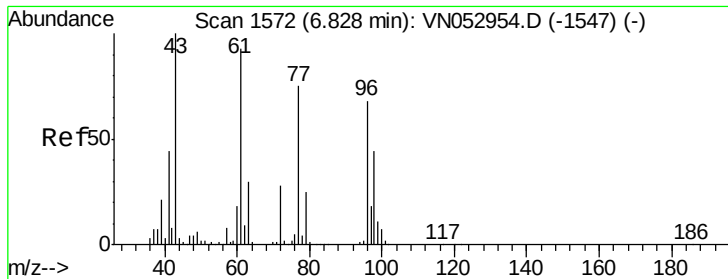
Tgt Ion: 43 Resp: 944301
Ion Ratio Lower Upper
43 100
72 27.5 21.0 31.6



#26
2,2-Dichloropropane
Concen: 48.942 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

Tgt Ion: 77 Resp: 768741
Ion Ratio Lower Upper
77 100
97 24.4 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 49.506 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

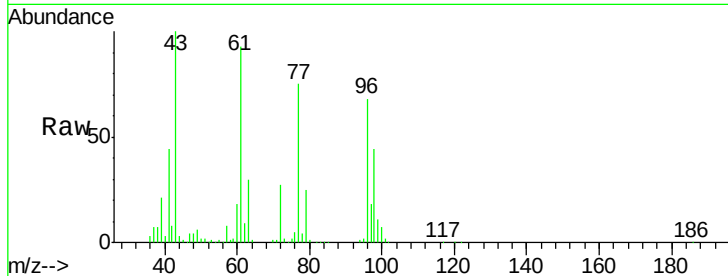
Tgt Ion: 96 Resp: 630647

Ion Ratio Lower Upper

96 100

61 140.3 0.0 284.2

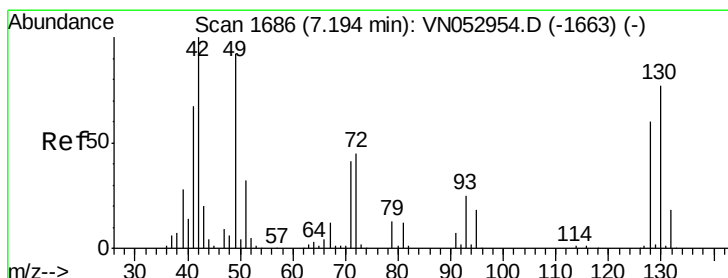
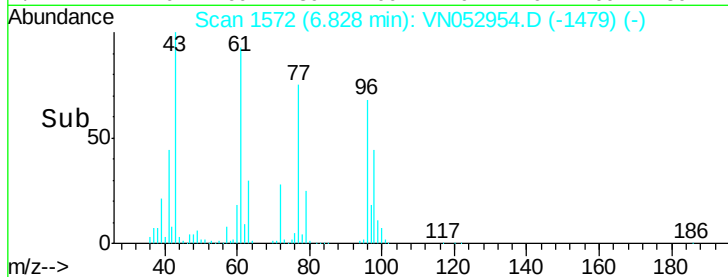
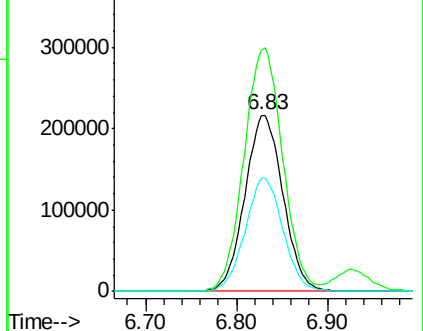
98 64.1 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN052954.D (-1547) (-)

Ion 60.90 (60.60 to 61.60): VN052954.D (-1547) (-)

Ion 97.90 (97.60 to 98.60): VN052954.D (-1547) (-)



#28

Bromochloromethane

Concen: 50.458 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

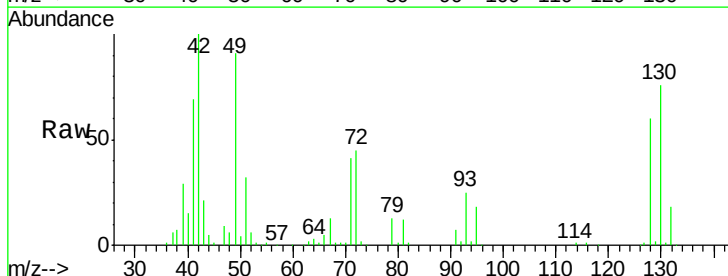
Tgt Ion: 49 Resp: 449890

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

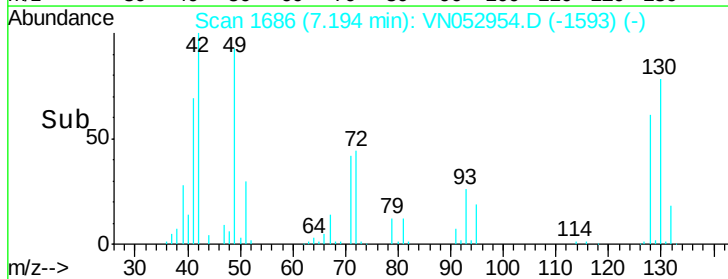
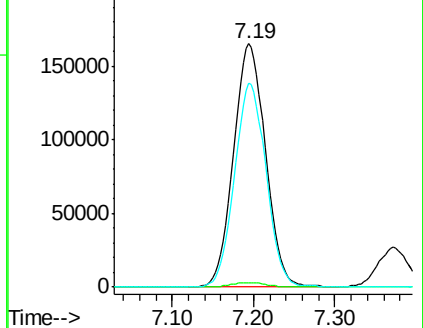
130 82.6 63.3 94.9

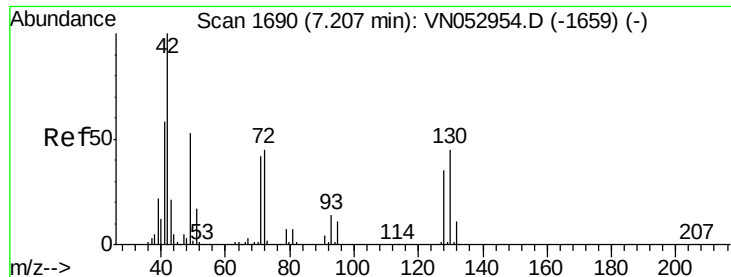


Abundance Ion 48.90 (48.60 to 49.60): VN052954.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN052954.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN052954.D (-1663) (-)

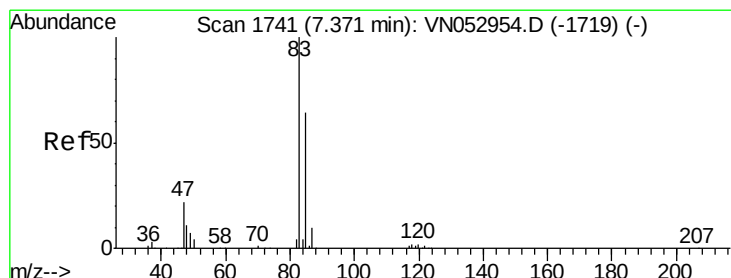
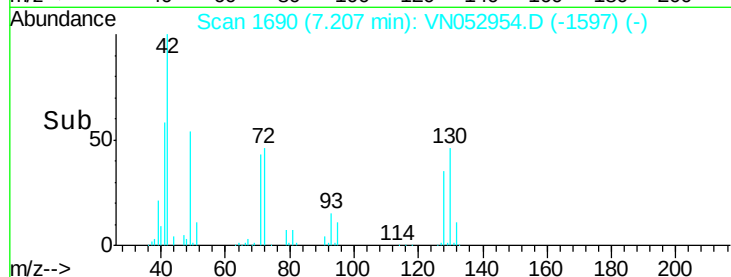
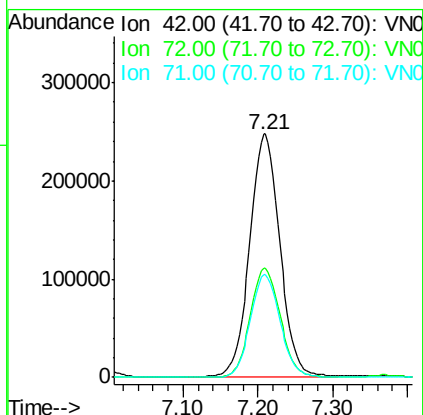
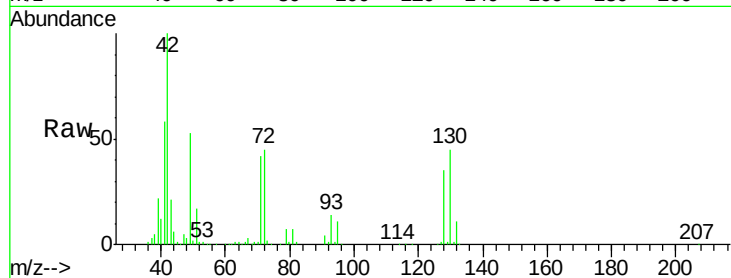




#29
Tetrahydrofuran
Concen: 254.527 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

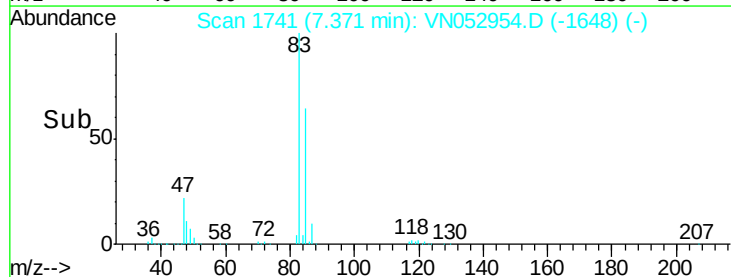
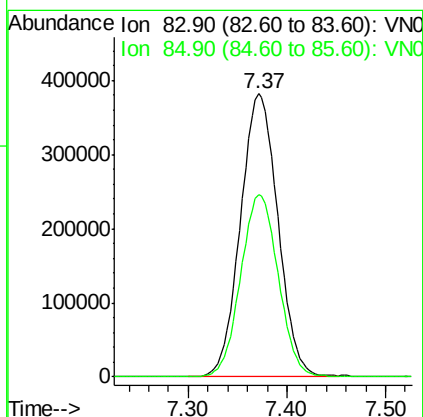
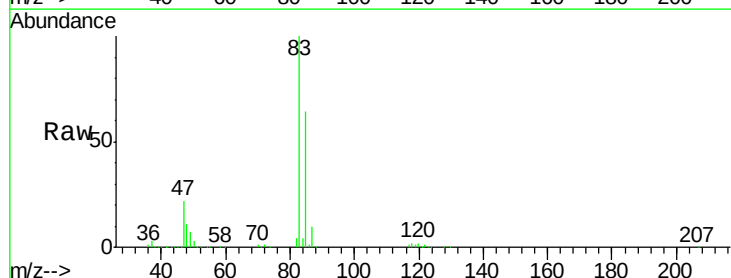
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

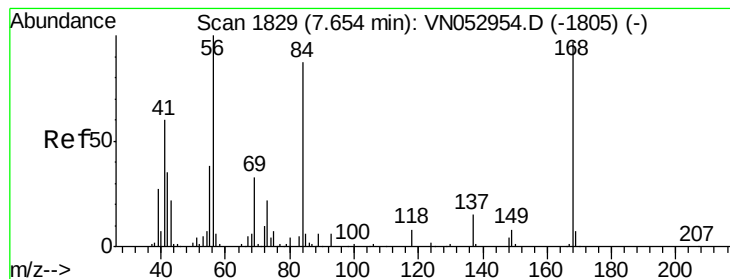
Tgt Ion: 42 Resp: 697501
Ion Ratio Lower Upper
42 100
72 44.8 34.7 52.1
71 41.7 32.3 48.5



#30
Chloroform
Concen: 49.631 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

Tgt Ion: 83 Resp: 1003184
Ion Ratio Lower Upper
83 100
85 64.4 52.1 78.1





#31

Cyclohexane

Concen: 49.543 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

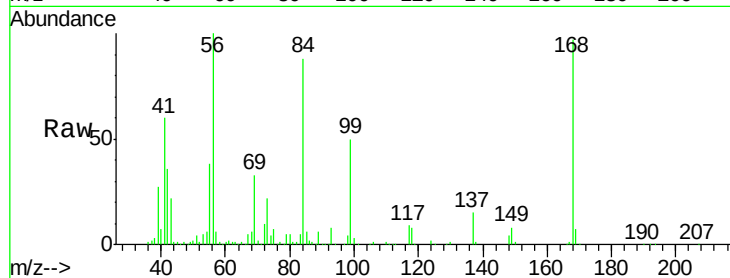
Tgt Ion: 56 Resp: 956260

Ion Ratio Lower Upper

56 100

69 32.7 26.6 39.8

84 86.7 68.4 102.6

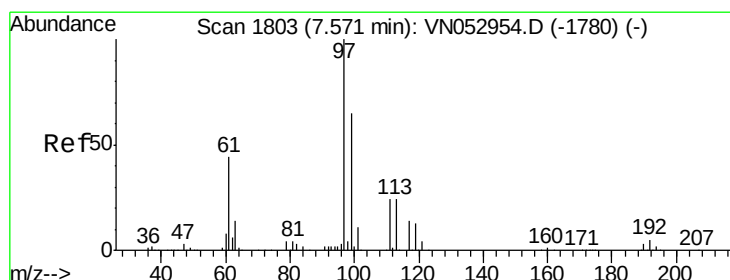
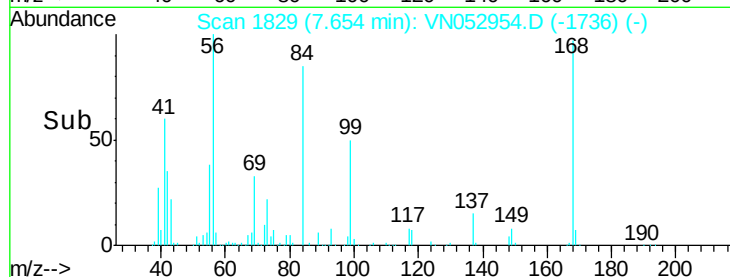
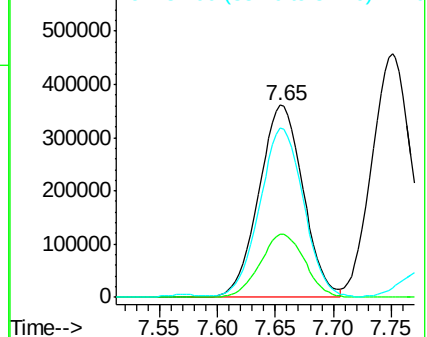


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 49.414 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

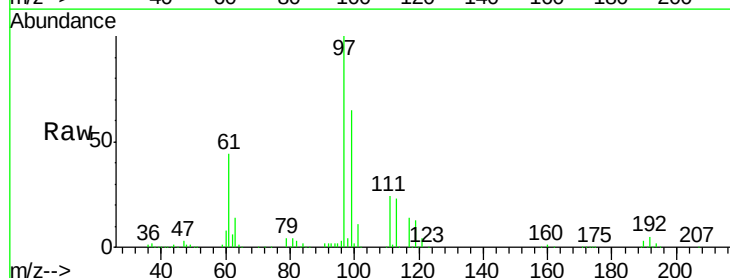
Tgt Ion: 97 Resp: 850859

Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

61 43.0 35.0 52.6

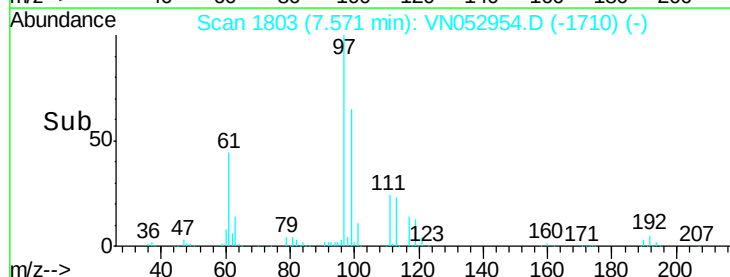
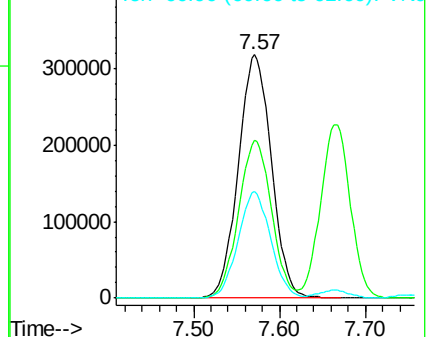


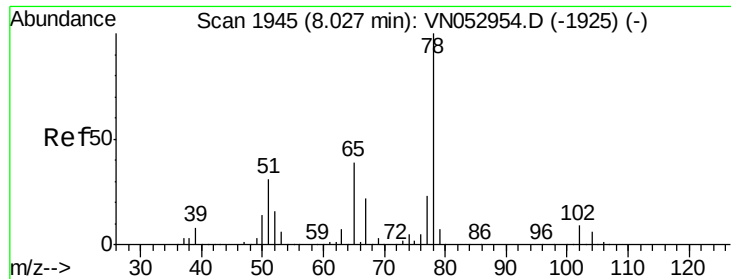
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

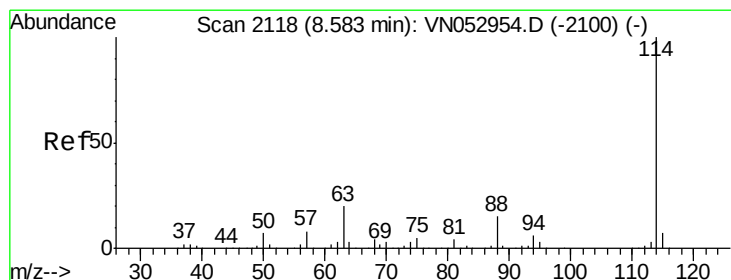
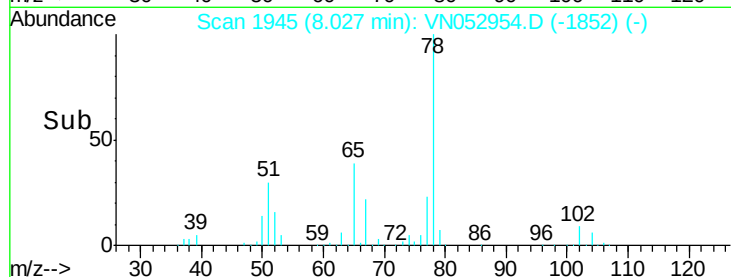
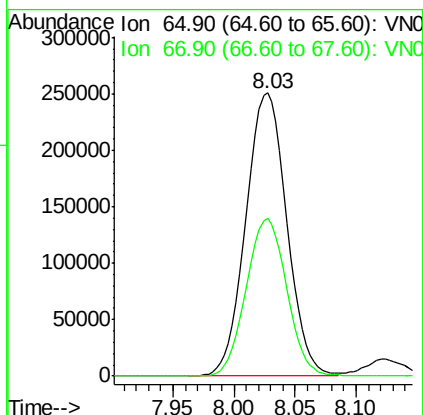
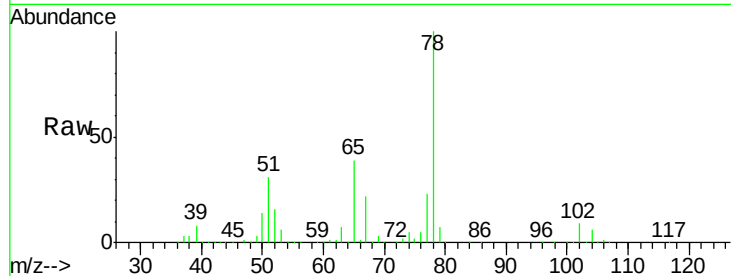




#33
 1,2-Dichloroethane-d4
 Concen: 49.414 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

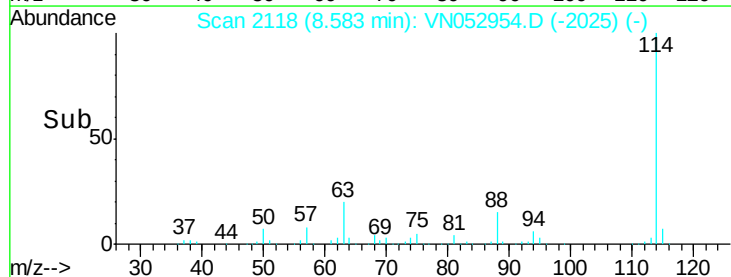
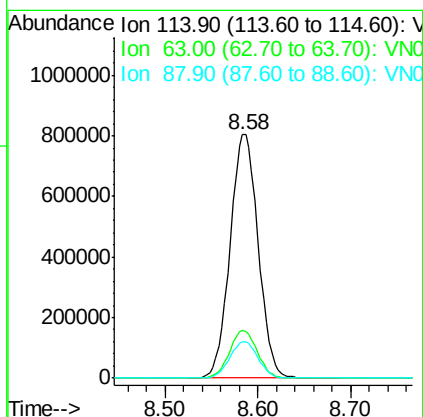
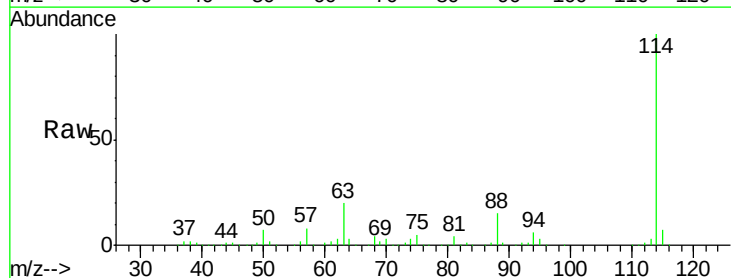
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

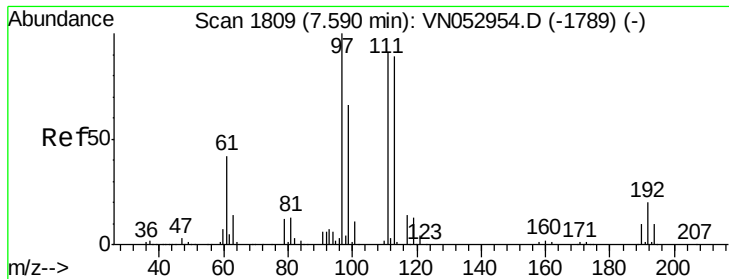
Tgt Ion: 65 Resp: 583311
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Tgt Ion: 114 Resp: 1687133
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.1 0.0 31.0

