

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090319\
 Data File : VN057673.D
 Acq On : 3 Sep 2019 19:42
 Operator : JC/SP
 Sample : VN0903WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Quant Time: Sep 04 02:14:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 02:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	58926	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	358654	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	302054	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	189449	30.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.80%
60) 4-Bromofluorobenzene	12.40	95	144254	27.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.17%
63) Toluene-d8	10.09	98	450794	30.99	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.30%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	86285	20.325	ug/l 99
3) Chloromethane	2.05	50	92053	20.561	ug/l 99
4) Vinyl Chloride	2.18	62	73172	19.987	ug/l 97
5) Bromomethane	2.53	94	45530	19.453	ug/l 99
6) Chloroethane	2.68	64	54336	20.325	ug/l 94
7) Trichlorofluoromethane	3.01	101	139032	19.828	ug/l 98
8) Diethyl Ether	3.40	74	47508	20.599	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	72299	19.841	ug/l 97
10) 1,1-Dichloroethene	3.73	96	69045	20.769	ug/l 97
11) Methyl Iodide	3.94	142	91313	19.836	ug/l 96
12) Methyl Acetate	4.31	43	104798	21.114	ug/l 97
13) Acrolein	3.60	56	26058	92.527	ug/l 100
14) Acrylonitrile	4.97	53	178926	99.050	ug/l 99
15) Acetone	3.81	58	44407	87.640	ug/l 97
16) Carbon Disulfide	4.04	76	156787	18.775	ug/l 98
17) Allyl chloride	4.31	41	132770	18.700	ug/l 99
18) Methylene Chloride	4.54	84	83614	20.072	ug/l 98
19) trans-1,2-Dichloroethene	5.03	96	68533	19.489	ug/l 98
20) Diisopropyl ether	5.93	45	304594	19.909	ug/l 99
21) 1,1-Dichloroethane	5.83	63	158677	20.122	ug/l 99
22) cis-1,2-Dichloroethene	6.81	96	86150	20.057	ug/l 99
23) tert-Butyl Alcohol	4.75	59	35343	53.808	ug/l # 100
24) Methyl tert-Butyl Ether	5.03	73	267036	20.216	ug/l 99
25) Chloroform	7.36	83	161051	19.702	ug/l 98
26) Cyclohexane	7.64	56	132573	19.743	ug/l # 96
29) 1,1-Dichloropropene	7.78	75	113709	19.854	ug/l 97
30) 2-Butanone	6.82	43	260776	96.388	ug/l # 98
31) 2,2-Dichloropropane	6.81	77	125466	17.701	ug/l 97
32) 1,1,1-Trichloroethane	7.56	97	140616	19.832	ug/l 97
33) Carbon Tetrachloride	7.76	117	112075	19.464	ug/l 99
34) Benzene	8.03	78	329931	20.055	ug/l 96
35) Methacrylonitrile	7.16	41	56565	22.823	ug/l 96
36) 1,2-Dichloroethane	8.11	62	144978	19.775	ug/l # 100
37) Trichloroethene	8.83	130	78793	20.170	ug/l 96
38) Methylcyclohexane	9.07	83	122471	19.271	ug/l 98
39) 1,2-Dichloropropane	9.11	63	89789	19.959	ug/l 91
40) Dibromomethane	9.20	93	58003	19.890	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	119858	19.016	ug/l	93
42) Vinyl Acetate	5.88	43	1238599	104.160	ug/l	100
43) Ethyl Acetate	6.91	43	114420	20.538	ug/l #	84
44) Isopropyl Acetate	8.15	43	204238	19.609	ug/l	98
45) 1,4-Dioxane	9.19	88	27634	413.306	ug/l #	93
46) Methyl methacrylate	9.19	41	98765	19.542	ug/l	98
47) n-amyl Acetate	12.07	43	146216	18.102	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	120535	18.231	ug/l	96
49) cis-1,3-Dichloropropene	9.83	75	133818	18.971	ug/l	95
50) 1,1,2-Trichloroethane	10.56	97	78752	20.023	ug/l	97
51) Ethyl methacrylate	10.43	69	120709	18.827	ug/l	97
52) 1,3-Dichloropropane	10.71	76	138582	19.796	ug/l	99
53) Dibromochloromethane	10.90	129	75954	18.503	ug/l	100
54) 1,2-Dibromoethane	11.00	107	76264	19.398	ug/l	98
55) 2-Chloroethyl vinyl ether	9.69	63	184502	91.077	ug/l	99
56) Bromoform	12.13	173	41821	16.430	ug/l	99
58) 4-Methyl-2-Pentanone	9.98	43	582767	109.172	ug/l	98
59) 2-Hexanone	10.75	43	380421	100.709	ug/l	99
61) Tetrachloroethene	10.63	164	72739	20.972	ug/l	98
62) Toluene	10.15	91	354427	20.899	ug/l	99
64) Chlorobenzene	11.43	112	196292	19.711	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	73301	20.092	ug/l	97
66) Ethyl Benzene	11.51	91	389062	20.524	ug/l	98
67) m/p-Xylenes	11.62	106	262838	39.533	ug/l	100
68) o-Xylene	11.95	106	130494	19.712	ug/l	96
69) Styrene	11.96	104	197107	18.576	ug/l	99
70) Isopropylbenzene	12.25	105	368061	20.269	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	94430	19.765	ug/l	97
72) 1,2,3-Trichloropropane	12.55	75	125043	27.829	ug/l	60
73) Bromobenzene	12.53	156	74433	19.343	ug/l	95
74) n-propylbenzene	12.59	91	392106	19.507	ug/l	99
75) 2-Chlorotoluene	12.68	91	239515	19.033	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	305335	20.255	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	23921	17.440	ug/l	93
78) 4-Chlorotoluene	12.77	91	218096	18.241	ug/l	99
79) tert-butylbenzene	12.99	119	262570	20.281	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	281727	19.891	ug/l	97
81) sec-Butylbenzene	13.17	105	324613	19.457	ug/l	99
82) p-Isopropyltoluene	13.29	119	271451	19.156	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	101805	17.666	ug/l	98
84) 1,4-Dichlorobenzene	13.37	146	94190	17.313	ug/l	99
85) n-Butylbenzene	13.62	91	242647	19.481	ug/l	99
86) Hexachloroethane	13.88	117	46793	18.248	ug/l	96
87) 1,2-Dichlorobenzene	13.66	146	93581	17.601	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	11146	15.913	ug/l	93
89) 1,2,4-Trichlorobenzene	14.91	180	22274	12.091	ug/l	95
90) Hexachlorobutadiene	15.01	225	38481	18.833	ug/l	97
91) Naphthalene	15.13	128	56137	11.733	ug/l	98
92) 1,2,3-Trichlorobenzene	15.30	180	20310	11.346	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 04 02:08:50 2019
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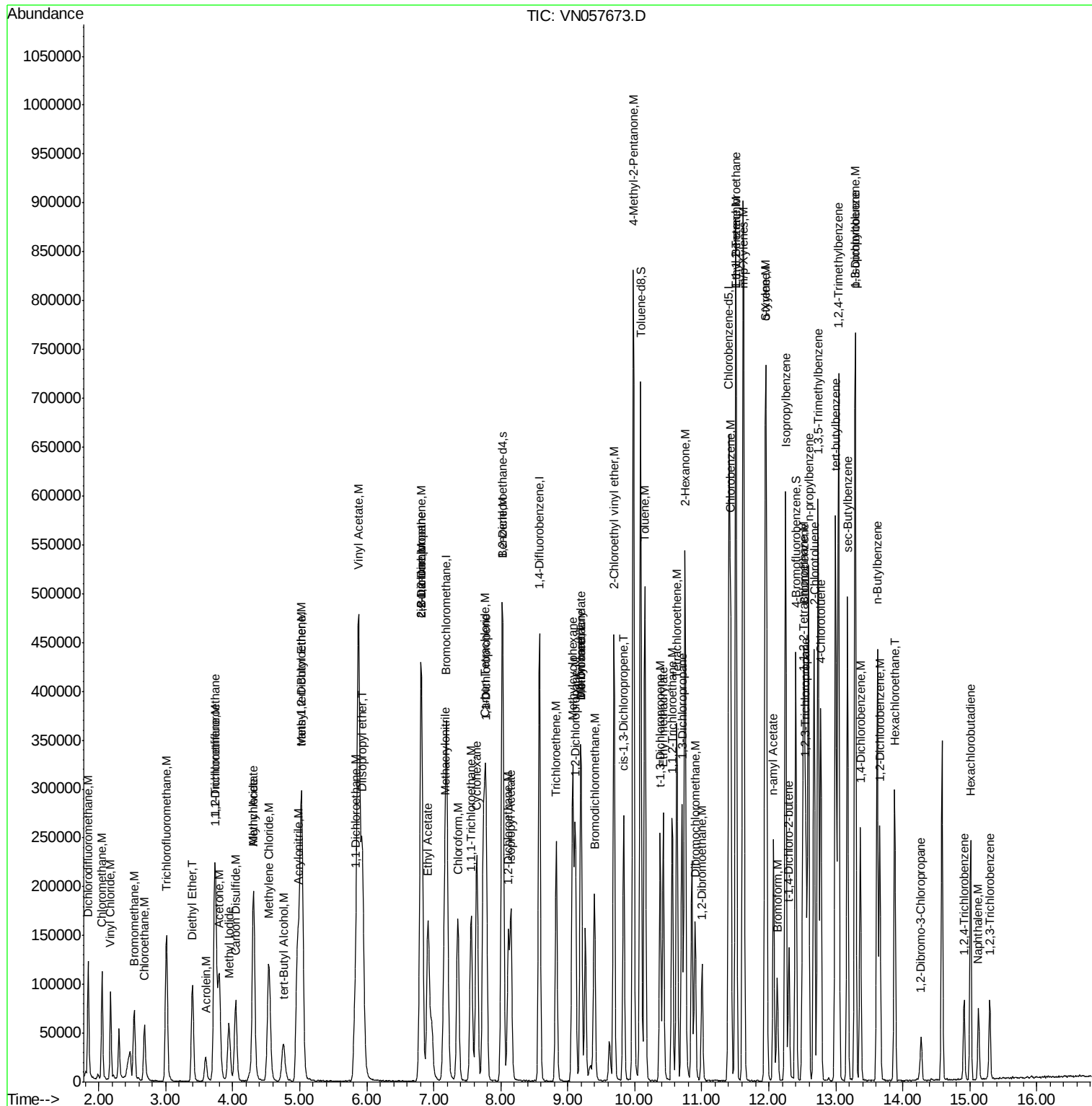
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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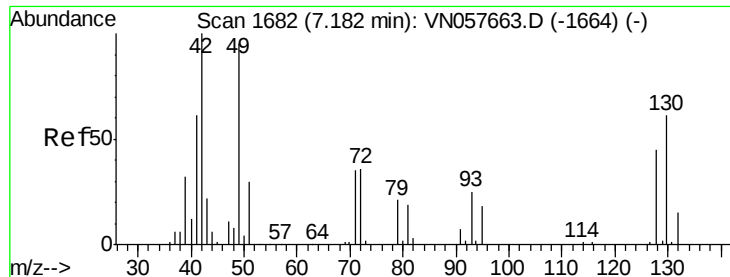
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 04 02:14:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBSD01

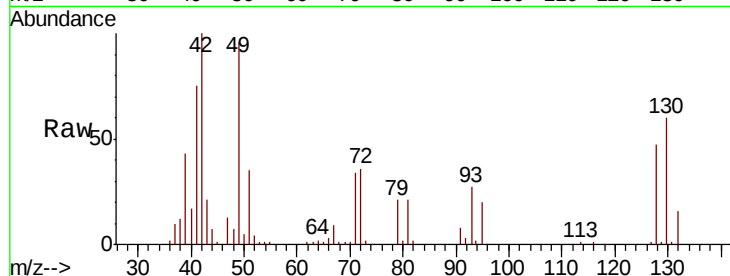
Tgt Ion:128 Resp: 58926

Ion Ratio Lower Upper

128 100

49 209.1 0.0 544.5

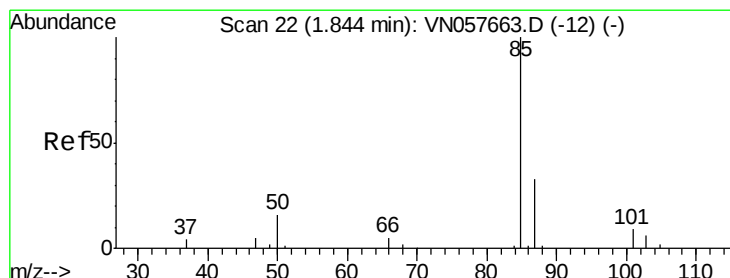
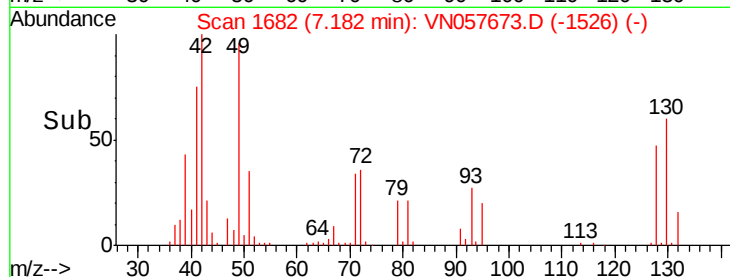
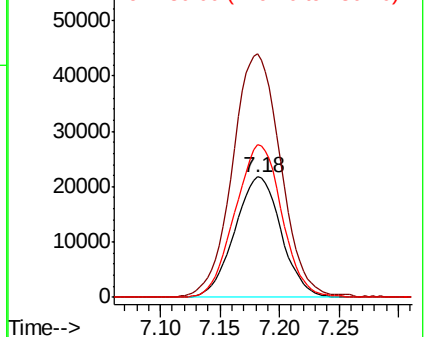
130 127.8 0.0 324.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.325 ug/l

RT: 1.84 min Scan# 22

Delta R.T. 0.00 min

Lab File: VN057673.D

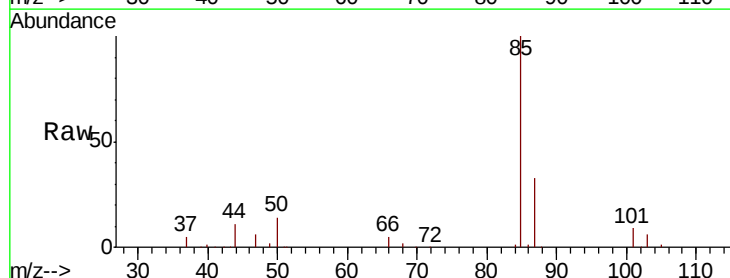
Acq: 3 Sep 2019 19:42

Tgt Ion: 85 Resp: 86285

Ion Ratio Lower Upper

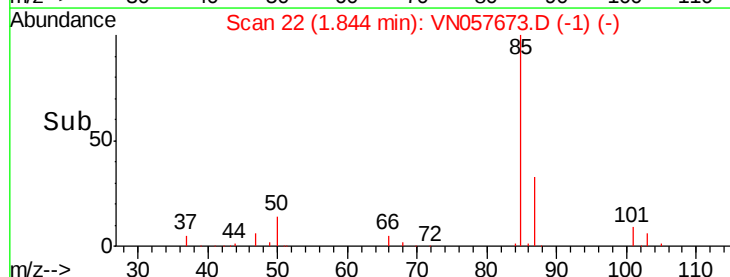
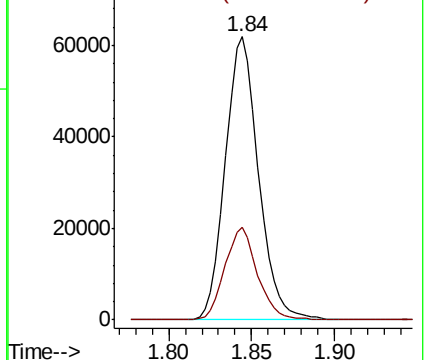
85 100

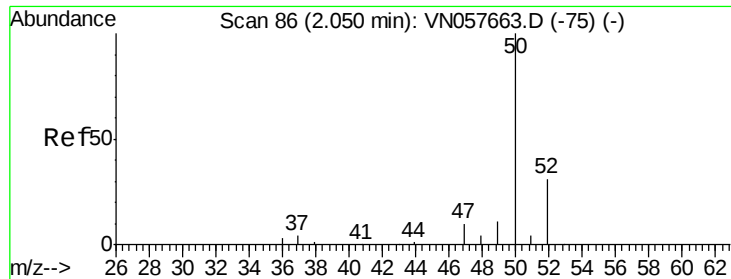
87 32.6 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 20.561 ug/l

RT: 2.05 min Scan# 86

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

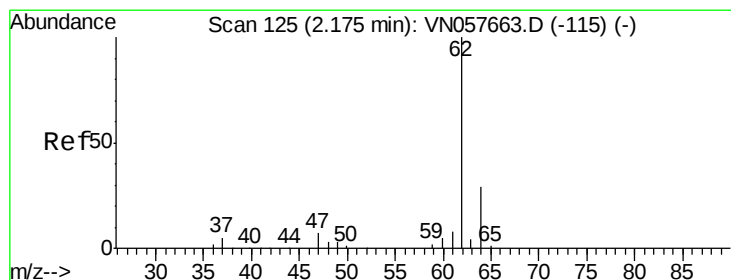
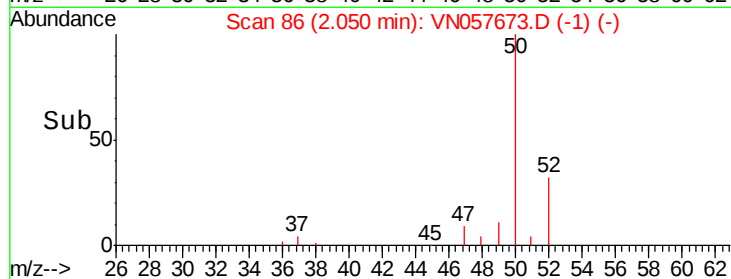
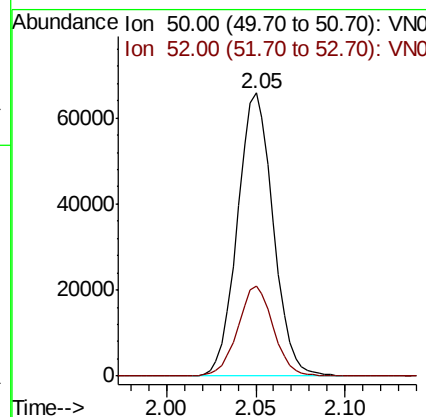
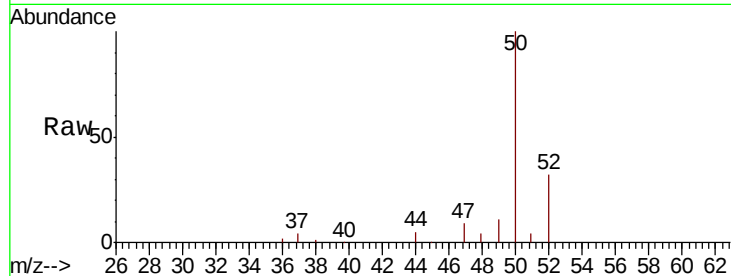
VN0903WBSD01

Tgt Ion: 50 Resp: 92053

Ion Ratio Lower Upper

50 100

52 32.0 25.2 37.8



#4

Vinyl Chloride

Concen: 19.987 ug/l

RT: 2.18 min Scan# 125

Delta R.T. 0.00 min

Lab File: VN057673.D

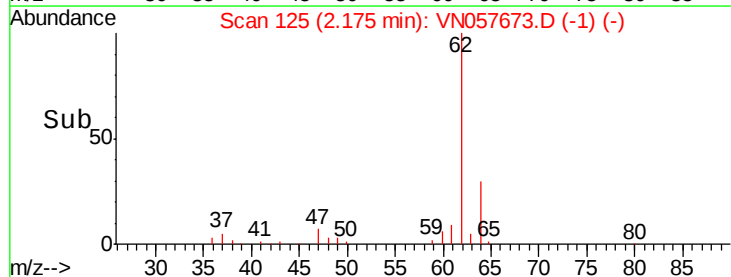
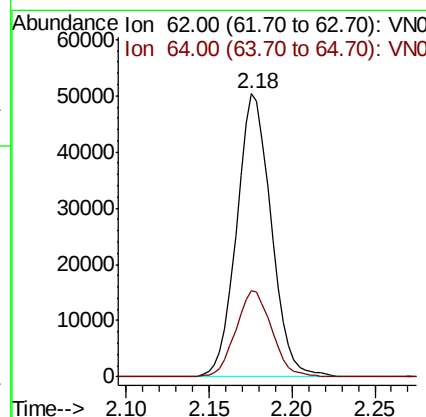
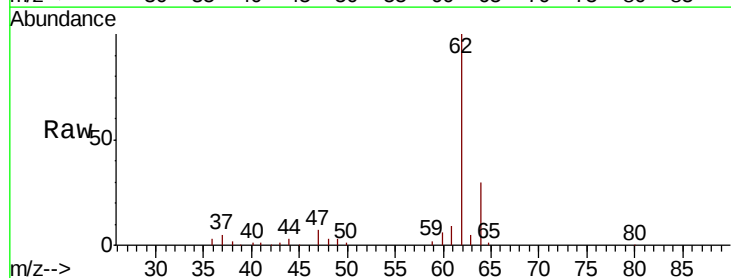
Acq: 3 Sep 2019 19:42

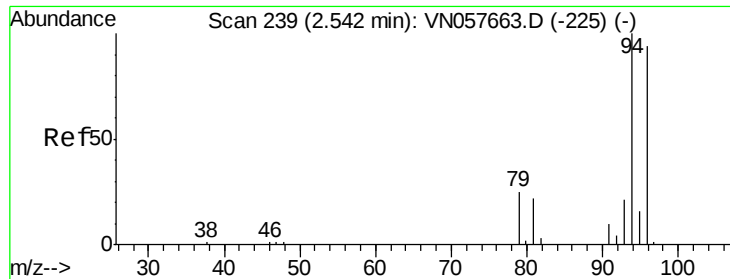
Tgt Ion: 62 Resp: 73172

Ion Ratio Lower Upper

62 100

64 30.4 23.2 34.8

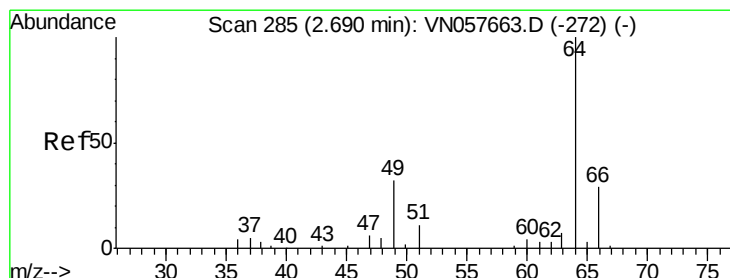
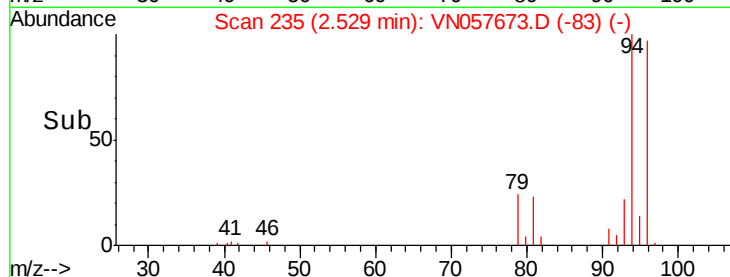
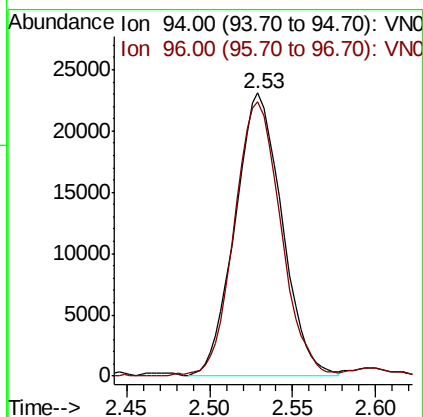
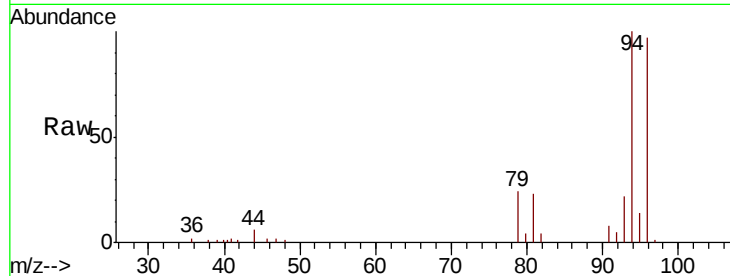




#5
Bromomethane
Concen: 19.453 ug/l
RT: 2.53 min Scan# 235
Delta R.T. -0.01 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

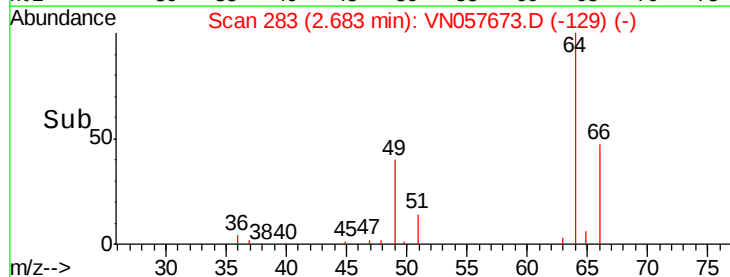
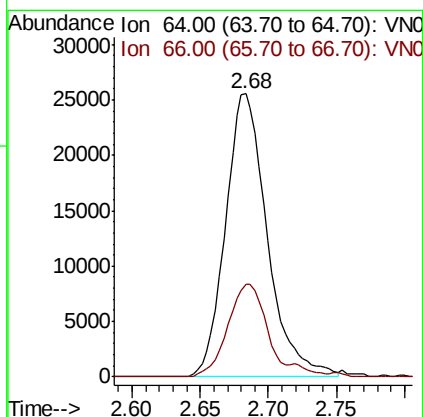
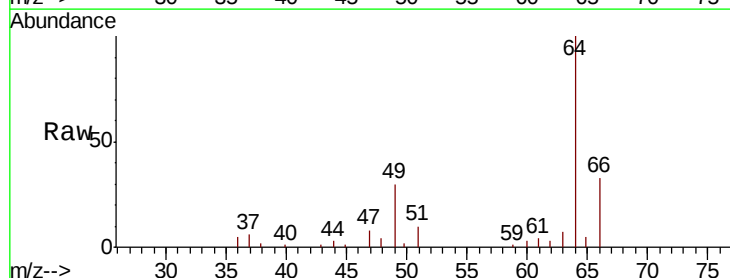
Instrument :
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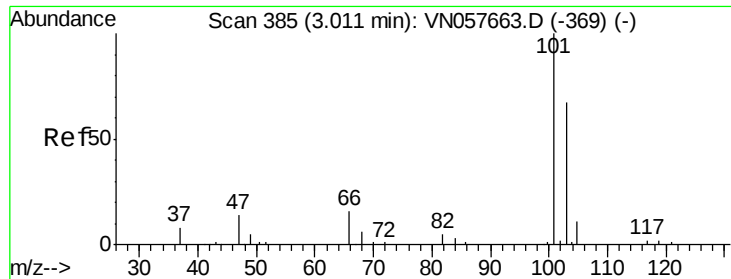
Tgt Ion: 94 Resp: 45530
Ion Ratio Lower Upper
94 100
96 95.7 75.6 113.4



#6
Chloroethane
Concen: 20.325 ug/l
RT: 2.68 min Scan# 283
Delta R.T. -0.01 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion: 64 Resp: 54336
Ion Ratio Lower Upper
64 100
66 32.6 23.5 35.3



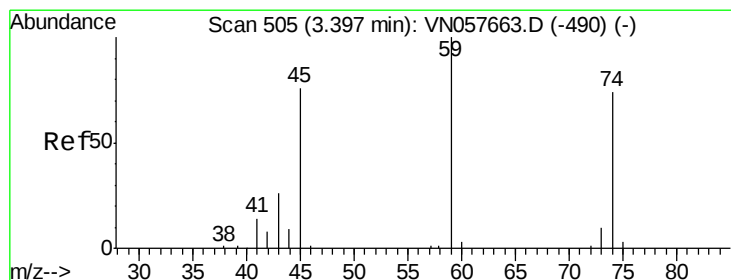
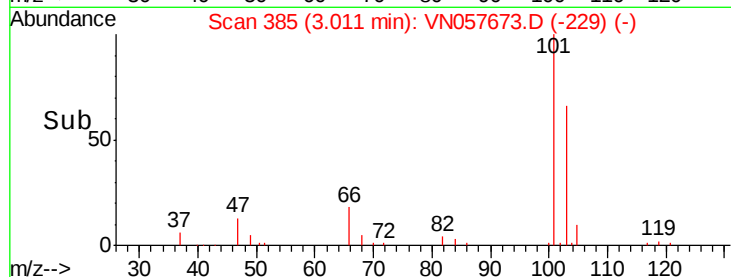
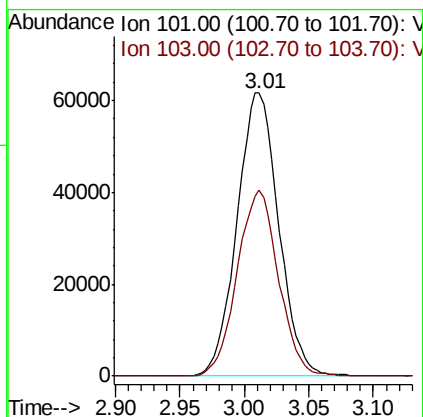
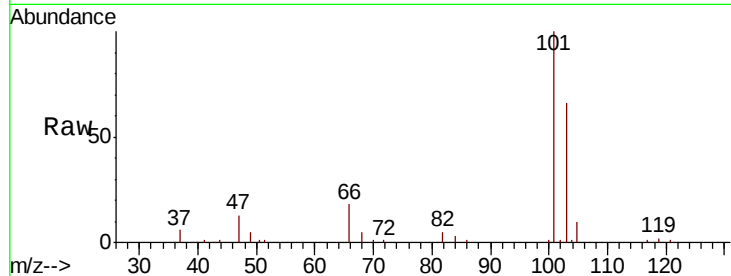


#7

Trichlorofluoromethane
 Concen: 19.828 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Instrument :
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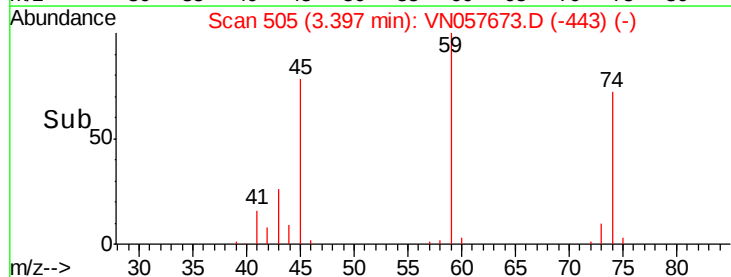
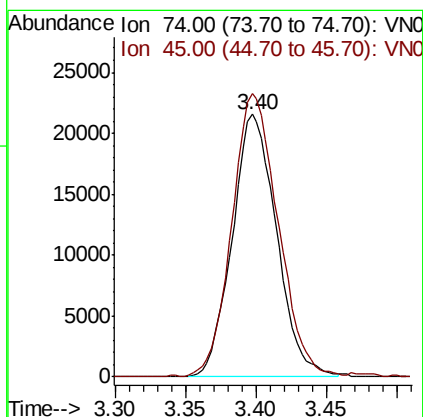
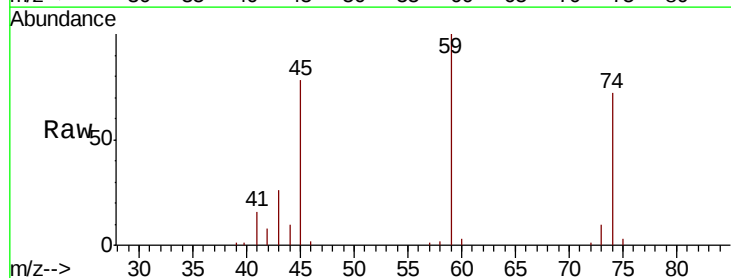
Tgt Ion: 101 Resp: 139032
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.6 80.4

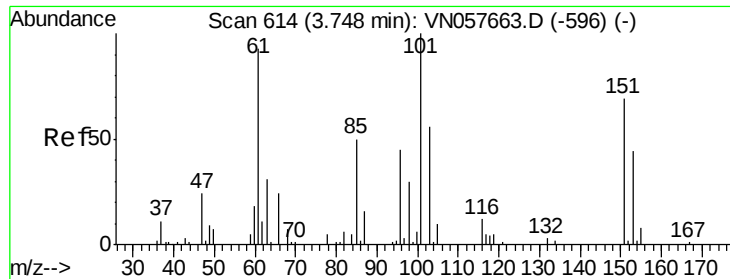


#8

Diethyl Ether
 Concen: 20.599 ug/l
 RT: 3.40 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion: 74 Resp: 47508
 Ion Ratio Lower Upper
 74 100
 45 112.0 22.9 205.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.841 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBSD01

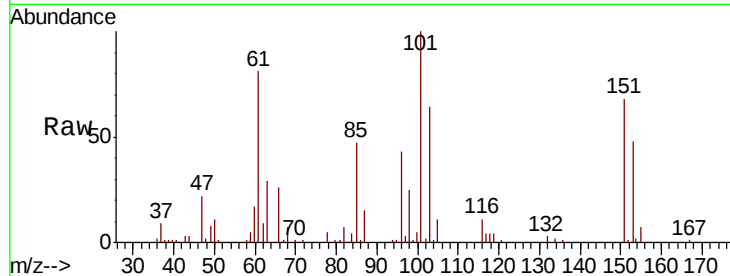
Tgt Ion:101 Resp: 72299

Ion Ratio Lower Upper

101 100

85 48.1 0.0 100.2

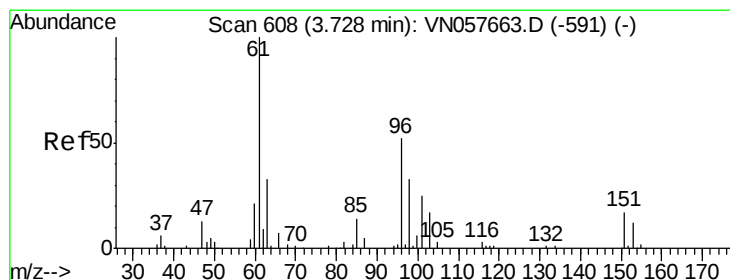
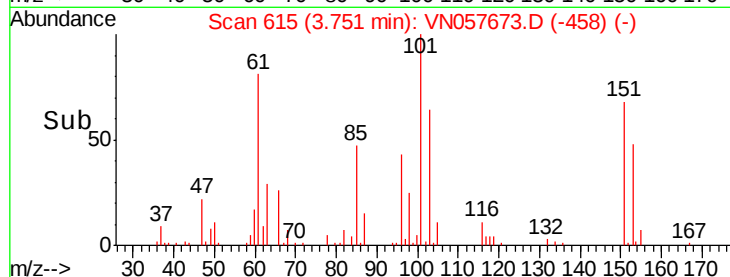
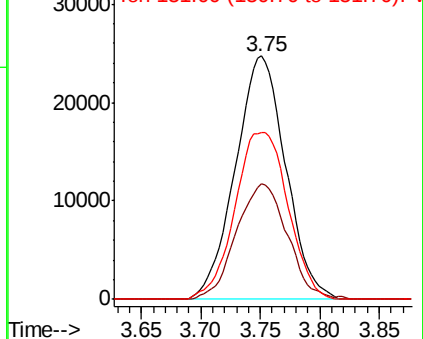
151 72.5 0.0 140.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.769 ug/l

RT: 3.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

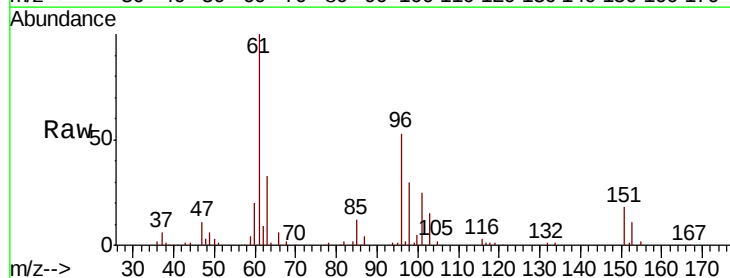
Tgt Ion: 96 Resp: 69045

Ion Ratio Lower Upper

96 100

61 188.9 152.9 229.3

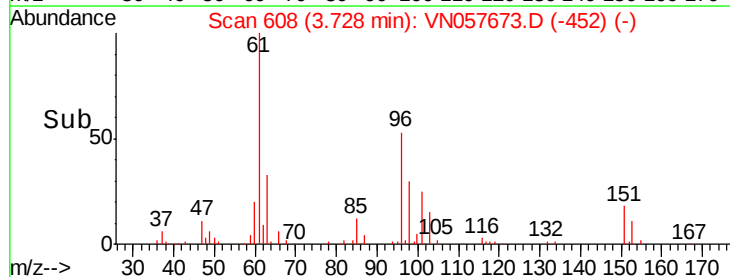
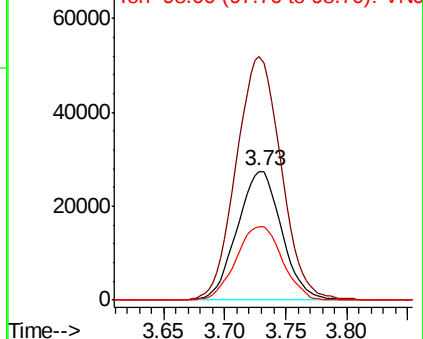
98 57.2 51.0 76.4

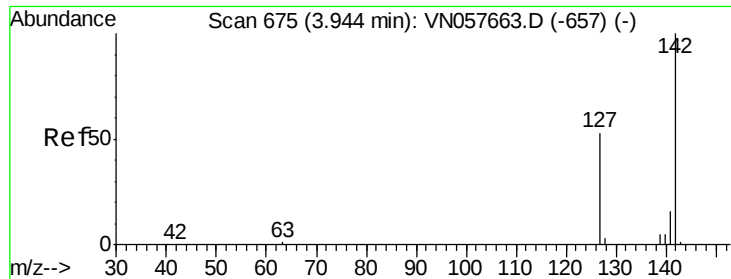


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

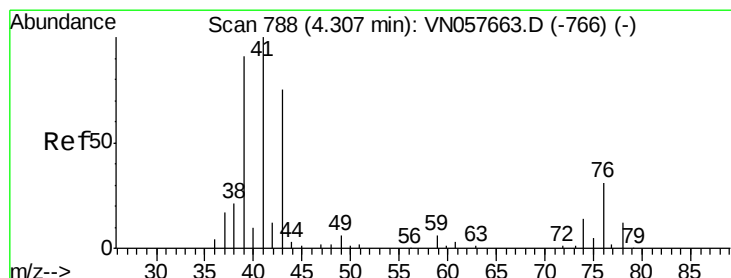
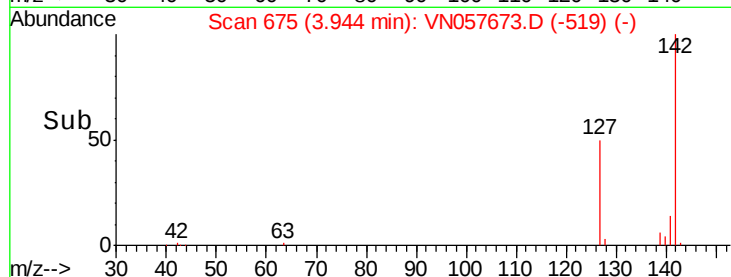
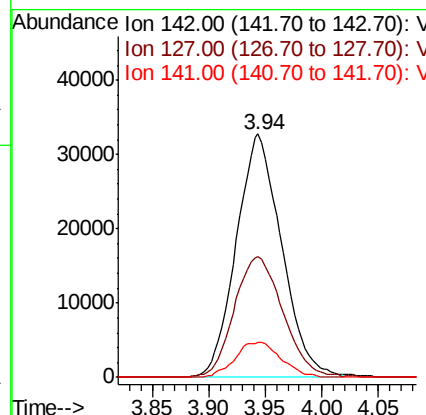
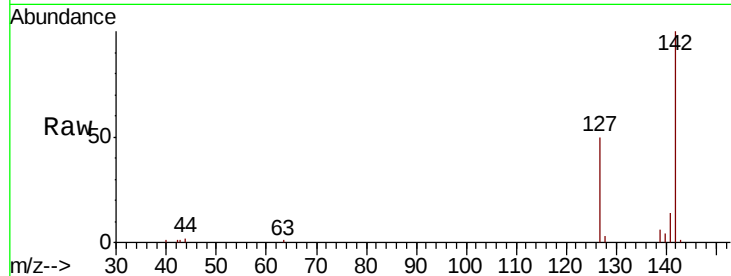




#11
Methyl Iodide
Concen: 19.836 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

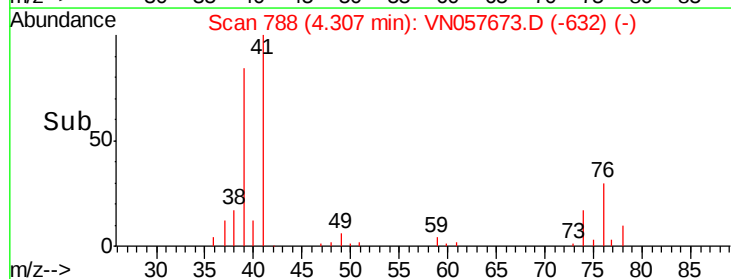
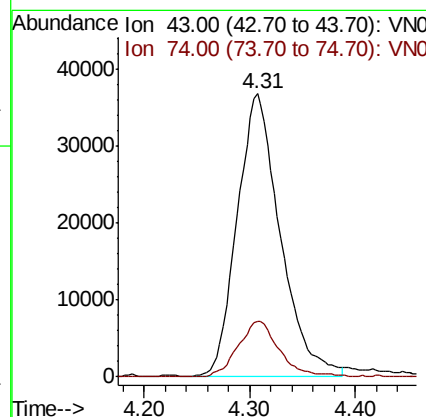
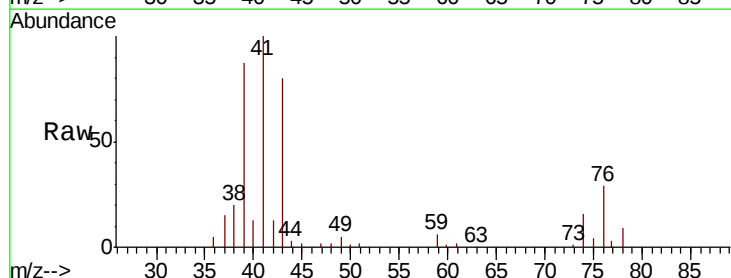
Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

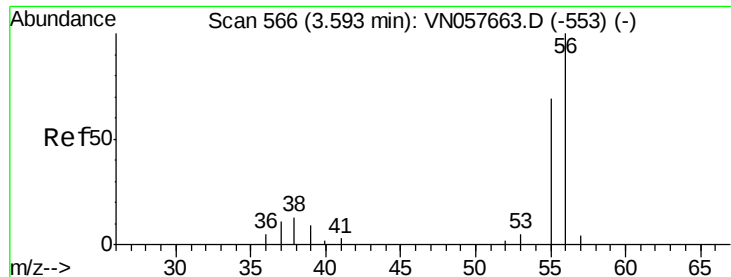
Tgt Ion:142 Resp: 91313
Ion Ratio Lower Upper
142 100
127 49.6 26.2 78.5
141 14.2 7.6 22.9



#12
Methyl Acetate
Concen: 21.114 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion: 43 Resp: 104798
Ion Ratio Lower Upper
43 100
74 19.8 14.6 22.0





#13

Acrolein

Concen: 92.527 ug/l

RT: 3.60 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

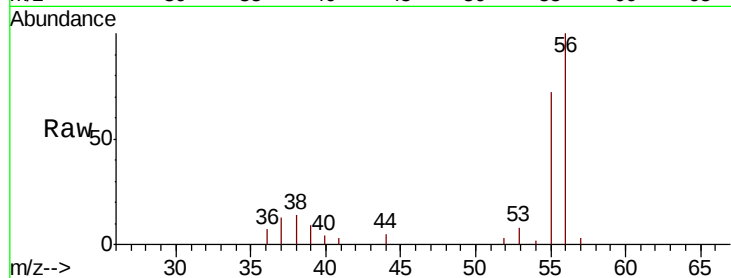
VN0903WBSD01

Tgt Ion: 56 Resp: 26058

Ion Ratio Lower Upper

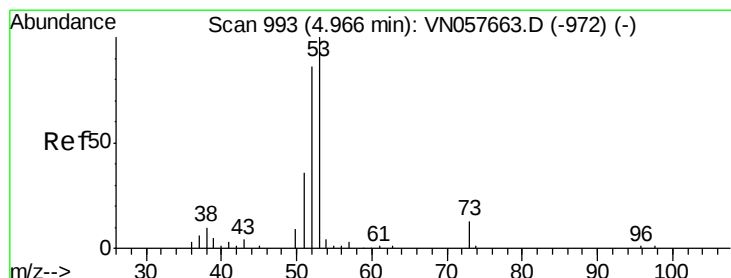
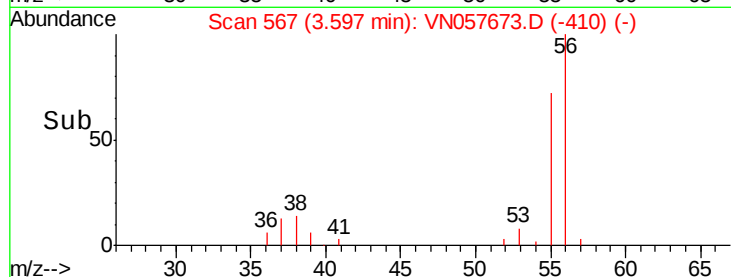
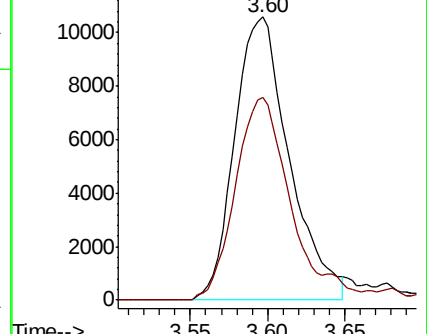
56 100

55 68.1 54.2 81.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 99.050 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

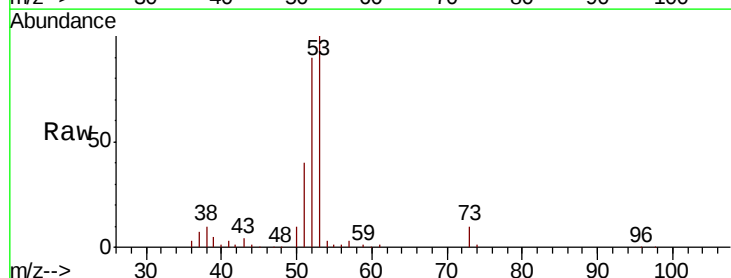
Tgt Ion: 53 Resp: 178926

Ion Ratio Lower Upper

53 100

52 84.5 41.9 125.7

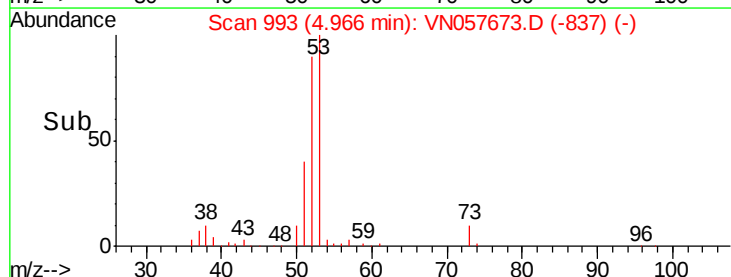
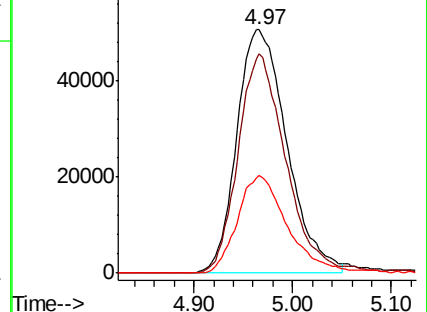
51 39.5 19.4 58.2

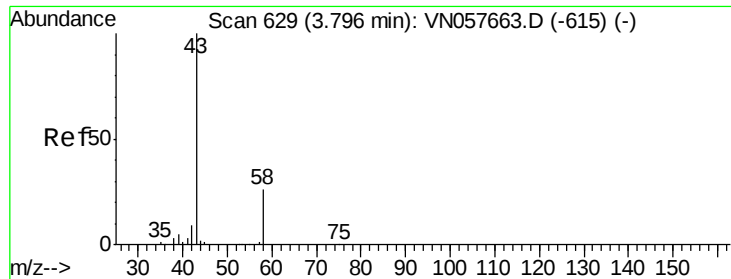


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 87.640 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

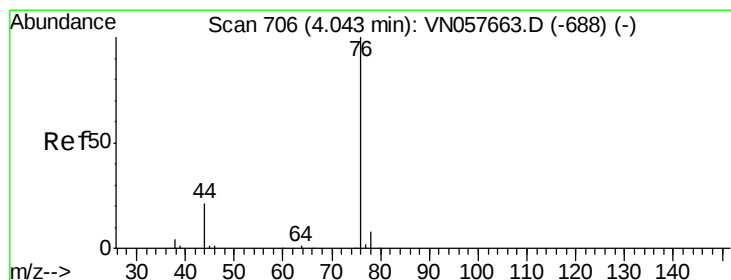
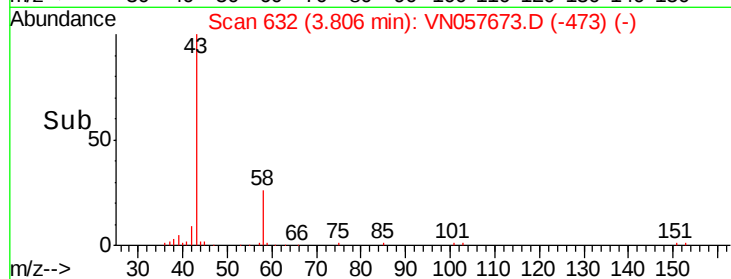
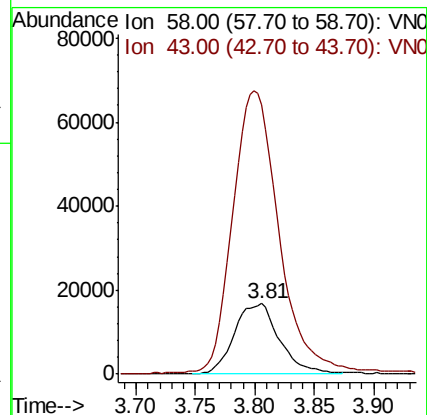
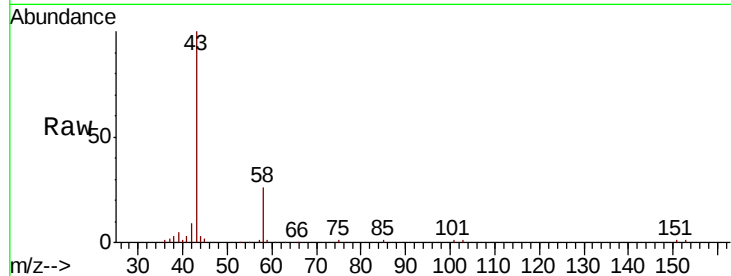
VN0903WBSD01

Tgt Ion: 58 Resp: 44407

Ion Ratio Lower Upper

58 100

43 379.0 308.8 463.2



#16

Carbon Disulfide

Concen: 18.775 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN057673.D

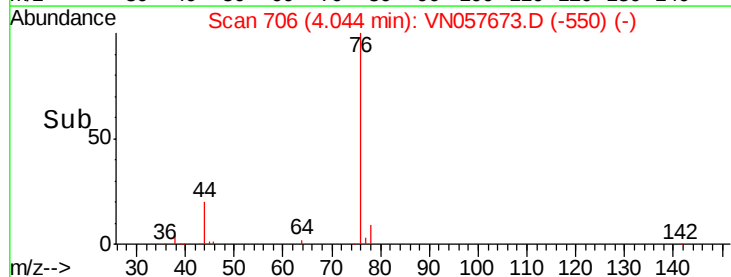
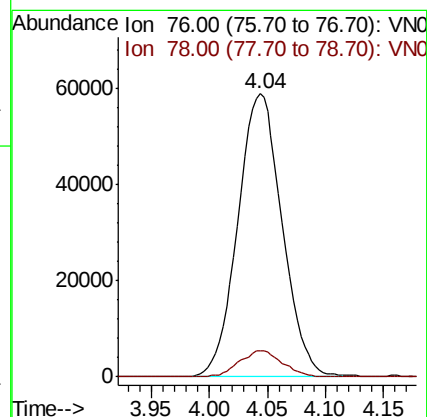
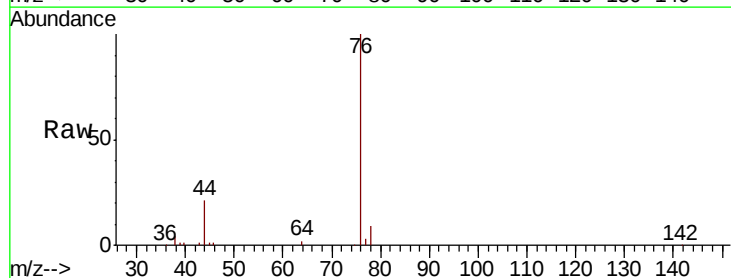
Acq: 3 Sep 2019 19:42

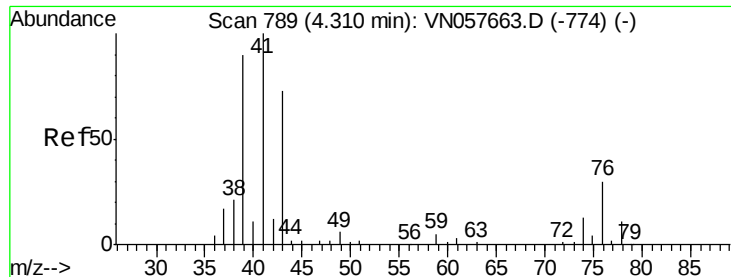
Tgt Ion: 76 Resp: 156787

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2





#17

Allyl chloride

Concen: 18.700 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBSD01

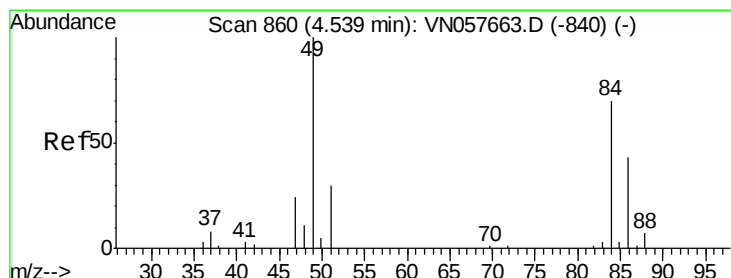
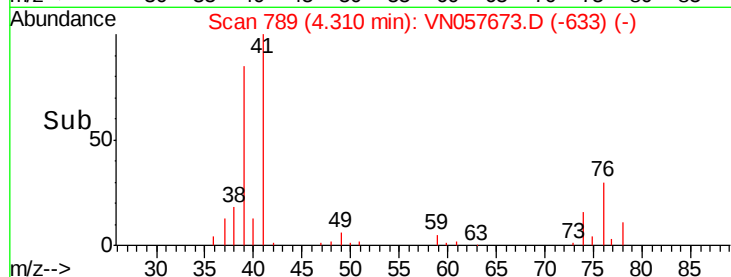
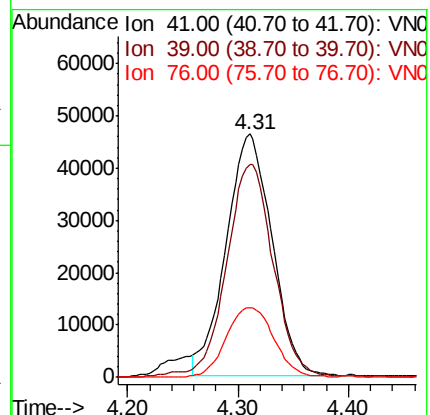
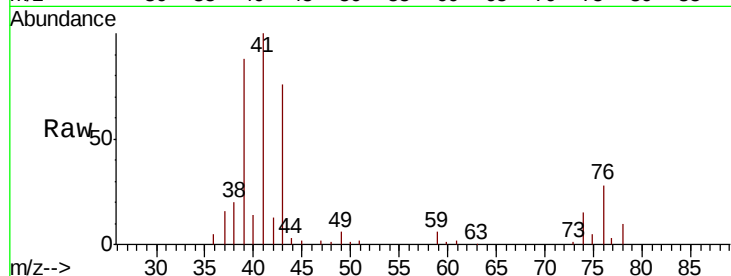
Tgt Ion: 41 Resp: 132770

Ion Ratio Lower Upper

41 100

39 87.5 43.0 128.8

76 28.2 14.2 42.8



#18

Methylene Chloride

Concen: 20.072 ug/l

RT: 4.54 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Tgt Ion: 84 Resp: 83614

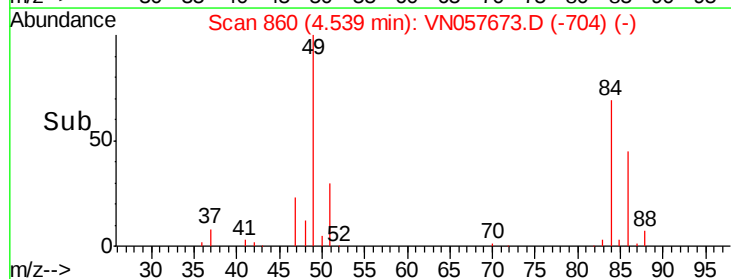
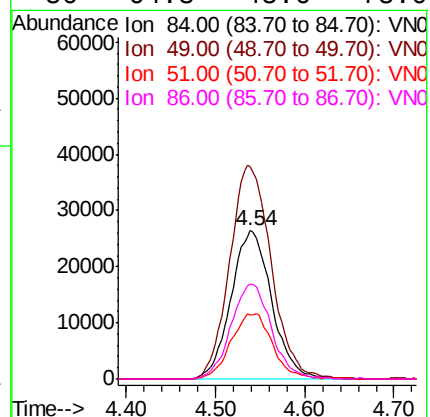
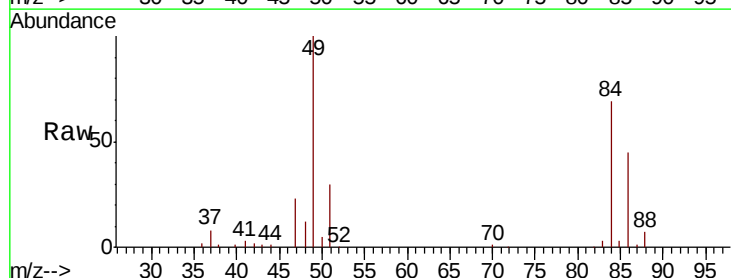
Ion Ratio Lower Upper

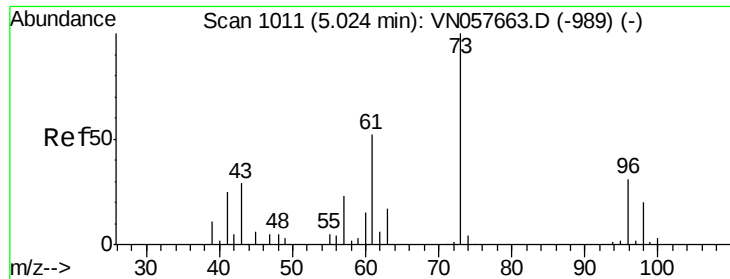
84 100

49 143.9 113.7 170.5

51 42.9 34.5 51.7

86 64.3 48.6 73.0

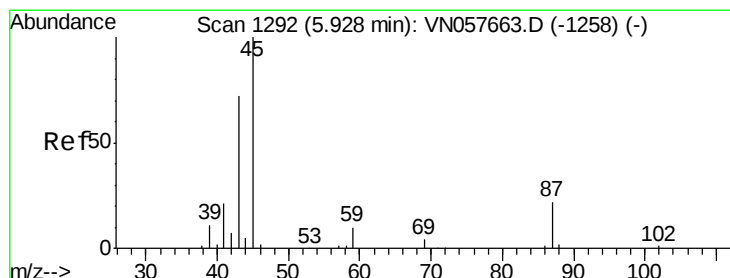
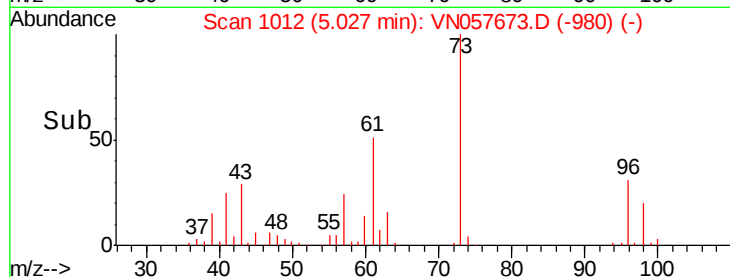
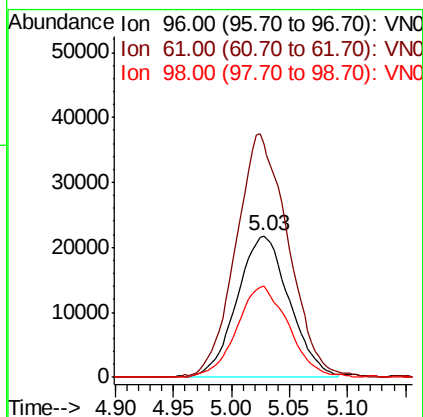
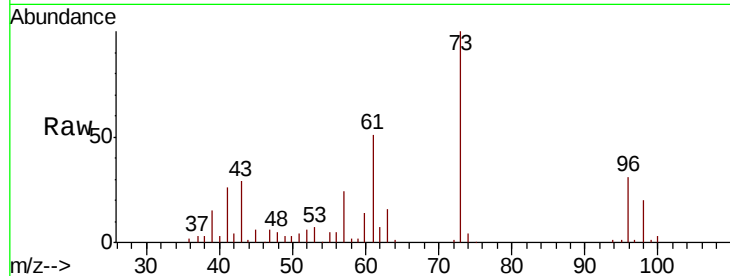