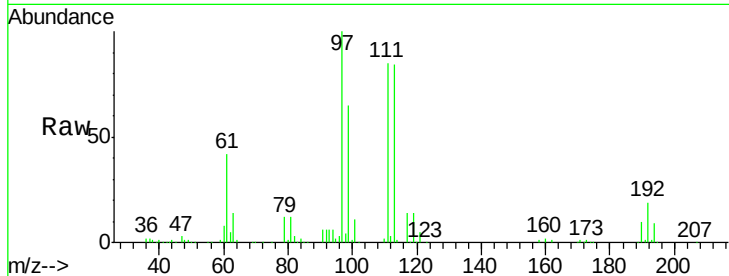




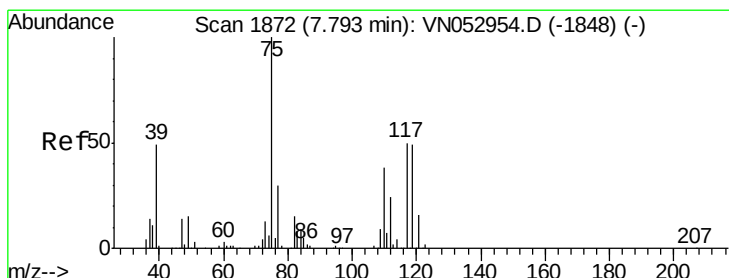
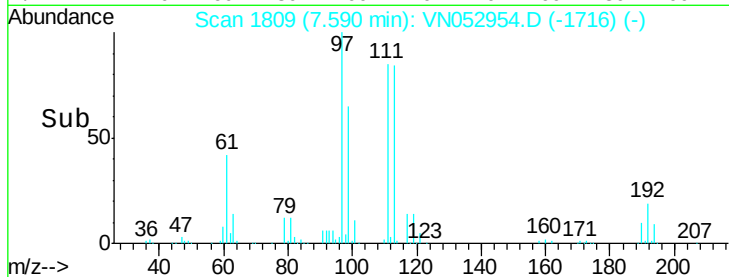
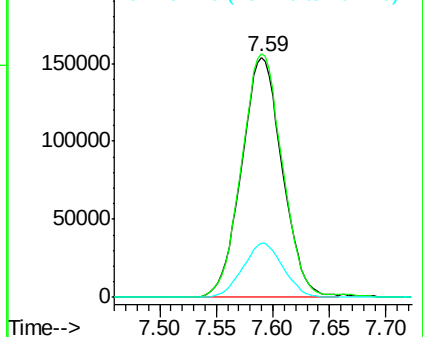
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.0	124.4
192	22.5	17.5	26.3

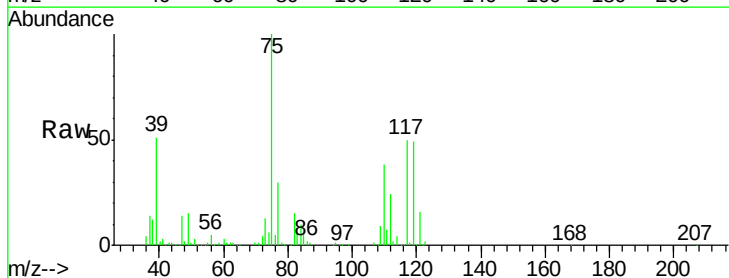


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

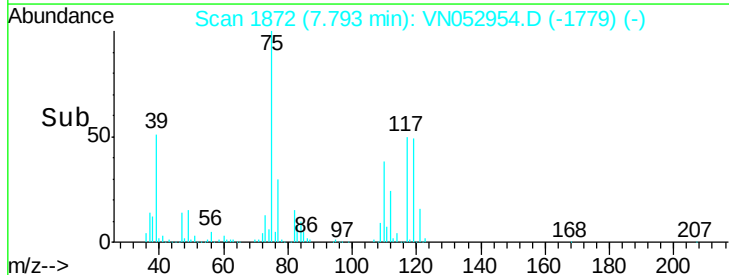
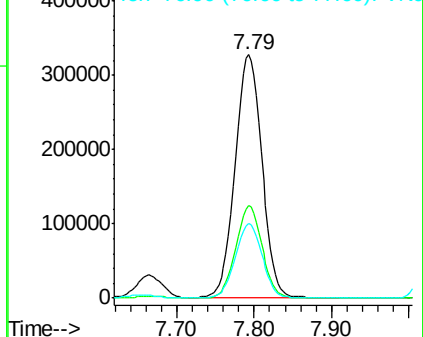


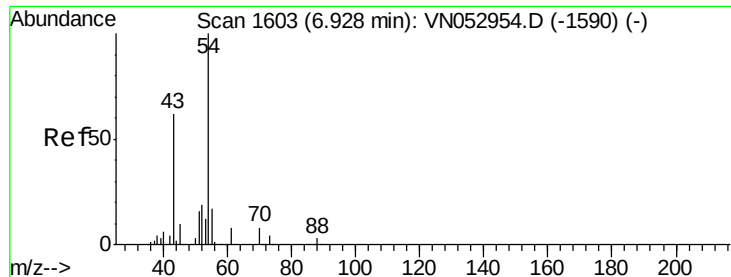
#36
1,1-Dichloropropene
Concen: 48.586 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.2	54.6
77	30.7	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

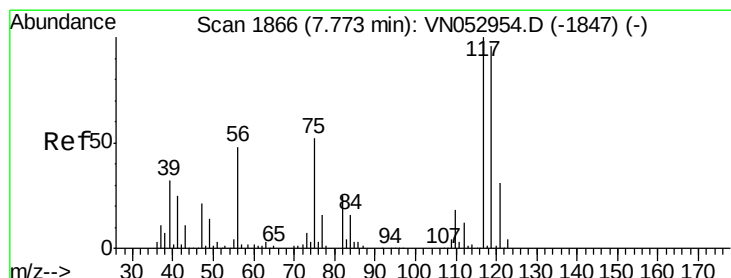
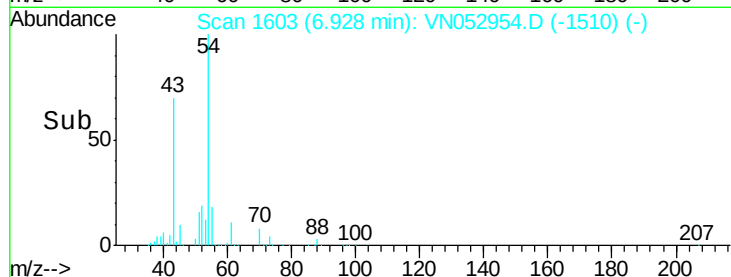
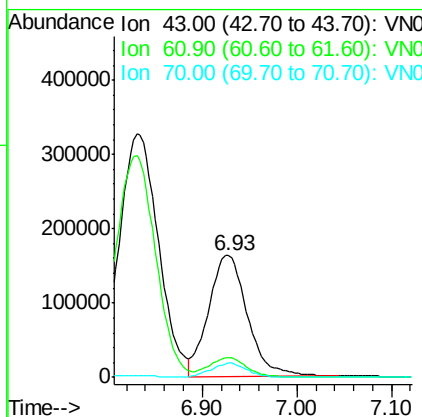
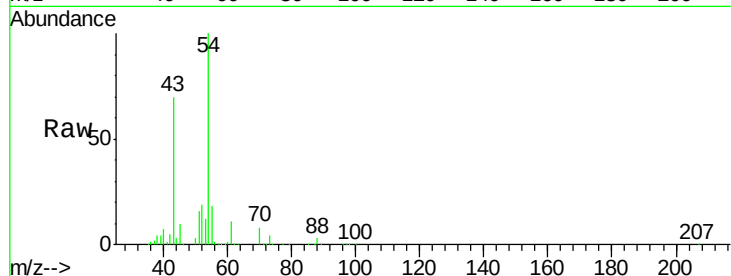




#37
Ethyl Acetate
 Concen: 51.272 ug/l
 RT: 6.93 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

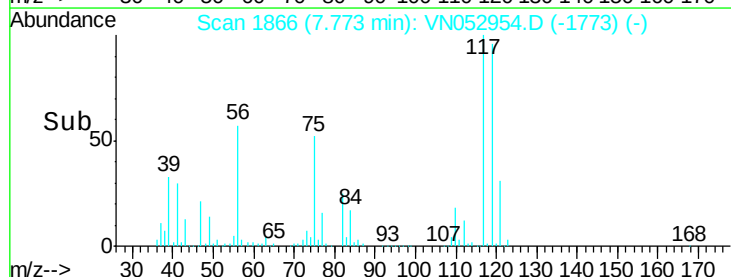
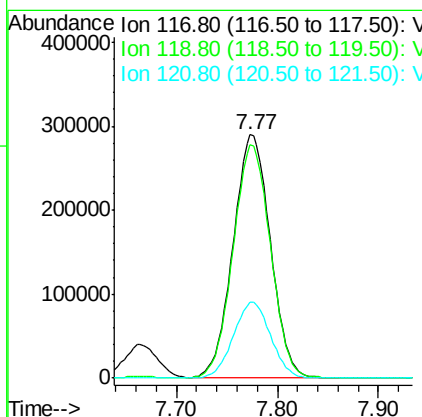
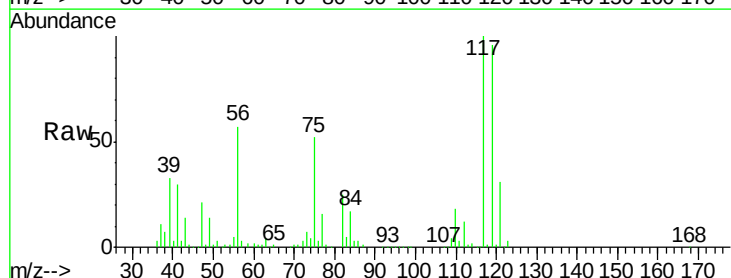
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

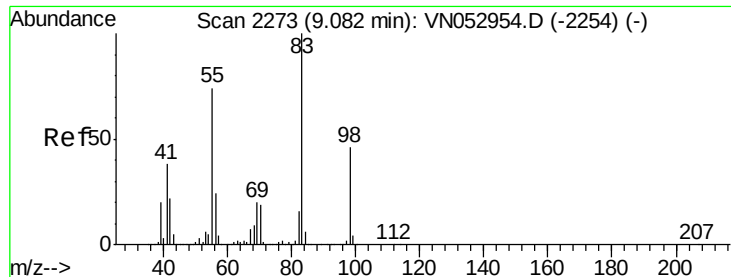
Tgt Ion: 43 Resp: 463499
 Ion Ratio Lower Upper
 43 100
 61 15.3 11.8 17.6
 70 11.0 8.4 12.6



#38
Carbon Tetrachloride
 Concen: 49.755 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Tgt Ion: 117 Resp: 738502
 Ion Ratio Lower Upper
 117 100
 119 95.9 77.1 115.7
 121 31.2 24.9 37.3

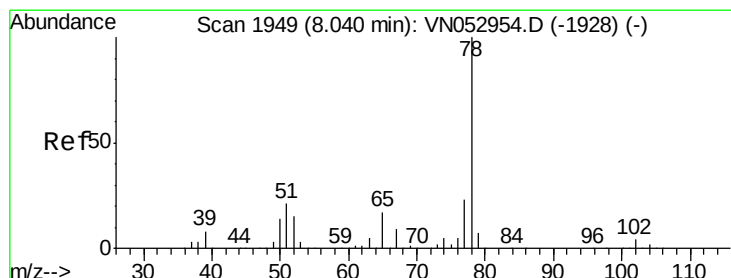
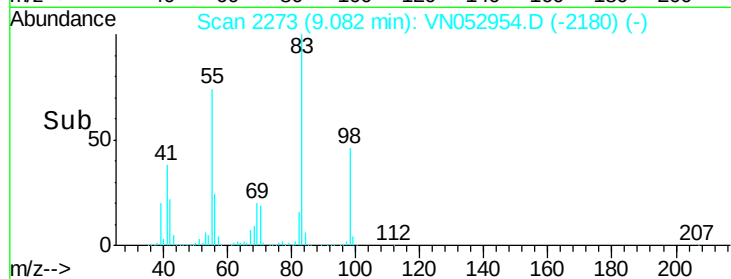
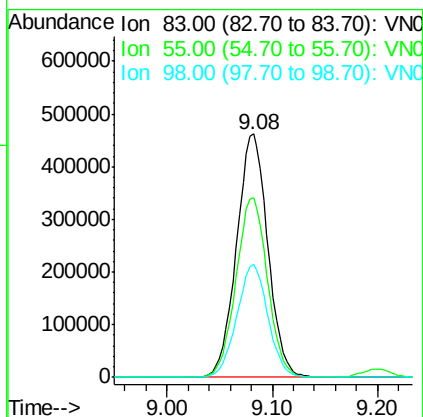
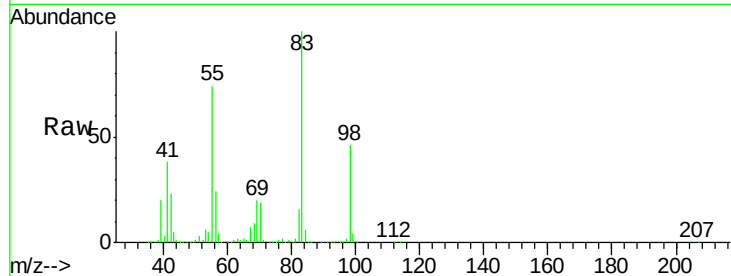




#39
Methylcyclohexane
Concen: 48.277 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

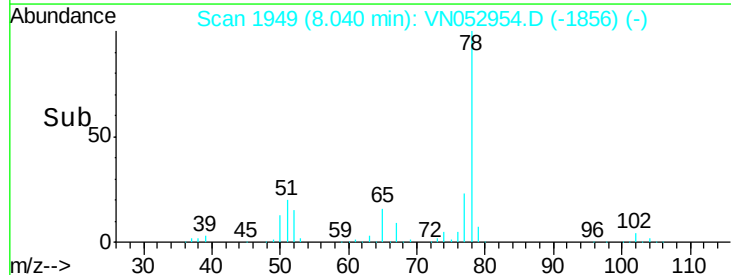
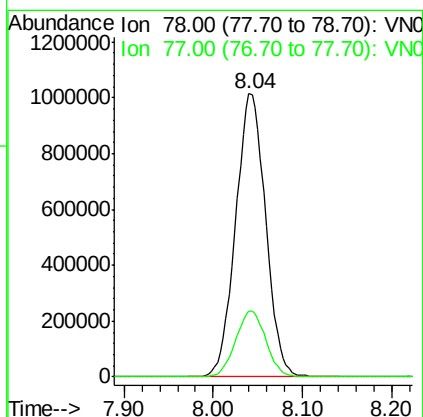
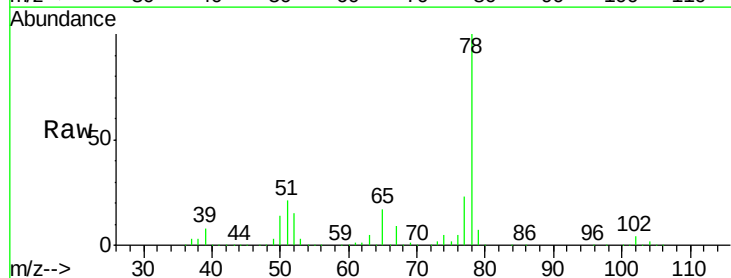
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

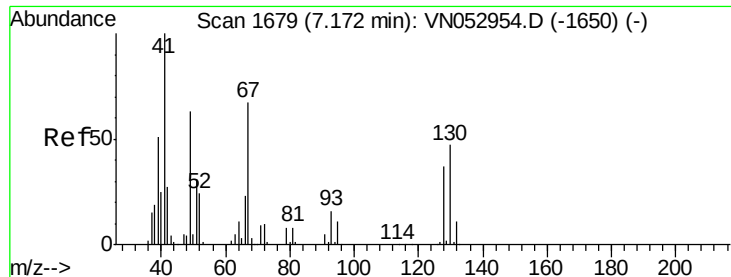
Tgt Ion: 83 Resp: 949701
Ion Ratio Lower Upper
83 100
55 73.9 61.3 91.9
98 46.4 37.0 55.4



#40
Benzene
Concen: 49.218 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

Tgt Ion: 78 Resp: 2370731
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7

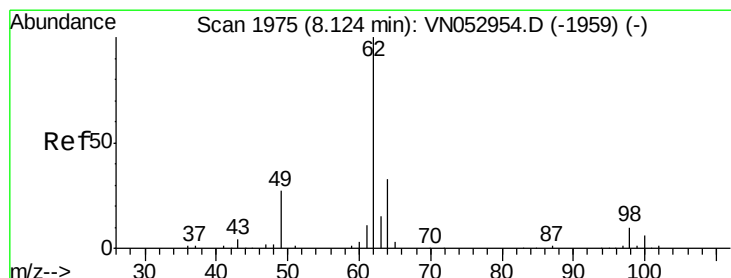
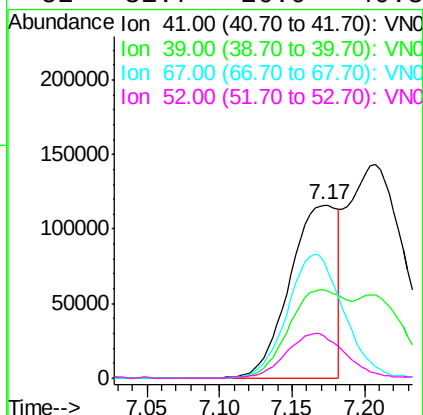
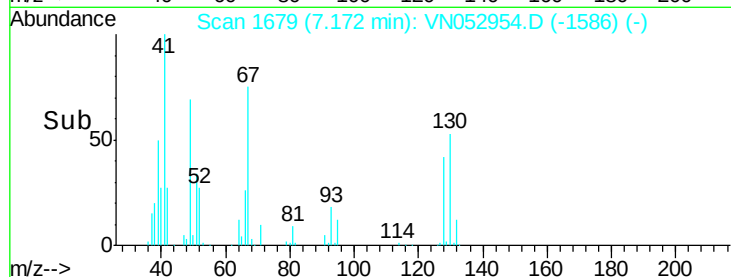
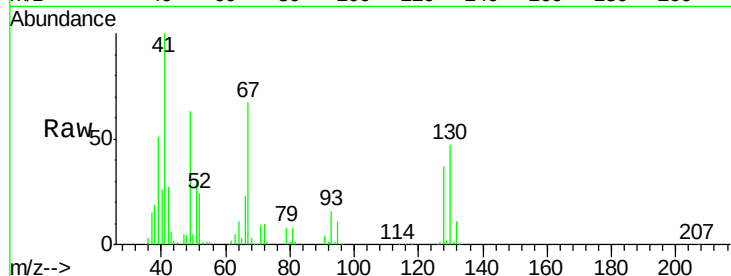




#41
Methacrylonitrile
Concen: 50.530 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

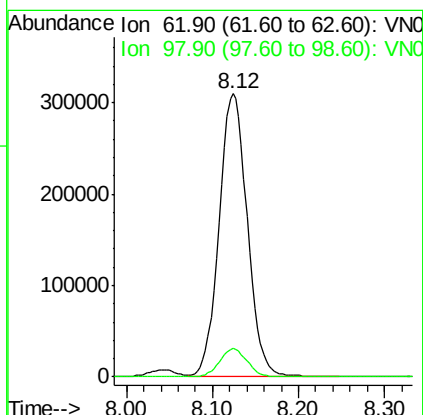
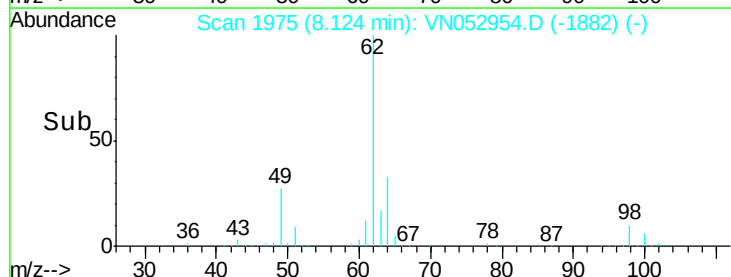
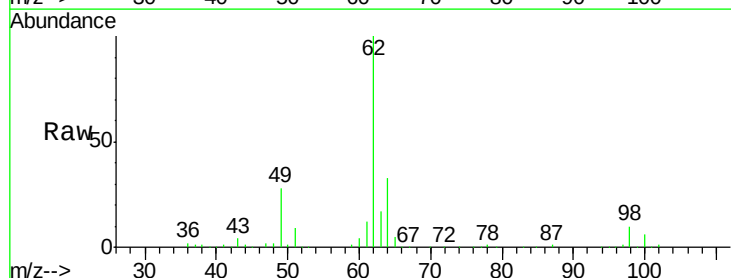
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

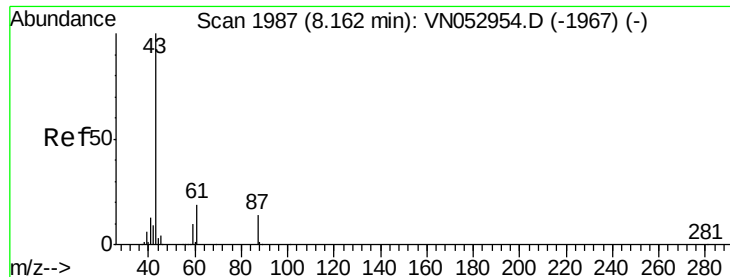
Tgt Ion:	41	Resp:	263931
Ion	Ratio	Lower	Upper
41	100		
39	63.4	48.0	72.0
67	85.2	70.3	105.5
52	31.7	26.9	40.3



#42
1,2-Dichloroethane
Concen: 49.502 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

Tgt Ion:	62	Resp:	704382
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0





#43

Isopropyl Acetate

Concen: 50.242 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

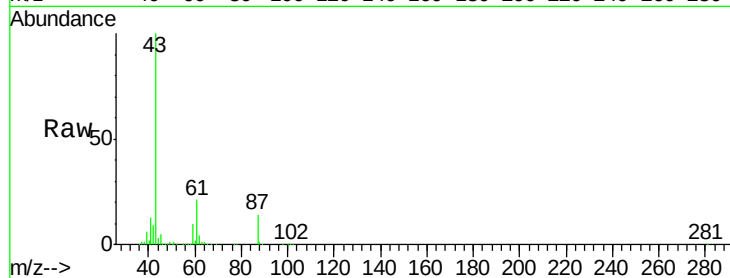
Tgt Ion: 43 Resp: 878857

Ion Ratio Lower Upper

43 100

61 28.9 22.9 34.3

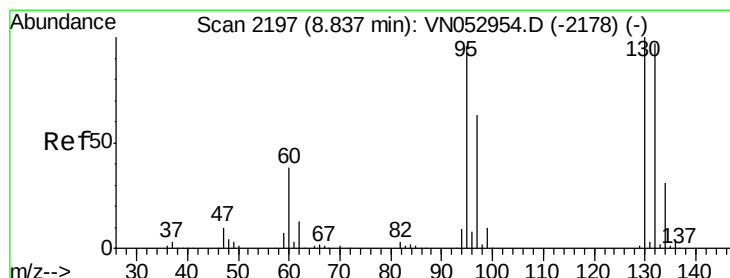
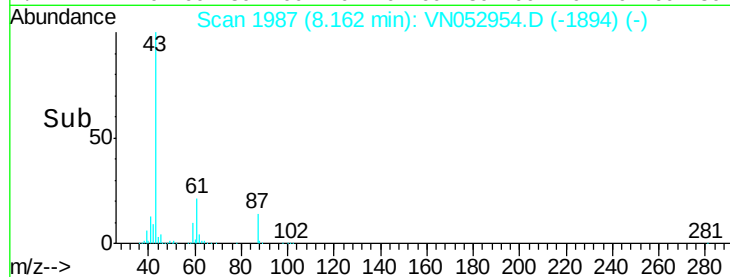
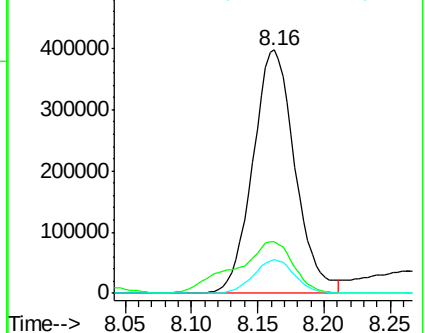
87 13.6 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052954.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052954.D (-1967) (-)