#19
trans-1,2-Dichloroethene
Concen: 19.489 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

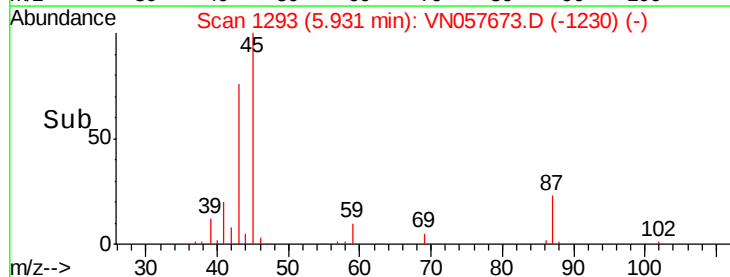
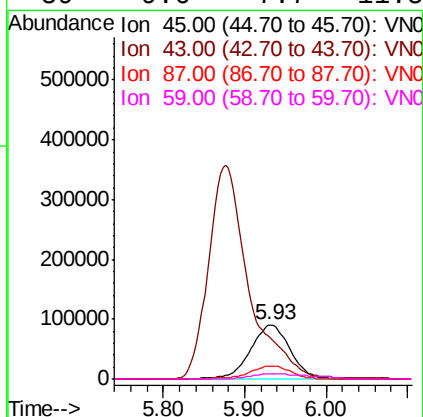
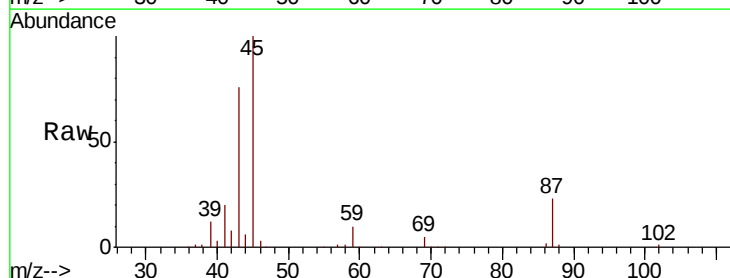
Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

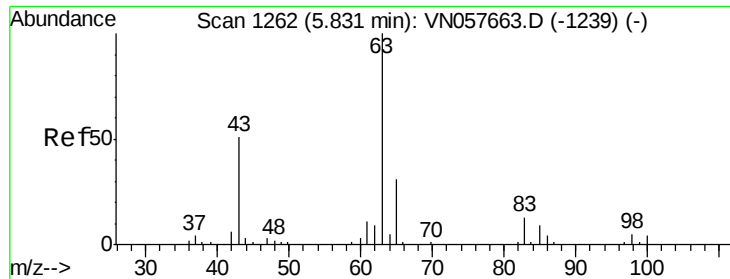
Tgt Ion: 96 Resp: 68533
Ion Ratio Lower Upper
96 100
61 163.5 133.4 200.0
98 64.2 50.4 75.6



#20
Diisopropyl ether
Concen: 19.909 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion: 45 Resp: 304594
Ion Ratio Lower Upper
45 100
43 73.9 58.3 87.5
87 22.6 18.5 27.7
59 9.6 7.7 11.5

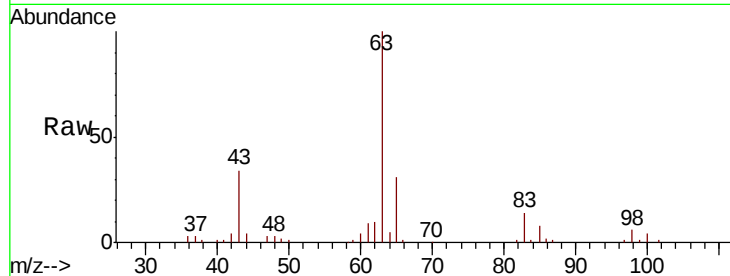




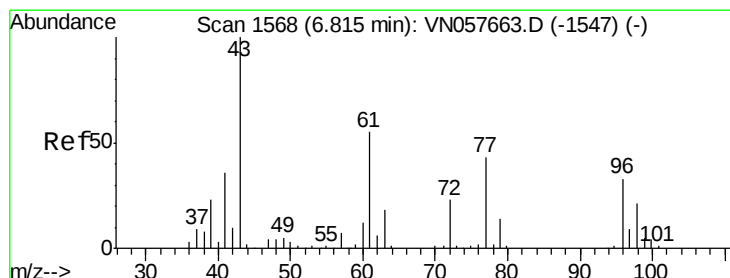
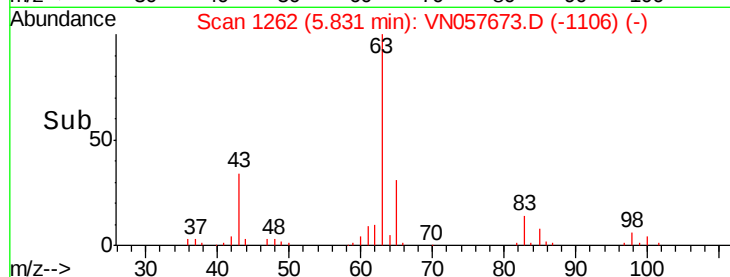
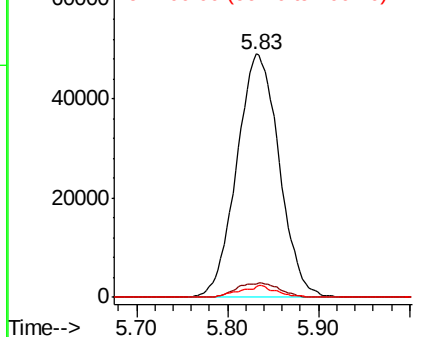
#21
 1,1-Dichloroethane
 Concen: 20.122 ug/l
 RT: 5.83 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Tgt Ion: 63 Resp: 158677
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.6 7.8
 100 4.2 1.8 5.5

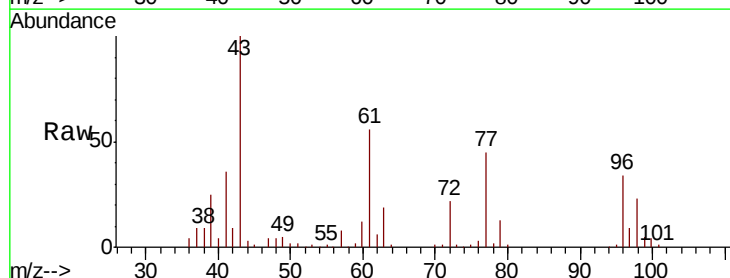


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

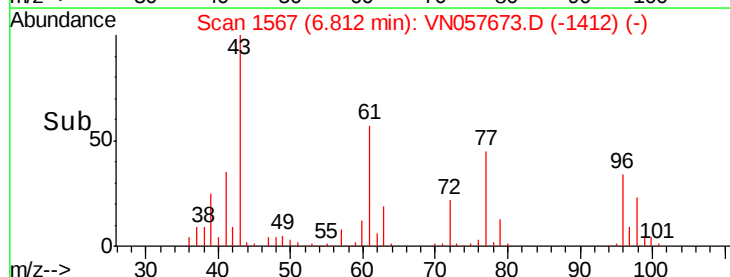
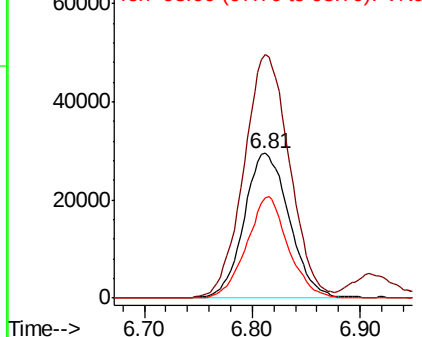


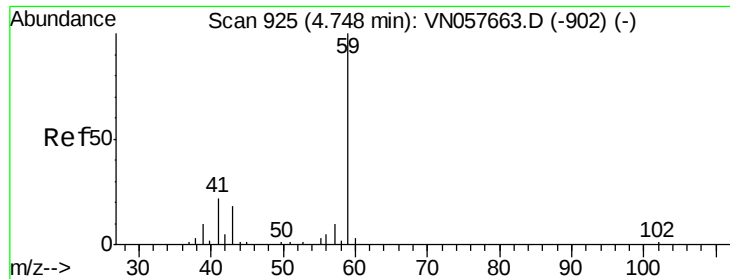
#22
 cis-1,2-Dichloroethene
 Concen: 20.057 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion: 96 Resp: 86150
 Ion Ratio Lower Upper
 96 100
 61 169.7 137.2 205.8
 98 64.0 50.5 75.7



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0

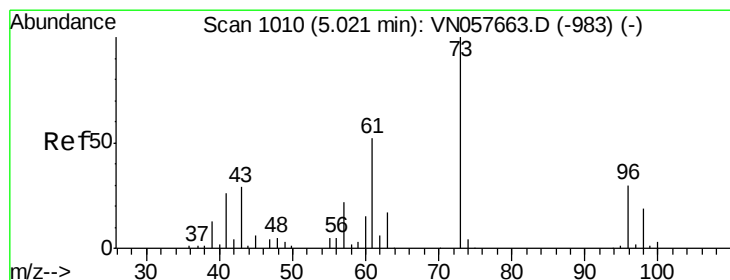
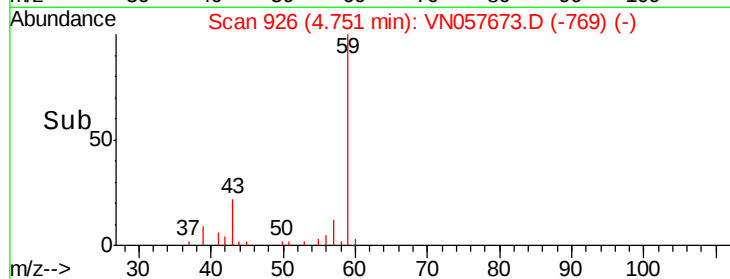
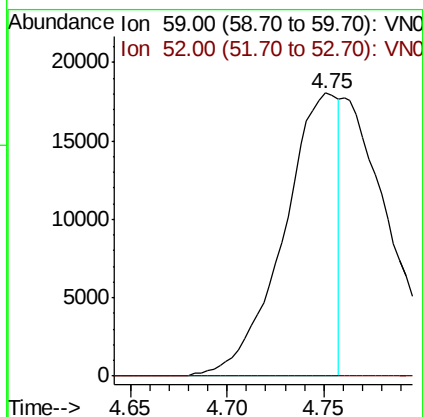
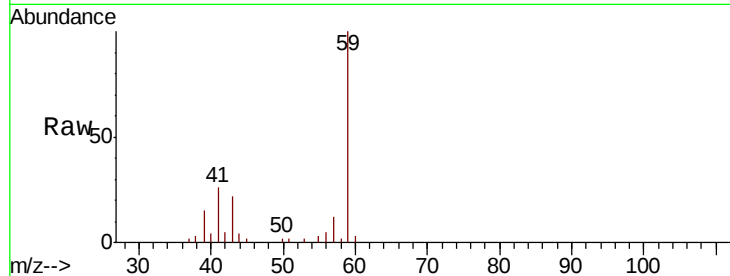




#23
 tert-Butyl Alcohol
 Concen: 53.808 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

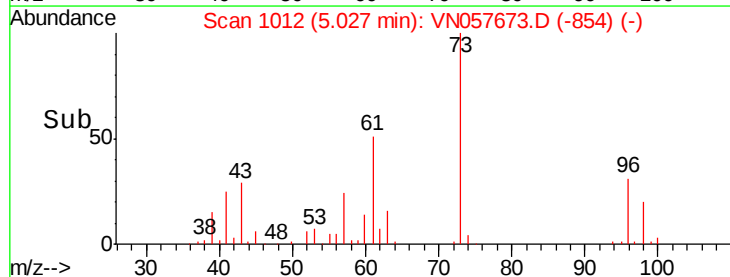
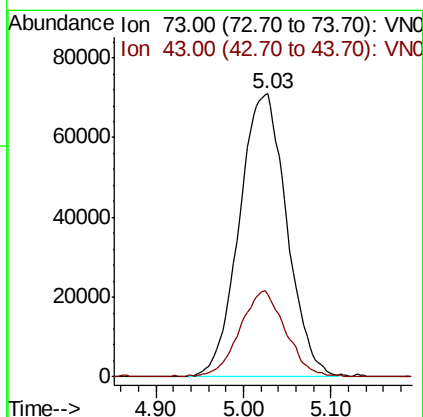
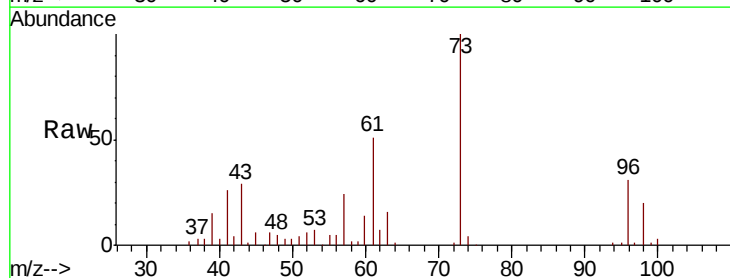
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

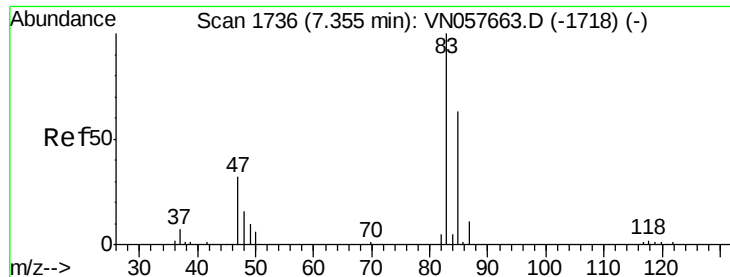
Tgt Ion: 59 Resp: 35343
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#24
 Methyl tert-Butyl Ether
 Concen: 20.216 ug/l
 RT: 5.03 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion: 73 Resp: 267036
 Ion Ratio Lower Upper
 73 100
 43 28.6 23.2 34.8

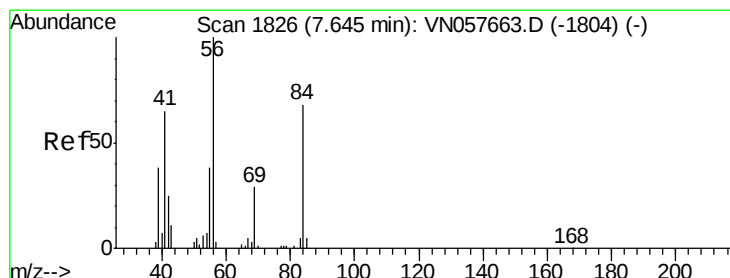
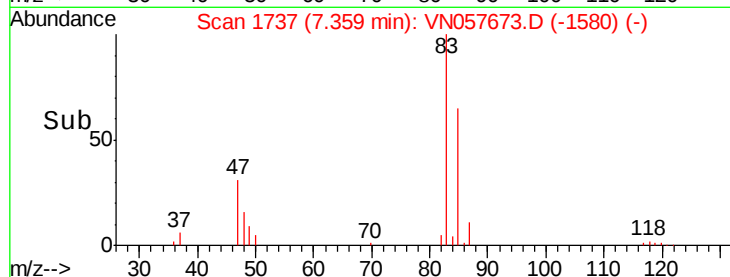
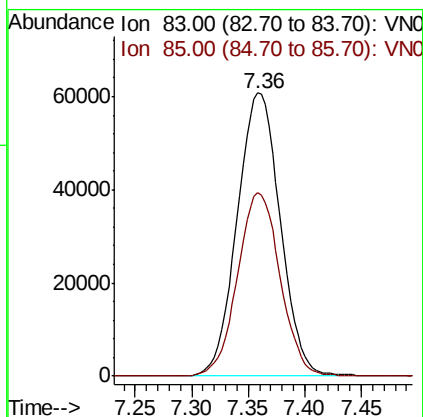
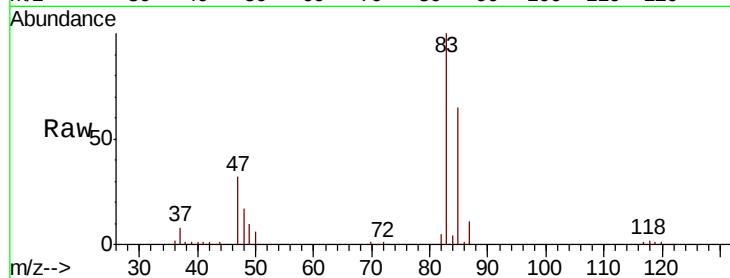




#25
Chloroform
Concen: 19.702 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

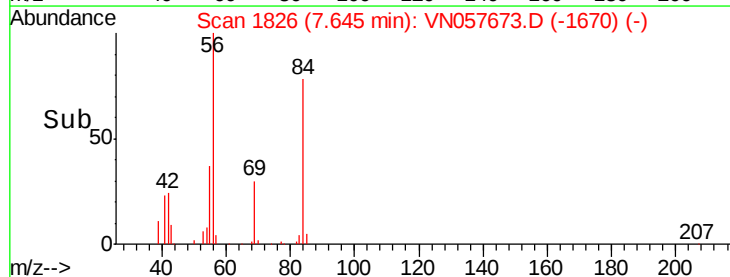
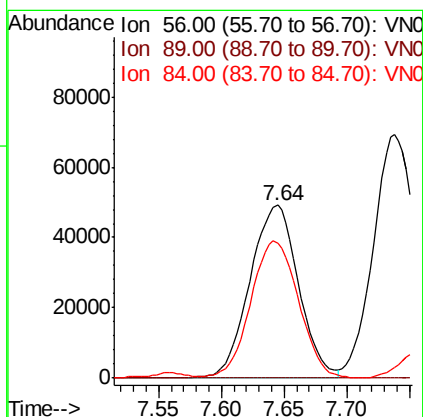
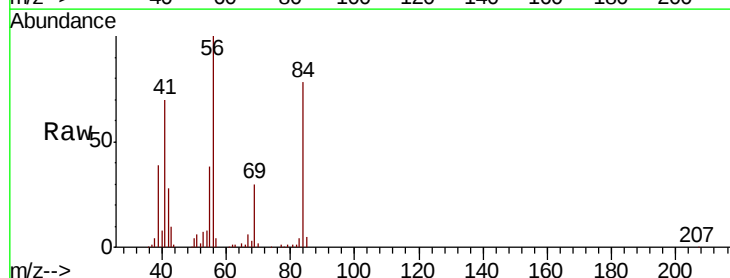
Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

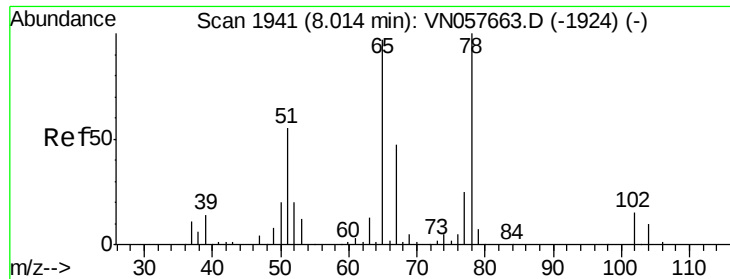
Tgt Ion: 83 Resp: 161051
Ion Ratio Lower Upper
83 100
85 65.1 50.8 76.2



#26
Cyclohexane
Concen: 19.743 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion: 56 Resp: 132573
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 78.5 60.4 90.6

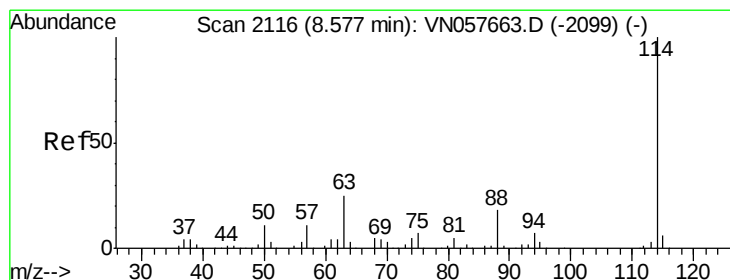
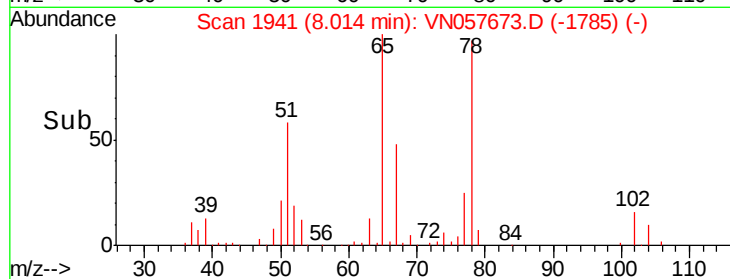
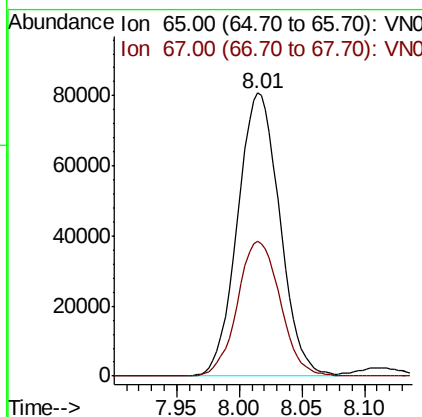
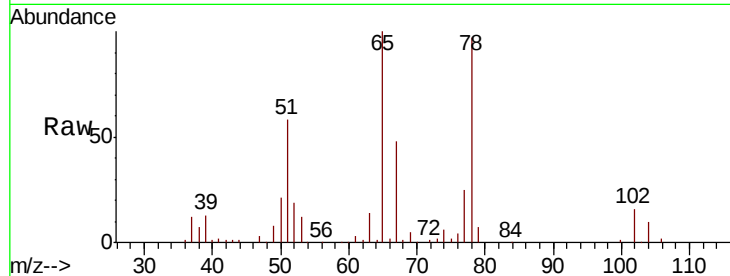




#27
 1,2-Dichloroethane-d4
 Concen: 30.244 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

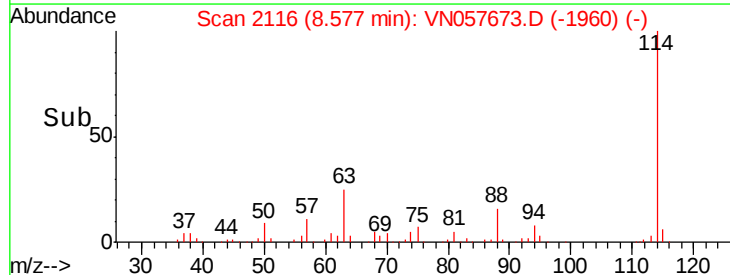
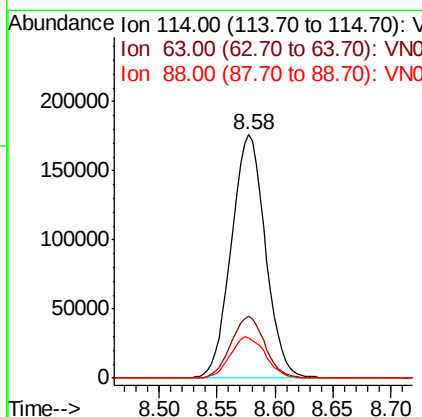
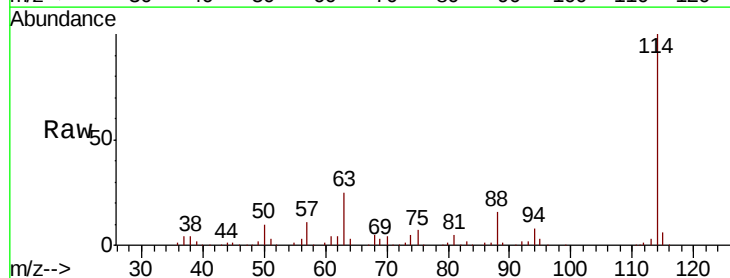
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

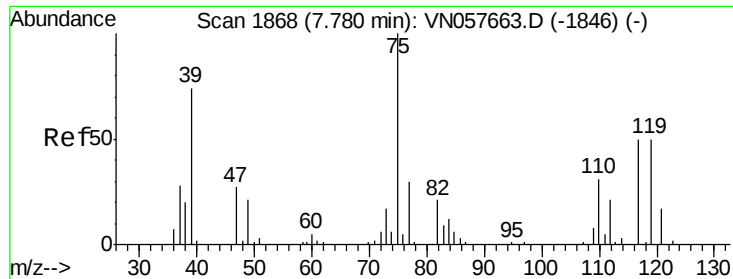
Tgt Ion: 65 Resp: 189449
 Ion Ratio Lower Upper
 65 100
 67 48.3 38.6 57.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion: 114 Resp: 358654
 Ion Ratio Lower Upper
 114 100
 63 25.2 20.6 30.8
 88 17.5 14.3 21.5

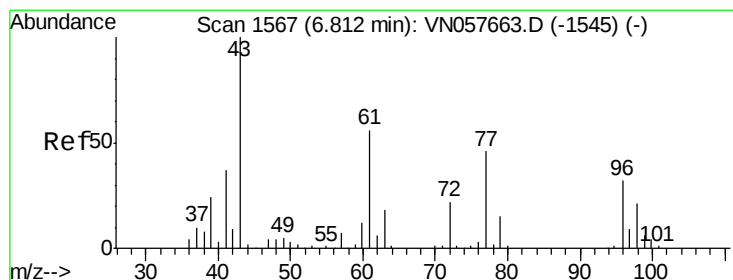
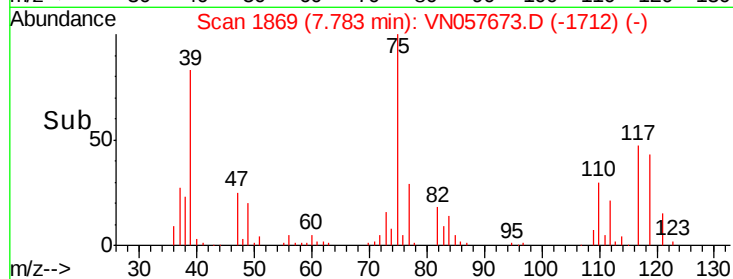
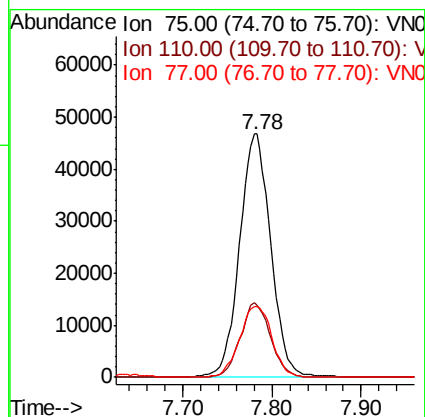
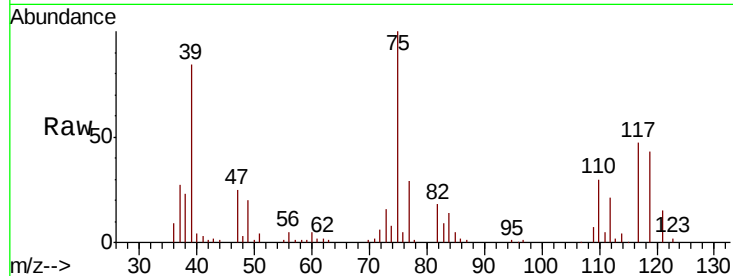




#29
 1,1-Dichloropropene
 Concen: 19.854 ug/l
 RT: 7.78 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

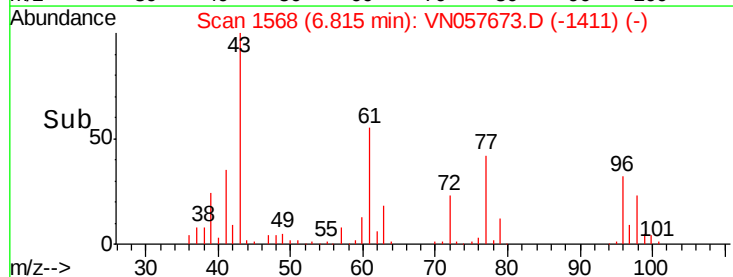
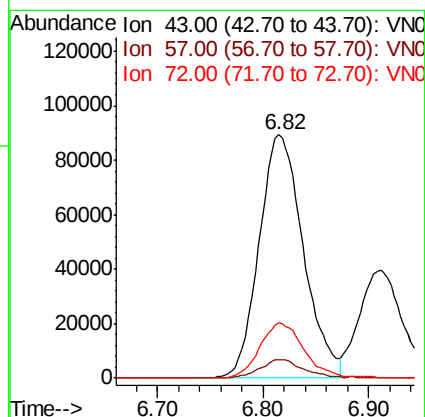
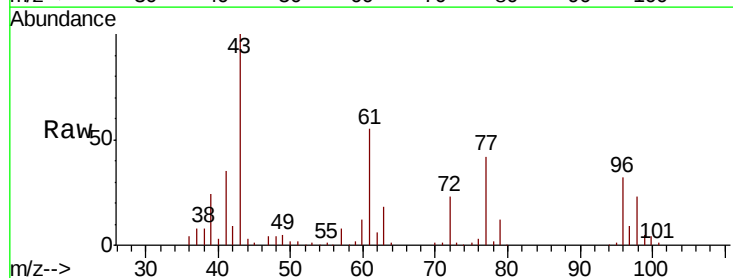
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

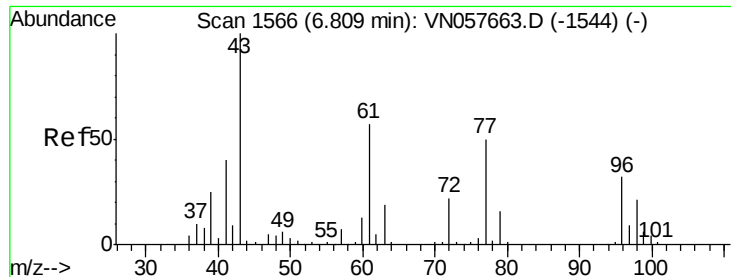
Tgt Ion: 75 Resp: 113709
 Ion Ratio Lower Upper
 75 100
 110 29.5 0.0 62.8
 77 30.2 0.0 57.8



#30
 2-Butanone
 Concen: 96.388 ug/l
 RT: 6.82 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion: 43 Resp: 260776
 Ion Ratio Lower Upper
 43 100
 57 7.3 2.6 3.8#
 72 22.2 18.1 27.1





#31

2,2-Dichloropropane

Concen: 17.701 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

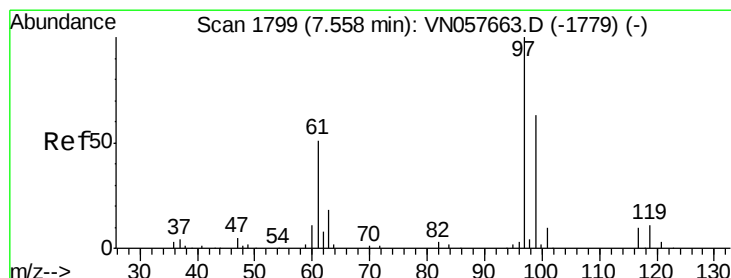
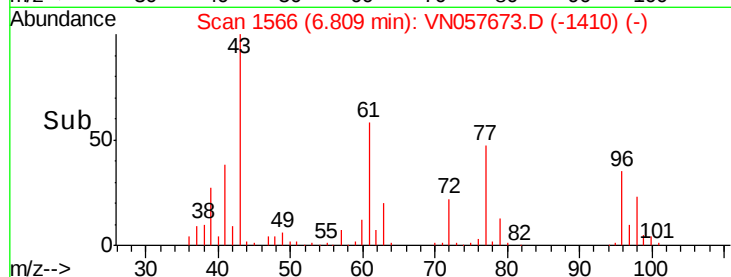
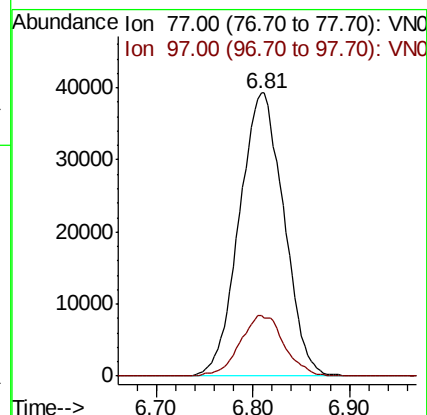
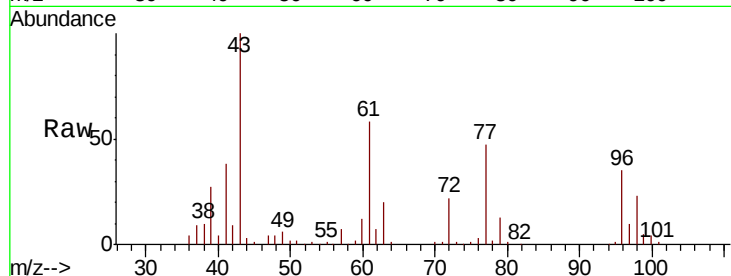
VN0903WBSD01

Tgt Ion: 77 Resp: 125466

Ion Ratio Lower Upper

77 100

97 12.0 8.8 13.2



#32

1,1,1-Trichloroethane

Concen: 19.832 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

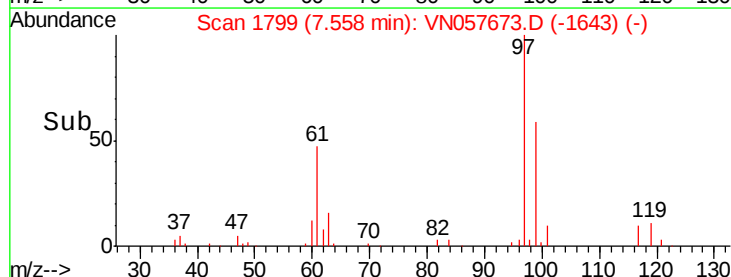
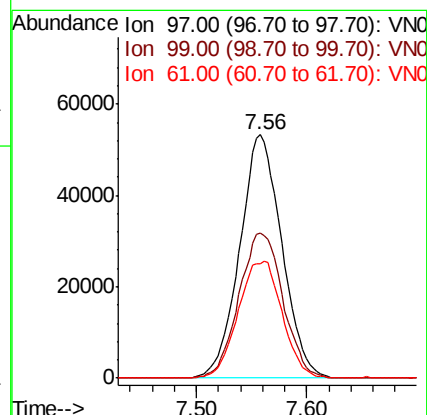
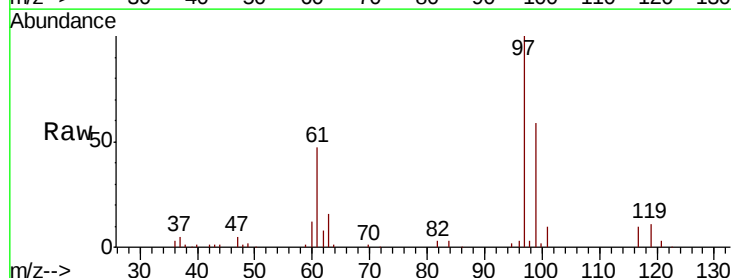
Tgt Ion: 97 Resp: 140616

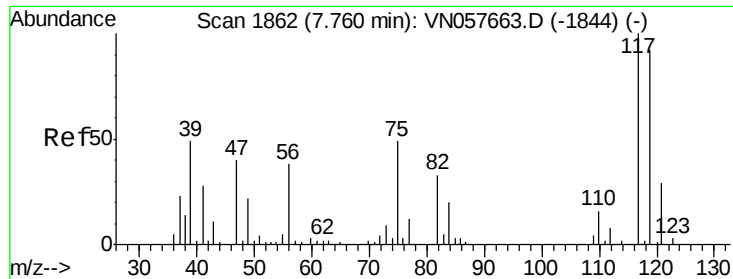
Ion Ratio Lower Upper

97 100

99 62.4 51.9 77.9

61 50.3 41.4 62.0

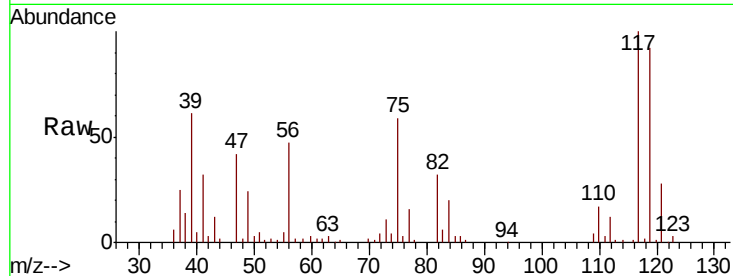




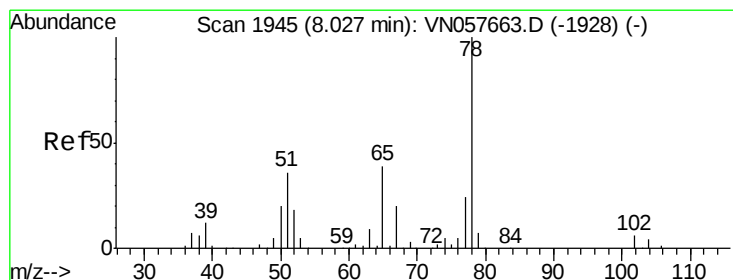
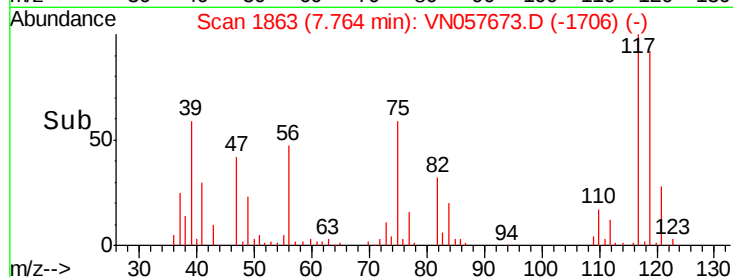
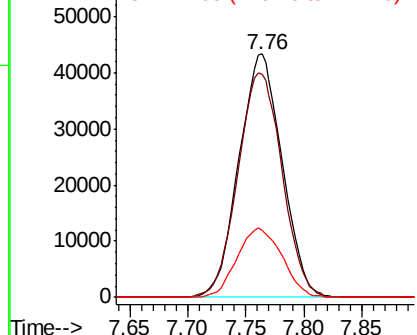
#33
Carbon Tetrachloride
Concen: 19.464 ug/l
RT: 7.76 min Scan# 1863
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tgt Ion: 117 Resp: 112075
Ion Ratio Lower Upper
117 100
119 91.8 73.3 109.9
121 27.8 23.3 34.9

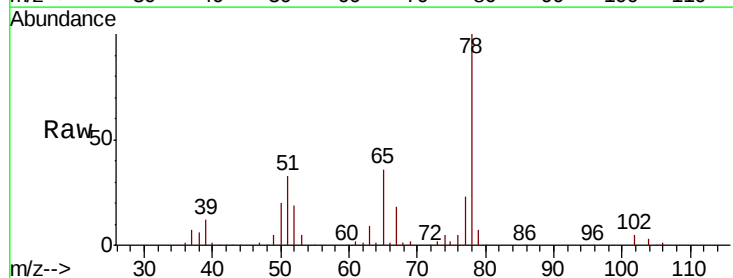


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

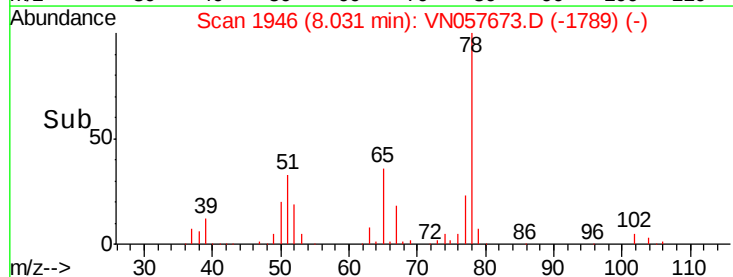
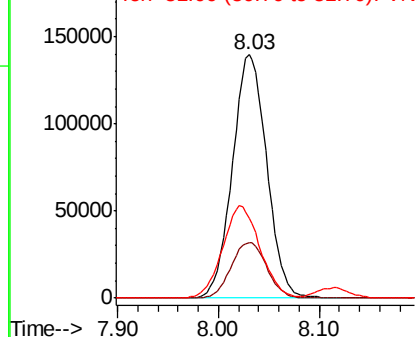


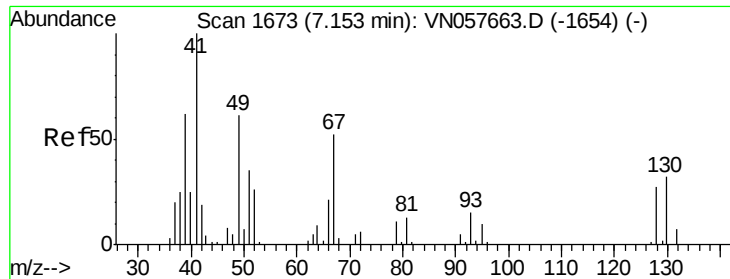
#34
Benzene
Concen: 20.055 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion: 78 Resp: 329931
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2
51 32.4 29.0 43.6



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V





#35

Methacrylonitrile

Concen: 22.823 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBSD01

Tgt Ion: 41 Resp: 56565

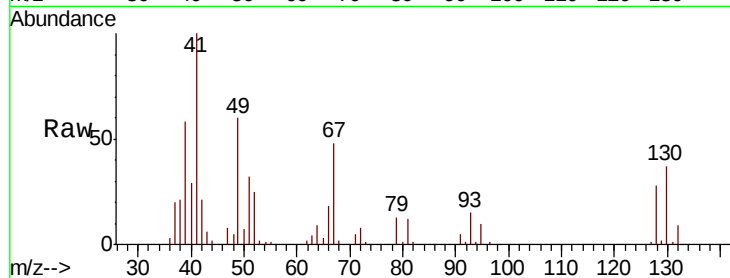
Ion Ratio Lower Upper

41 100

39 57.7 31.0 93.0

67 48.4 25.9 77.7

52 25.3 12.9 38.7

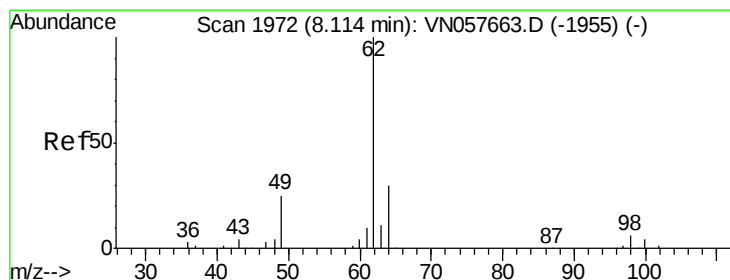
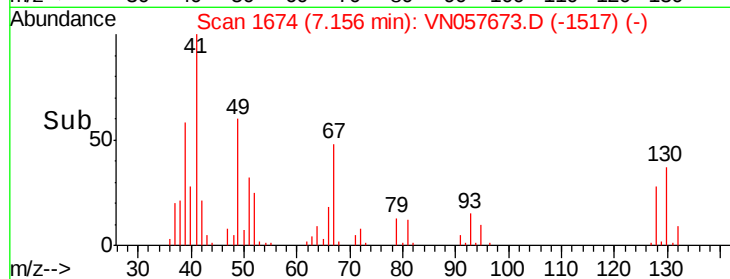
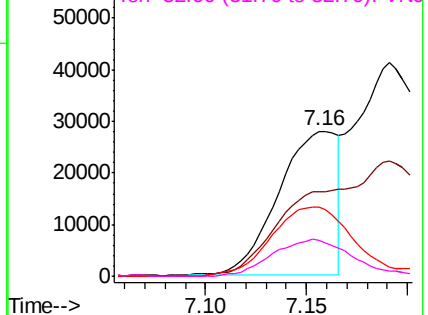


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#36

1,2-Dichloroethane

Concen: 19.775 ug/l

RT: 8.11 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VN057673.D

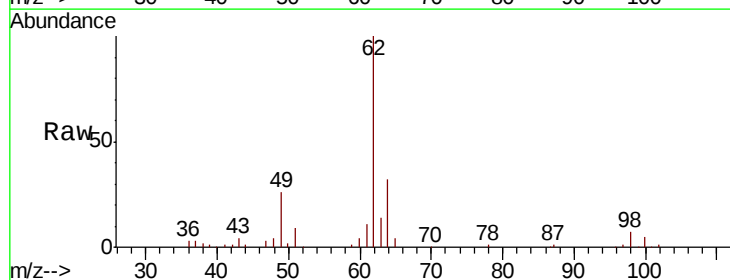
Acq: 3 Sep 2019 19:42

Tgt Ion: 62 Resp: 144978

Ion Ratio Lower Upper

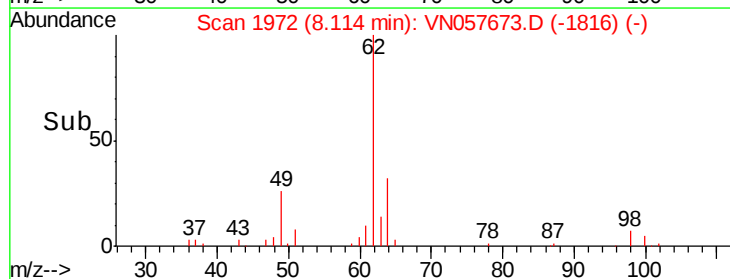
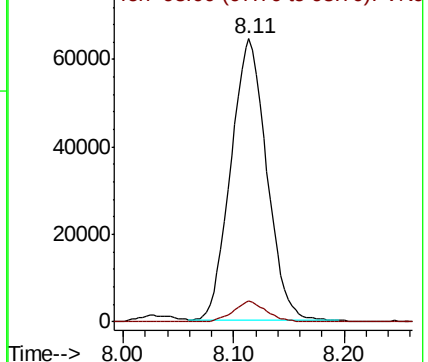
62 100

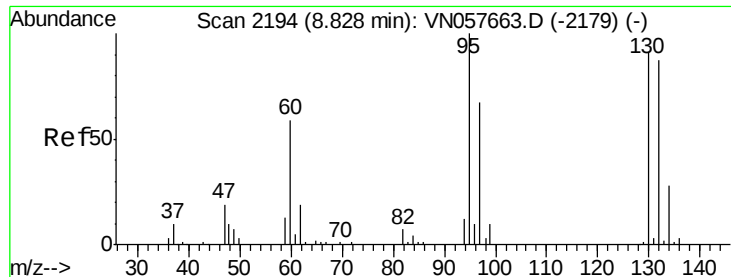
98 6.7 0.0 0.0#



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 20.170 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

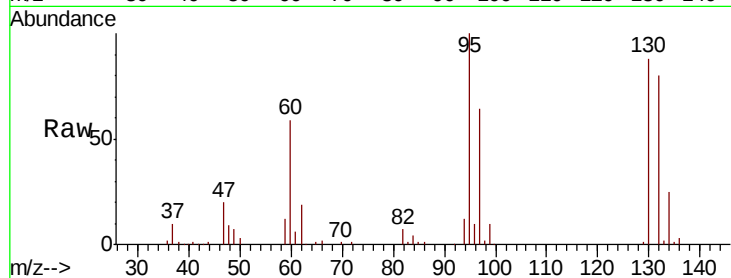
VN0903WBSD01

Tgt Ion:130 Resp: 78793

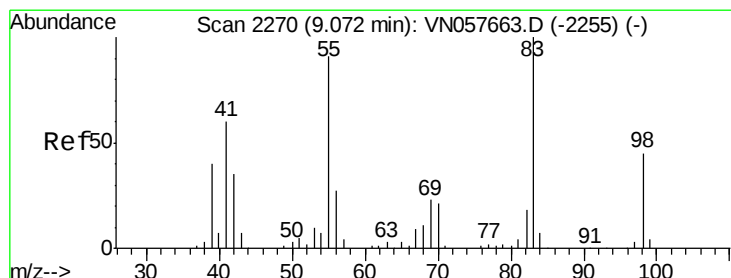
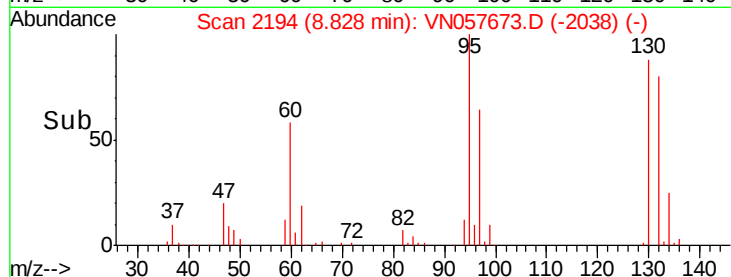
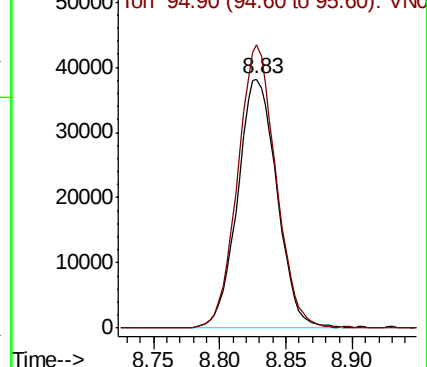
Ion Ratio Lower Upper

130 100

95 113.5 87.5 131.3



Abundance Ion 129.90 (129.60 to 130.60): VN057663.D (-2179) (-)



#38

Methylcyclohexane

Concen: 19.271 ug/l

RT: 9.07 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

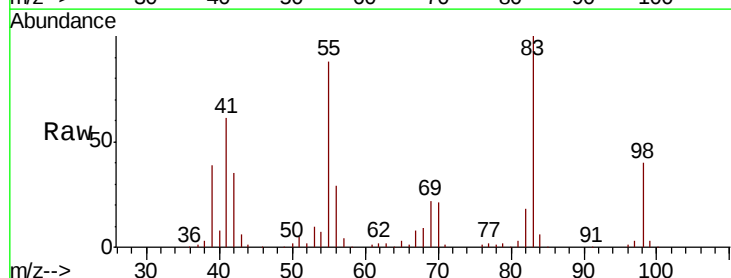
Tgt Ion: 83 Resp: 122471

Ion Ratio Lower Upper

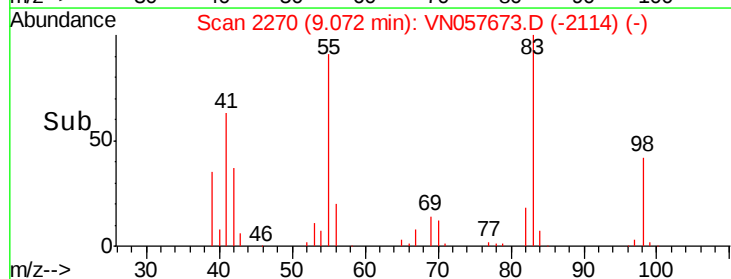
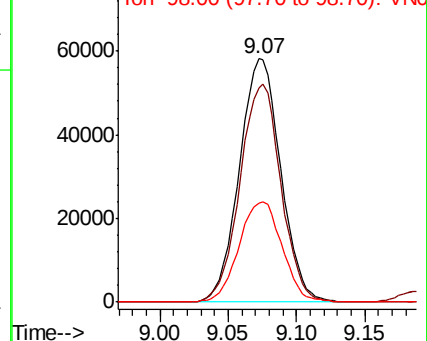
83 100

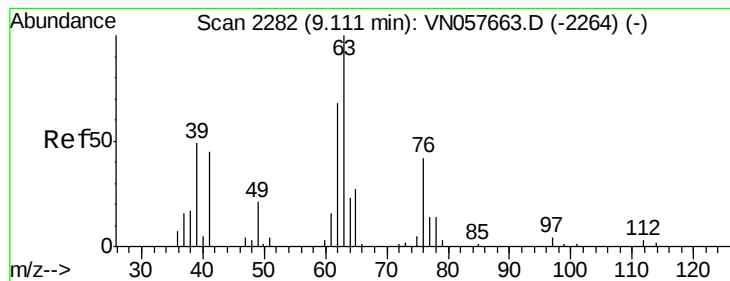
55 88.8 45.1 135.3

98 42.8 22.5 67.5



Abundance Ion 83.00 (82.70 to 83.70): VN057663.D (-2255) (-)





#39

1,2-Dichloropropane

Concen: 19.959 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

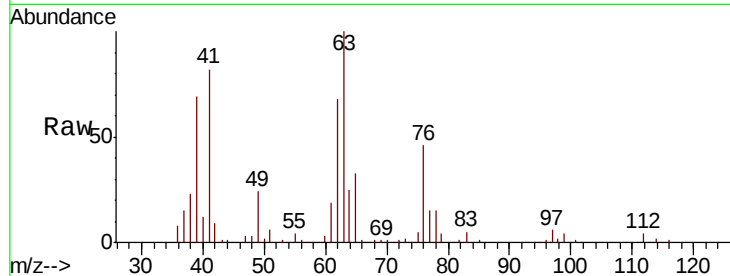
VN0903WBSD01

Tgt Ion: 63 Resp: 89789

Ion Ratio Lower Upper

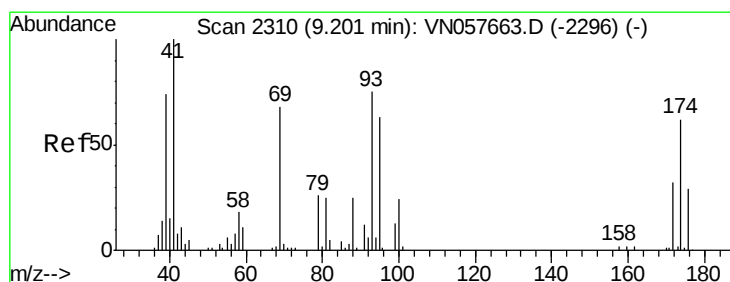
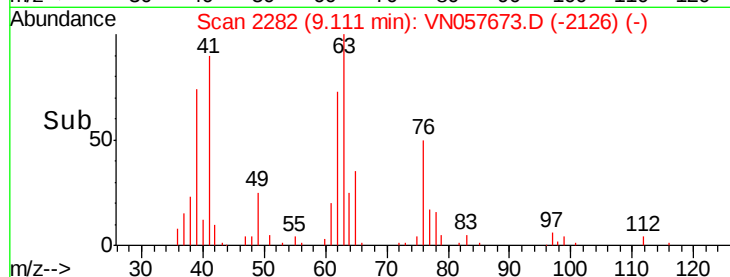
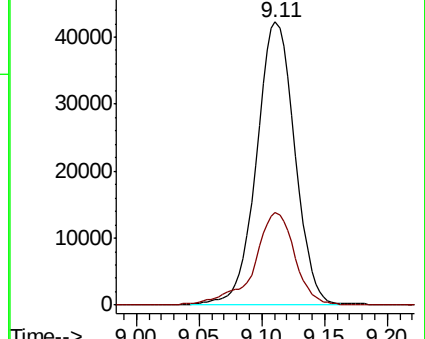
63 100

65 32.6 22.2 33.2



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 19.890 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

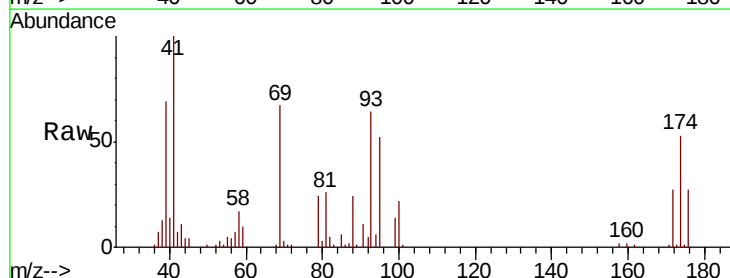
Tgt Ion: 93 Resp: 58003

Ion Ratio Lower Upper

93 100

95 82.4 0.0 168.2

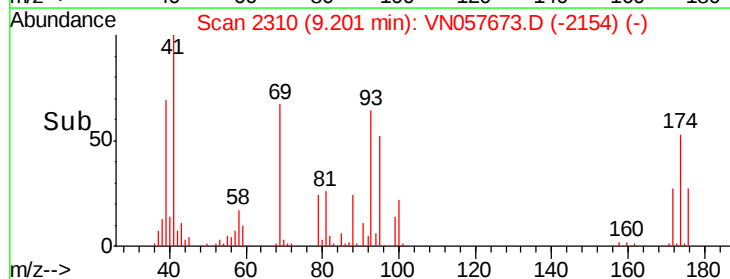
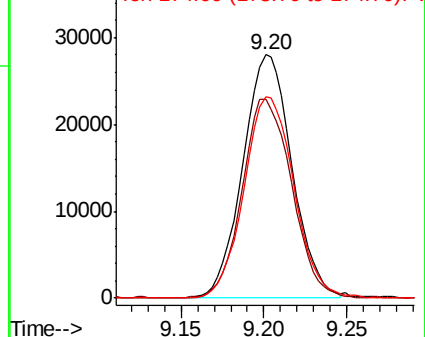
174 84.2 0.0 169.2

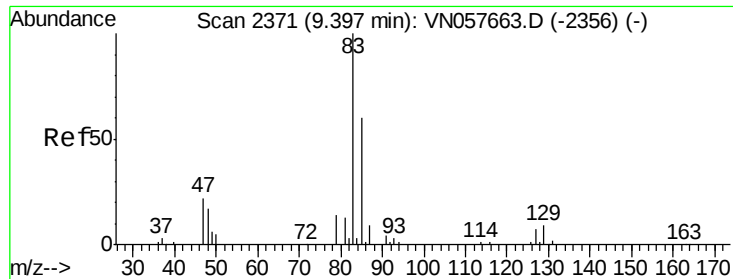


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V

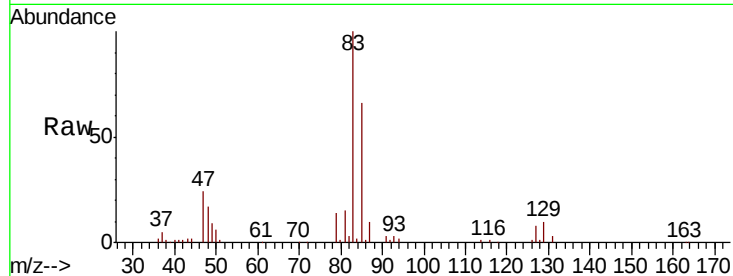




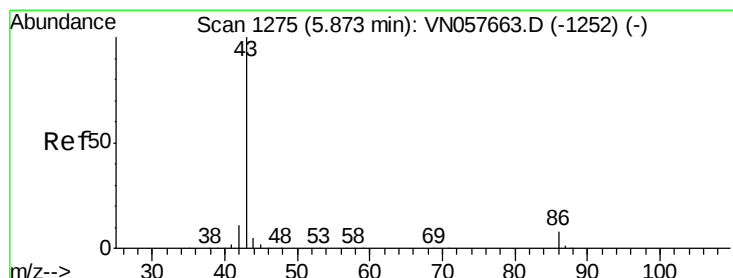
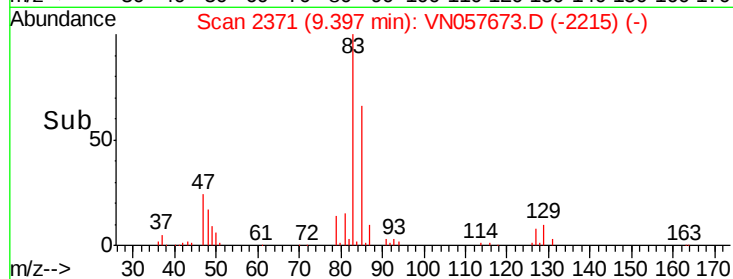
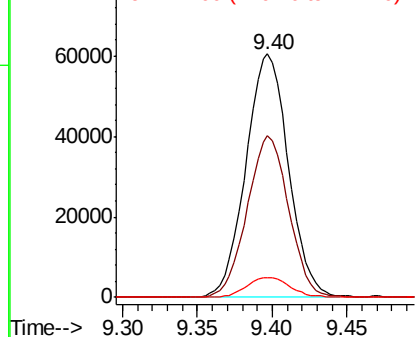
#41
 Bromodichloromethane
 Concen: 19.016 ug/l
 RT: 9.40 min Scan# 2371
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Tgt Ion: 83 Resp: 119858
 Ion Ratio Lower Upper
 83 100
 85 66.2 48.2 72.4
 127 7.8 5.3 7.9

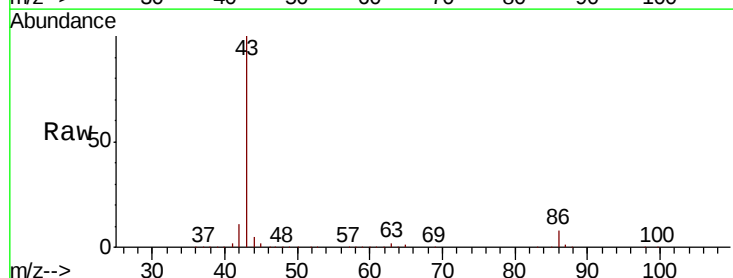


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 85.00 (84.70 to 85.70): VN0
 Ion 127.00 (126.70 to 127.70): VN0

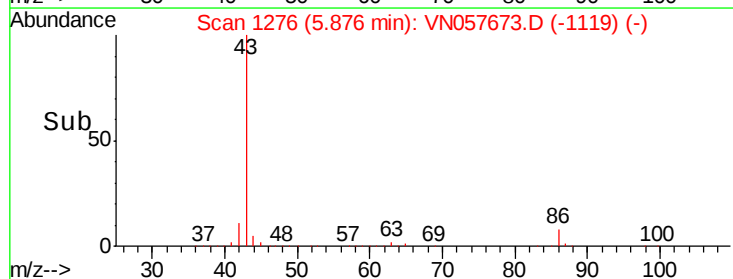
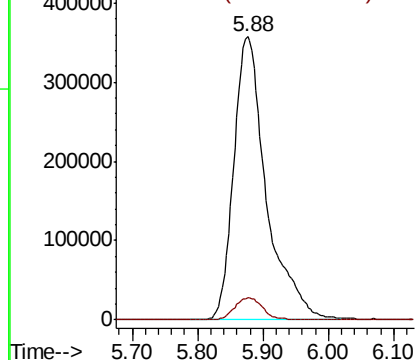