#44

Trichloroethene

Concen: 49.391 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052954.D

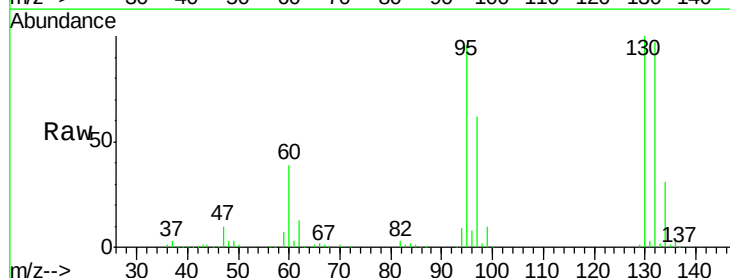
Acq: 18 Dec 2018 11:49

Tgt Ion: 130 Resp: 688106

Ion Ratio Lower Upper

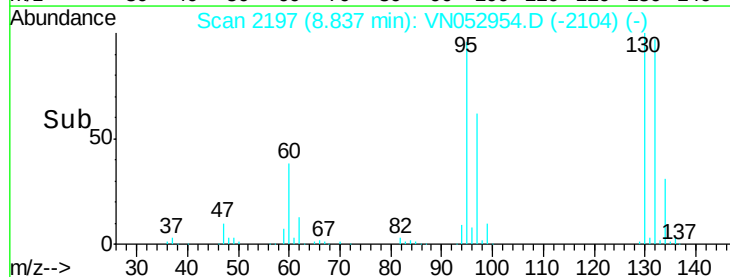
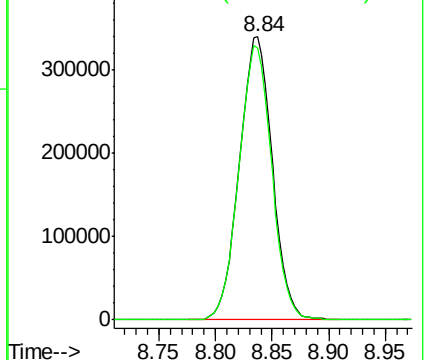
130 100

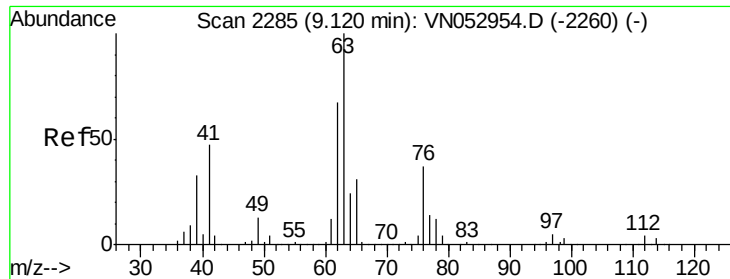
95 96.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN052954.D (-2178) (-)

Ion 94.90 (94.60 to 95.60): VN052954.D (-2178) (-)

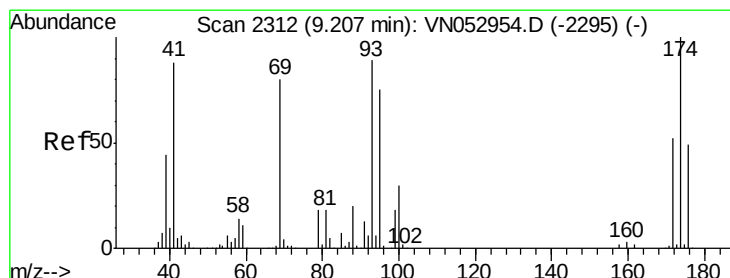
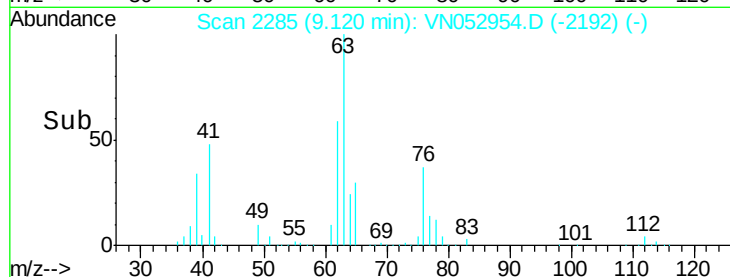
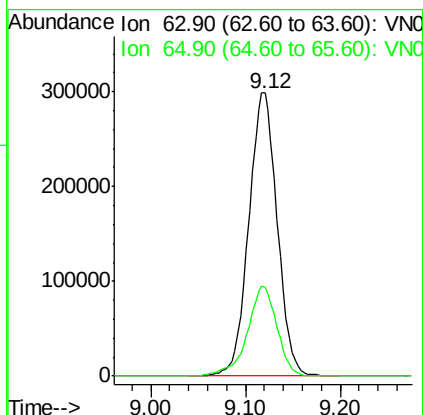
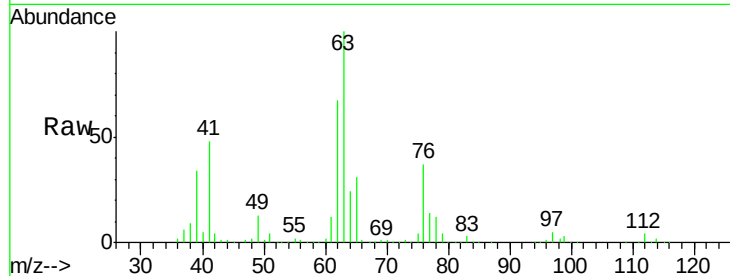




#45
 1,2-Dichloropropane
 Concen: 49.631 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

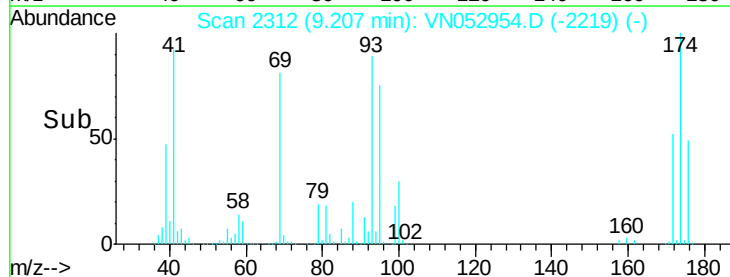
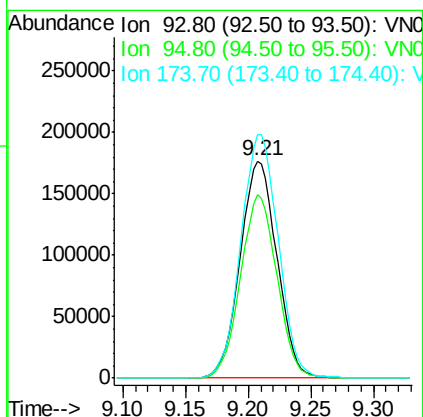
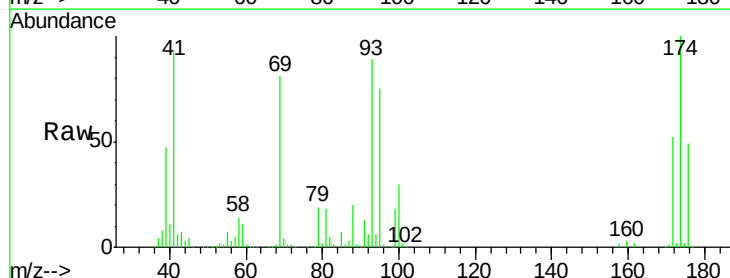
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

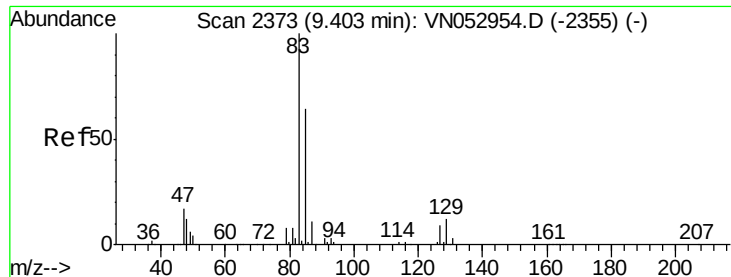
Tgt Ion: 63 Resp: 622678
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 37.0



#46
 Dibromomethane
 Concen: 49.452 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Tgt Ion: 93 Resp: 361431
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.8 101.6
 174 113.9 89.0 133.4

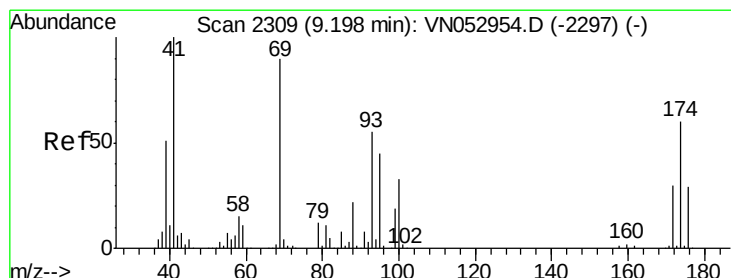
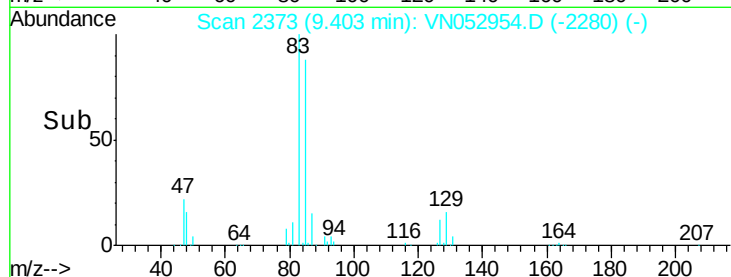
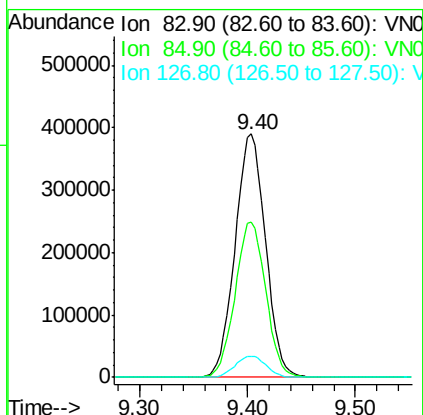
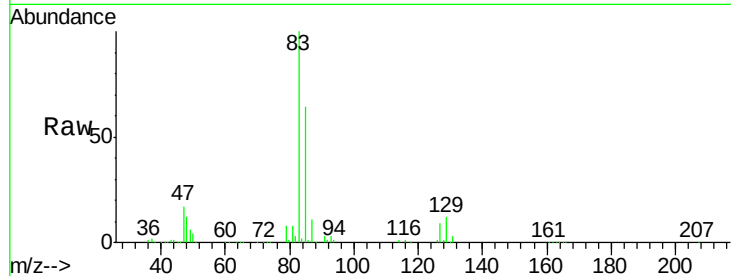




#47
Bromodichloromethane
Concen: 49.466 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

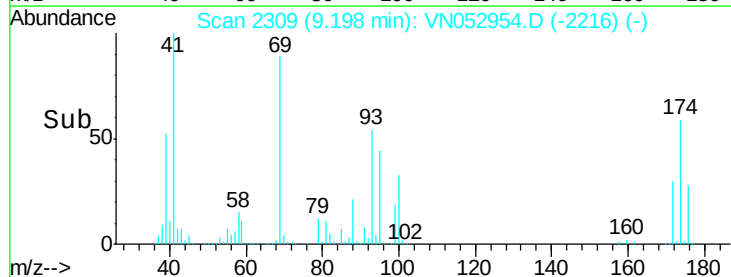
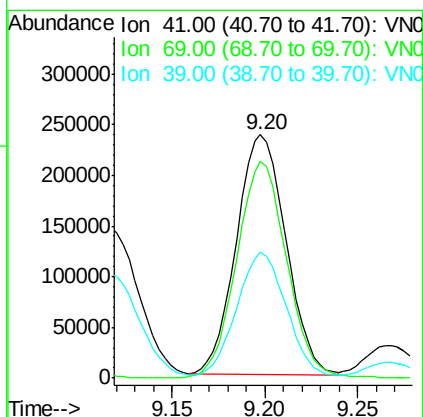
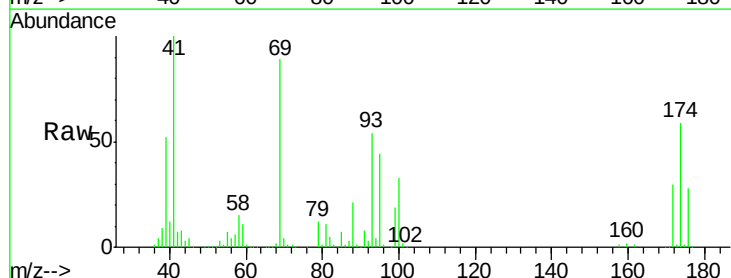
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

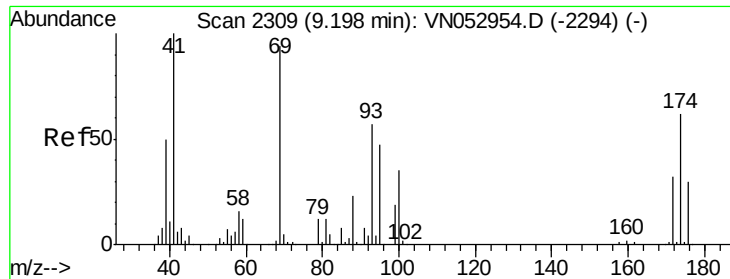
Tgt Ion: 83 Resp: 768501
Ion Ratio Lower Upper
83 100
85 63.8 51.6 77.4
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 49.972 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

Tgt Ion: 41 Resp: 438364
Ion Ratio Lower Upper
41 100
69 90.9 72.2 108.2
39 51.0 41.9 62.9





#49

1,4-Dioxane

Concen: 957.506 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

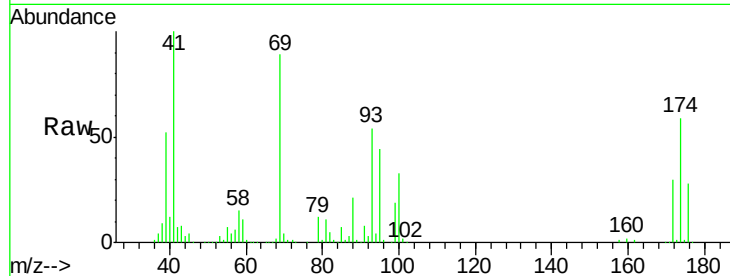
Tgt Ion: 88 Resp: 106249

Ion Ratio Lower Upper

88 100

43 33.0 26.6 40.0

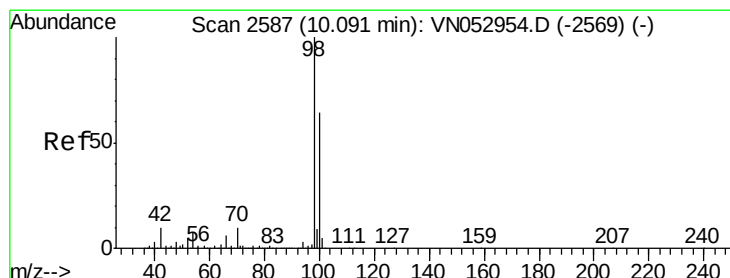
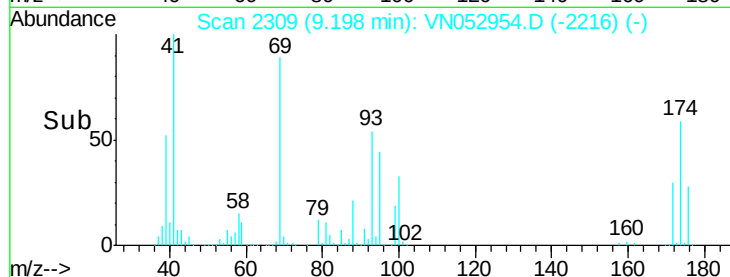
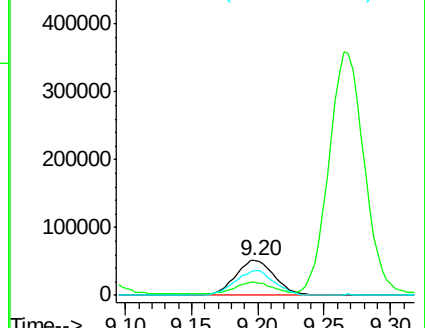
58 70.4 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VN052954.D (-2294) (-)

Ion 43.00 (42.70 to 43.70): VN052954.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-2294) (-)



#50

Toluene-d8

Concen: 957.506 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052954.D

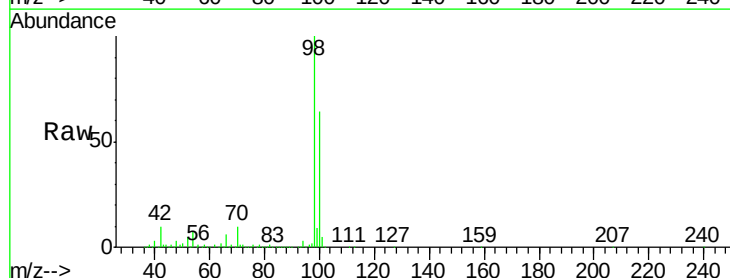
Acq: 18 Dec 2018 11:49

Tgt Ion: 98 Resp: 2134572

Ion Ratio Lower Upper

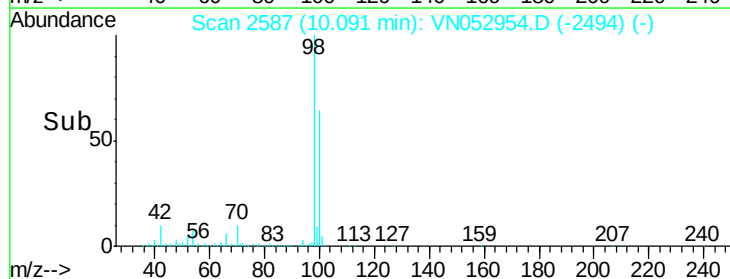
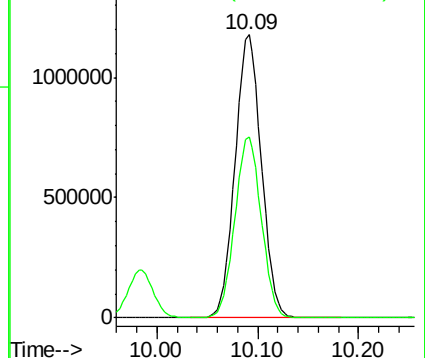
98 100

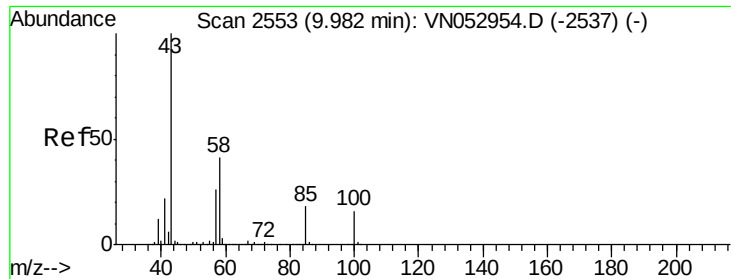
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN052954.D (-2569) (-)

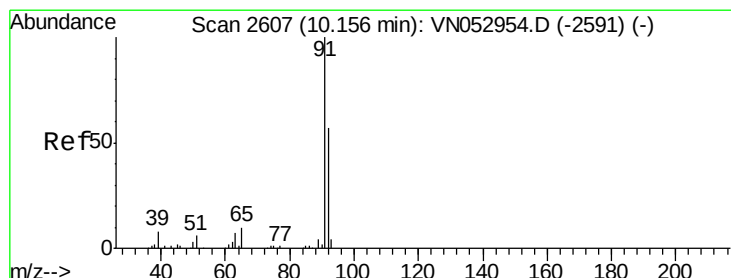
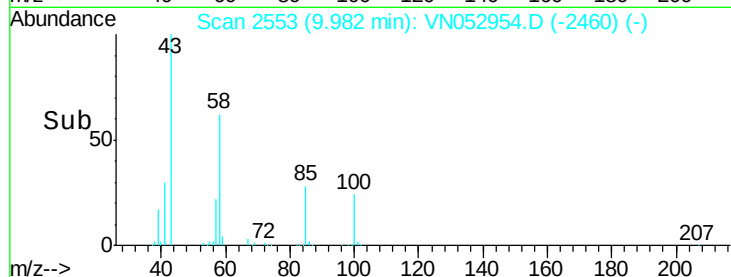
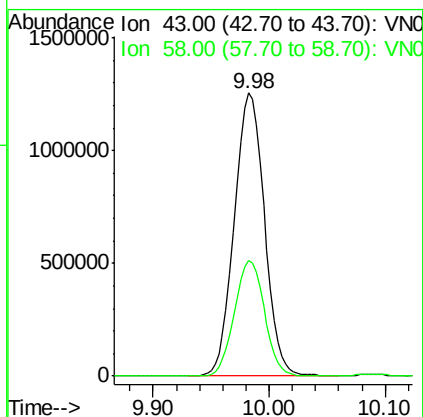
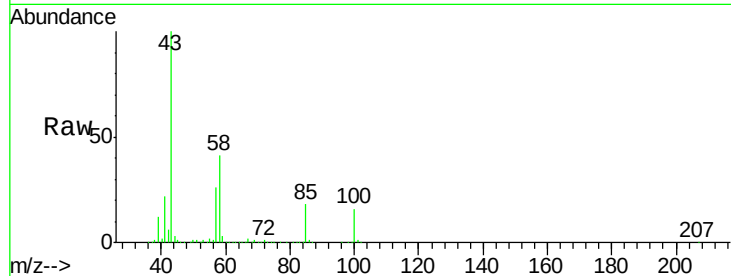




#51
 4-Methyl-2-Pentanone
 Concen: 257.350 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

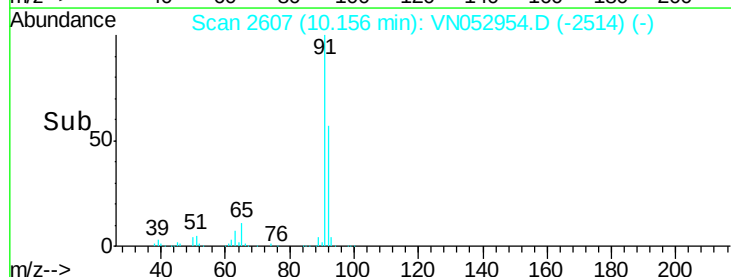
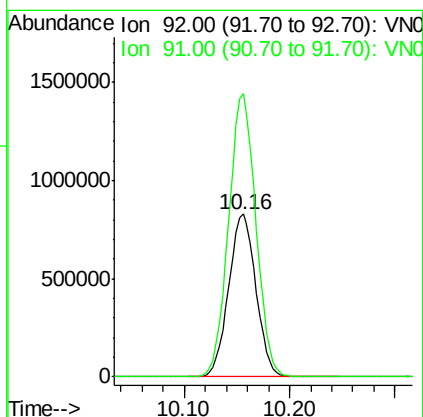
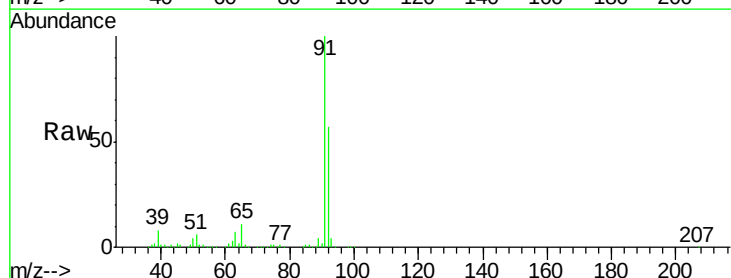
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

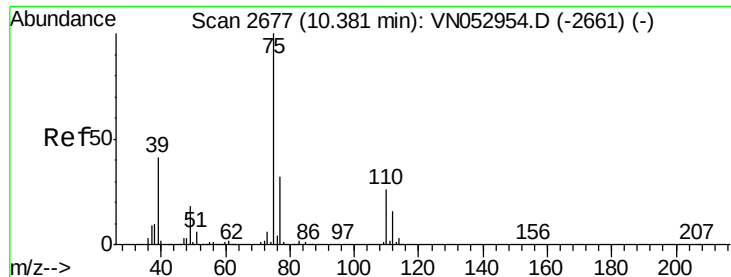
Tgt Ion: 43 Resp: 2252987
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.2 48.4



#52
 Toluene
 Concen: 49.585 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Tgt Ion: 92 Resp: 1480390
 Ion Ratio Lower Upper
 92 100
 91 174.2 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 49.982 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

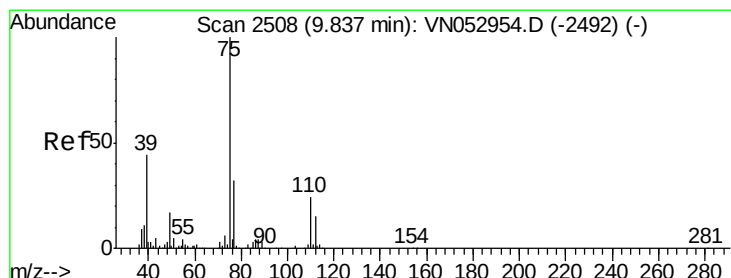
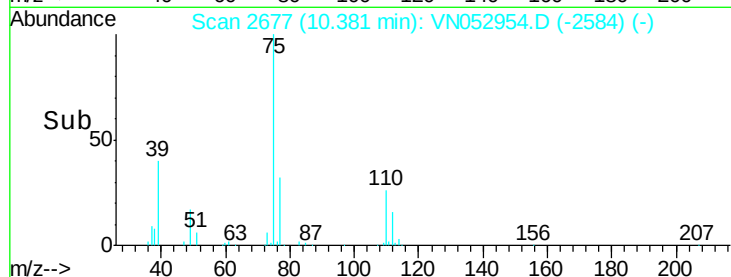
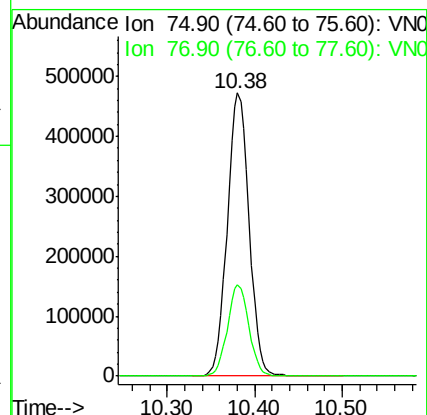
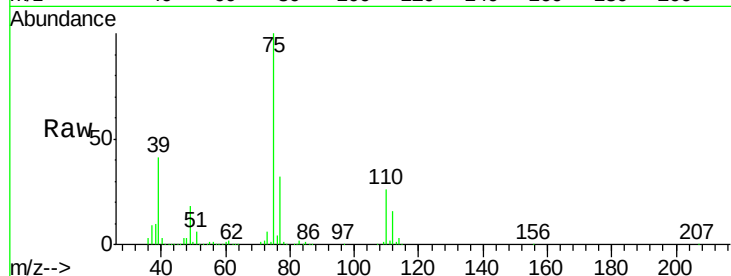
VSTDICCC050

Tgt Ion: 75 Resp: 816539

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 50.400 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

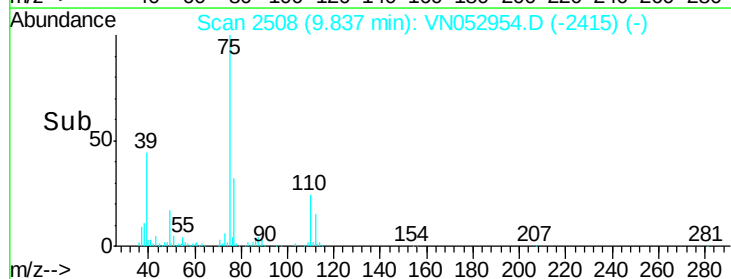
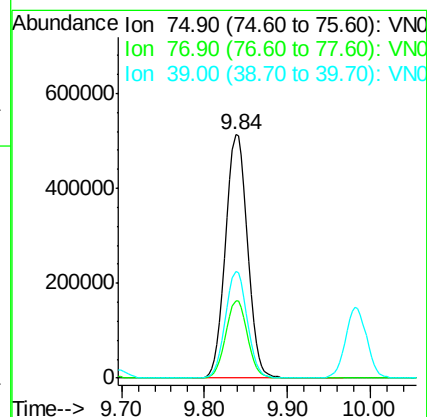
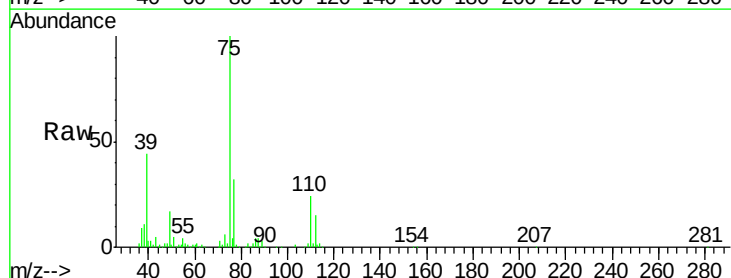
Tgt Ion: 75 Resp: 945085

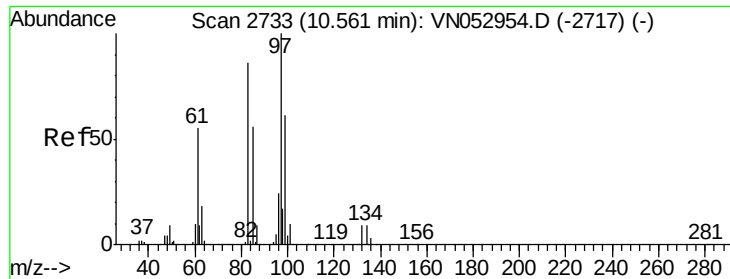
Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8

39 43.5 34.8 52.2

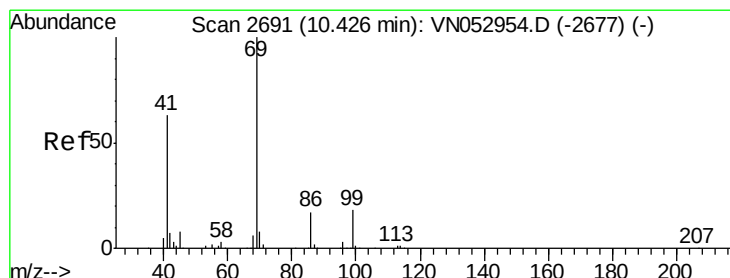
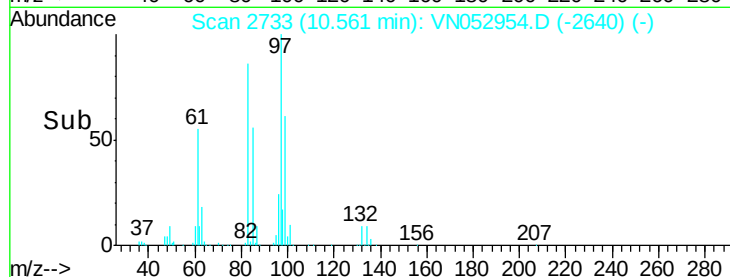
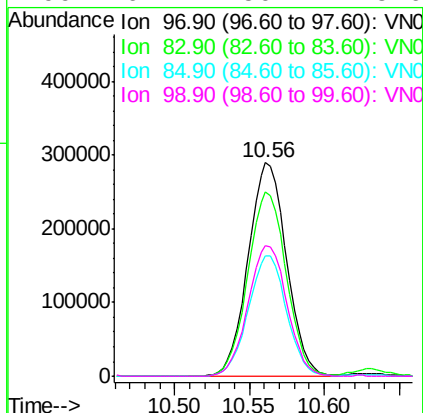
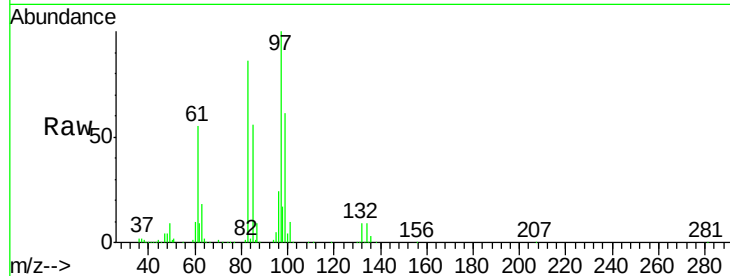




#55
 1,1,2-Trichloroethane
 Concen: 49.733 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

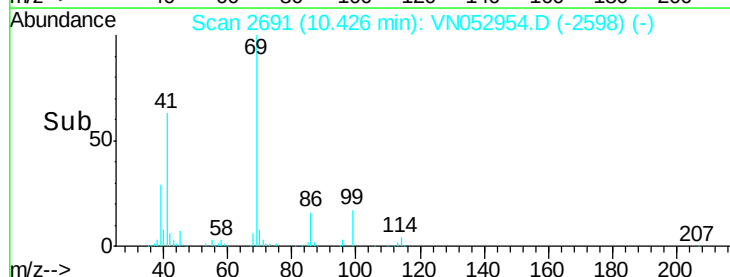
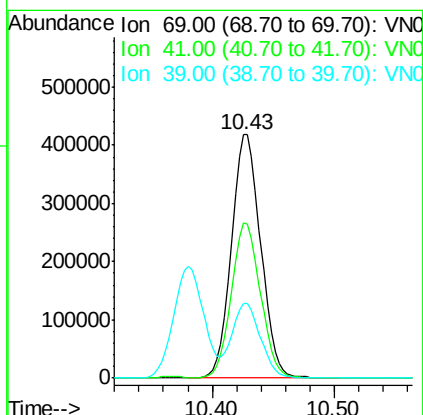
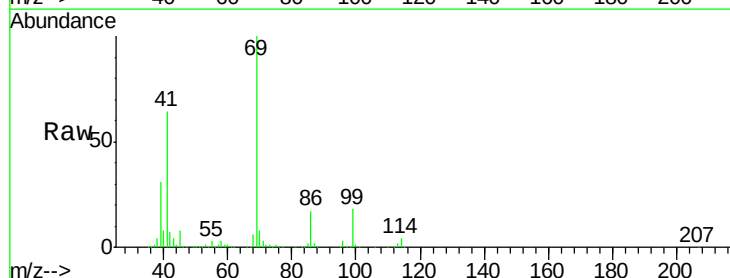
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

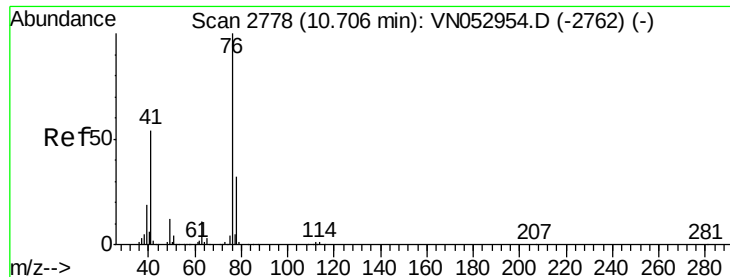
Tgt Ion:	97	Resp:	517998
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.9	106.3
85	56.4	45.4	68.2
99	61.2	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 50.675 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Tgt Ion:	69	Resp:	698605
Ion	Ratio	Lower	Upper
69	100		
41	62.7	51.7	77.5
39	29.8	24.6	37.0





#57

1,3-Dichloropropane

Concen: 50.377 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

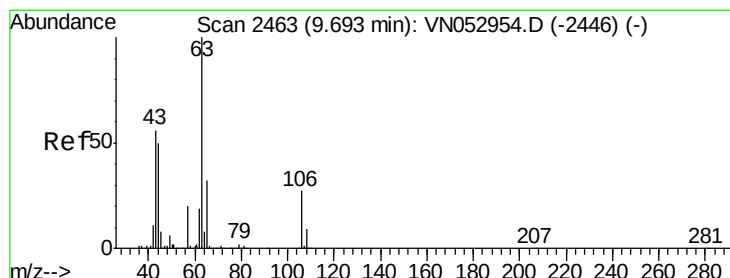
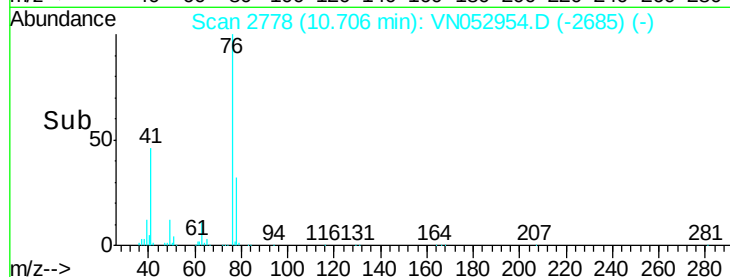
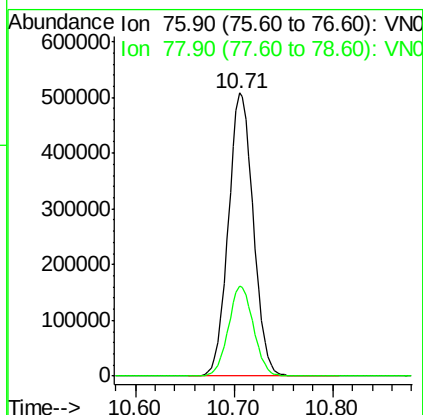
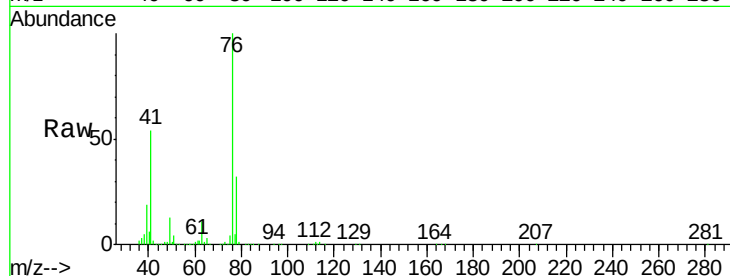
VSTDICCC050

Tgt Ion: 76 Resp: 899780

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 256.780 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN052954.D

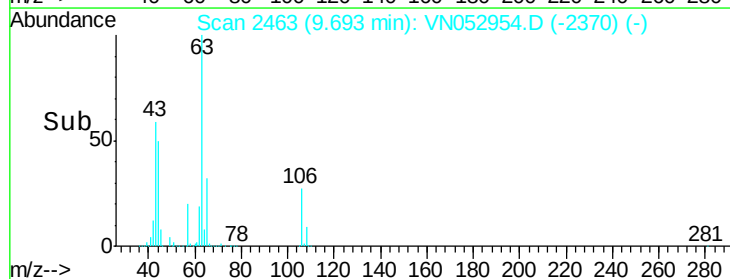
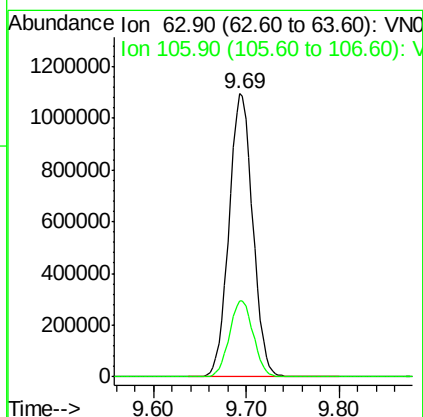
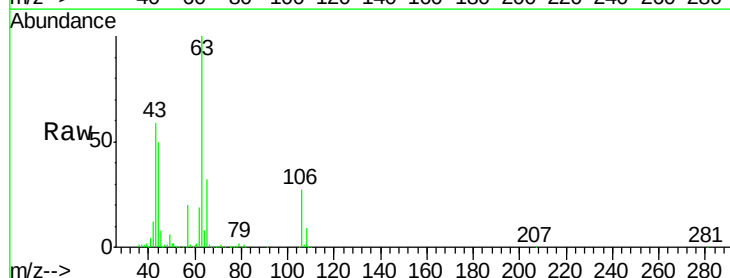
Acq: 18 Dec 2018 11:49

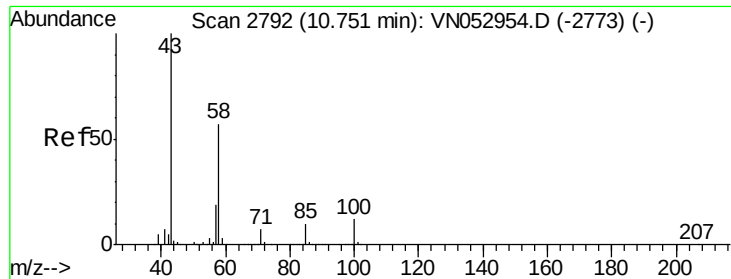
Tgt Ion: 63 Resp: 1943448

Ion Ratio Lower Upper

63 100

106 27.2 21.0 31.6

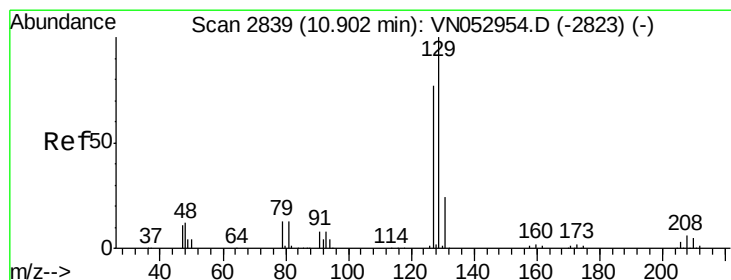
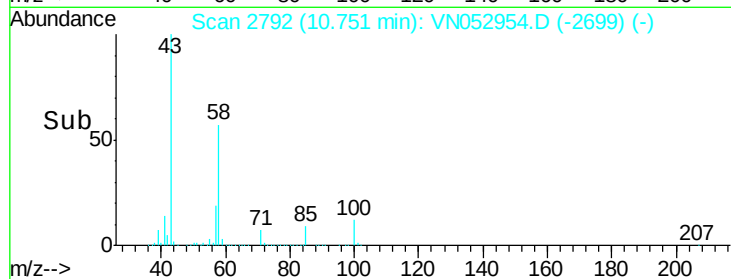
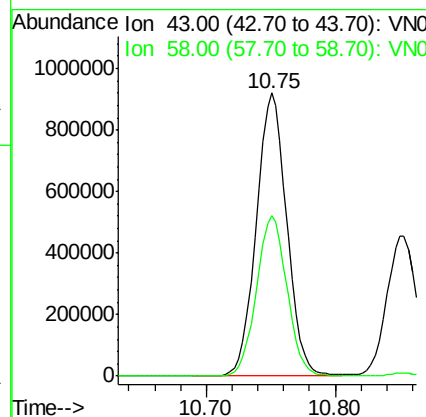
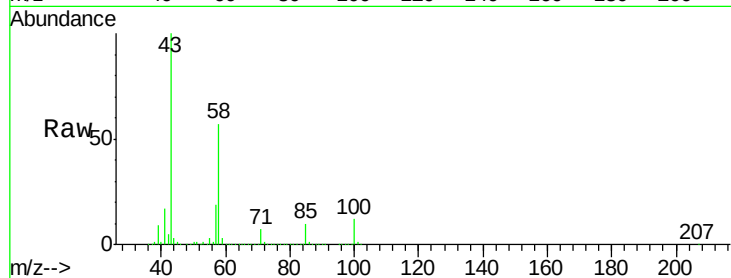




#59
2-Hexanone
Concen: 255.696 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

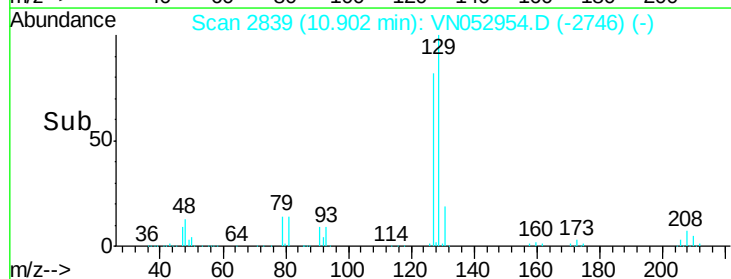
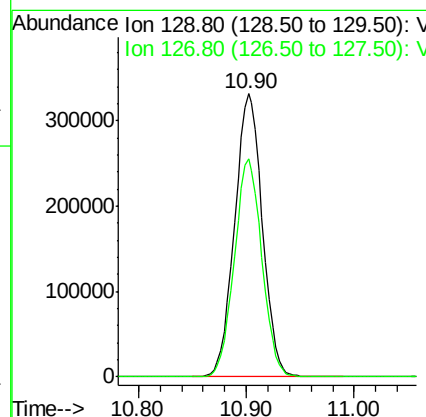
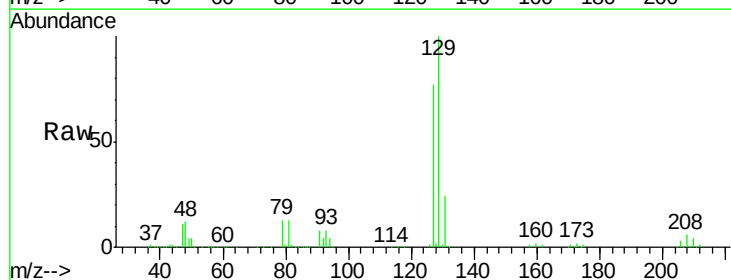
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

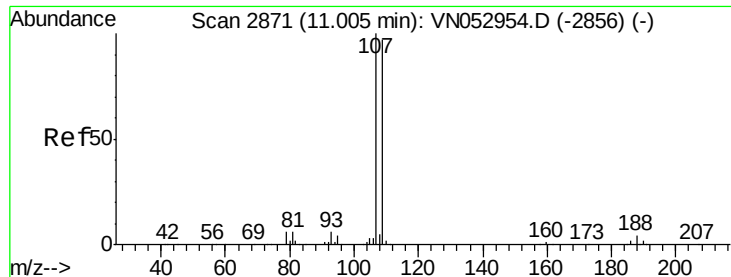
Tgt Ion: 43 Resp: 1514535
Ion Ratio Lower Upper
43 100
58 56.9 28.1 84.3



#60
Dibromochloromethane
Concen: 49.890 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