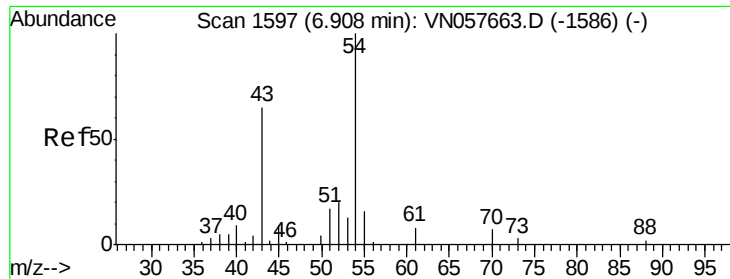
#42
 Vinyl Acetate
 Concen: 104.160 ug/l
 RT: 5.88 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion: 43 Resp: 1238599
 Ion Ratio Lower Upper
 43 100
 86 6.8 5.4 8.2



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 20.538 ug/l

RT: 6.91 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

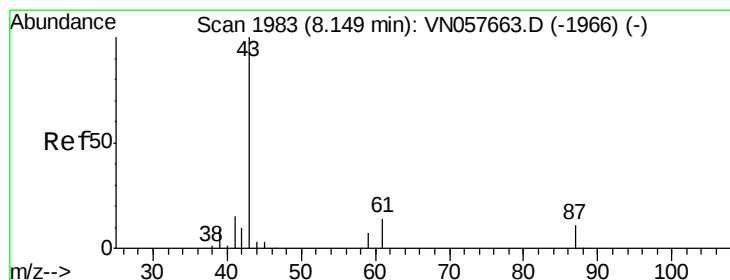
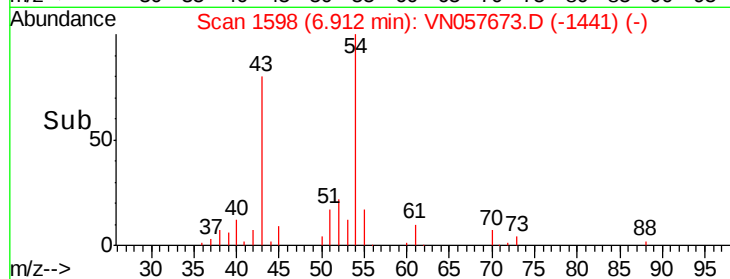
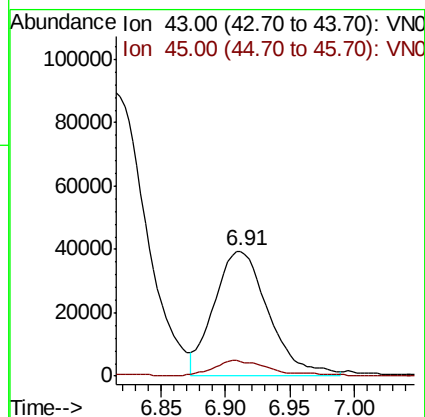
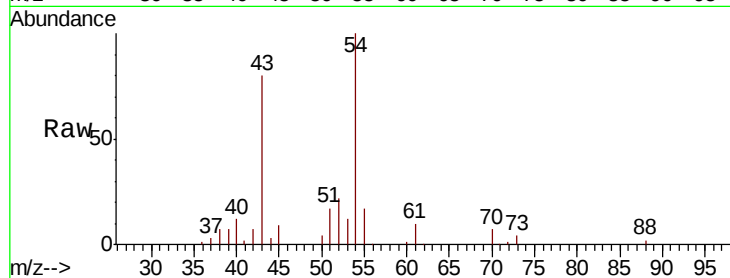
VN0903WBSD01

Tgt Ion: 43 Resp: 114420

Ion Ratio Lower Upper

43 100

45 11.7 5.0 7.6#



#44

Isopropyl Acetate

Concen: 19.609 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057673.D

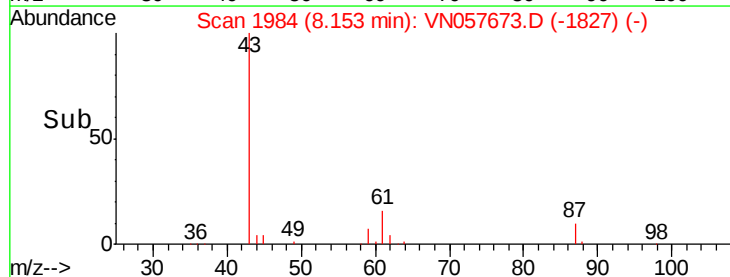
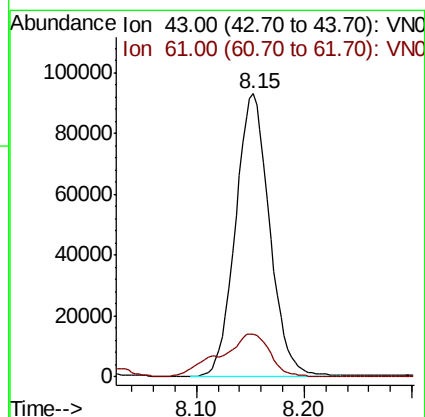
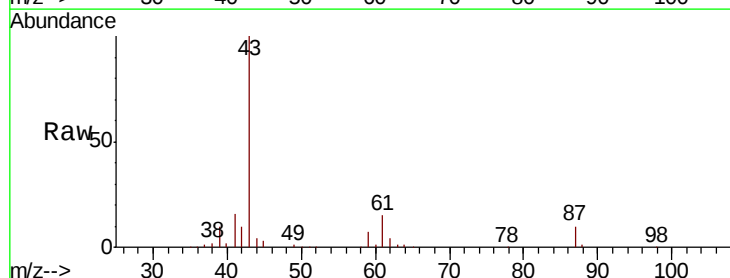
Acq: 3 Sep 2019 19:42

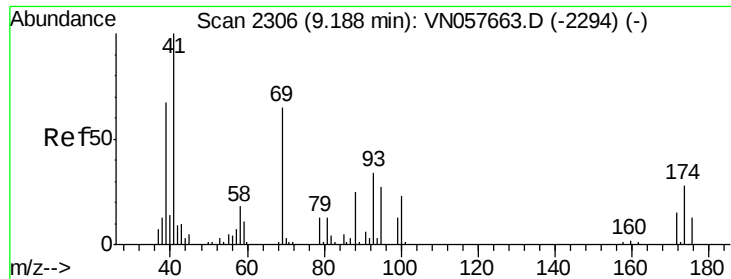
Tgt Ion: 43 Resp: 204238

Ion Ratio Lower Upper

43 100

61 16.7 12.6 18.8

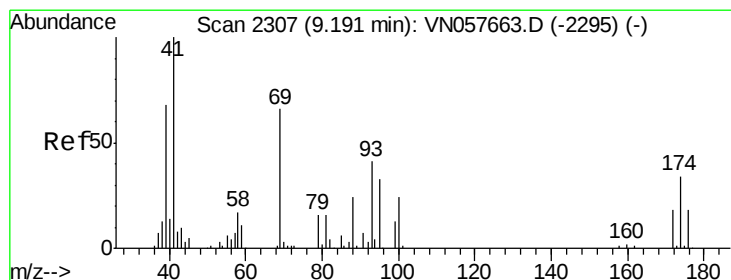
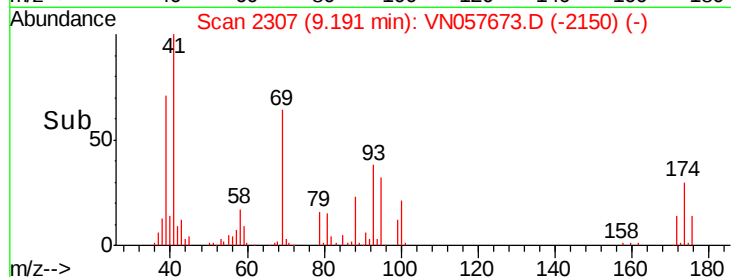
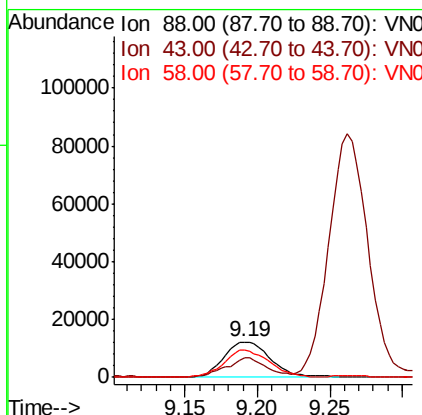
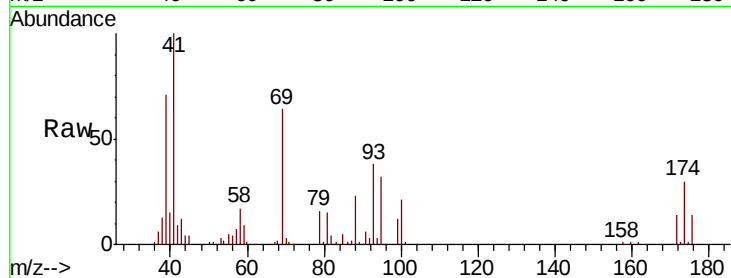




#45
 1,4-Dioxane
 Concen: 413.306 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

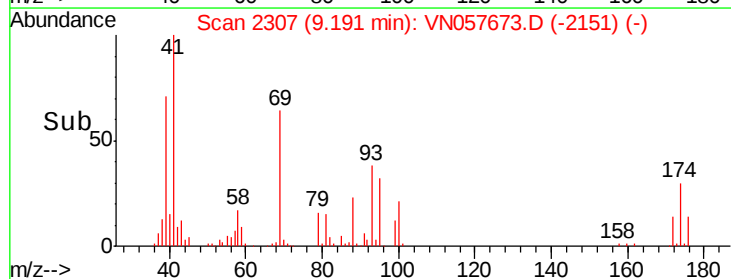
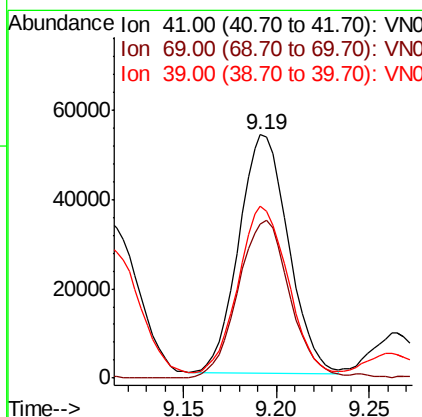
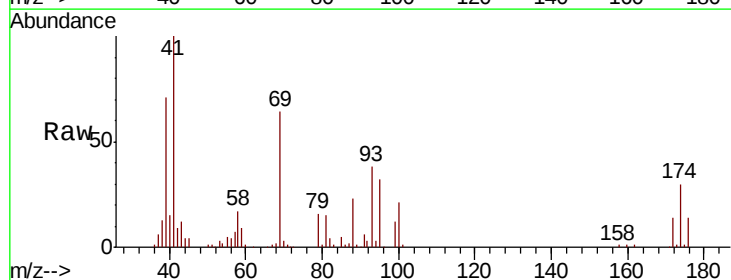
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

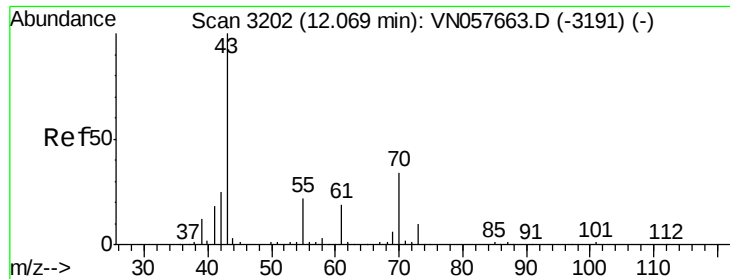
Tgt Ion: 88 Resp: 27634
 Ion Ratio Lower Upper
 88 100
 43 47.7 31.0 46.4#
 58 74.9 58.2 87.2



#46
 Methyl methacrylate
 Concen: 19.542 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion: 41 Resp: 98765
 Ion Ratio Lower Upper
 41 100
 69 65.1 33.1 99.2
 39 70.3 34.0 102.0

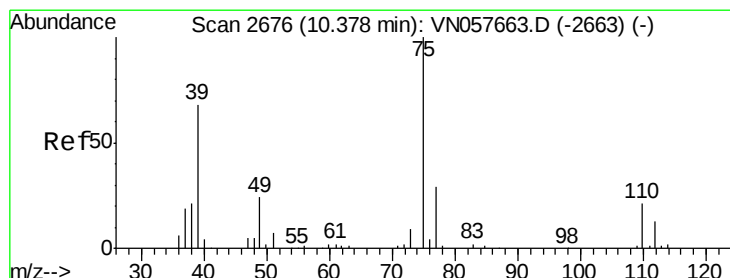
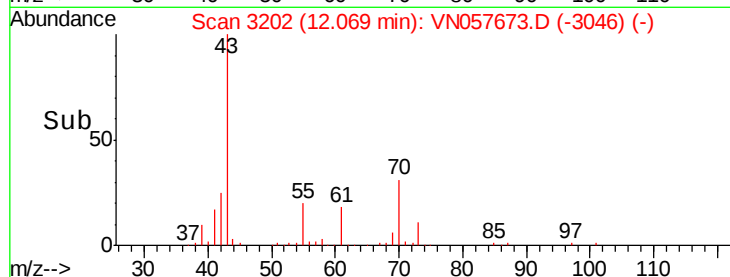
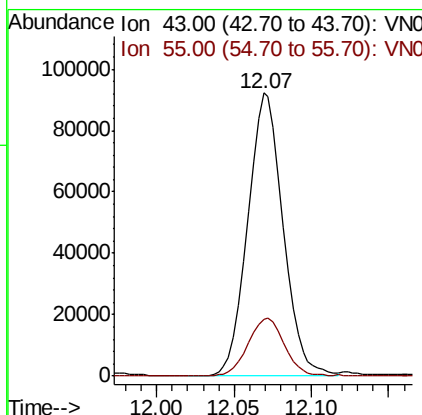
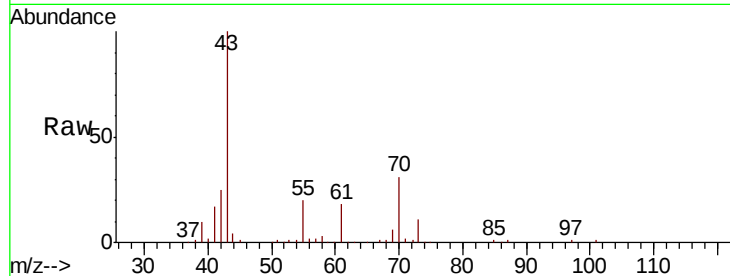




#47
n-amyl Acetate
Concen: 18.102 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

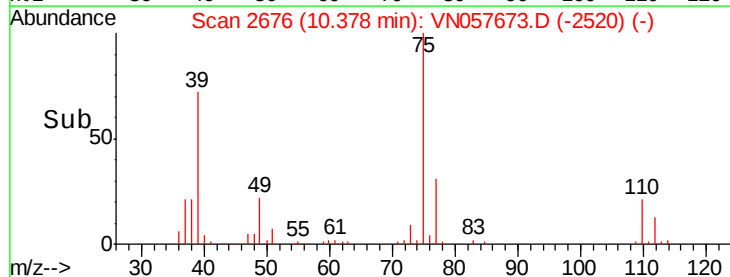
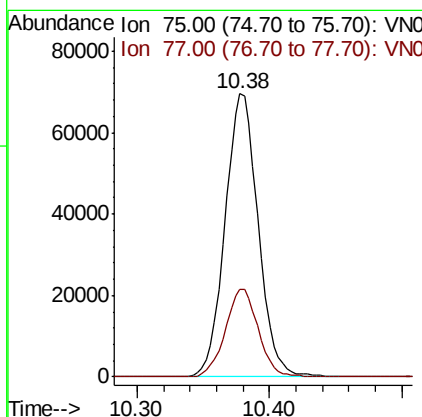
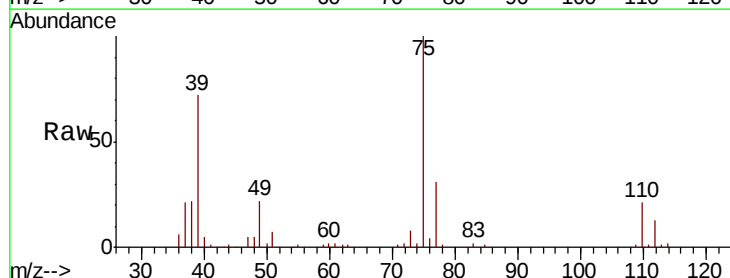
Instrument :
MSVOA_N
ClientSampled :
VN0903WBSD01

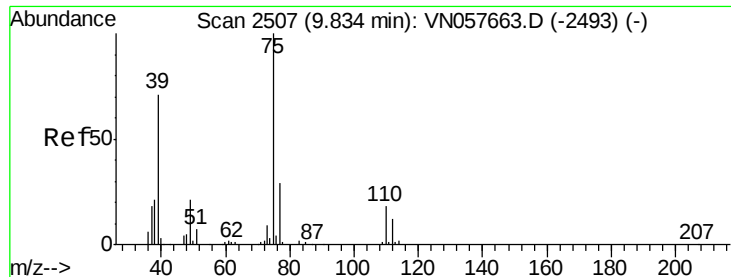
Tgt Ion: 43 Resp: 146216
Ion Ratio Lower Upper
43 100
55 21.3 17.5 26.3



#48
t-1,3-Dichloropropene
Concen: 18.231 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion: 75 Resp: 120535
Ion Ratio Lower Upper
75 100
77 31.1 23.1 34.7





#49

cis-1,3-Dichloropropene

Concen: 18.971 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBSD01

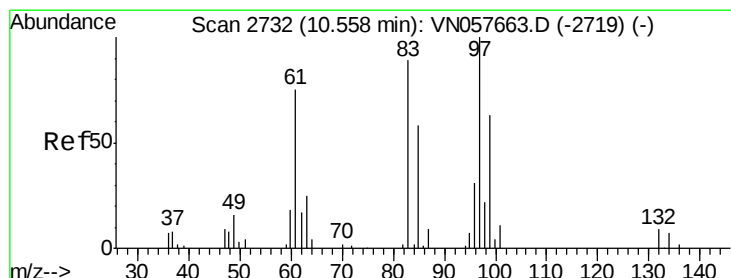
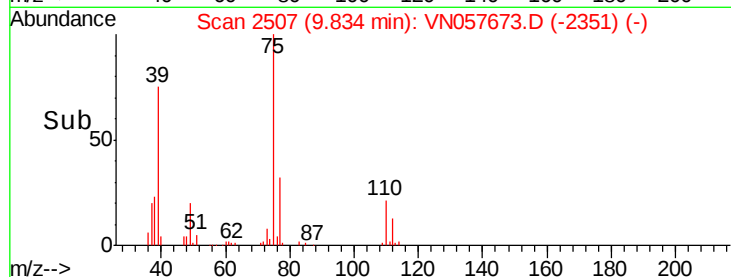
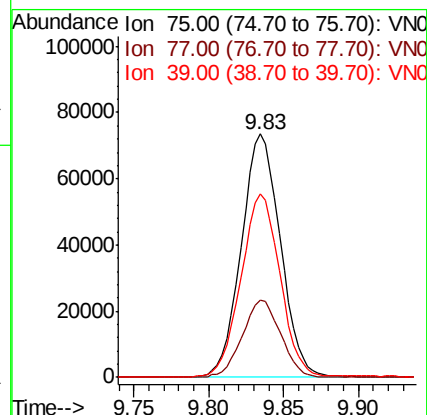
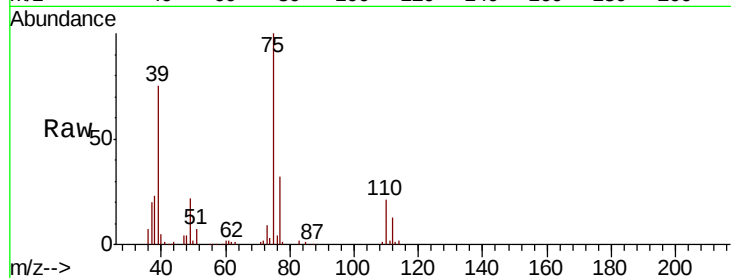
Tgt Ion: 75 Resp: 133818

Ion Ratio Lower Upper

75 100

77 32.0 23.4 35.2

39 75.1 56.6 85.0



#50

1,1,2-Trichloroethane

Concen: 20.023 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Tgt Ion: 97 Resp: 78752

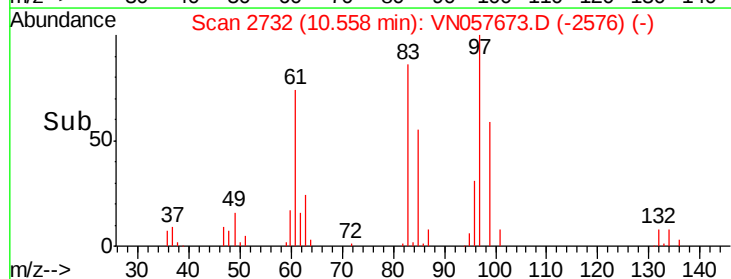
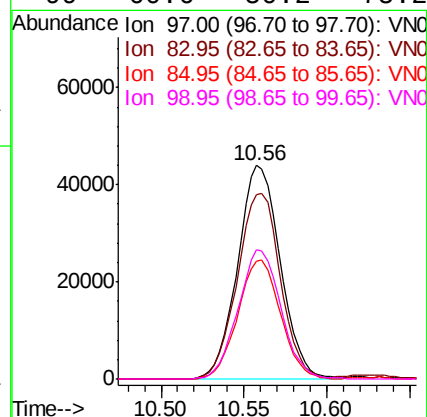
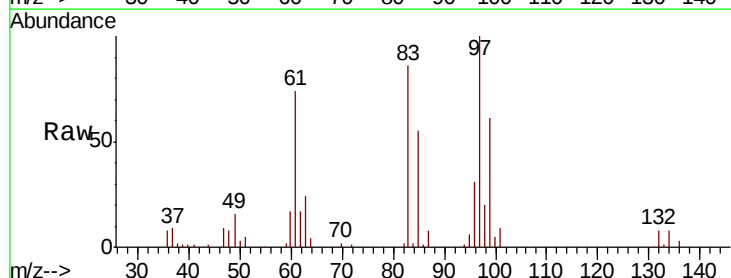
Ion Ratio Lower Upper

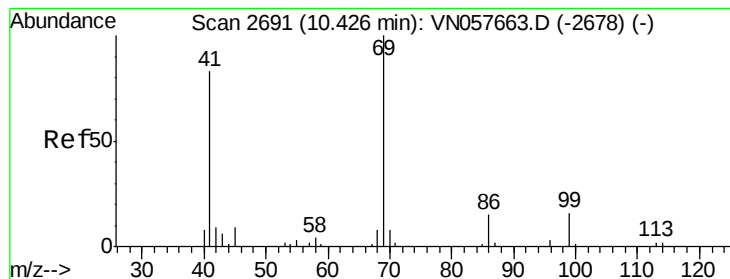
97 100

83 86.2 71.4 107.2

85 55.4 46.0 69.0

99 60.6 50.2 75.2





#51

Ethyl methacrylate

Concen: 18.827 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBSD01

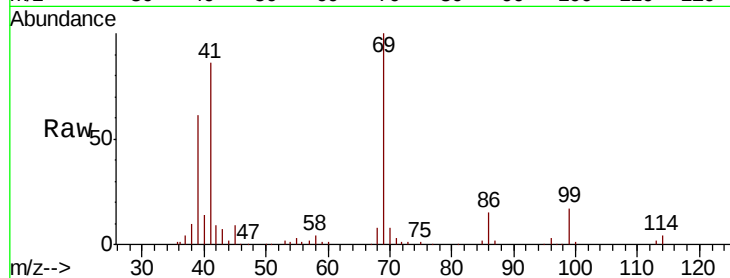
Tgt Ion: 69 Resp: 120709

Ion Ratio Lower Upper

69 100

41 85.7 41.5 124.5

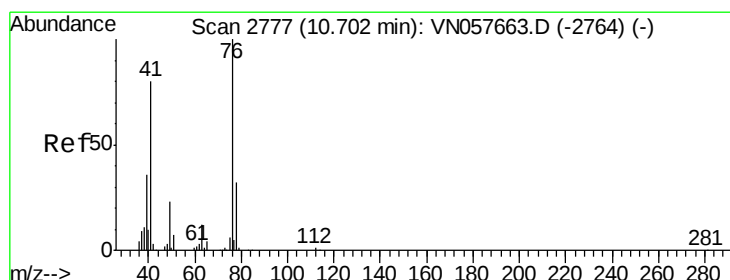
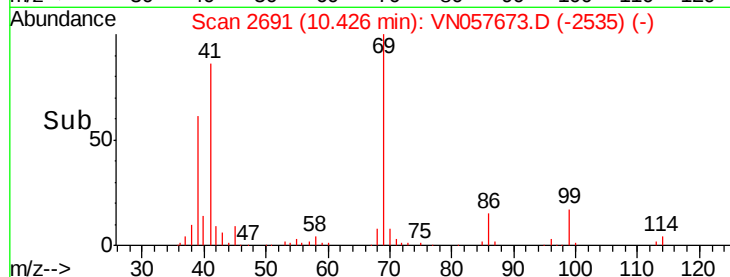
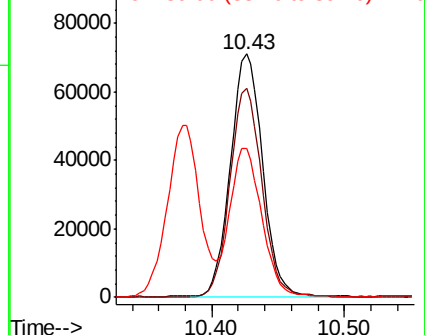
39 61.0 29.6 88.9



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 19.796 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057673.D

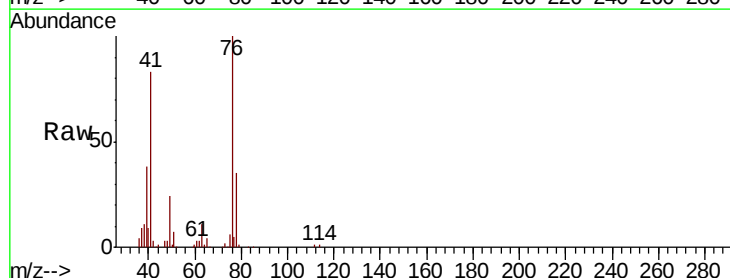
Acq: 3 Sep 2019 19:42

Tgt Ion: 76 Resp: 138582

Ion Ratio Lower Upper

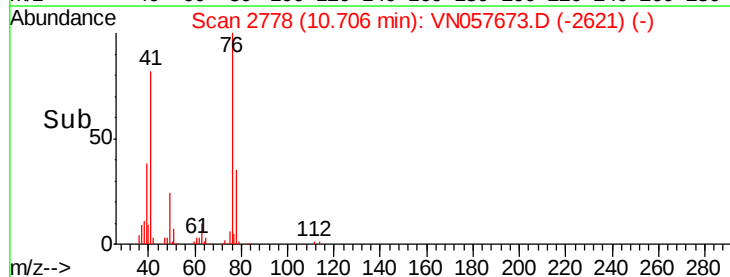
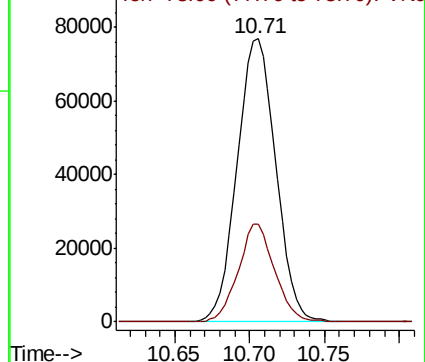
76 100

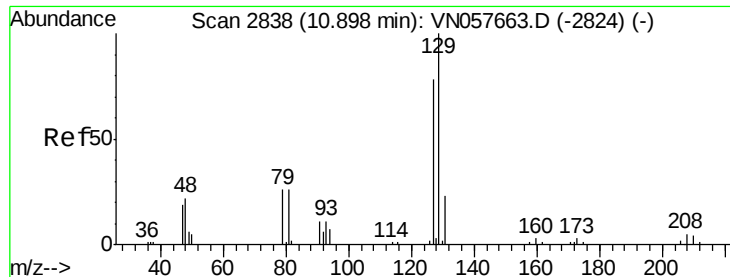
78 32.4 0.0 63.8



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

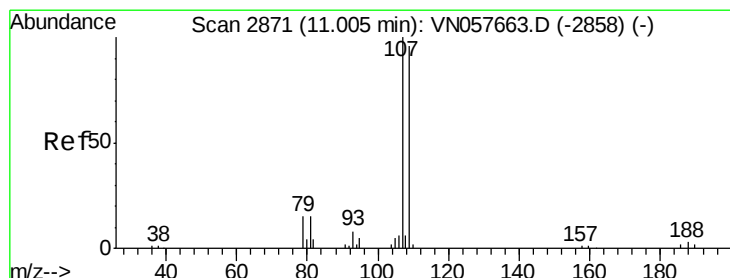
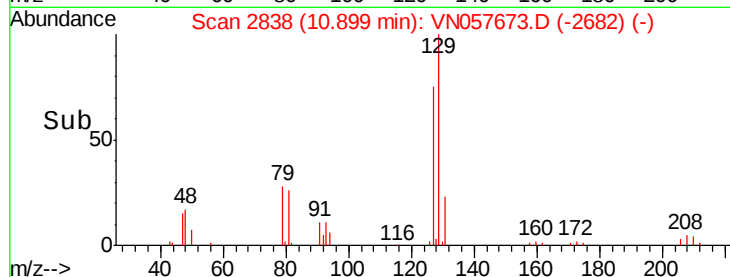
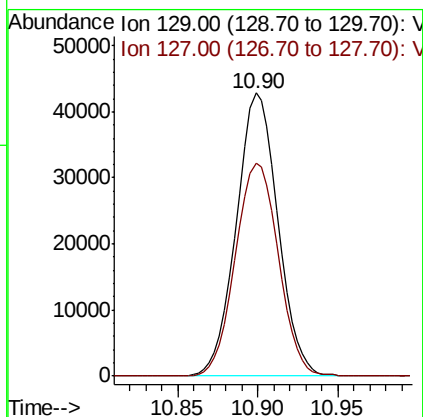
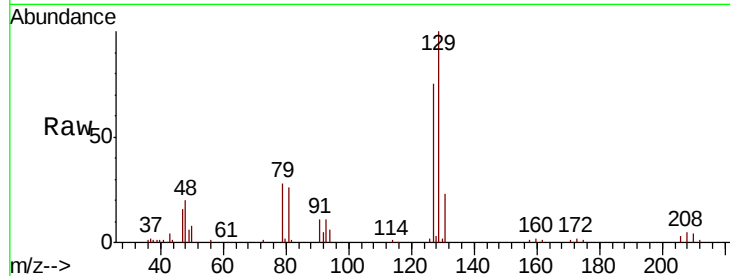




#53
 Dibromochloromethane
 Concen: 18.503 ug/l
 RT: 10.90 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