Tgt Ion: 129 Resp: 594820
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0

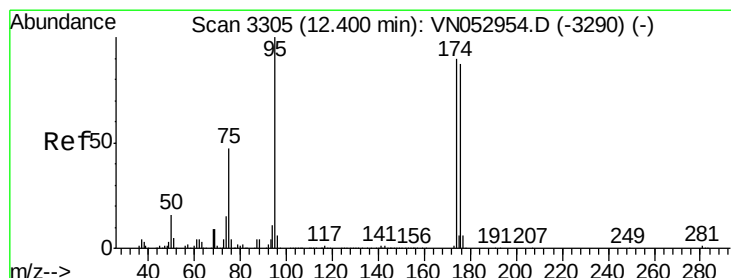
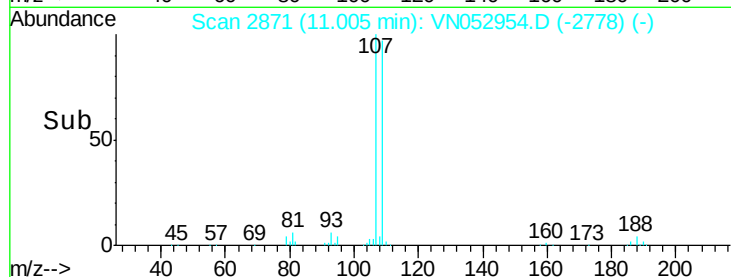
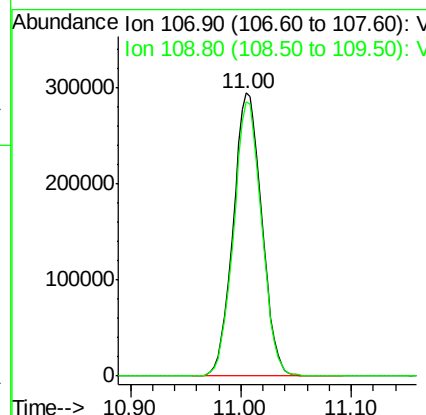
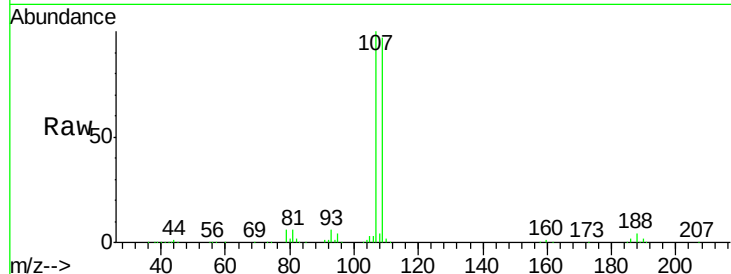




#61
 1,2-Dibromoethane
 Concen: 50.002 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

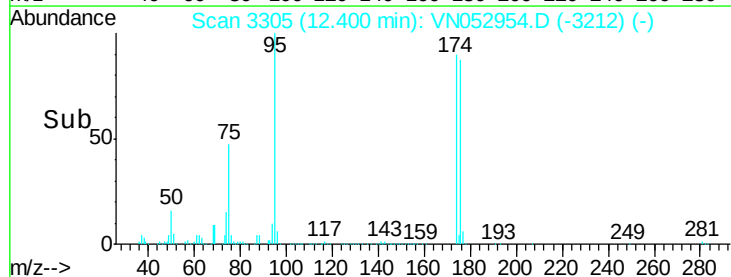
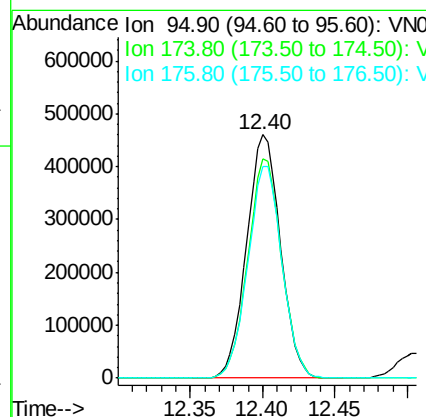
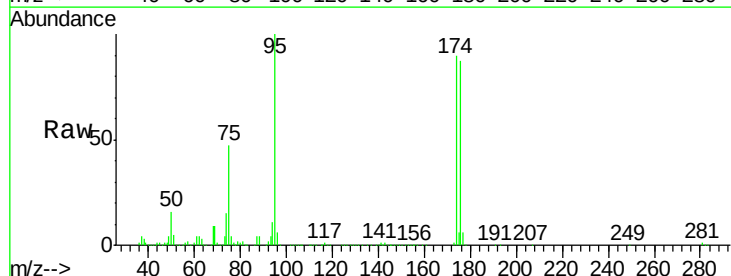
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

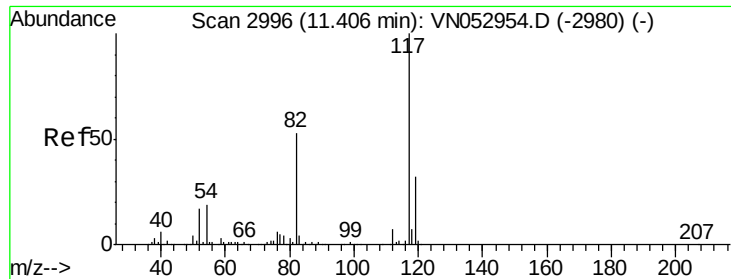
Tgt Ion: 107 Resp: 528936
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.002 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Tgt Ion: 95 Resp: 748708
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 178.8
 176 87.5 0.0 173.8

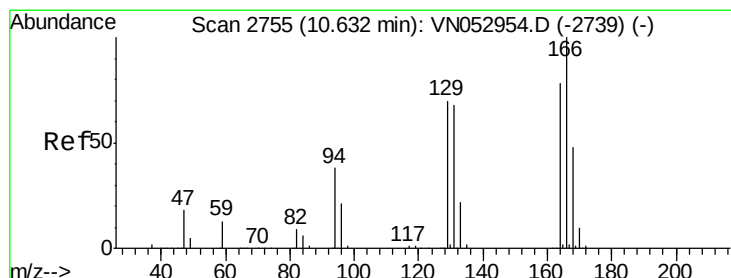
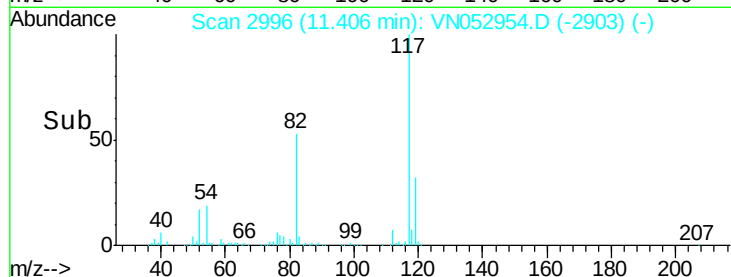
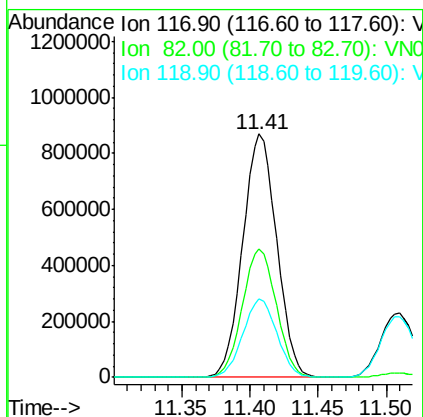
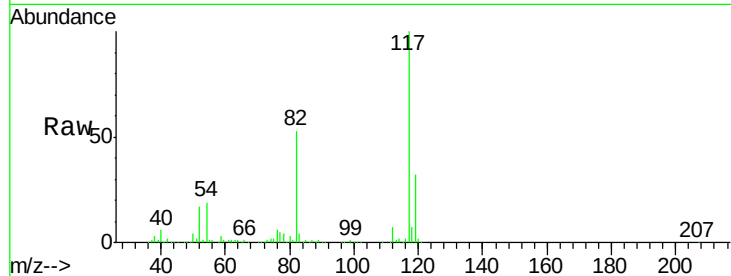




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

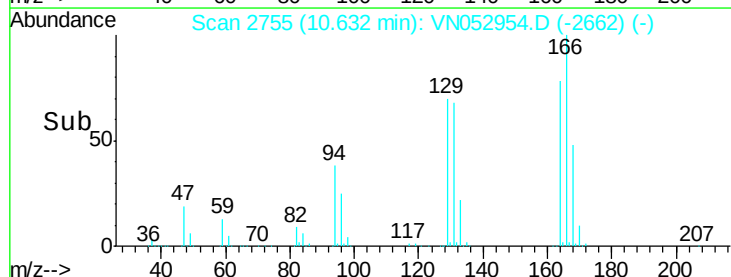
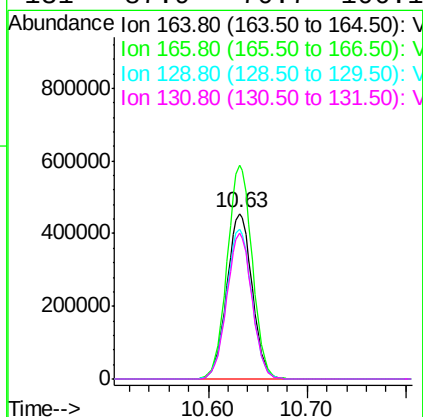
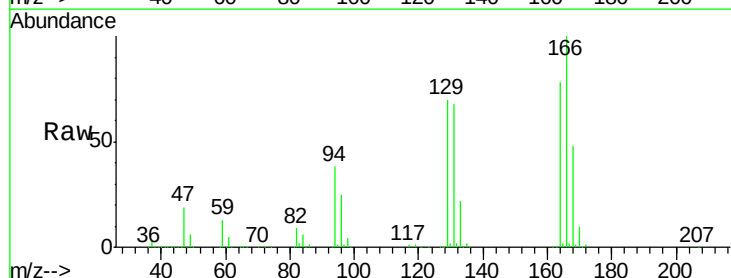
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

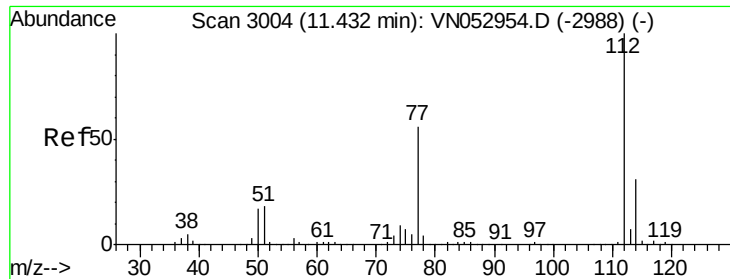
Tgt Ion:117 Resp: 1503237
Ion Ratio Lower Upper
117 100
82 52.5 42.8 64.2
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 50.036 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

Tgt Ion:164 Resp: 814757
Ion Ratio Lower Upper
164 100
166 129.0 102.9 154.3
129 90.9 73.7 110.5
131 87.9 70.7 106.1

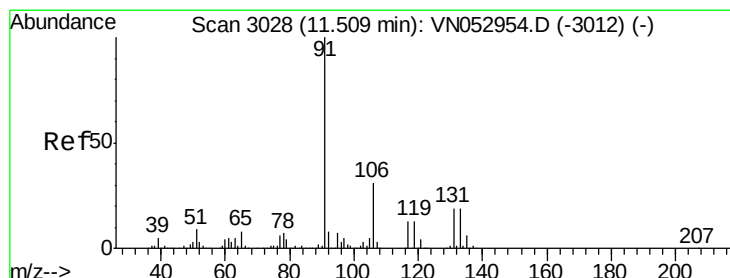
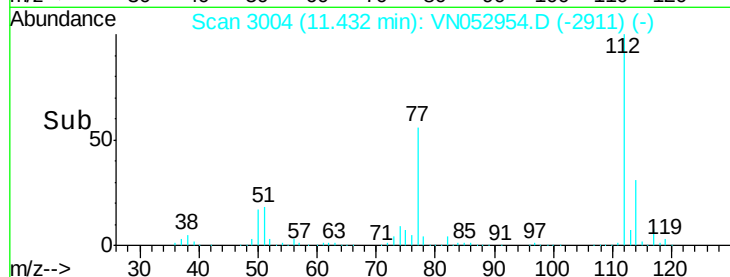
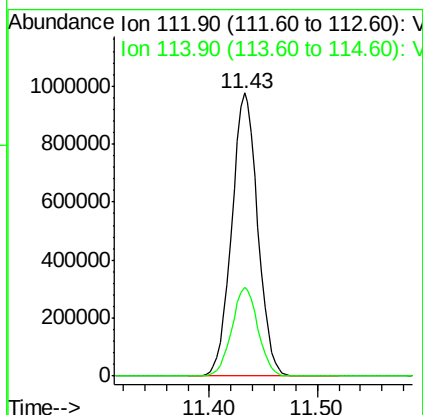
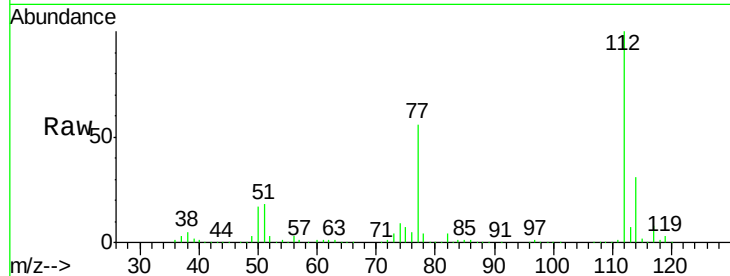




#65
Chlorobenzene
Concen: 49.122 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

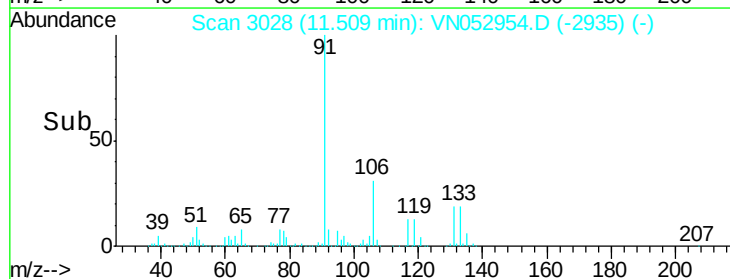
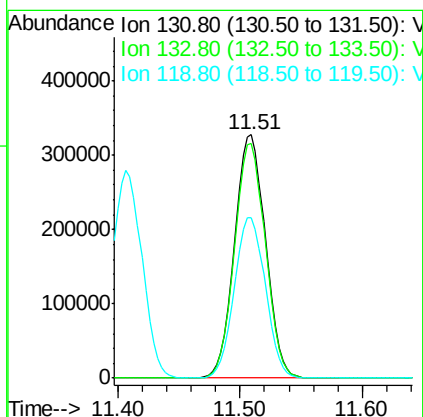
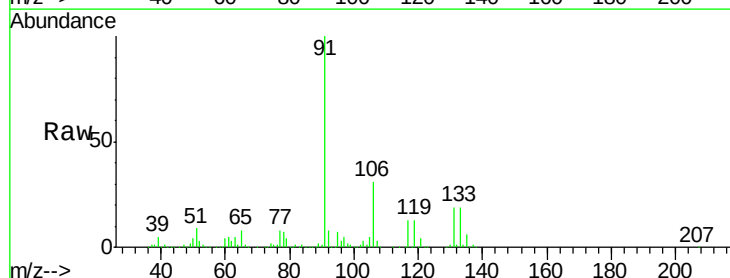
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

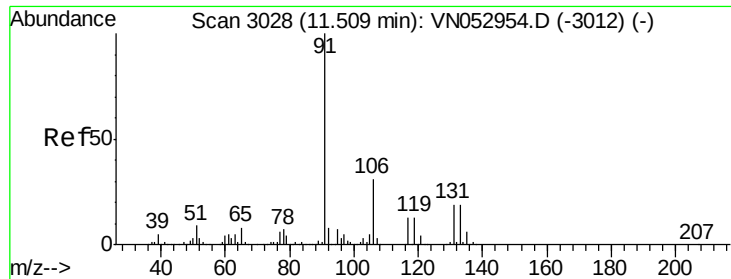
Tgt Ion:112 Resp: 1636870
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.690 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

Tgt Ion:131 Resp: 575795
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.9
119 66.4 33.3 99.8





#67

Ethyl Benzene

Concen: 49.490 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

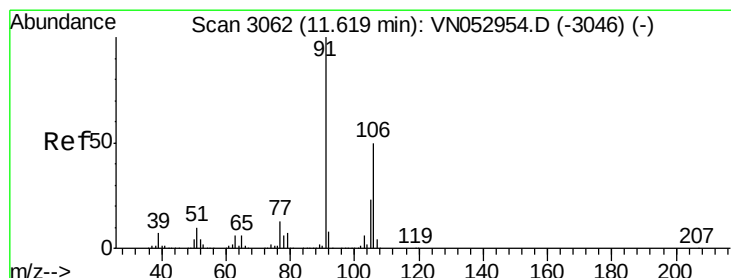
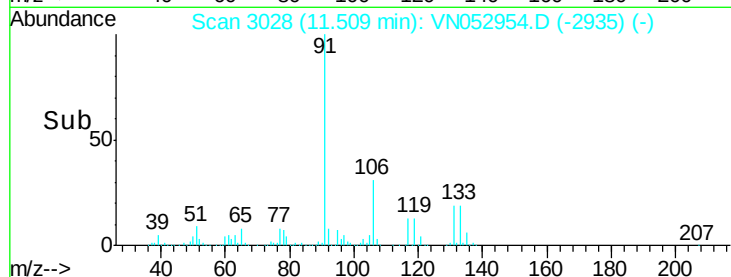
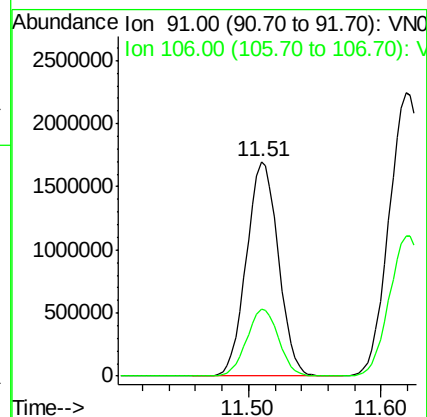
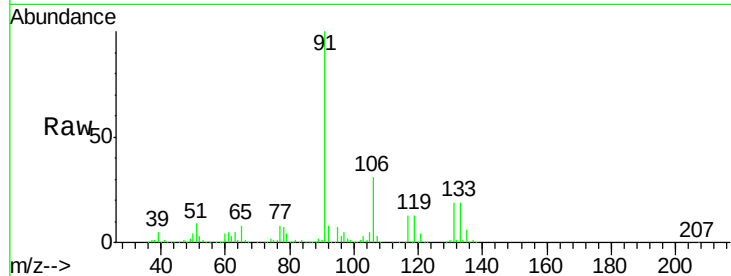
VSTDICCC050

Tgt Ion: 91 Resp: 2836085

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 98.936 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN052954.D

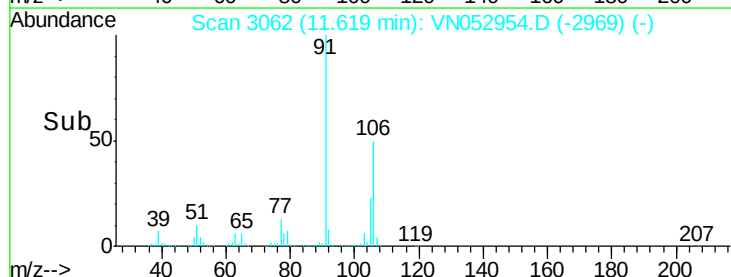
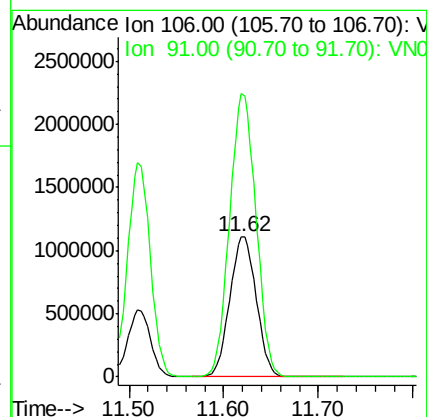
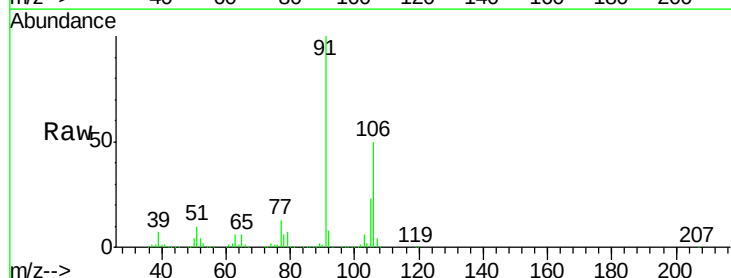
Acq: 18 Dec 2018 11:49

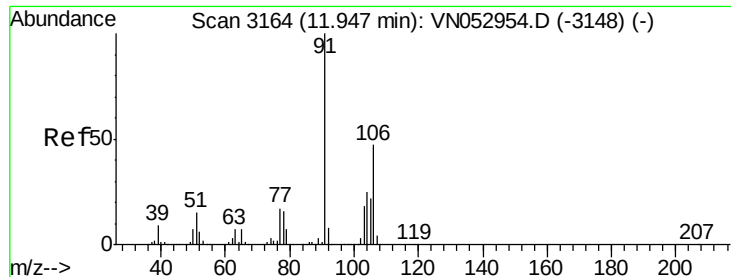
Tgt Ion: 106 Resp: 2155345

Ion Ratio Lower Upper

106 100

91 201.3 162.2 243.4





#69

o-Xylene

Concen: 50.226 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

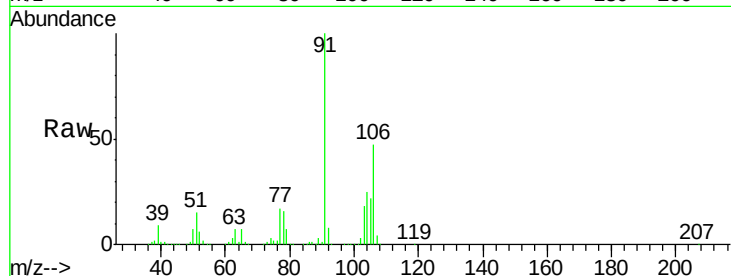
VSTDICCC050

Tgt Ion:106 Resp: 1049956

Ion Ratio Lower Upper

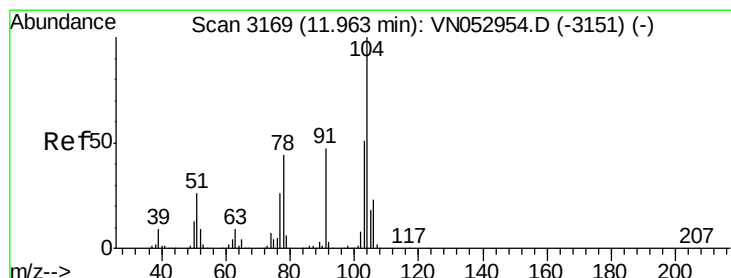
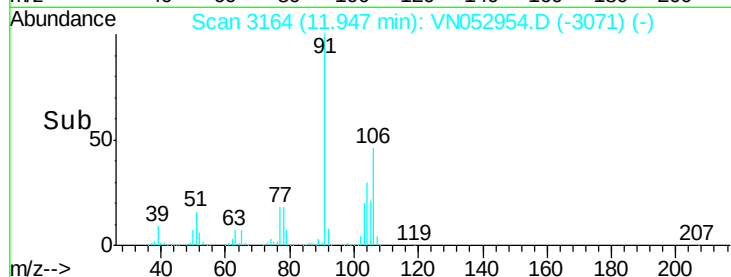
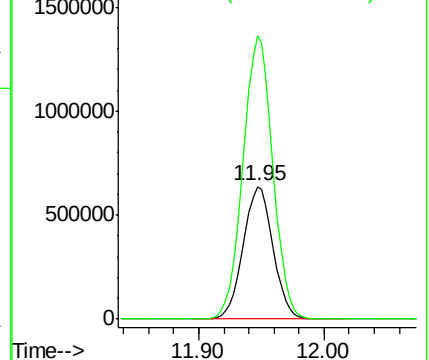
106 100

91 213.3 106.6 319.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 50.644 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

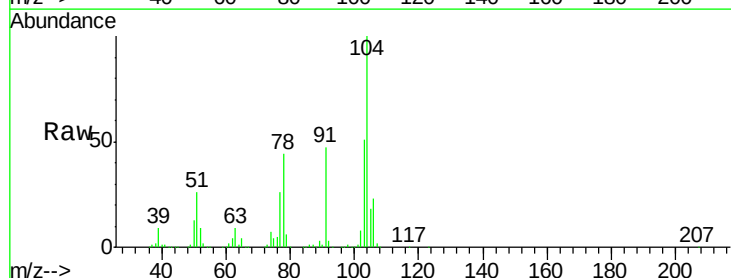
Tgt Ion:104 Resp: 1726309

Ion Ratio Lower Upper

104 100

78 48.1 38.9 58.3

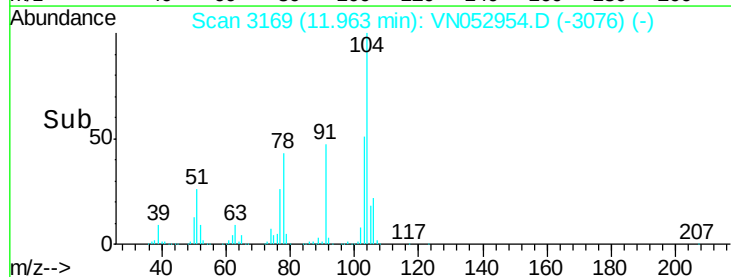
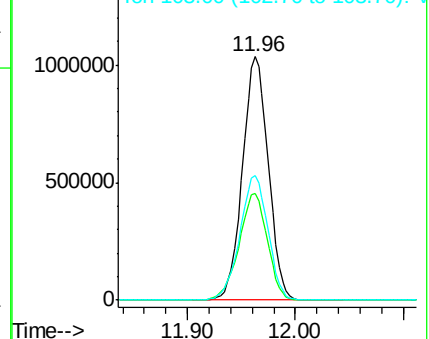
103 55.7 44.3 66.5

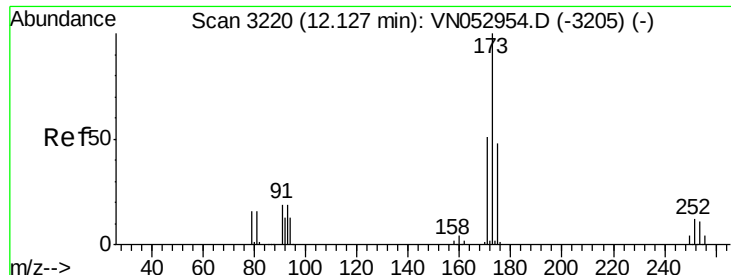


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

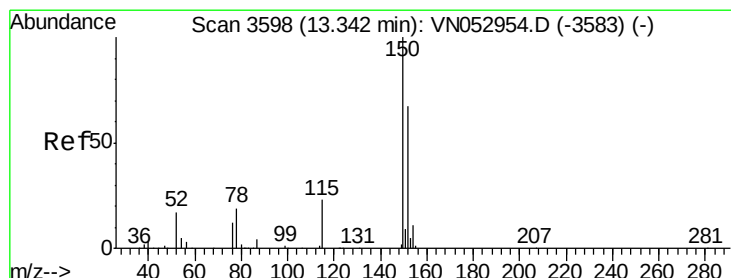
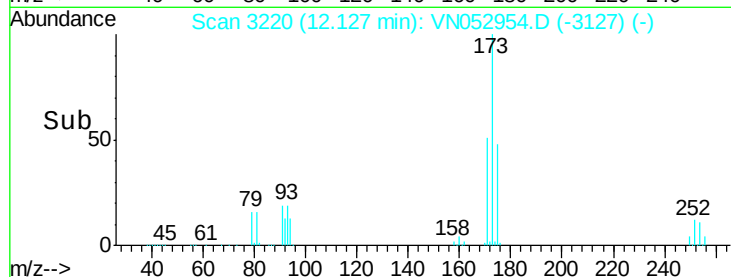
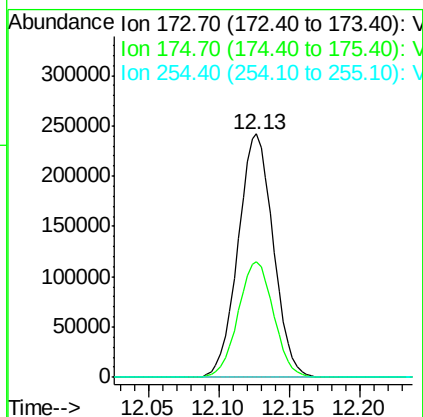
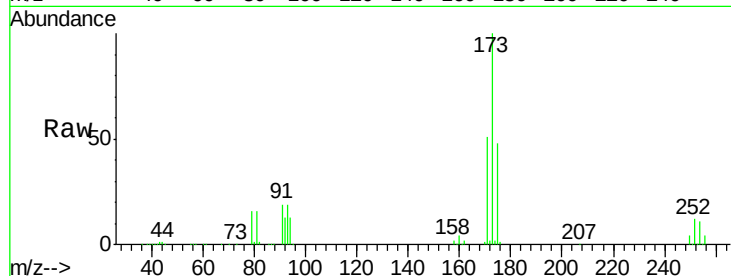




#71
Bromoform
Concen: 50.469 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

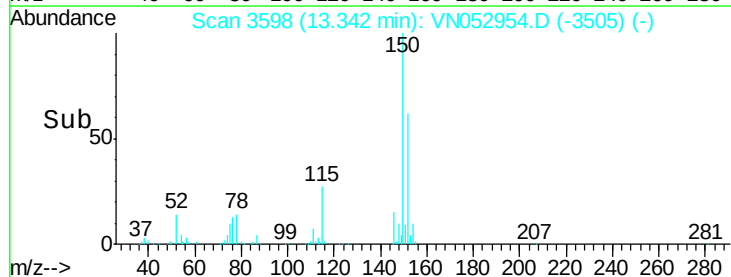
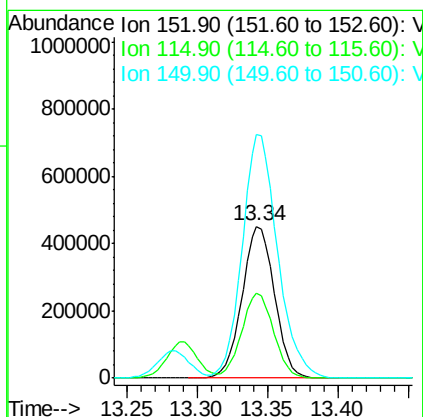
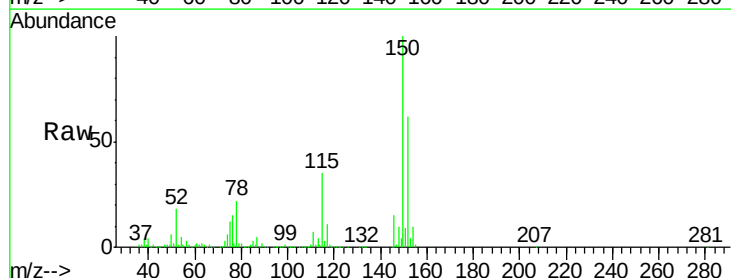
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

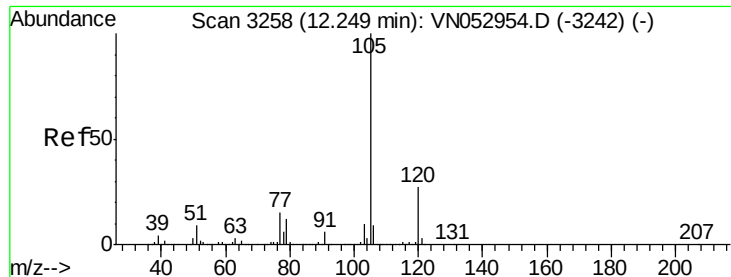
Tgt Ion:173 Resp: 422483
Ion Ratio Lower Upper
173 100
175 47.8 24.3 72.9
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

Tgt Ion:152 Resp: 724897
Ion Ratio Lower Upper
152 100
115 55.4 28.3 85.0
150 175.0 0.0 347.8





#73

Isopropylbenzene

Concen: 48.988 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

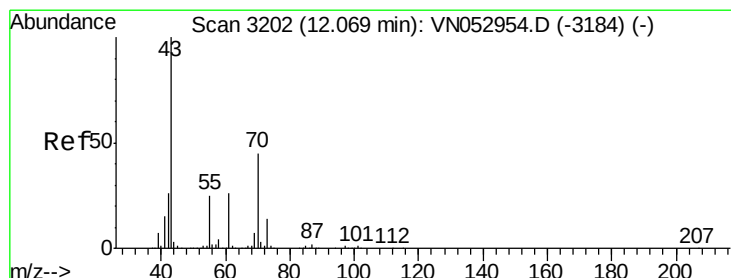
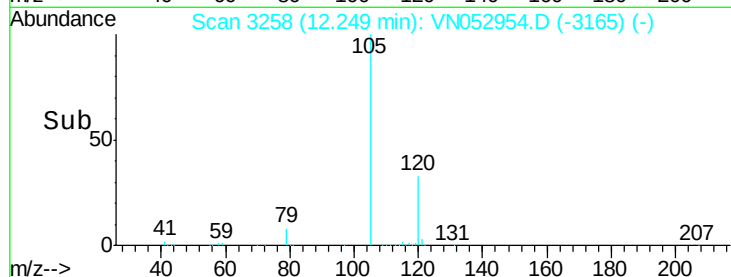
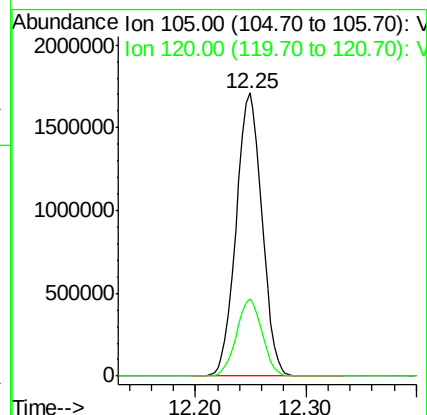
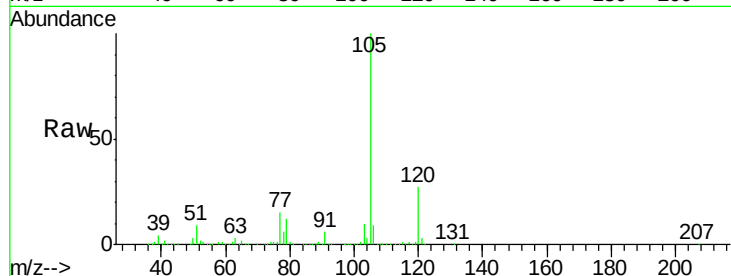
VSTDICCC050

Tgt Ion:105 Resp: 2778448

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 50.360 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Tgt Ion: 43 Resp: 793002

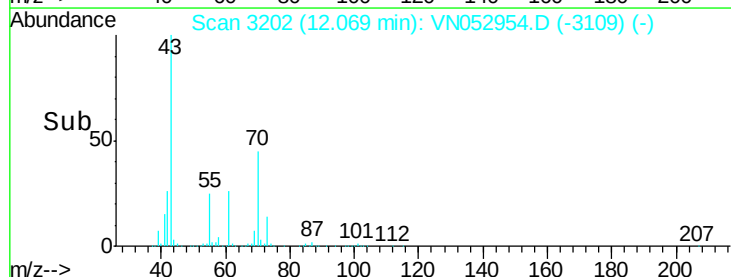
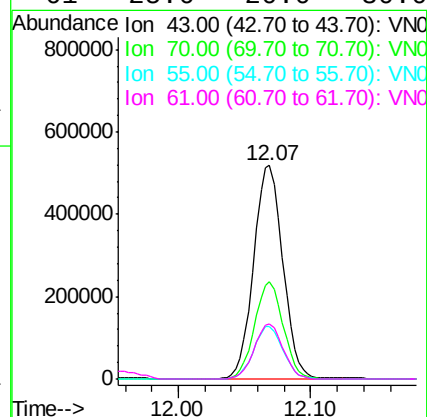
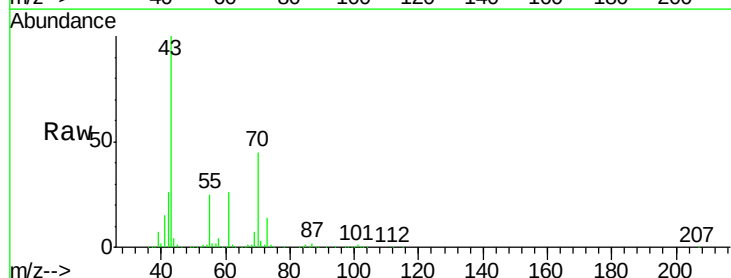
Ion Ratio Lower Upper

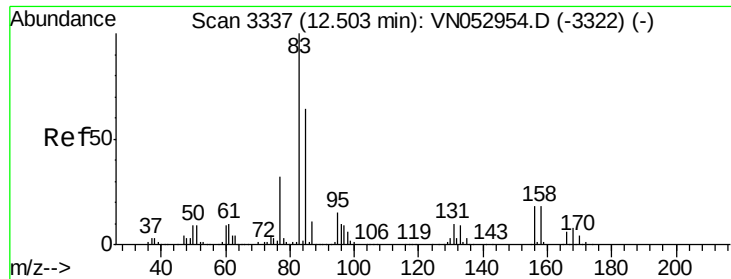
43 100

70 44.8 34.2 51.4

55 25.0 20.3 30.5

61 25.6 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.361 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

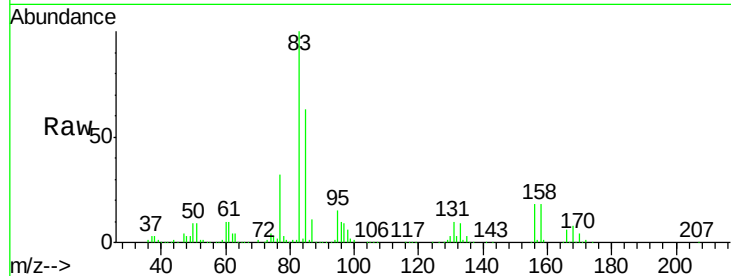
Tgt Ion: 83 Resp: 526986

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

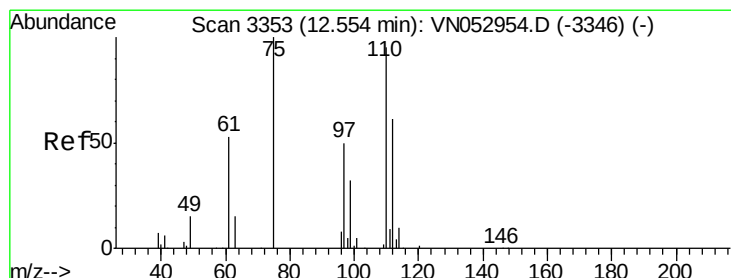
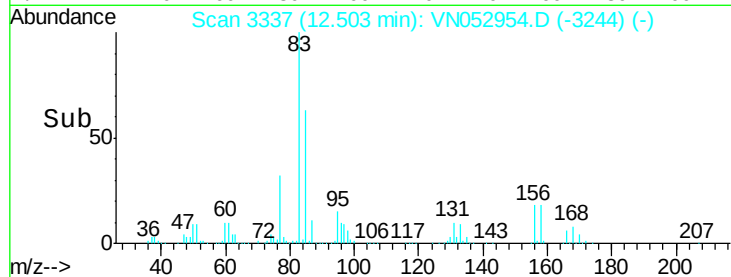
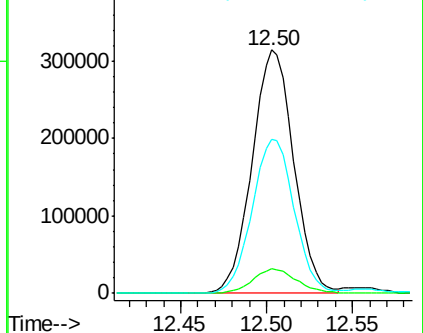
85 64.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 66.931 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052954.D

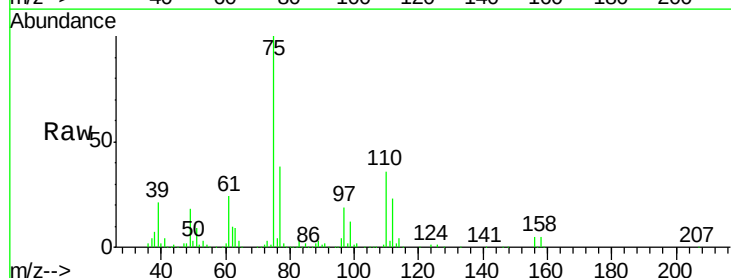
Acq: 18 Dec 2018 11:49

Tgt Ion: 75 Resp: 816753

Ion Ratio Lower Upper

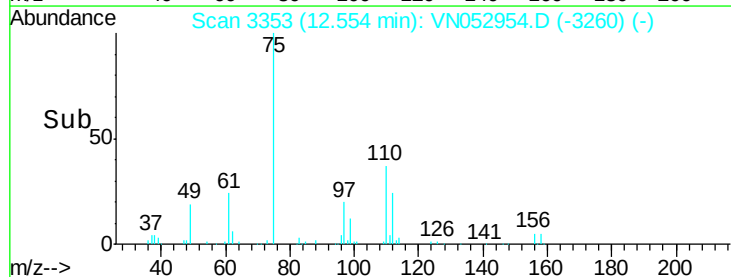
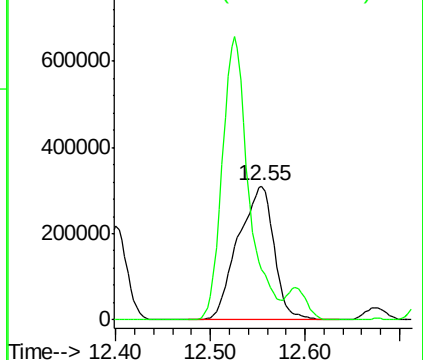
75 100

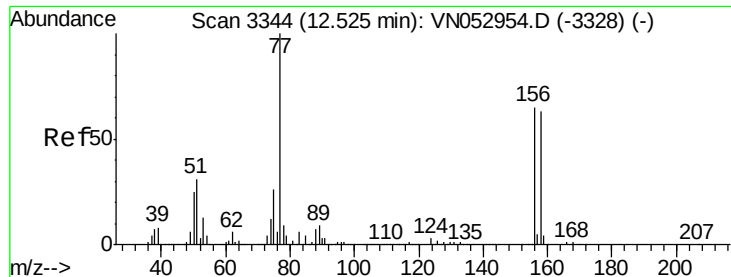
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.816 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

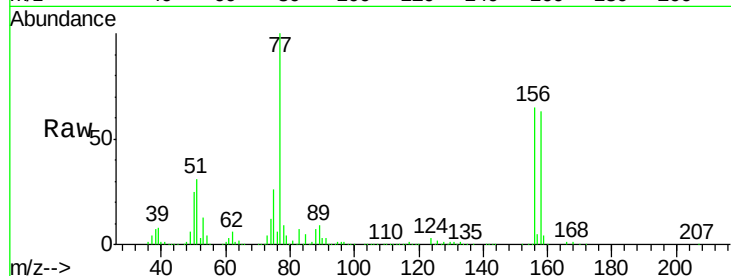
Tgt Ion:156 Resp: 719703

Ion Ratio Lower Upper

156 100

77 177.5 91.3 273.8

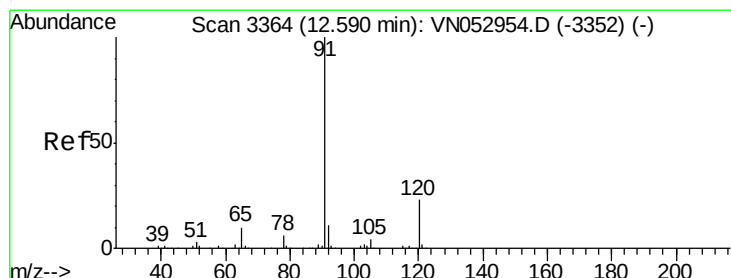
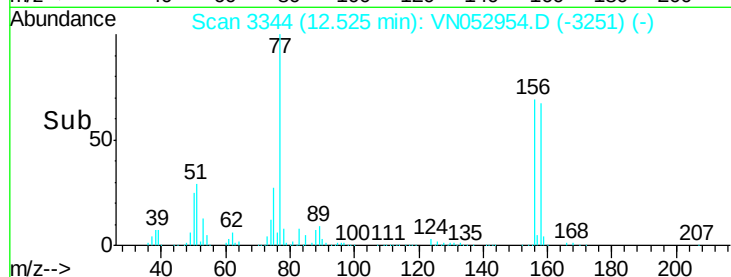
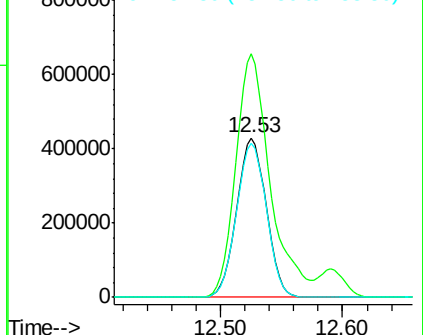
158 97.8 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.125 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052954.D

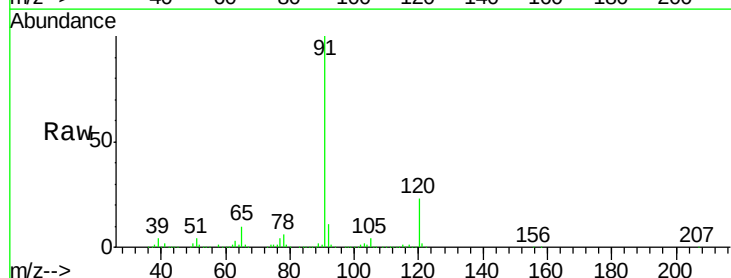
Acq: 18 Dec 2018 11:49

Tgt Ion: 91 Resp: 3173233

Ion Ratio Lower Upper

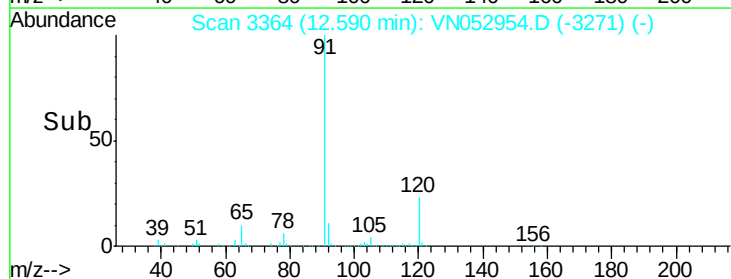
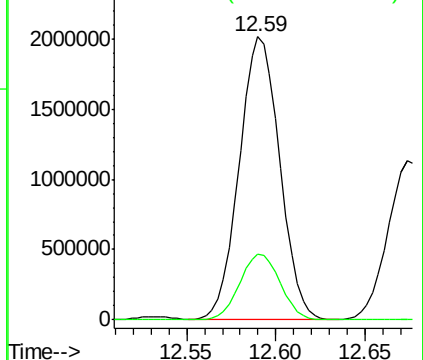
91 100