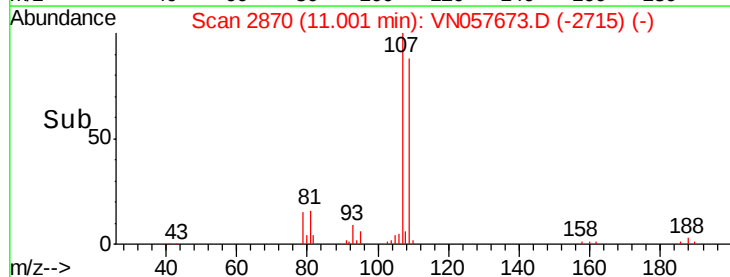
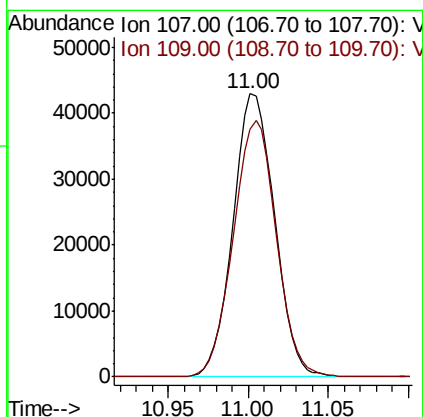
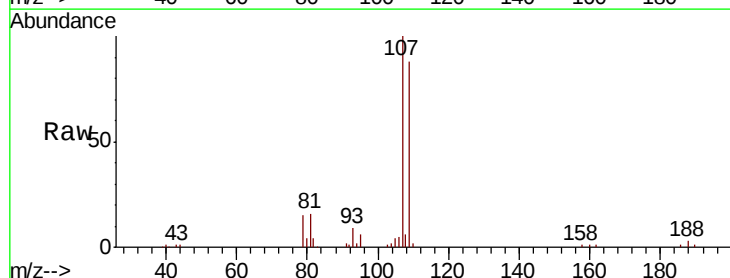
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

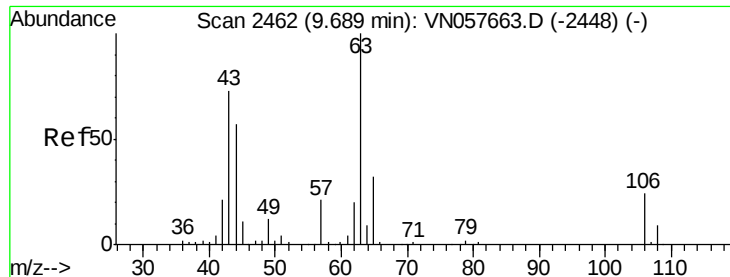
Tgt Ion:129 Resp: 75954
 Ion Ratio Lower Upper
 129 100
 127 78.0 39.1 117.3



#54
 1,2-Dibromoethane
 Concen: 19.398 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion:107 Resp: 76264
 Ion Ratio Lower Upper
 107 100
 109 93.4 76.2 114.4

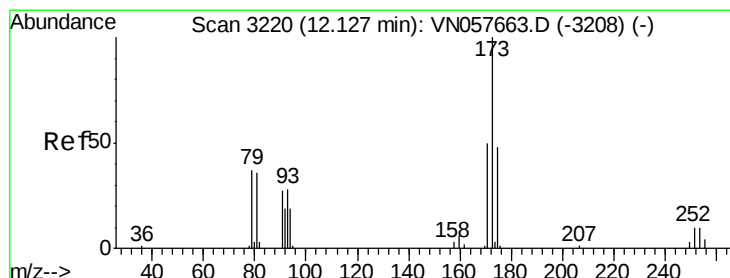
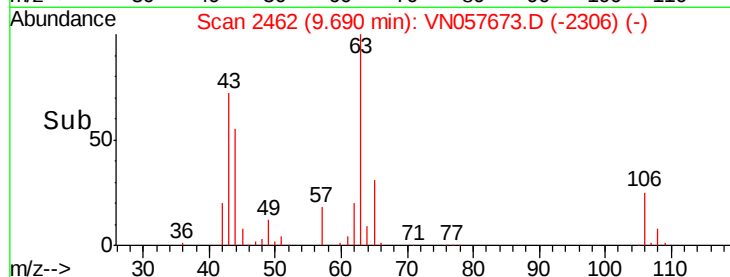
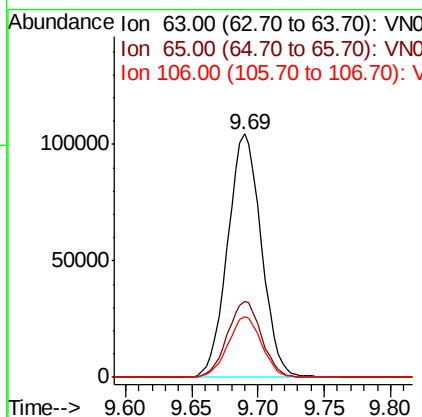
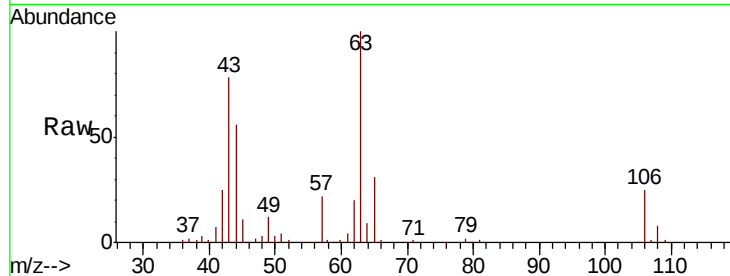




#55
 2-Chloroethyl vinyl ether
 Concen: 91.077 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

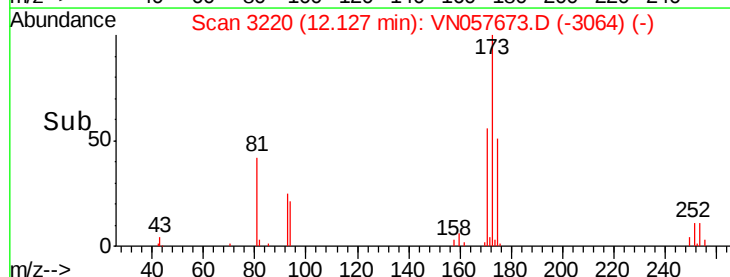
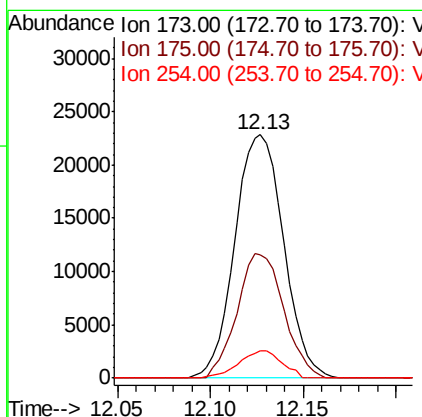
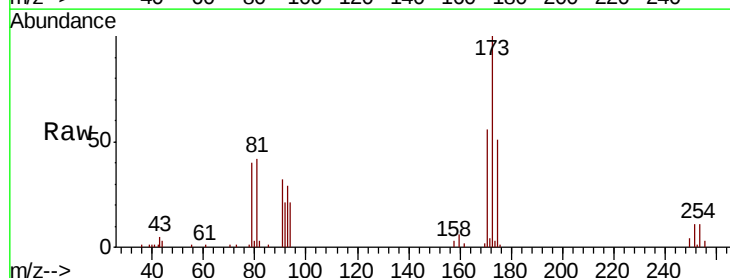
Instrument :
 MSVOA_N
 ClientSampled :
 VN0903WBSD01

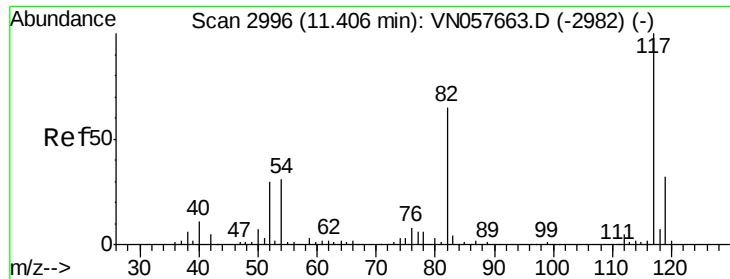
Tgt Ion: 63 Resp: 184502
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.6 38.4
 106 24.8 19.5 29.3



#56
 Bromoform
 Concen: 16.430 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion: 173 Resp: 41821
 Ion Ratio Lower Upper
 173 100
 175 49.0 38.8 58.2
 254 10.0 7.2 10.8

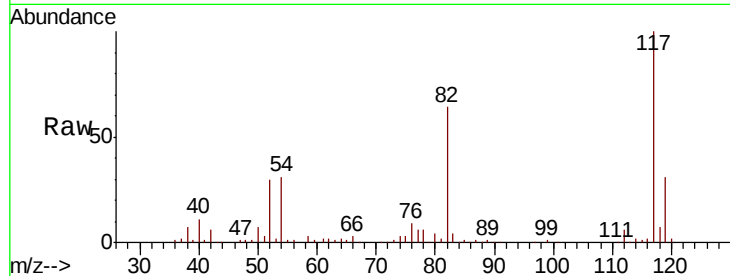




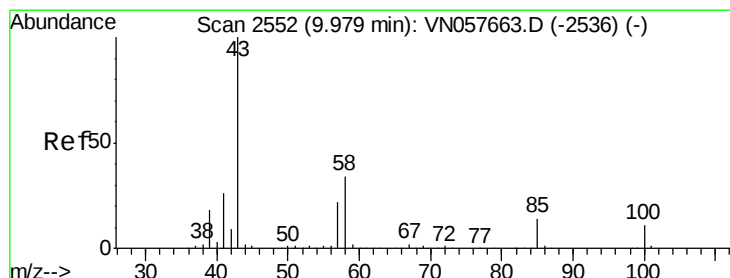
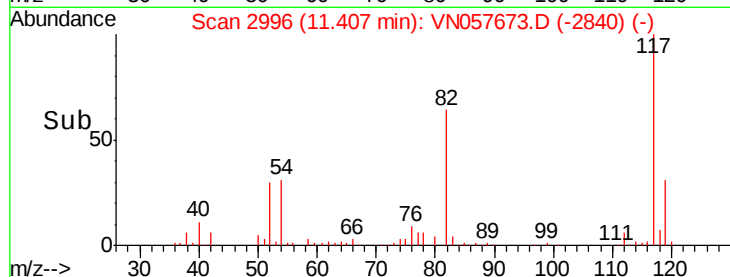
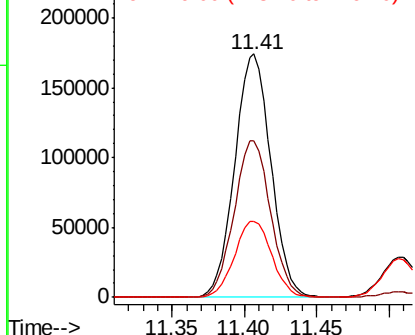
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tgt Ion: 117 Resp: 302054
Ion Ratio Lower Upper
117 100
82 64.9 51.2 76.8
119 32.3 25.8 38.6

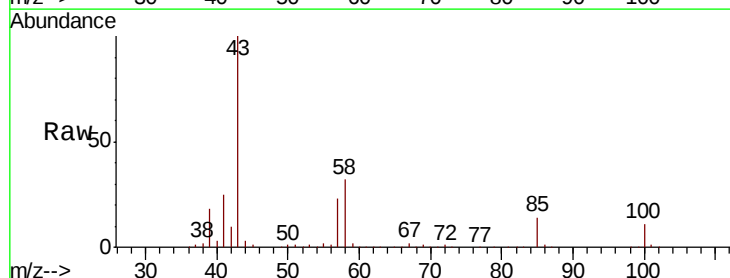


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

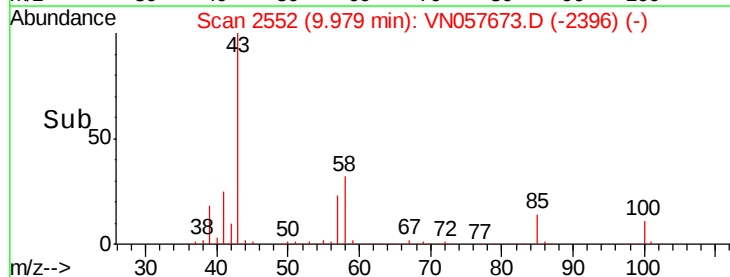
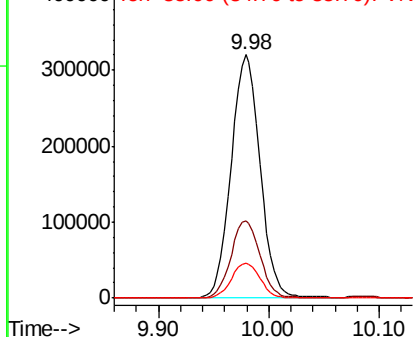


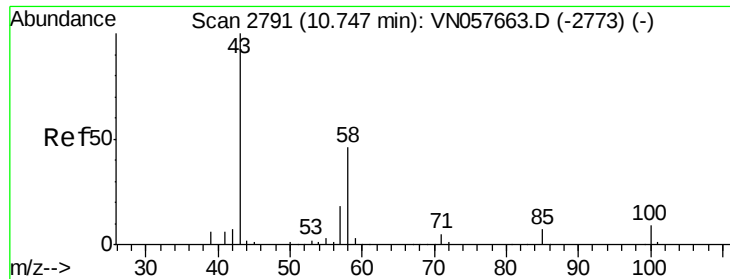
#58
4-Methyl-2-Pentanone
Concen: 109.172 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion: 43 Resp: 582767
Ion Ratio Lower Upper
43 100
58 32.3 26.7 40.1
85 14.3 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V

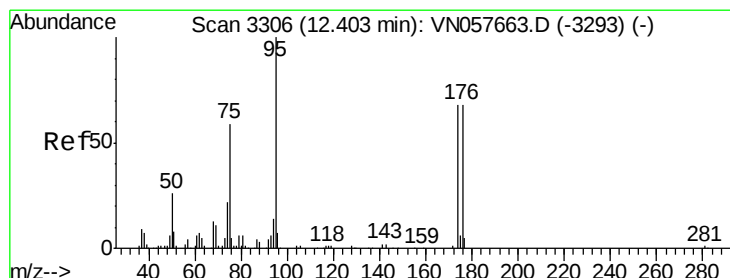
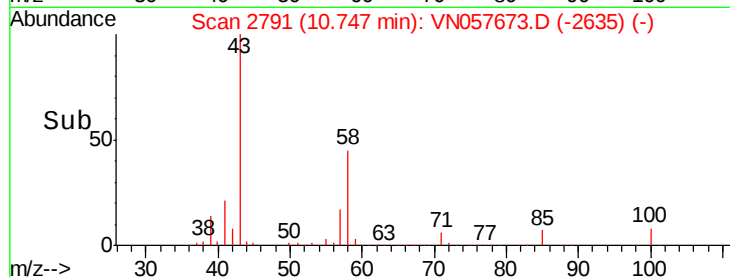
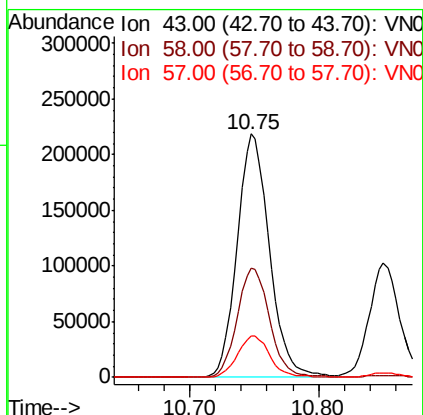
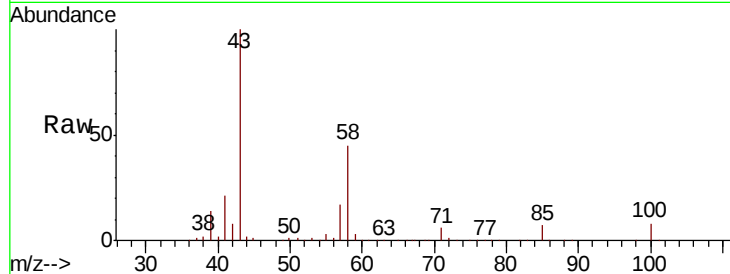




#59
2-Hexanone
Concen: 100.709 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

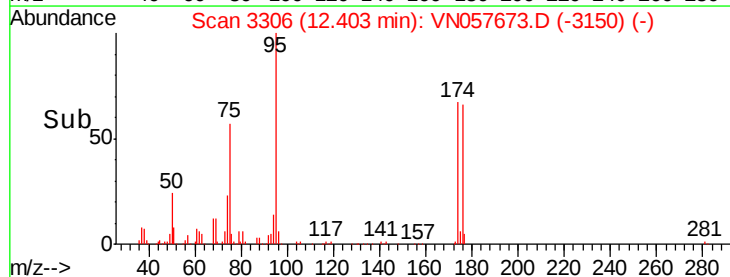
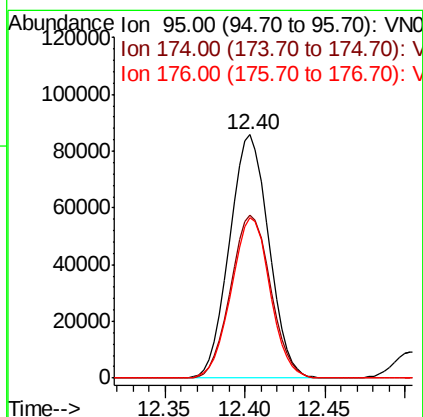
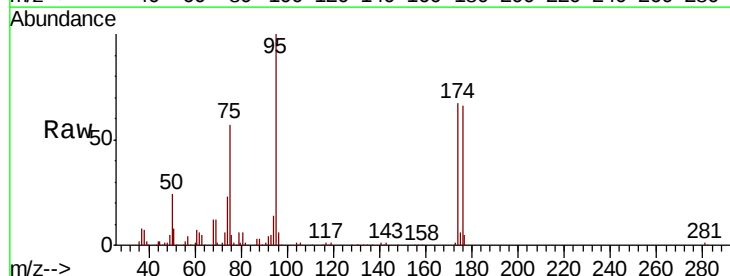
Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

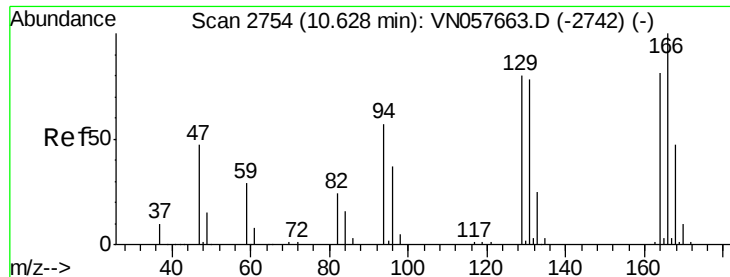
Tgt Ion: 43 Resp: 380421
Ion Ratio Lower Upper
43 100
58 45.4 36.1 54.1
57 17.0 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 27.954 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion: 95 Resp: 144254
Ion Ratio Lower Upper
95 100
174 67.9 55.0 82.6
176 64.9 53.7 80.5





#61

Tetrachloroethene

Concen: 20.972 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBSD01

Tgt Ion:164 Resp: 72739

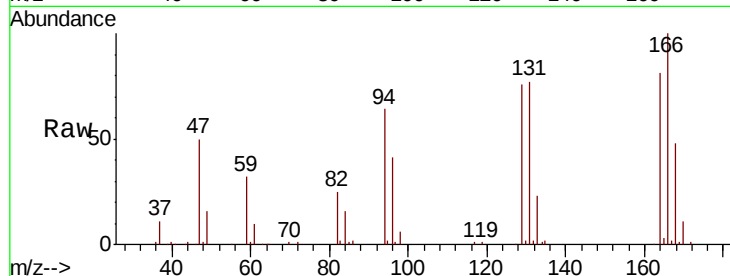
Ion Ratio Lower Upper

164 100

166 124.0 99.4 149.2

129 94.5 78.8 118.2

131 95.1 78.2 117.2

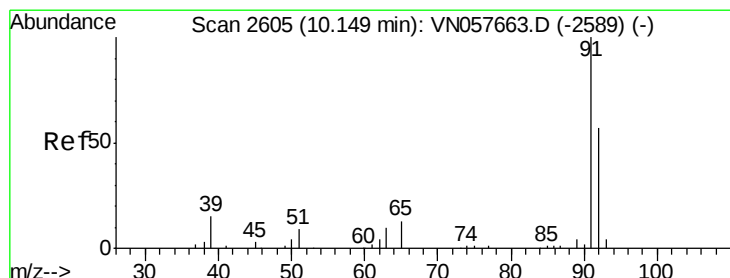
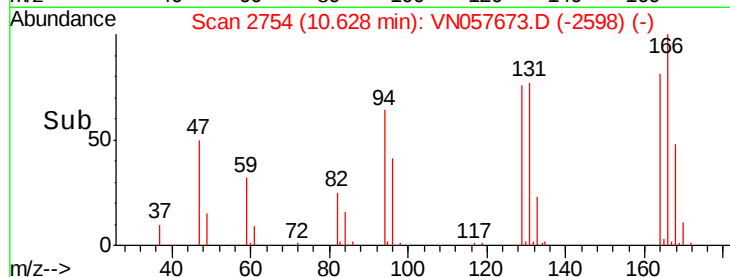
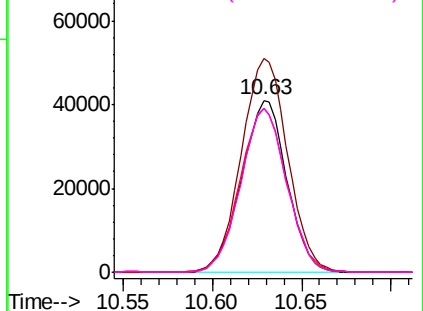


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.899 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057673.D

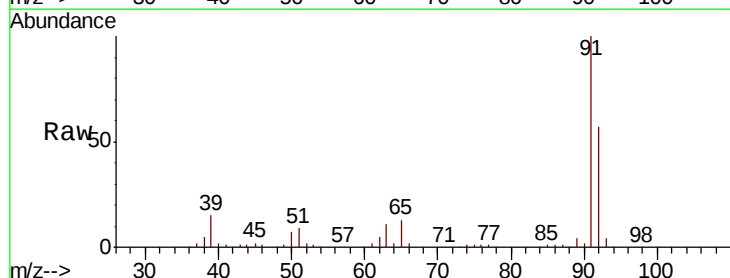
Acq: 3 Sep 2019 19:42

Tgt Ion: 91 Resp: 354427

Ion Ratio Lower Upper

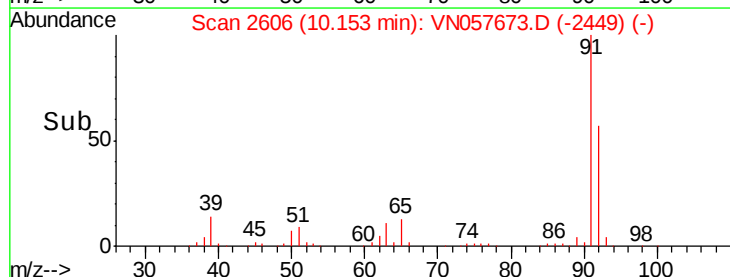
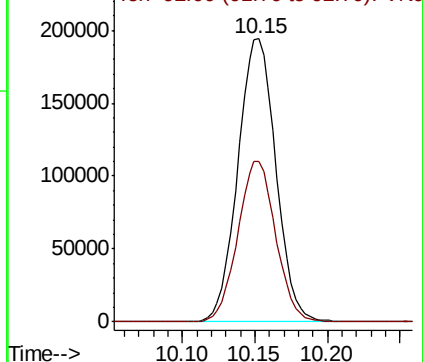
91 100

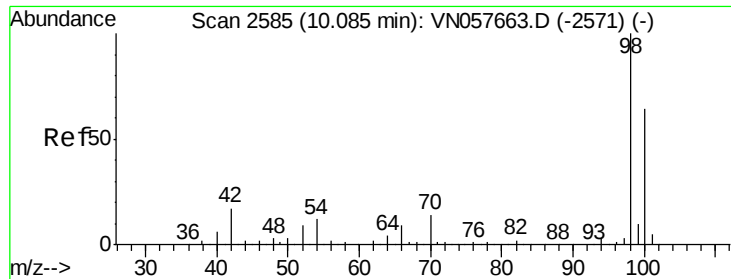
92 56.6 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.993 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampled :

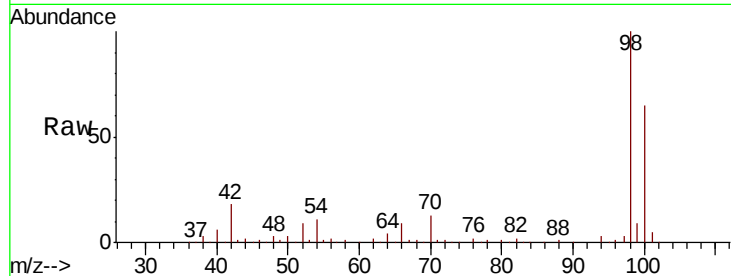
VN0903WBSD01

Tgt Ion: 98 Resp: 450794

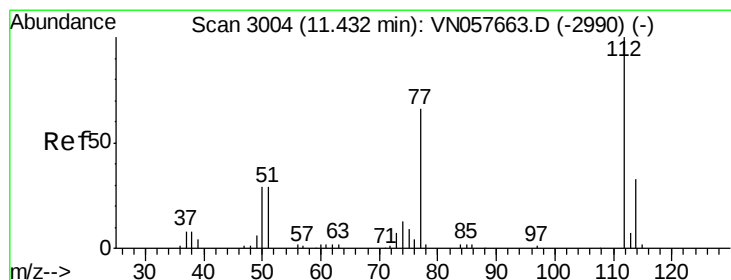
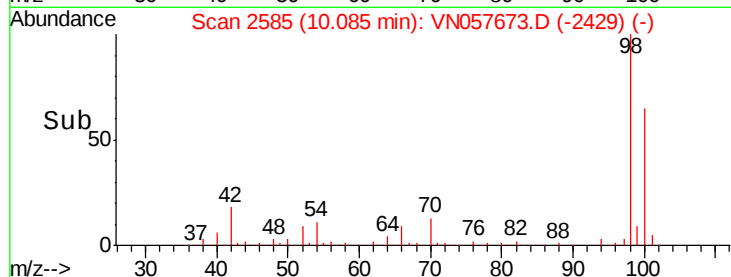
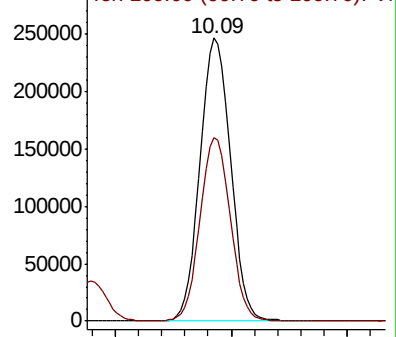
Ion Ratio Lower Upper

98 100

100 63.9 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN057663.D (-2571) (-)



#64

Chlorobenzene

Concen: 19.711 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN057673.D

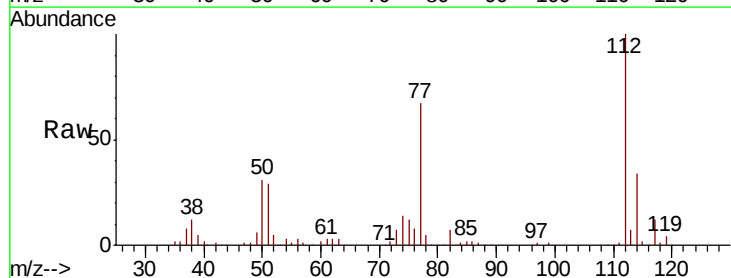
Acq: 3 Sep 2019 19:42

Tgt Ion: 112 Resp: 196292

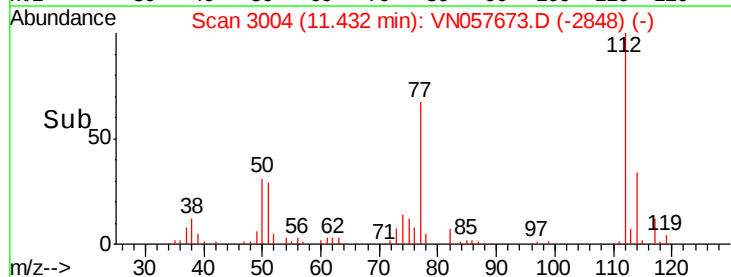
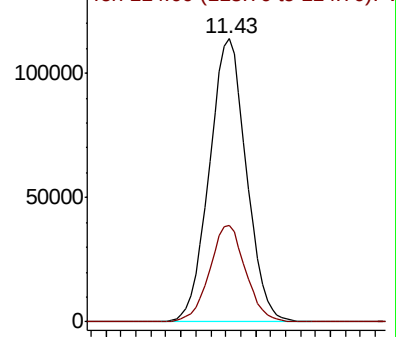
Ion Ratio Lower Upper

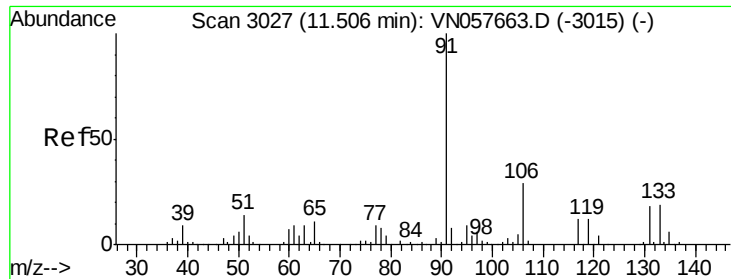
112 100

114 34.2 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): VN057663.D (-2990) (-)

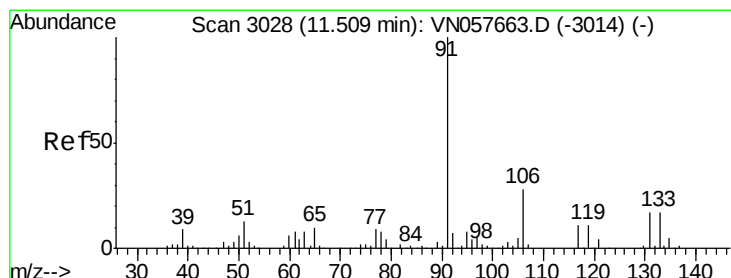
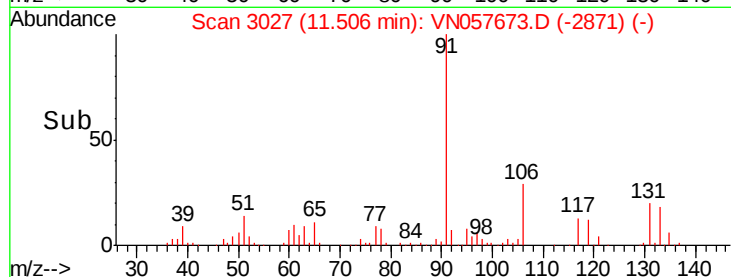
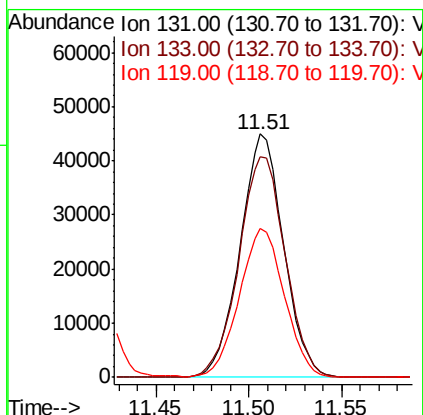
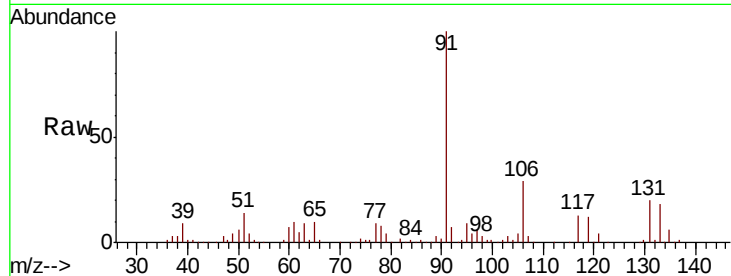