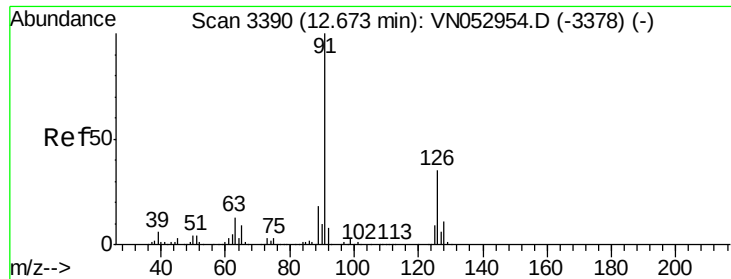
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.663 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

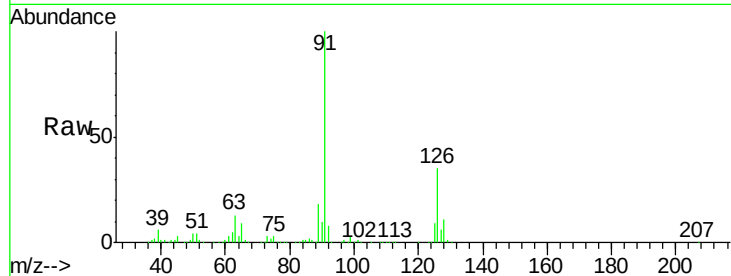
VSTDICCC050

Tgt Ion: 91 Resp: 1868348

Ion Ratio Lower Upper

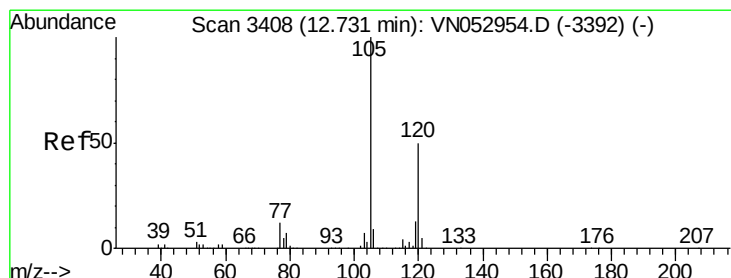
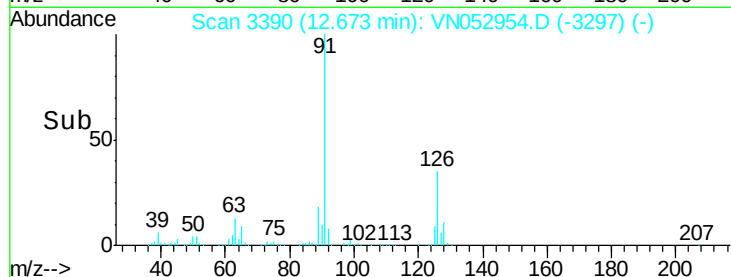
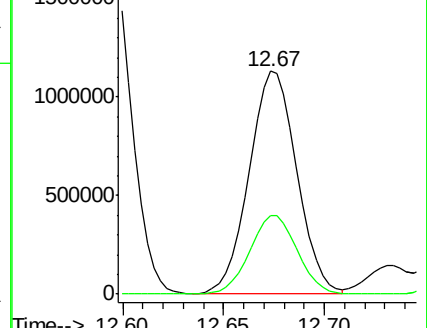
91 100

126 35.3 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN052954.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.749 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN052954.D

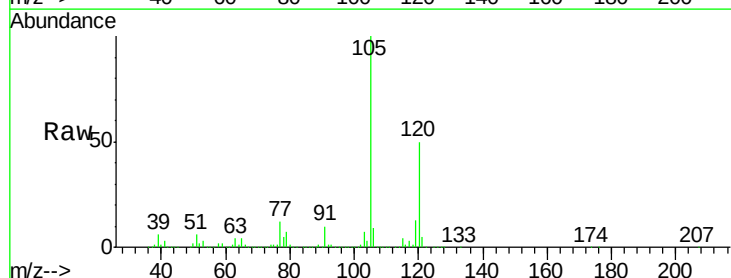
Acq: 18 Dec 2018 11:49

Tgt Ion: 105 Resp: 2253645

Ion Ratio Lower Upper

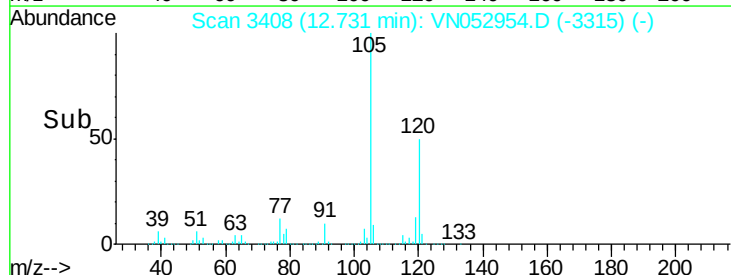
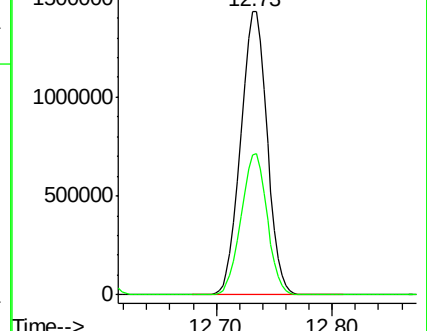
105 100

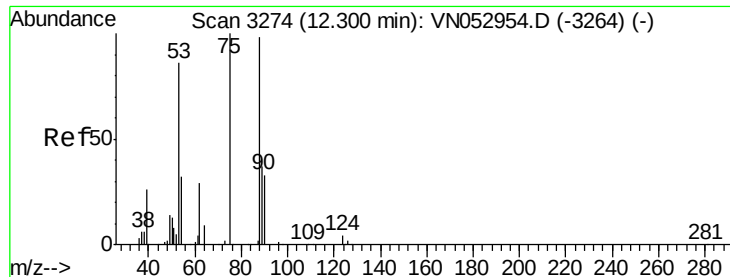
120 49.3 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN052954.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3392) (-)

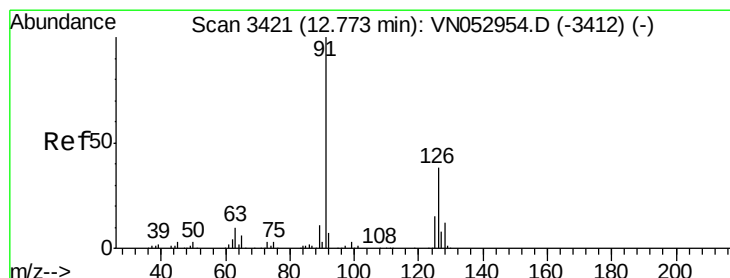
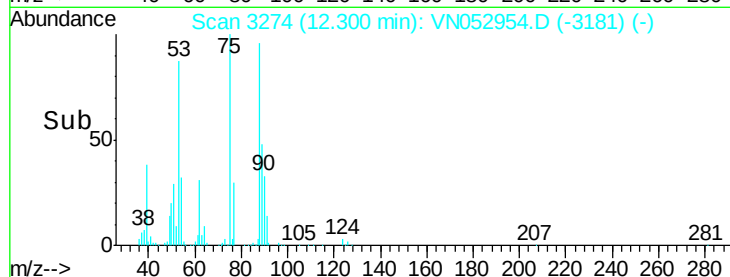
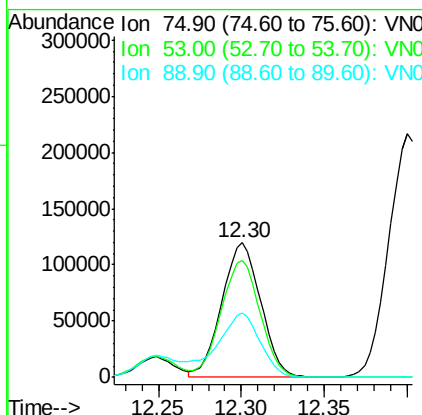
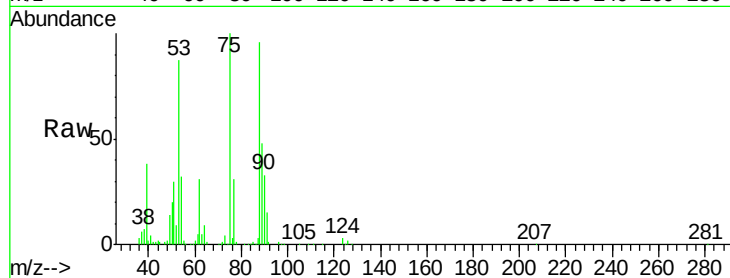




#81
trans-1,4-Dichloro-2-butene
Concen: 51.253 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

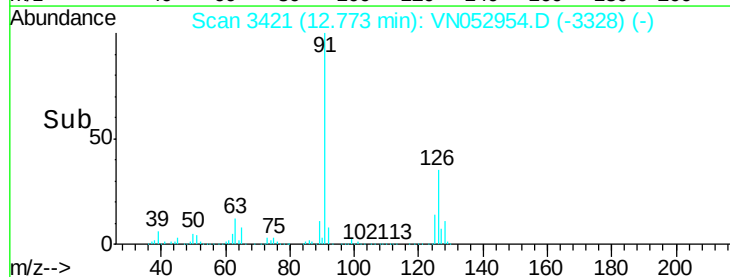
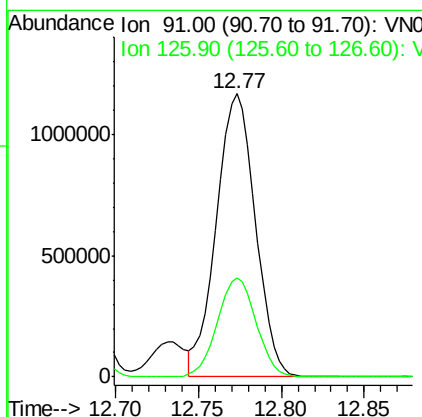
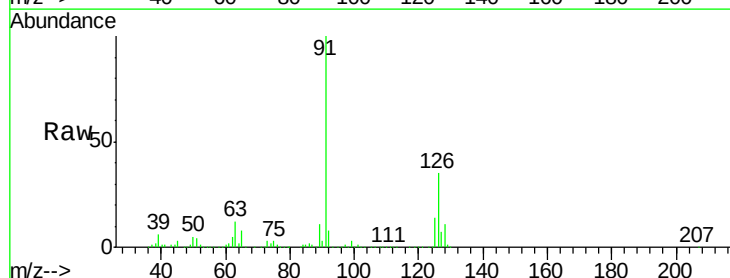
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

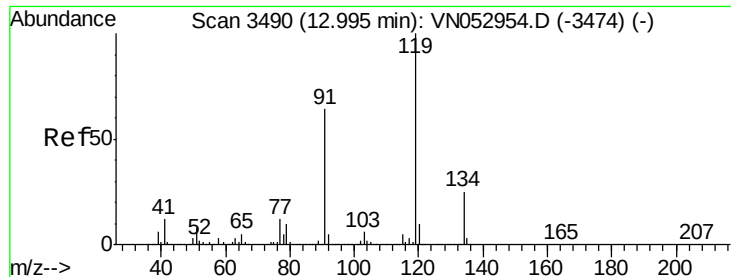
Tgt Ion: 75 Resp: 194048
Ion Ratio Lower Upper
75 100
53 88.5 74.7 112.1
89 49.3 36.1 54.1



#82
4-Chlorotoluene
Concen: 48.644 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

Tgt Ion: 91 Resp: 1906608
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7

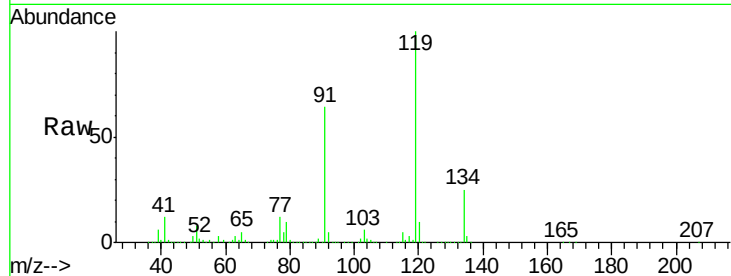




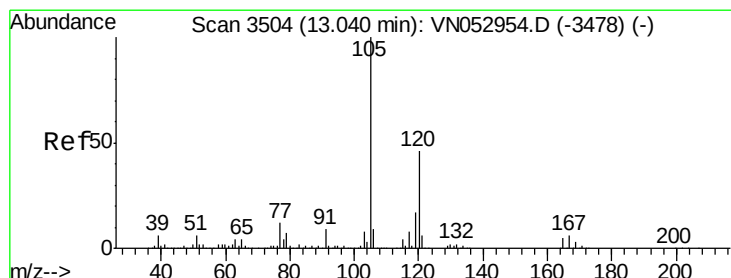
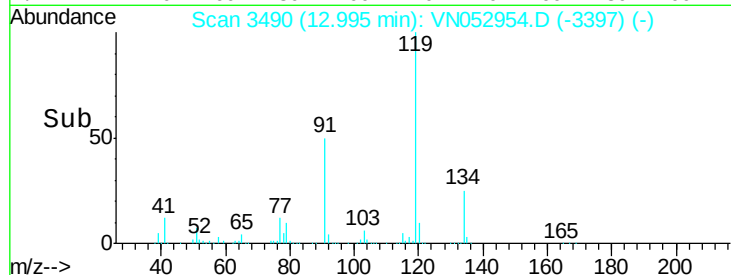
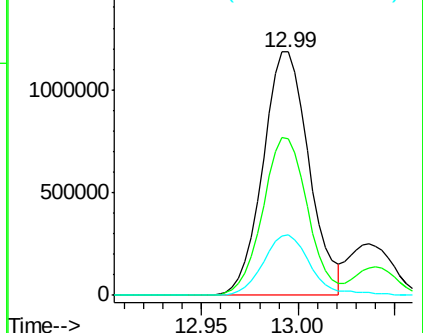
#83
 tert-Butylbenzene
 Concen: 47.986 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:119 Resp: 1961924
 Ion Ratio Lower Upper
 119 100
 91 62.9 31.9 95.5
 134 25.4 12.8 38.4

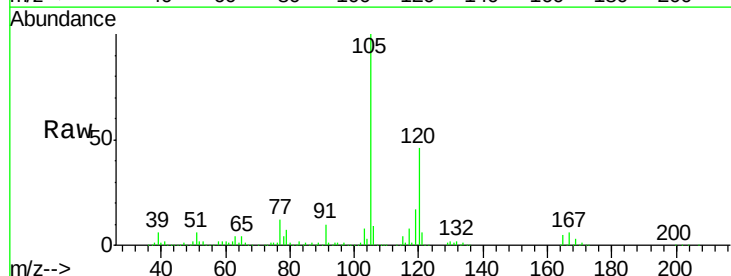


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

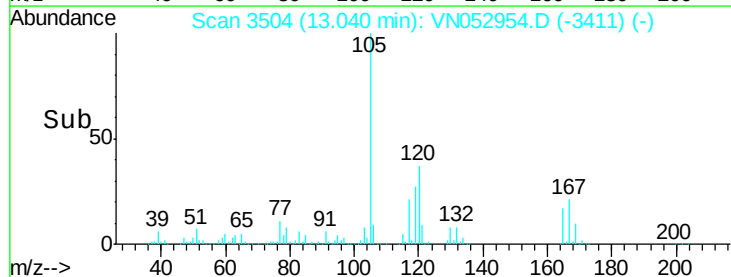
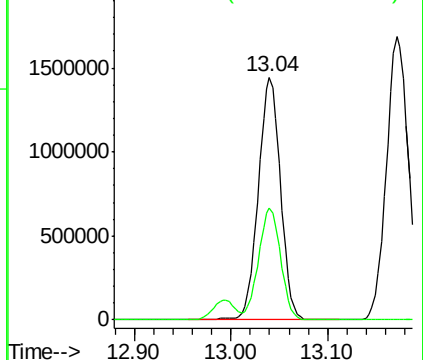


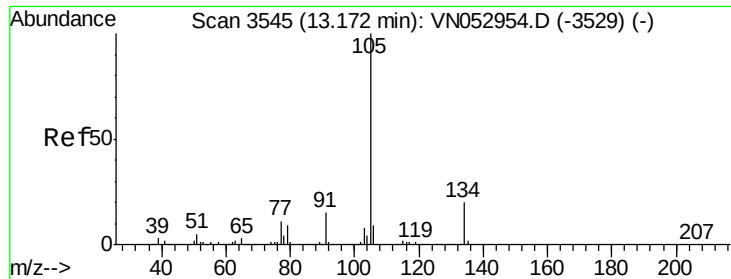
#84
 1,2,4-Trimethylbenzene
 Concen: 49.258 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Tgt Ion:105 Resp: 2289203
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.8



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

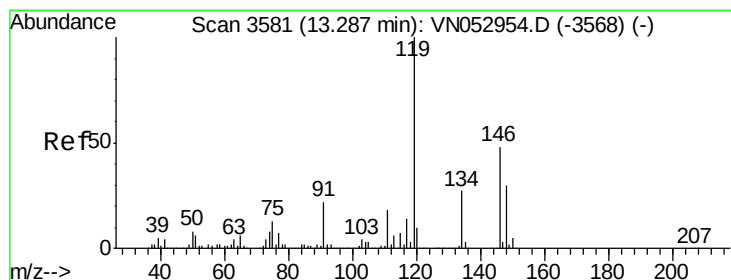
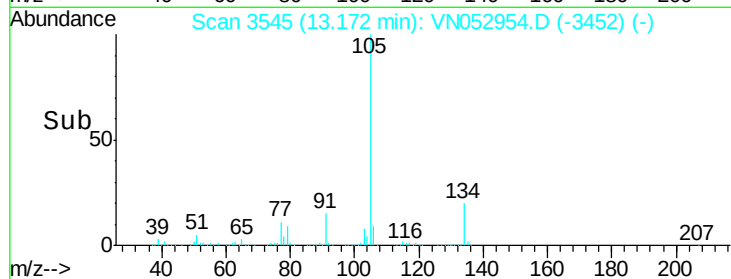
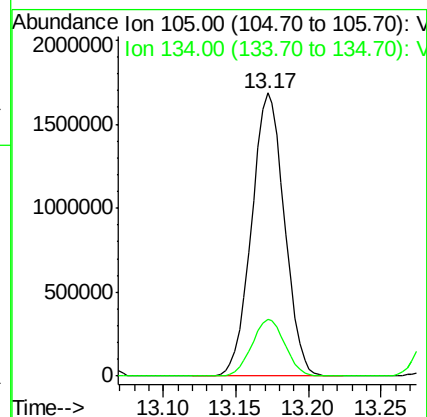
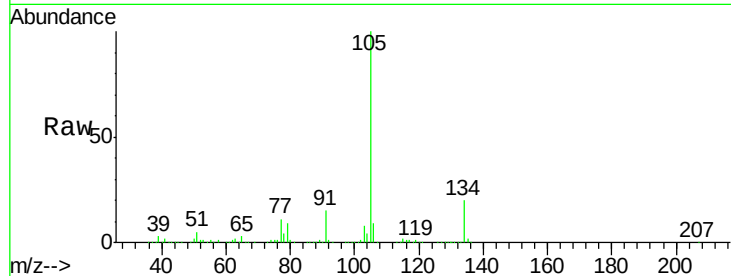




#85
 sec-Butylbenzene
 Concen: 47.998 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

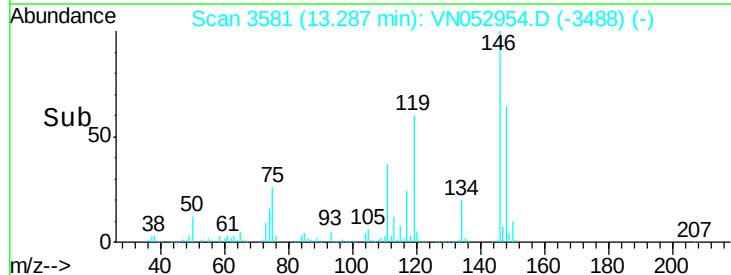
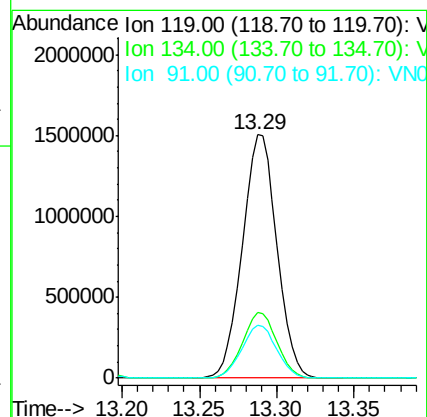
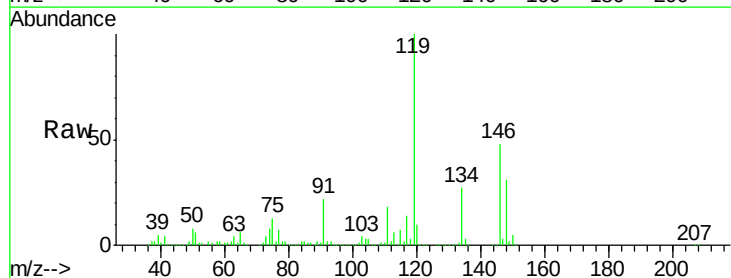
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

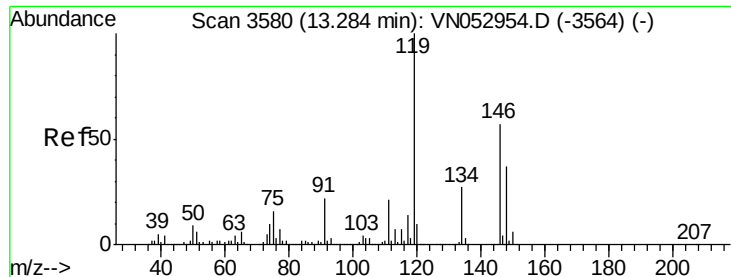
Tgt Ion:105 Resp: 2654338
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 48.713 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Tgt Ion:119 Resp: 2327755
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 21.8 11.1 33.3

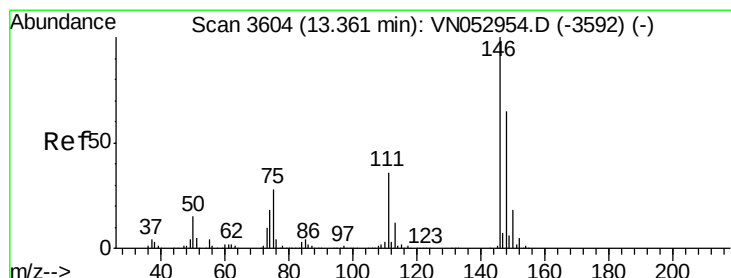
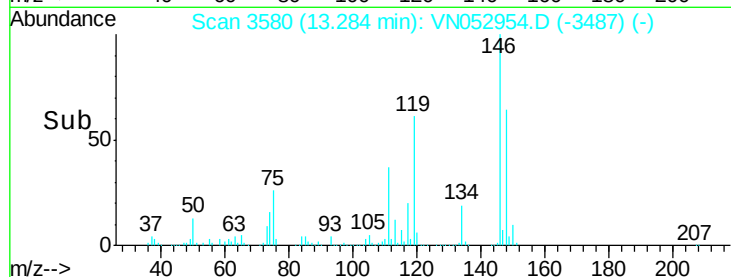
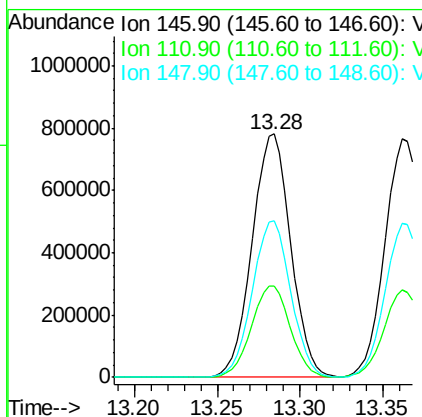
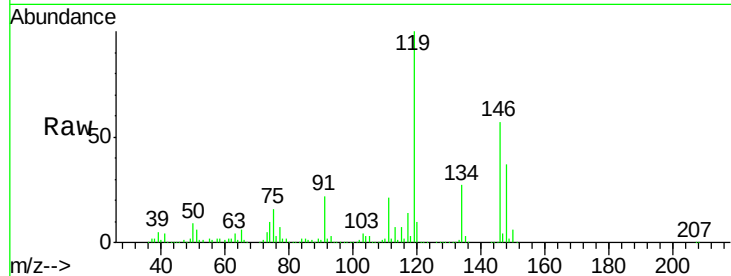




#87
 1,3-Dichlorobenzene
 Concen: 48.709 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

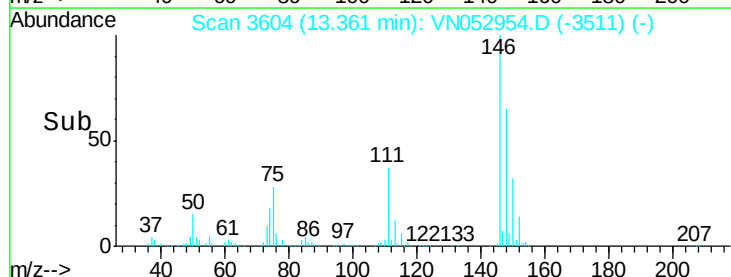
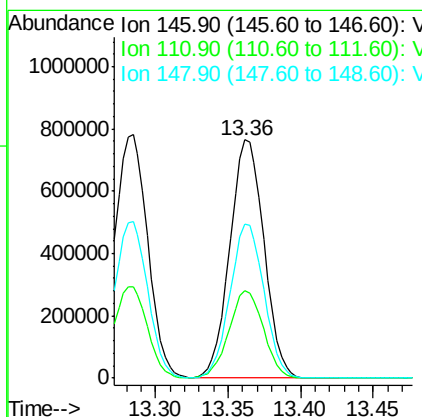
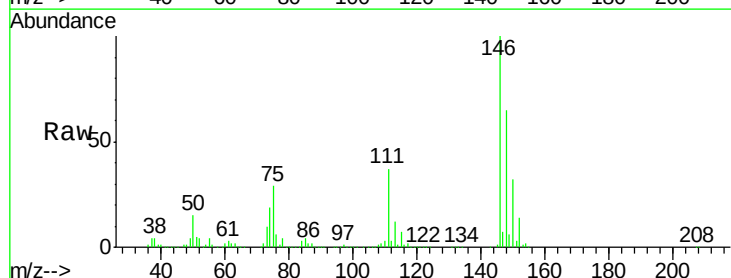
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

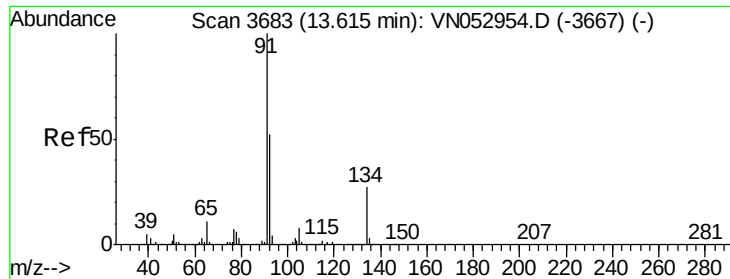
Tgt Ion:146 Resp: 1271007
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.1
 148 64.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 47.268 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Tgt Ion:146 Resp: 1249030
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.8
 148 64.4 32.1 96.5

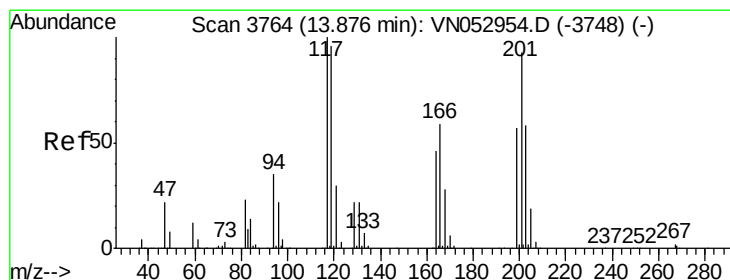
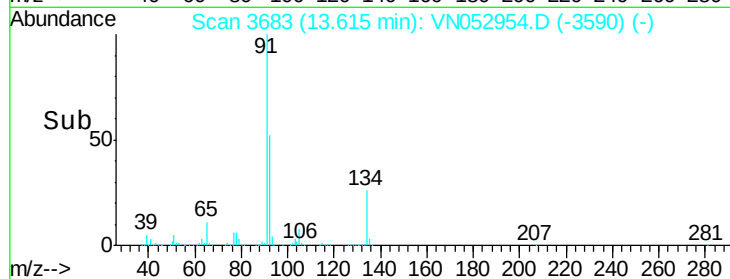
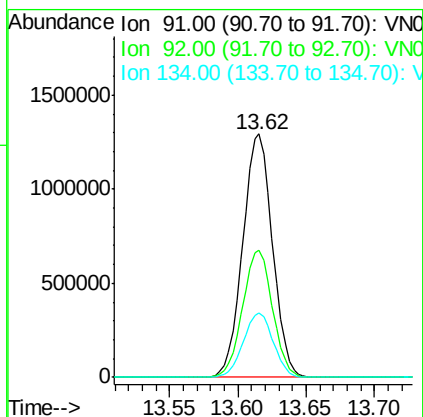
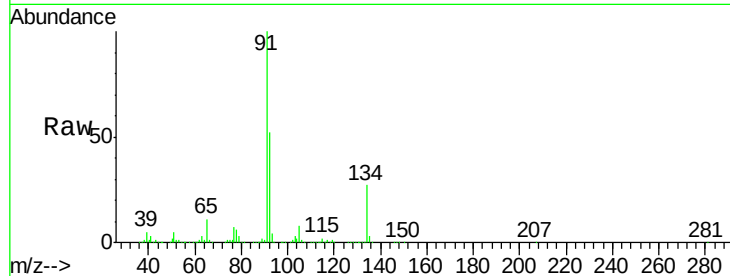




#89
n-Butylbenzene
Concen: 47.512 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

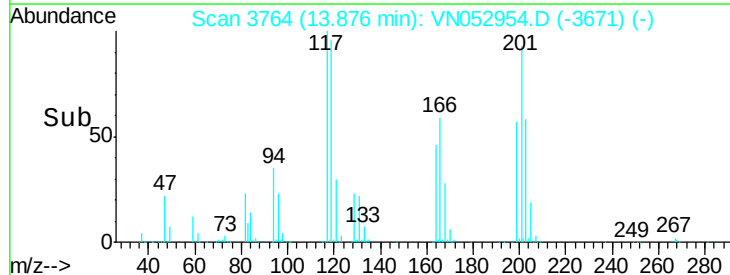
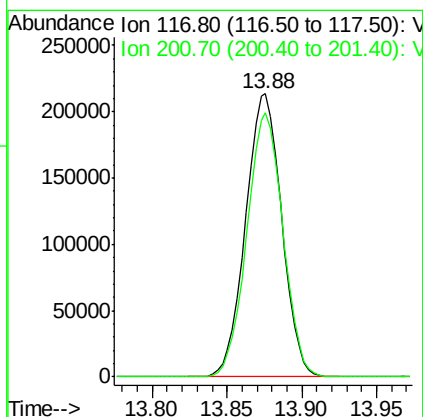
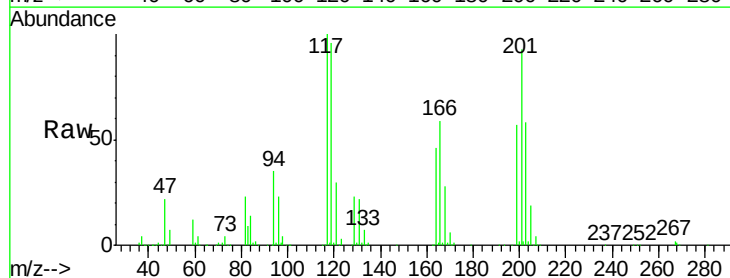
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

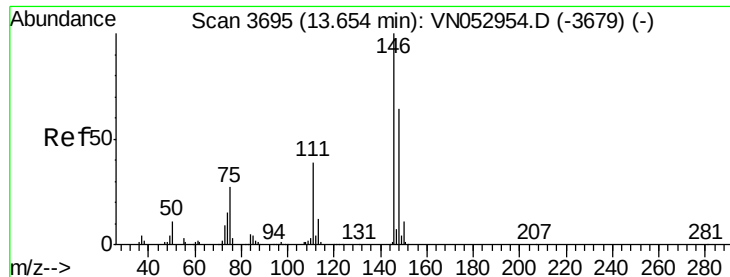
Tgt Ion: 91 Resp: 1953223
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.9
134 26.6 13.3 39.8



#90
Hexachloroethane
Concen: 48.877 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN052954.D
Acq: 18 Dec 2018 11:49

Tgt Ion: 117 Resp: 358415
Ion Ratio Lower Upper
117 100
201 92.9 45.7 137.1

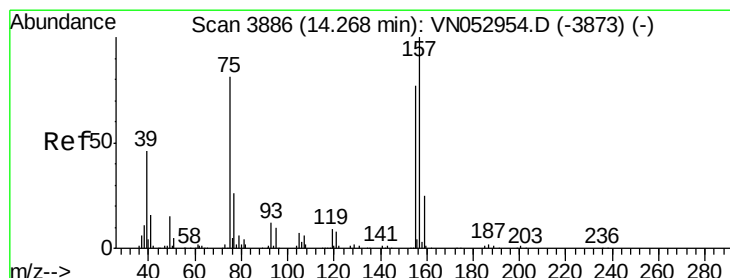
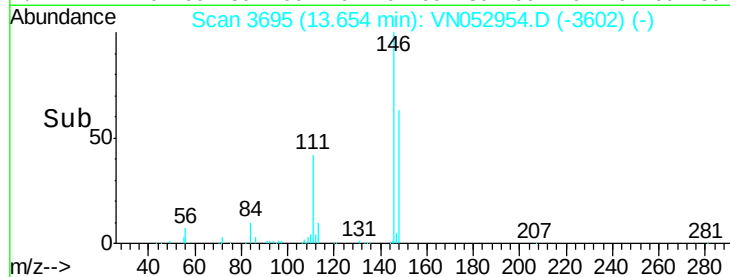
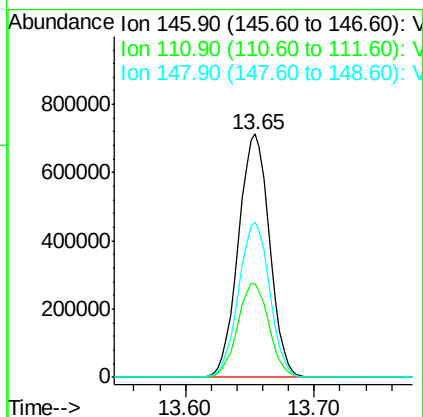
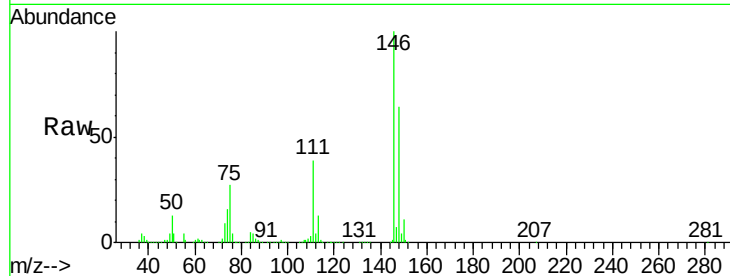




#91
 1,2-Dichlorobenzene
 Concen: 48.812 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

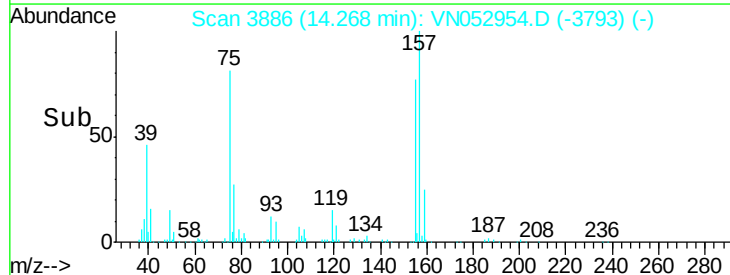
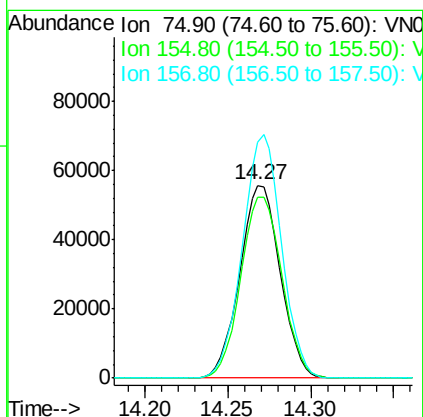
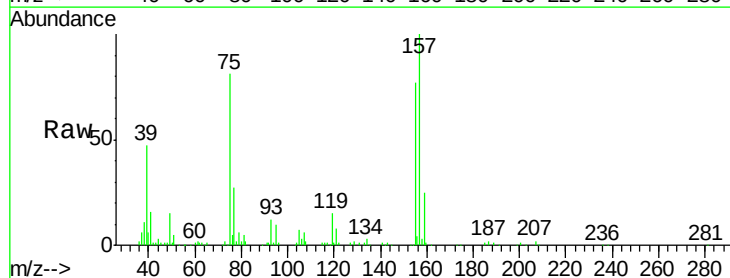
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

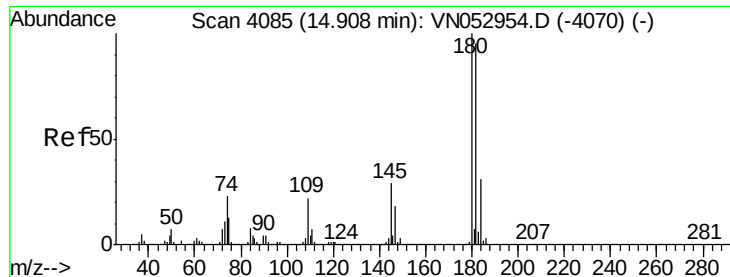
Tgt Ion:146 Resp: 1198732
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.7 59.0
 148 63.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.209 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Tgt Ion: 75 Resp: 94675
 Ion Ratio Lower Upper
 75 100
 155 95.3 48.2 144.6
 157 121.7 61.2 183.5

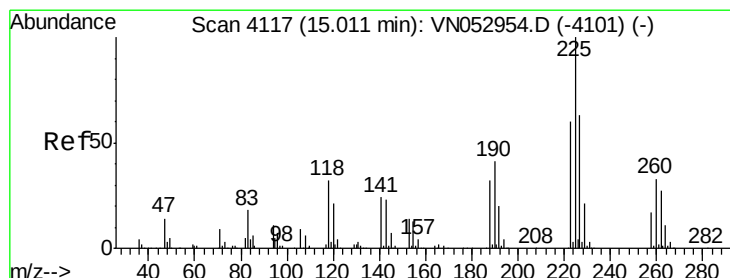
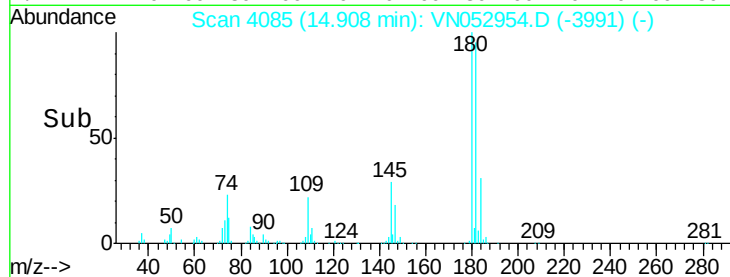
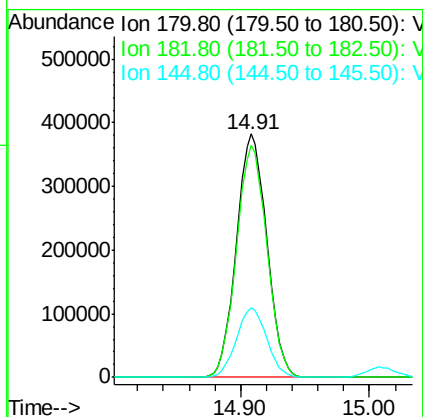
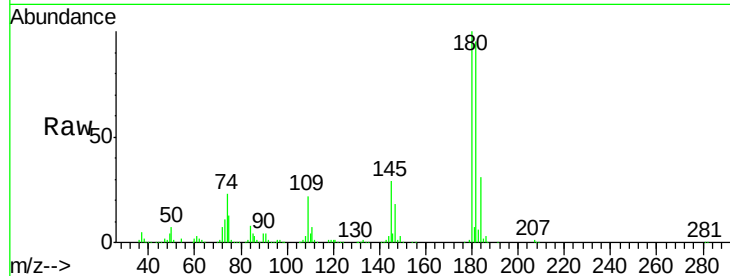




#93
 1,2,4-Trichlorobenzene
 Concen: 48.144 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

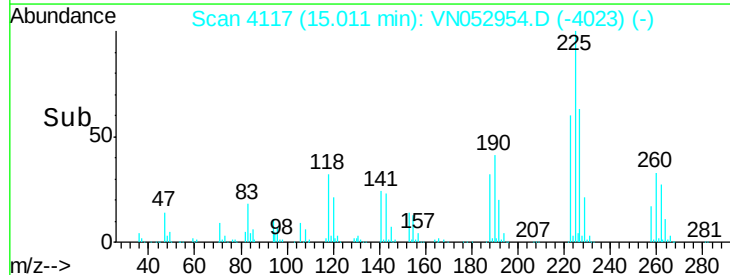
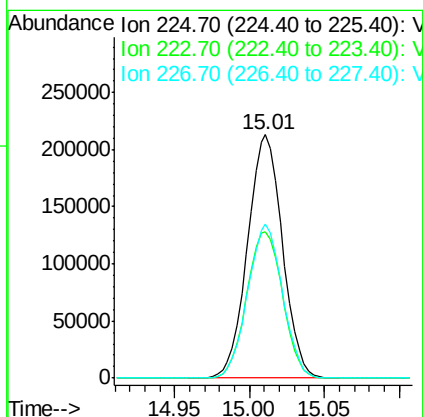
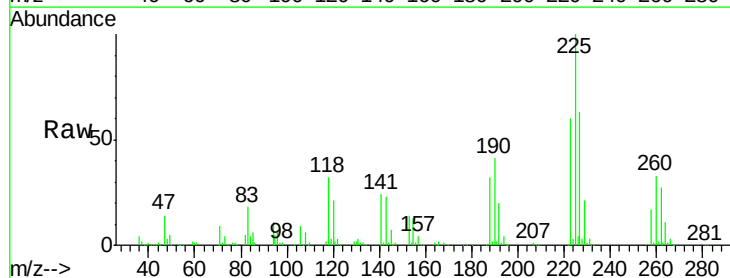
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

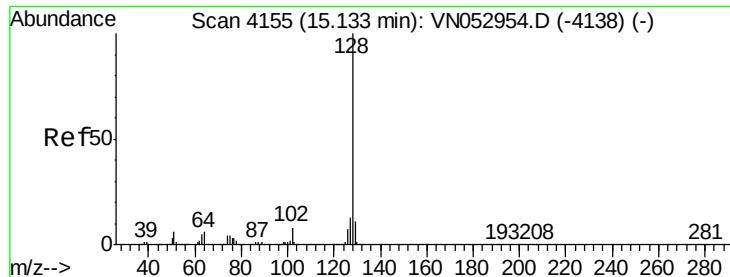
Tgt Ion:180 Resp: 626106
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.3
 145 28.5 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 51.318 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052954.D
 Acq: 18 Dec 2018 11:49

Tgt Ion:225 Resp: 345208
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.5 94.5
 227 63.2 31.9 95.7





#95

Naphthalene

Concen: 48.007 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

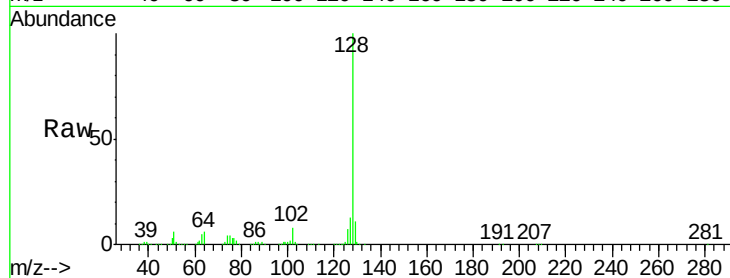
Tgt Ion:128 Resp: 1366915

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

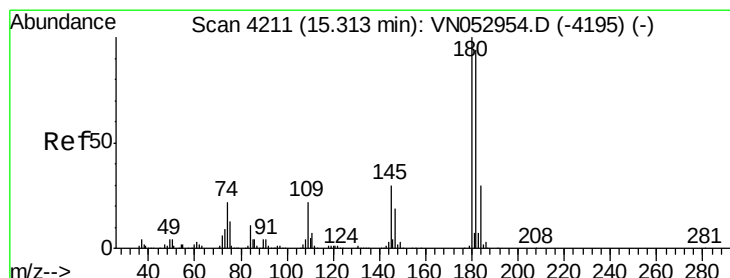
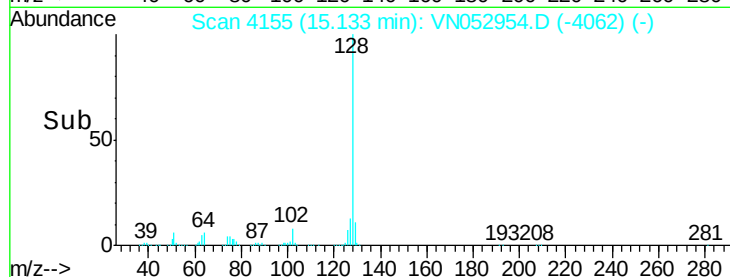
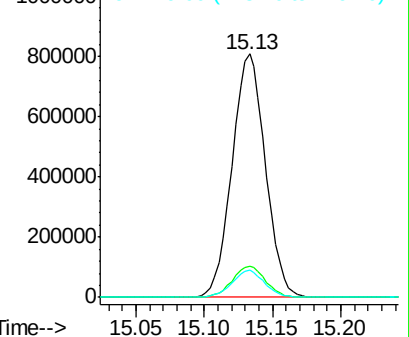
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.189 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN052954.D

Acq: 18 Dec 2018 11:49

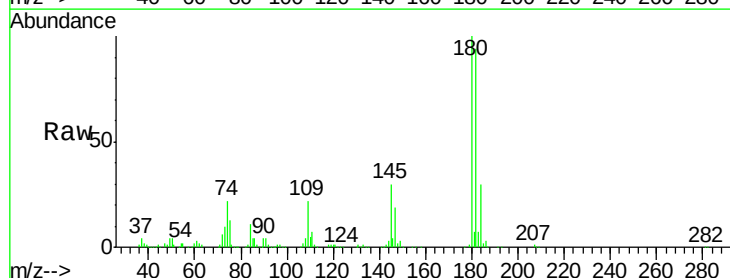
Tgt Ion:180 Resp: 564383

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.7

145 30.0 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