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.092 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

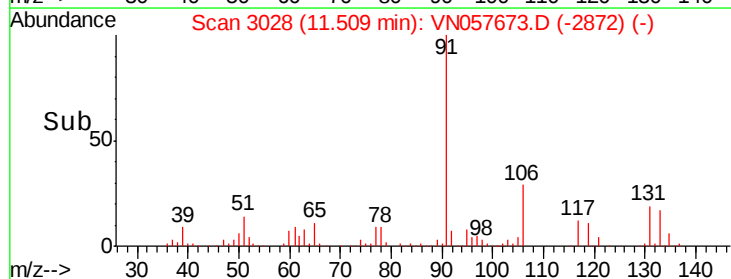
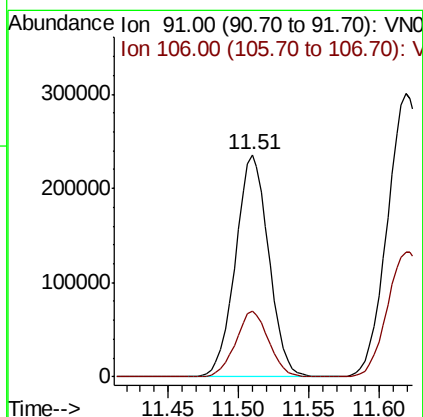
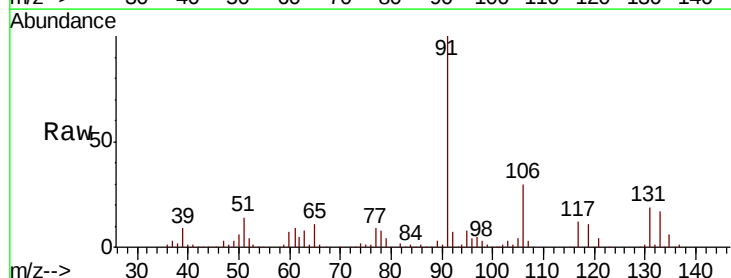
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

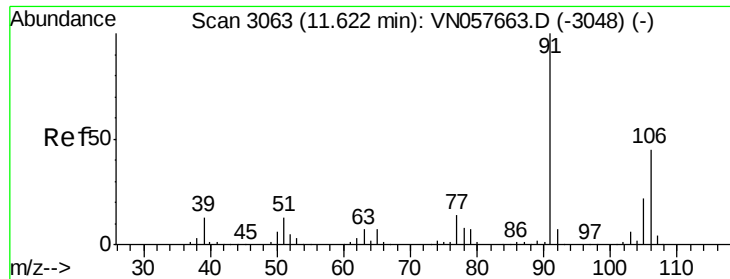
Tgt Ion: 131 Resp: 73301
 Ion Ratio Lower Upper
 131 100
 133 96.1 0.0 198.0
 119 63.4 0.0 129.8



#66
 Ethyl Benzene
 Concen: 20.524 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion: 91 Resp: 389062
 Ion Ratio Lower Upper
 91 100
 106 29.6 22.7 34.1

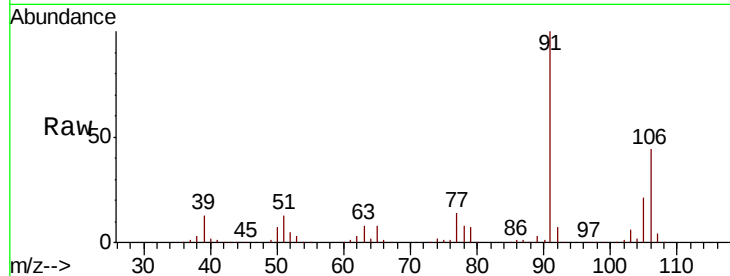




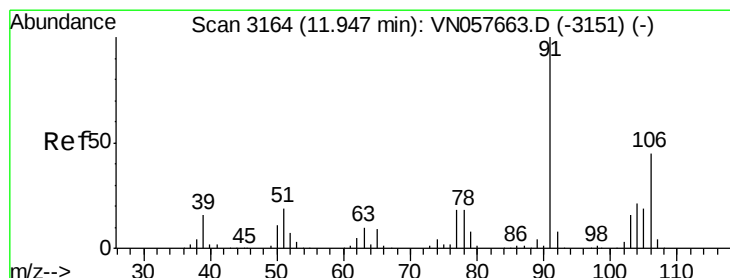
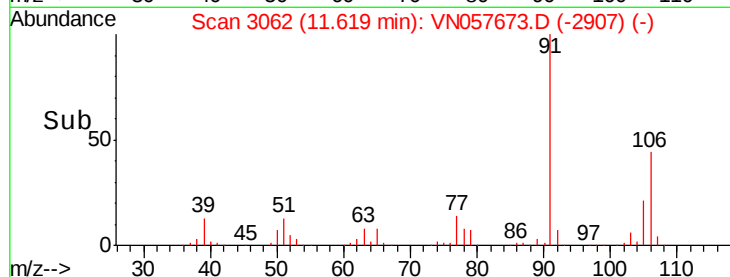
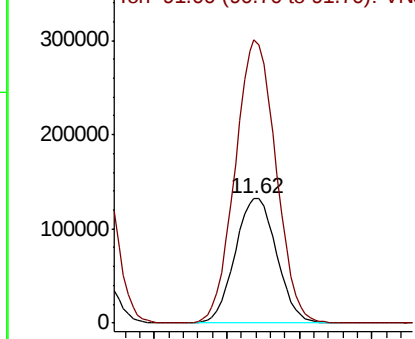
#67
m/p-Xylenes
Concen: 39.533 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tgt Ion:106 Resp: 262838
Ion Ratio Lower Upper
106 100
91 223.2 178.9 268.3

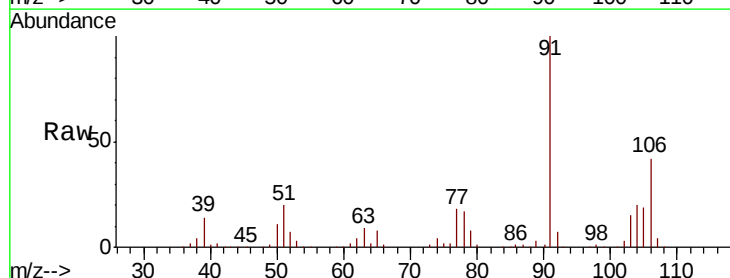


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

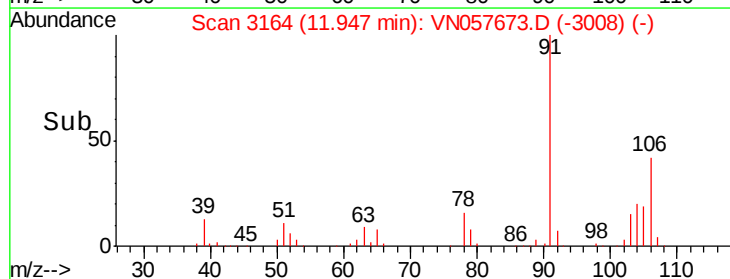
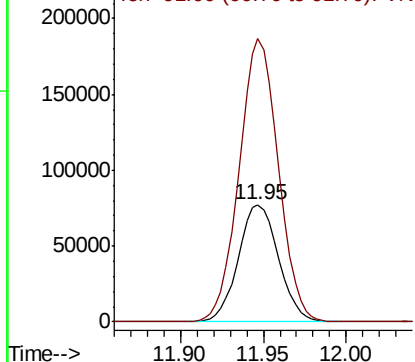


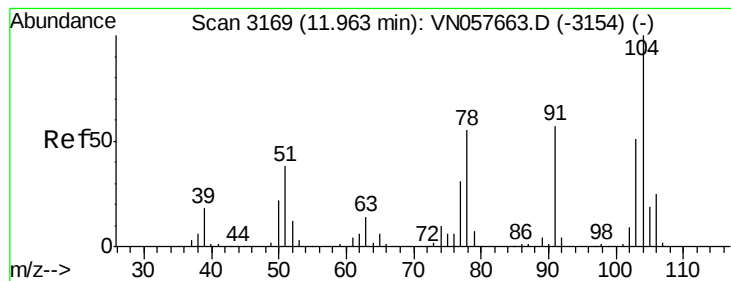
#68
o-Xylene
Concen: 19.712 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion:106 Resp: 130494
Ion Ratio Lower Upper
106 100
91 235.1 114.0 342.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#69

Styrene

Concen: 18.576 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBSD01

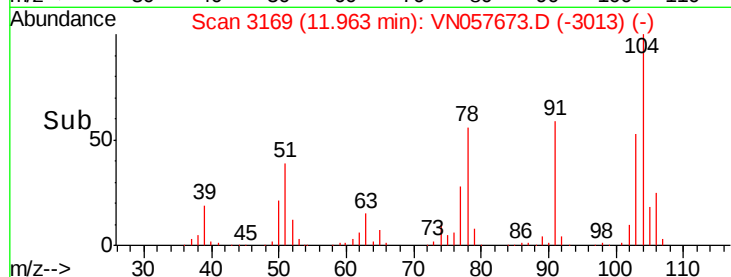
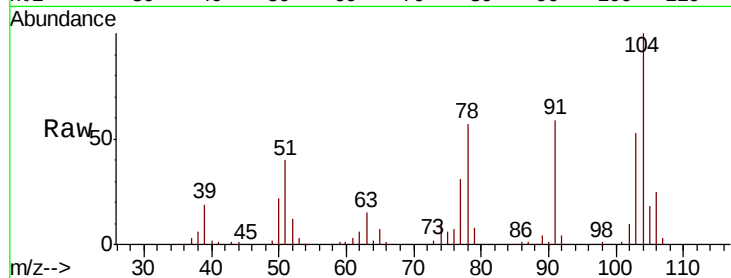
Tgt Ion:104 Resp: 197107

Ion Ratio Lower Upper

104 100

78 62.5 49.0 73.6

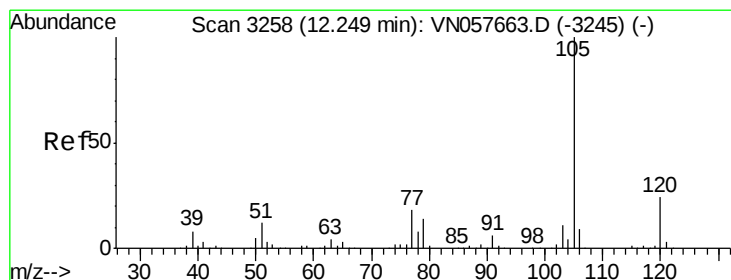
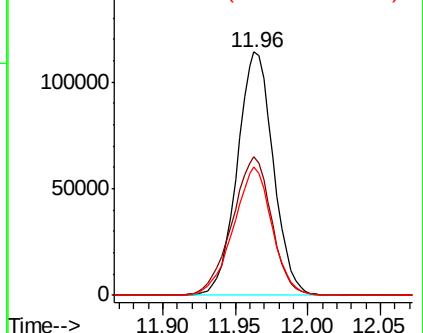
103 56.3 44.9 67.3



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



#70

Isopropylbenzene

Concen: 20.269 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057673.D

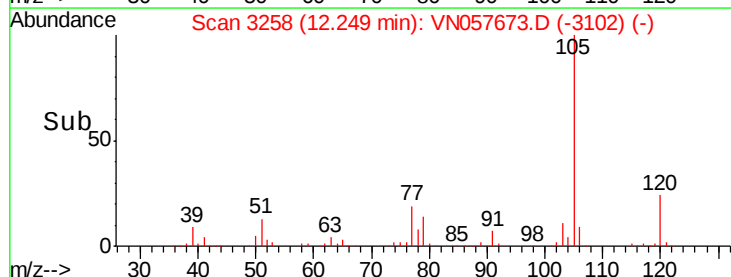
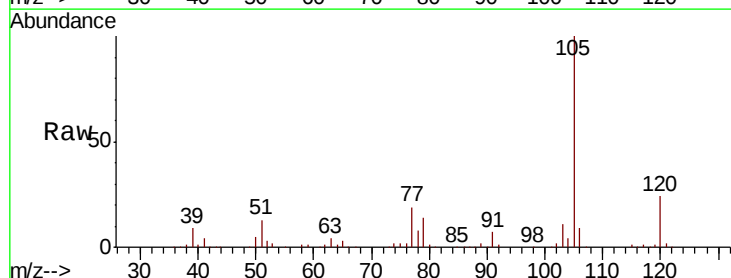
Acq: 3 Sep 2019 19:42

Tgt Ion:105 Resp: 368061

Ion Ratio Lower Upper

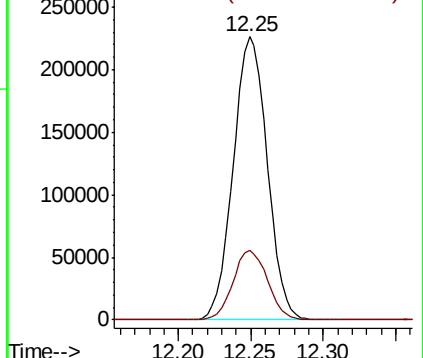
105 100

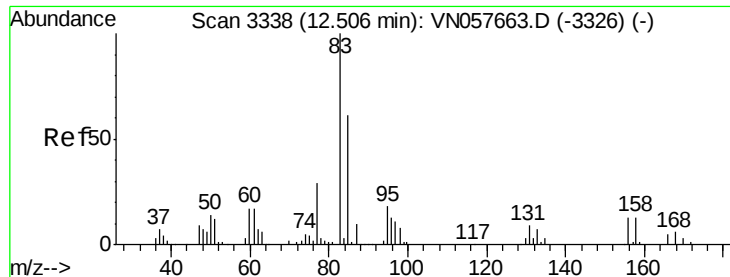
120 24.8 17.2 32.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

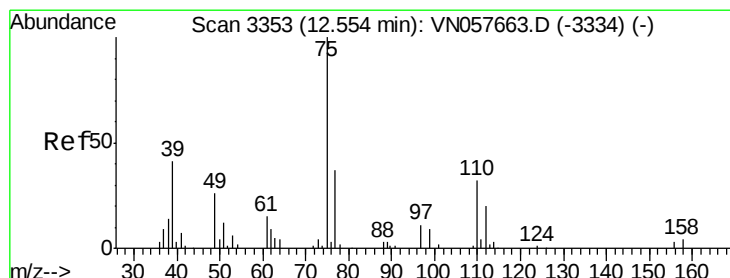
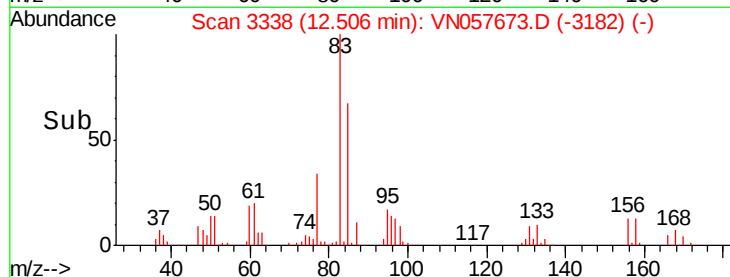
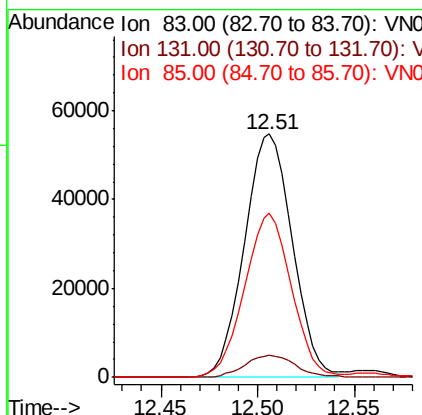
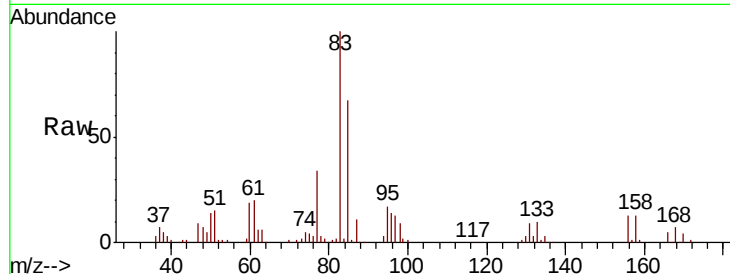




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.765 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

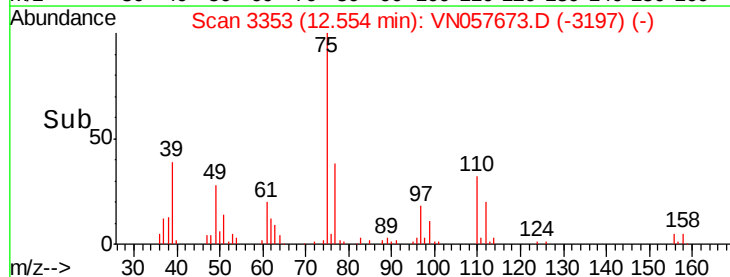
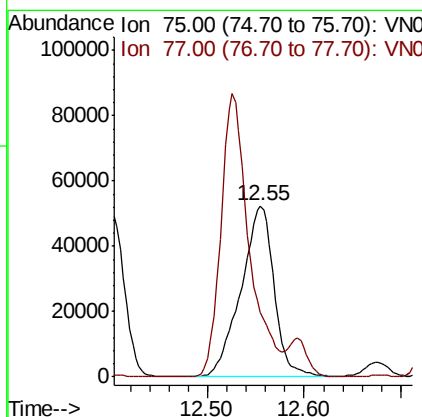
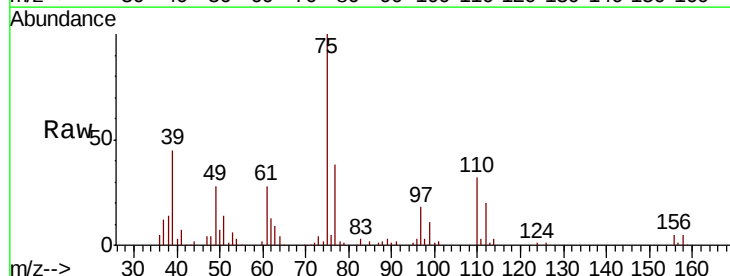
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

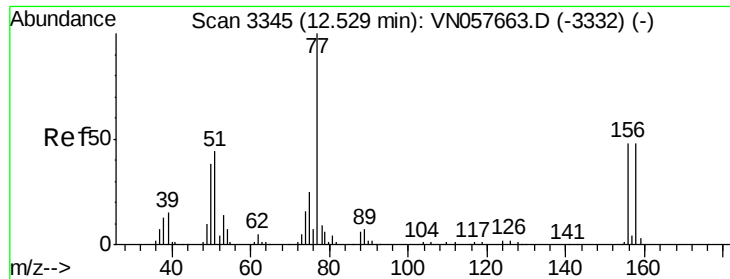
Tgt Ion: 83 Resp: 94430
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 14.9
 85 65.8 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 27.829 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion: 75 Resp: 125043
 Ion Ratio Lower Upper
 75 100
 77 141.4 0.0 405.6

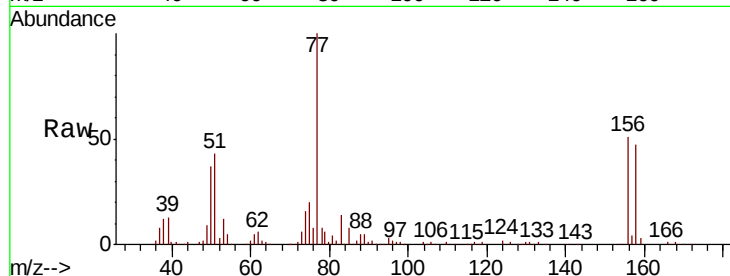




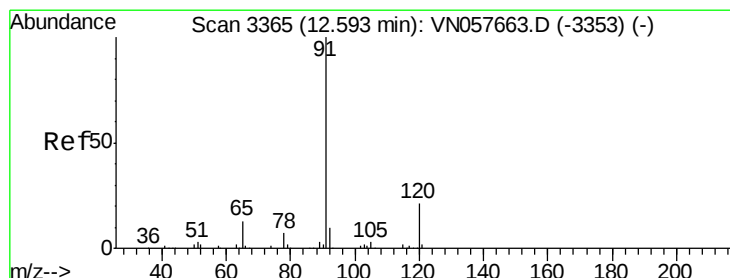
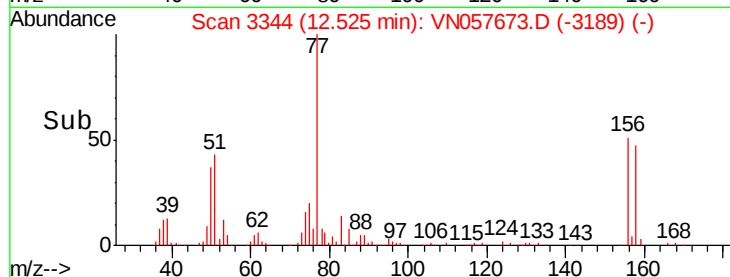
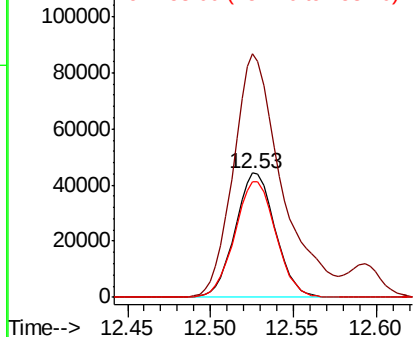
#73
Bromobenzene
Concen: 19.343 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampled :
VN0903WBSD01

Tgt Ion:156 Resp: 74433
Ion Ratio Lower Upper
156 100
77 237.5 0.0 495.6
158 95.3 0.0 197.8

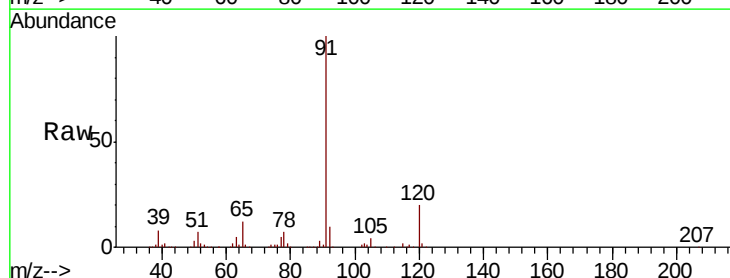


Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VN
Ion 158.00 (157.70 to 158.70): V

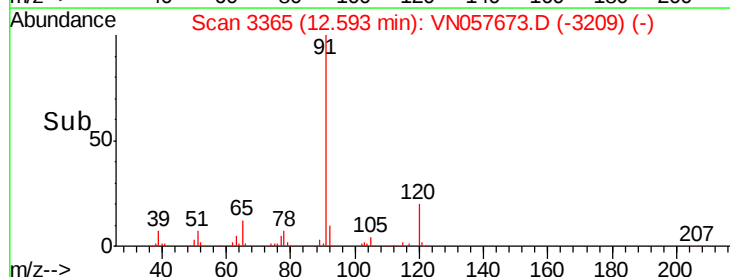
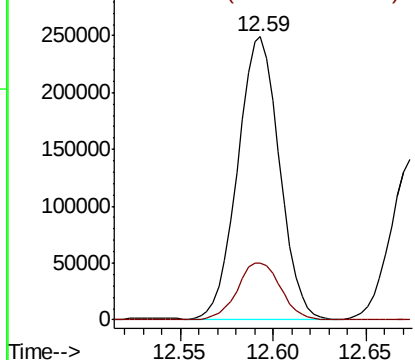


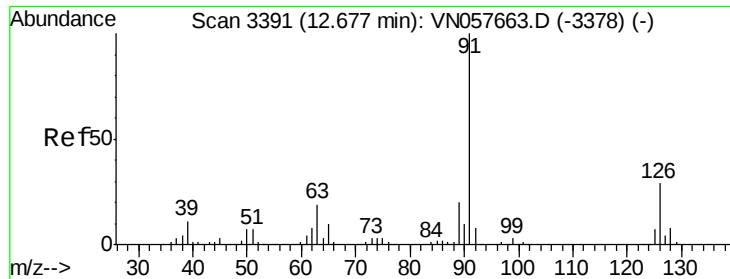
#74
n-propylbenzene
Concen: 19.507 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion: 91 Resp: 392106
Ion Ratio Lower Upper
91 100
120 20.9 0.0 40.4



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.033 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampled :

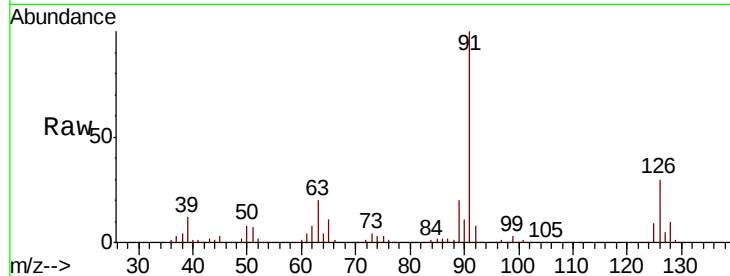
VN0903WBSD01

Tgt Ion: 91 Resp: 239515

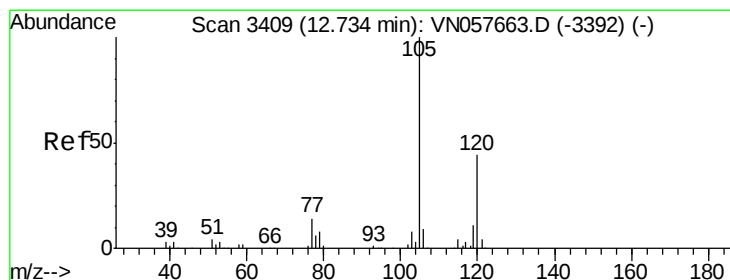
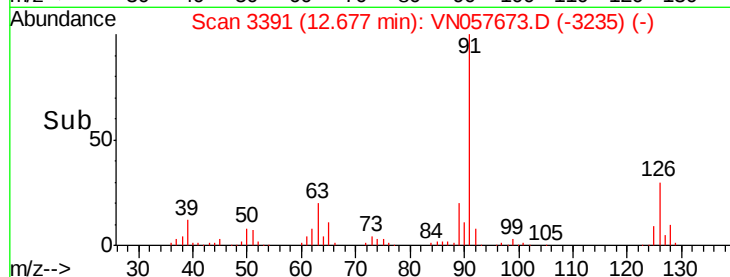
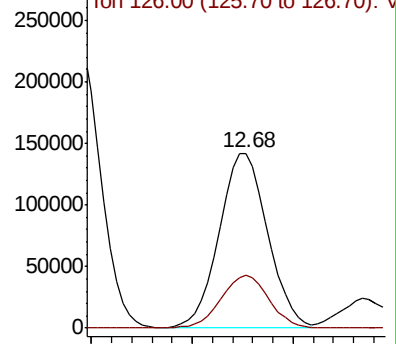
Ion Ratio Lower Upper

91 100

126 29.7 0.0 59.2



Abundance Ion 91.00 (90.70 to 91.70): VN057663.D (-3378) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.255 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057673.D

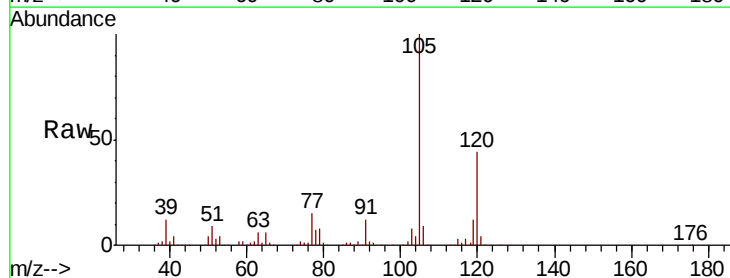
Acq: 3 Sep 2019 19:42

Tgt Ion: 105 Resp: 305335

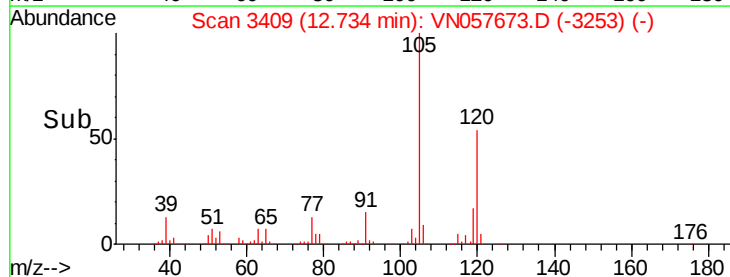
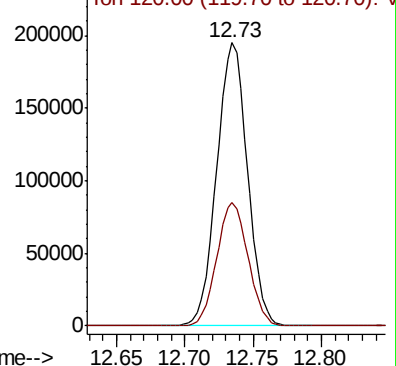
Ion Ratio Lower Upper

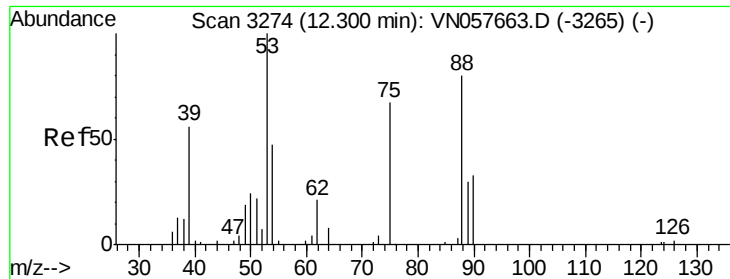
105 100

120 44.1 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): VN057663.D (-3392) (-)

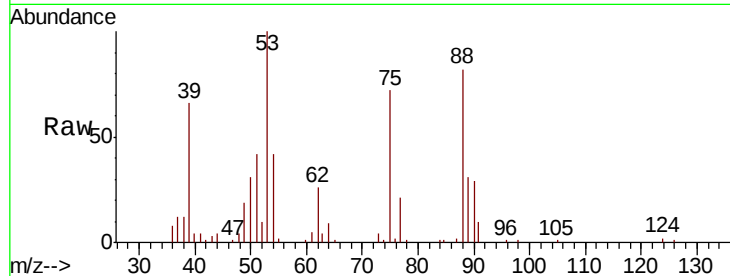




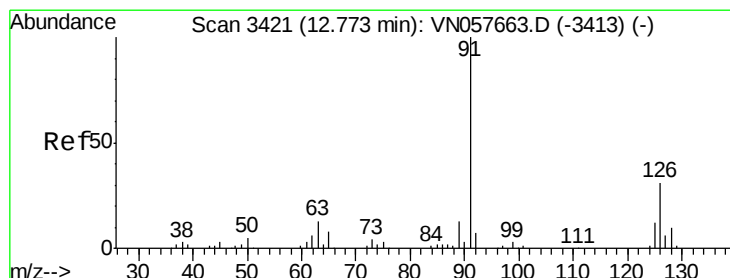
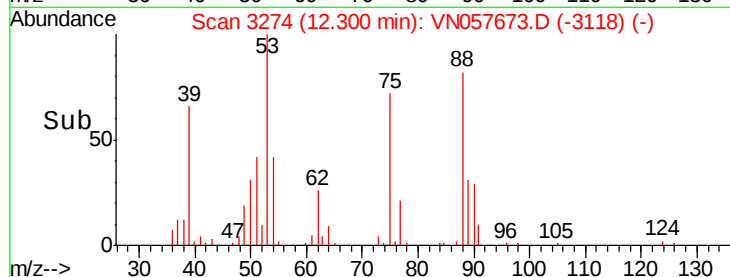
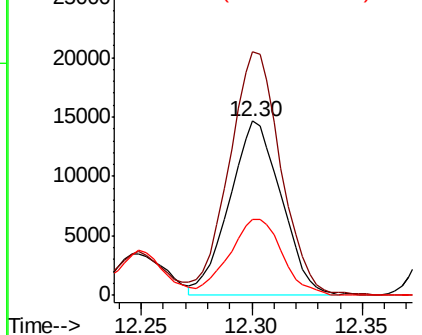
#77
t-1,4-Dichloro-2-butene
Concen: 17.440 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampled :
VN0903WBSD01

Tgt Ion: 75 Resp: 23921
Ion Ratio Lower Upper
75 100
53 138.1 74.2 222.6
89 43.5 23.3 69.9

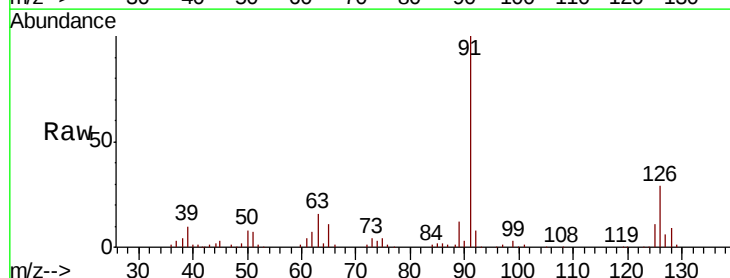


Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 89.00 (88.70 to 89.70): VN0

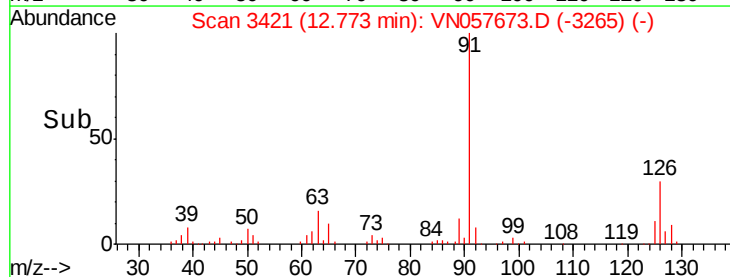
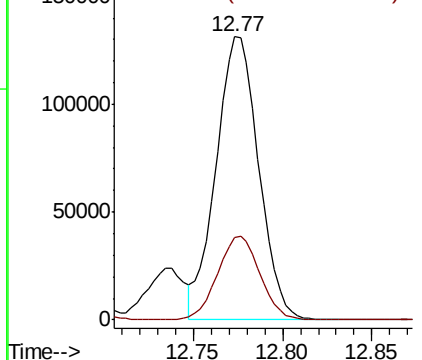


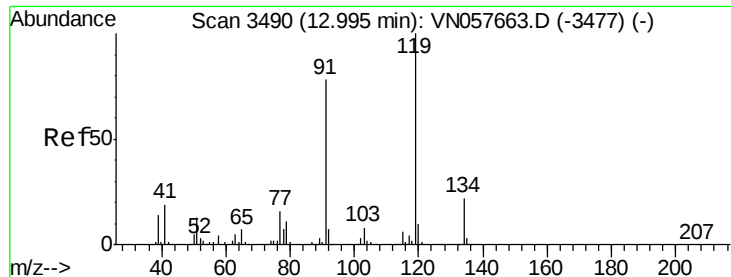
#78
4-Chlorotoluene
Concen: 18.241 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion: 91 Resp: 218096
Ion Ratio Lower Upper
91 100
126 29.4 0.0 57.8



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 126.00 (125.70 to 126.70): V

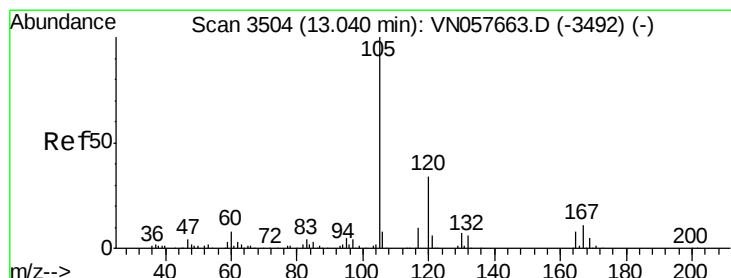
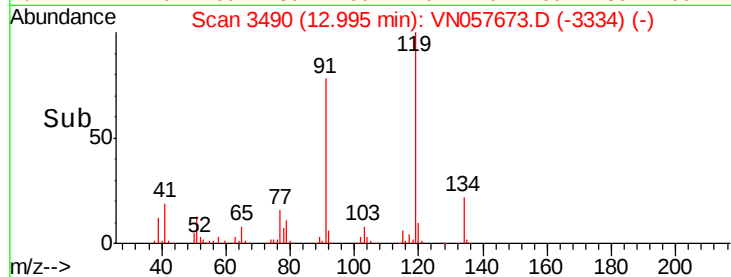
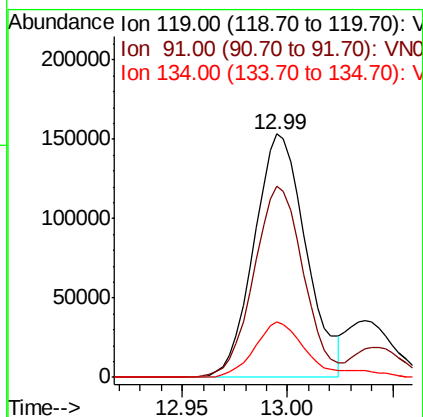
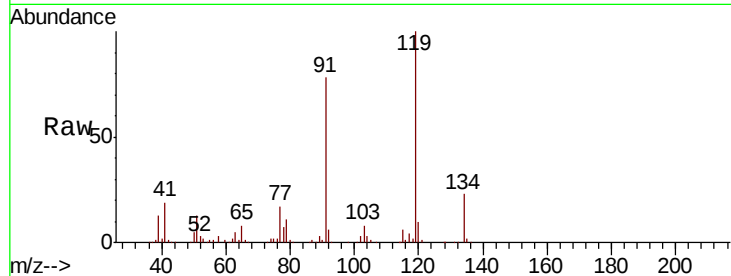




#79
tert-butylbenzene
Concen: 20.281 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

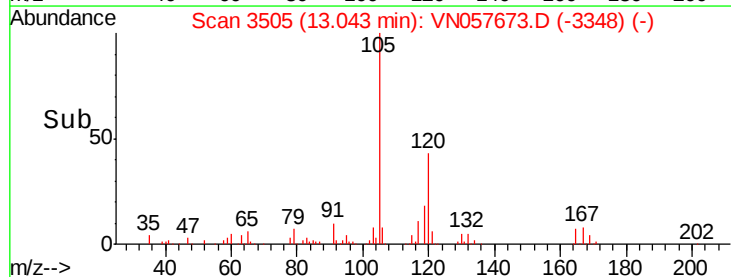
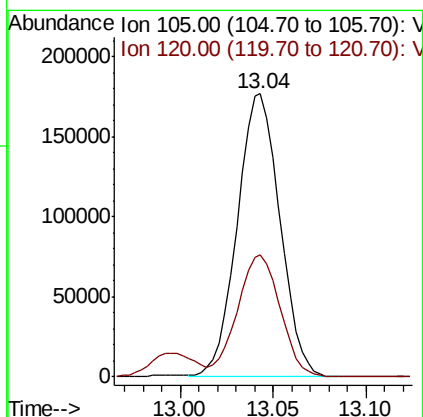
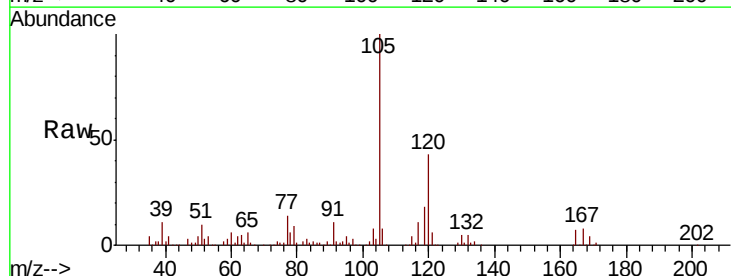
Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

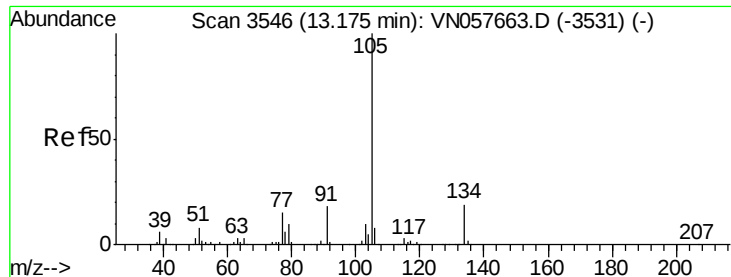
Tgt Ion:119 Resp: 262570
Ion Ratio Lower Upper
119 100
91 75.0 0.0 155.6
134 21.9 0.0 48.2



#80
1,2,4-Trimethylbenzene
Concen: 19.891 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion:105 Resp: 281727
Ion Ratio Lower Upper
105 100
120 43.5 0.0 83.4

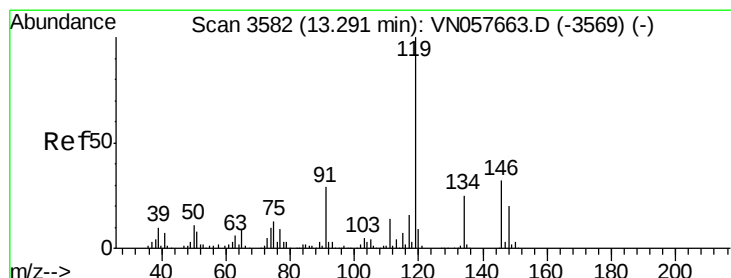
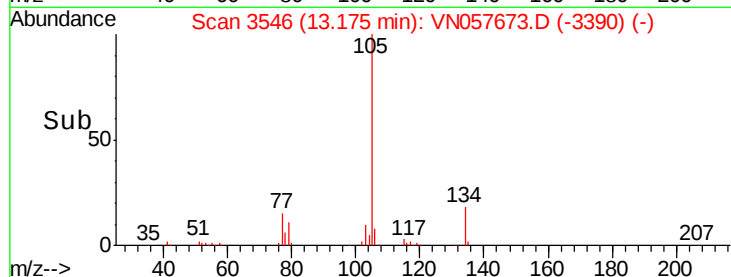
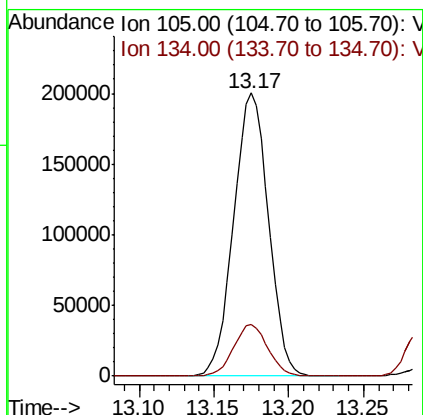
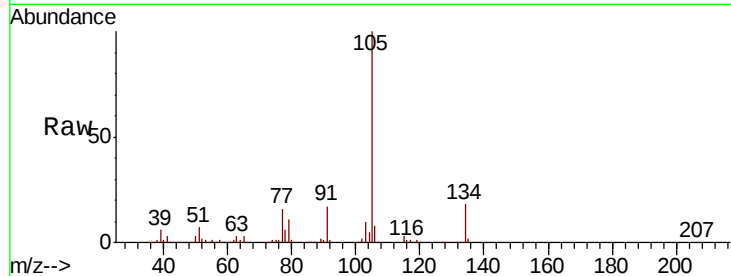




#81
 sec-Butylbenzene
 Concen: 19.457 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

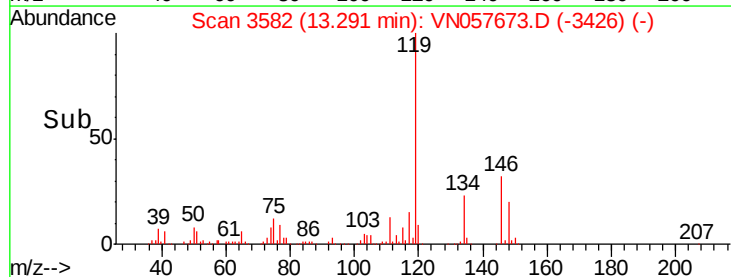
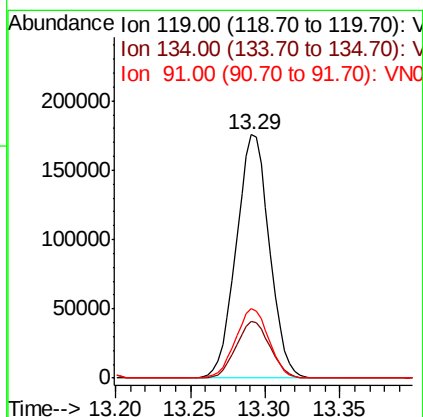
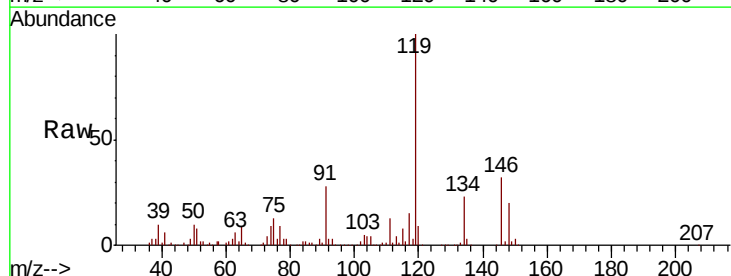
Instrument :
 MSVOA_N
 ClientSampled :
 VN0903WBSD01

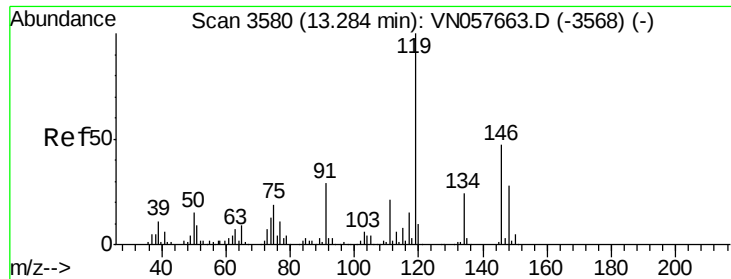
Tgt Ion:105 Resp: 324613
 Ion Ratio Lower Upper
 105 100
 134 17.7 0.0 36.2



#82
 p-Isopropyltoluene
 Concen: 19.156 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion:119 Resp: 271451
 Ion Ratio Lower Upper
 119 100
 134 23.8 0.0 49.6
 91 28.7 0.0 56.2

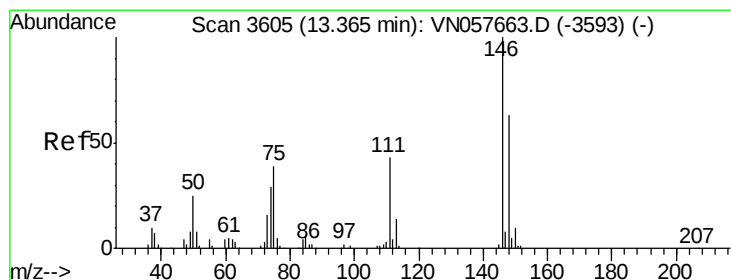
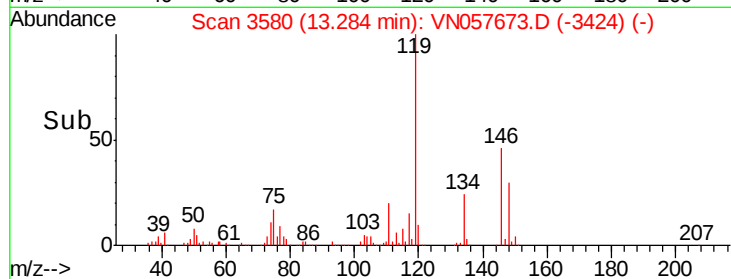
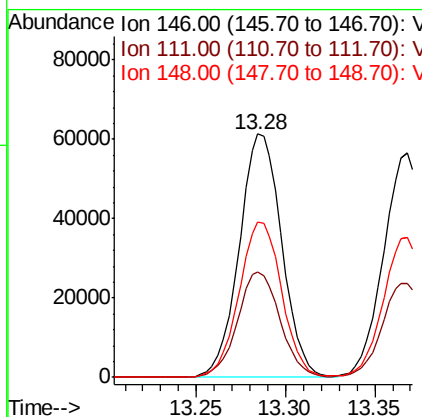
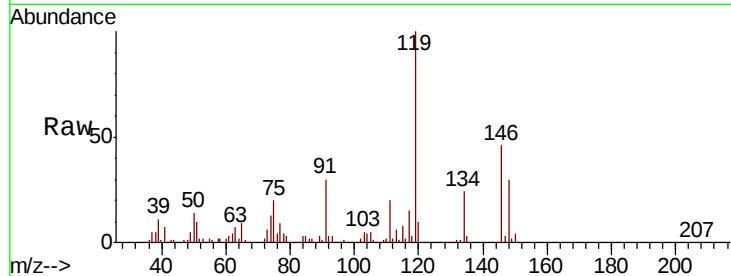




#83
 1,3-Dichlorobenzene
 Concen: 17.666 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

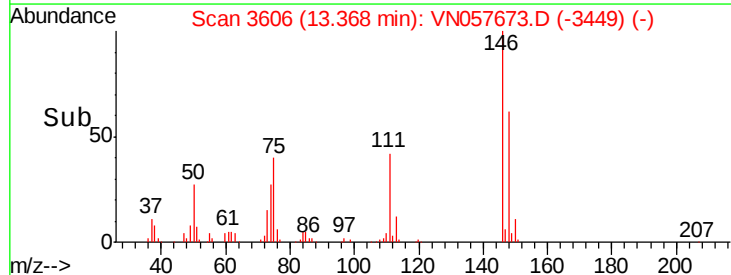
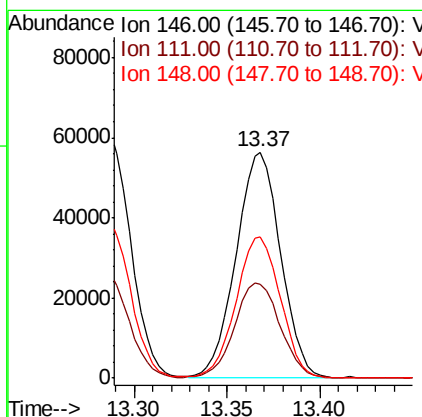
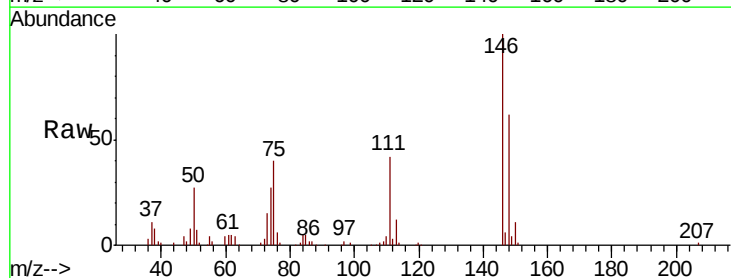
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

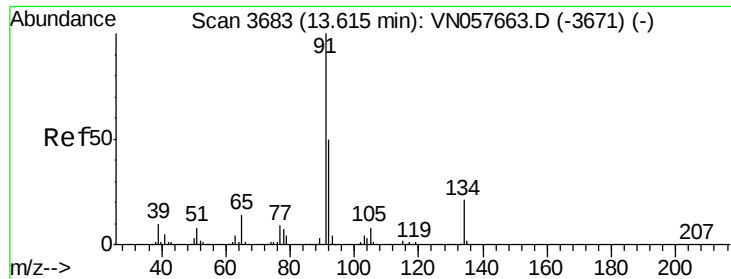
Tgt Ion:146 Resp: 101805
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.1 66.3
 148 64.0 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 17.313 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion:146 Resp: 94190
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.3 63.9
 148 62.3 31.0 93.0

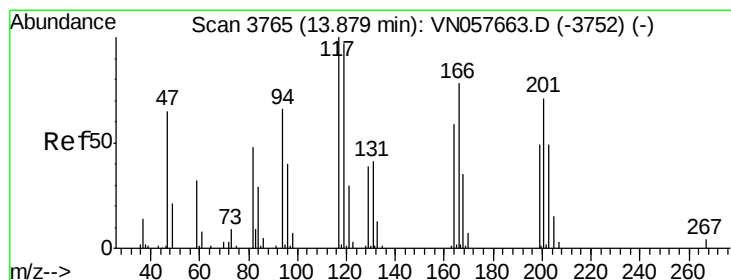
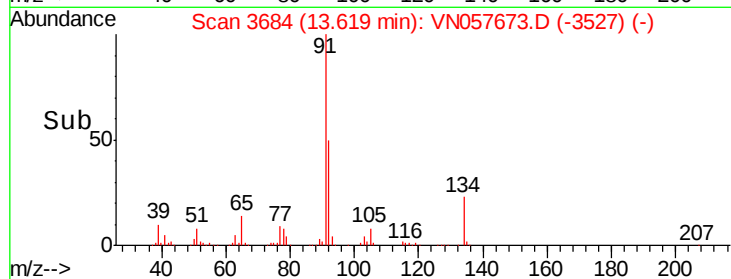
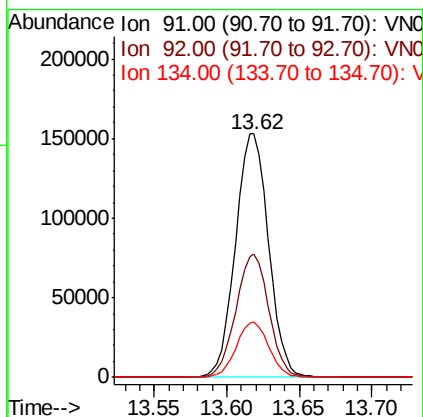
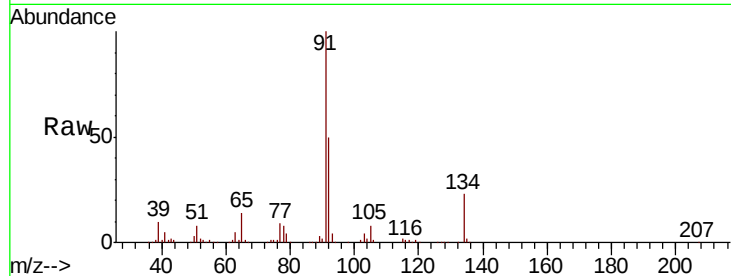




#85
n-Butylbenzene
Concen: 19.481 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

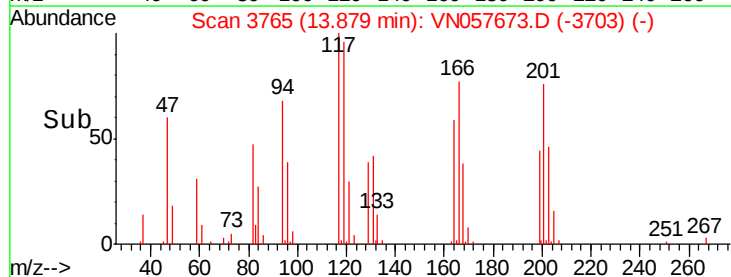
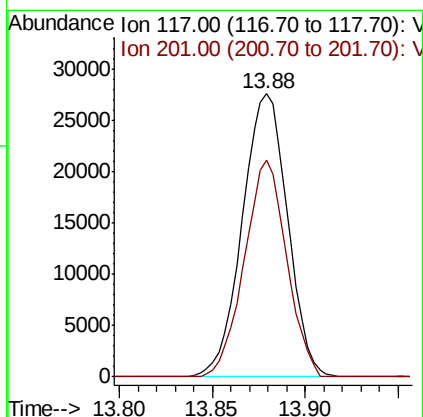
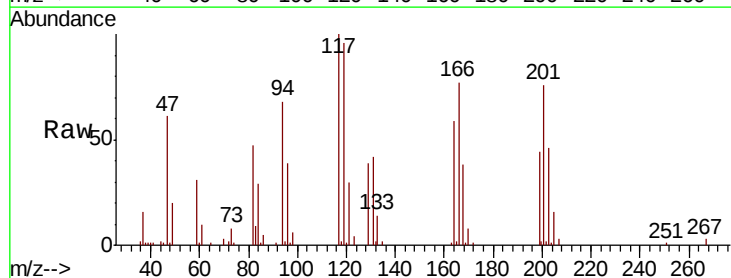
Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

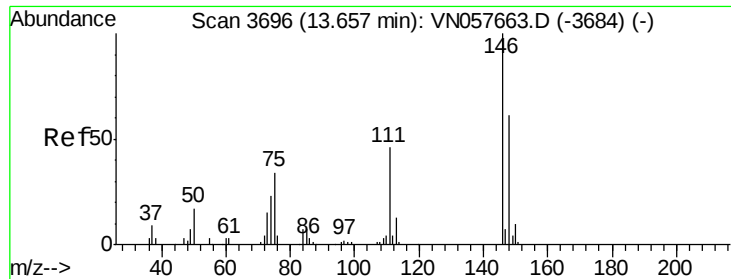
Tgt Ion: 91 Resp: 242647
Ion Ratio Lower Upper
91 100
92 50.3 0.0 100.2
134 22.4 0.0 43.8



#86
Hexachloroethane
Concen: 18.248 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion: 117 Resp: 46793
Ion Ratio Lower Upper
117 100
201 71.3 34.1 102.2

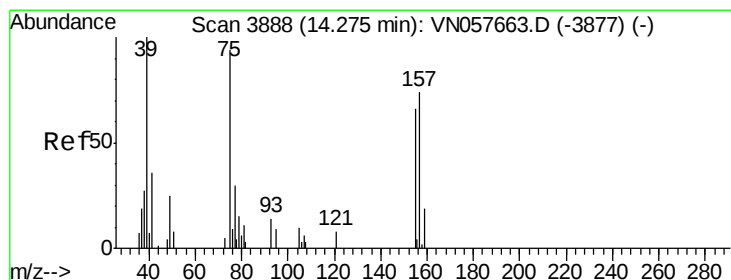
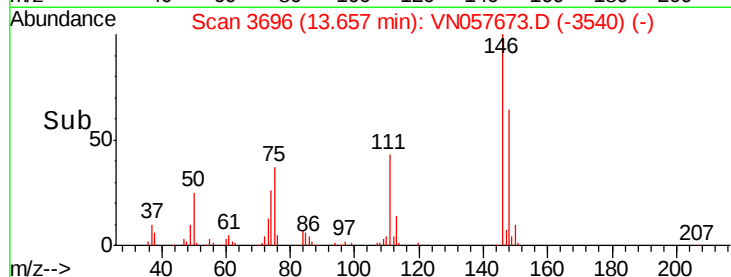
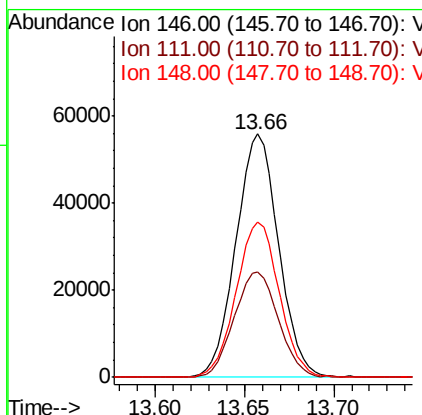
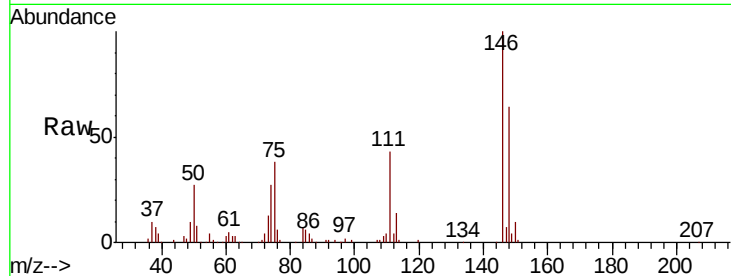




#87
 1,2-Dichlorobenzene
 Concen: 17.601 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

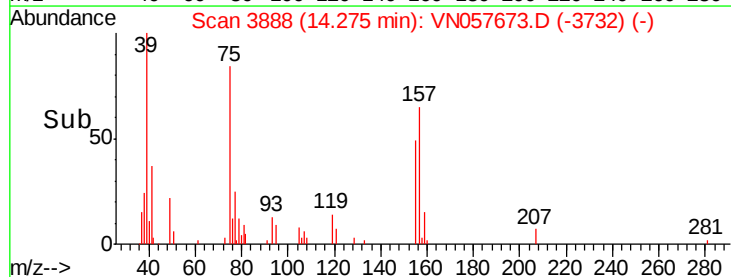
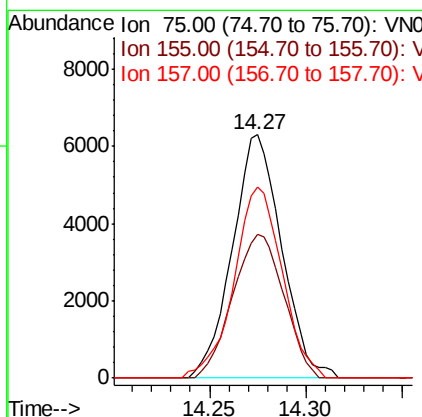
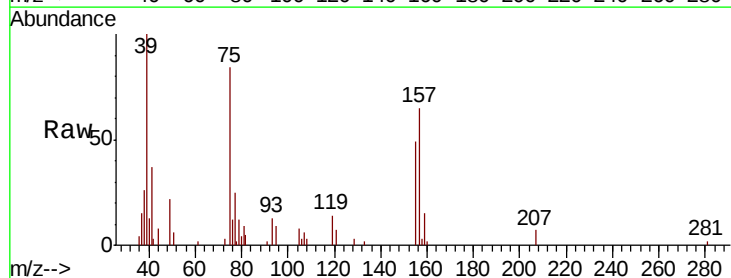
Instrument :
 MSVOA_N
 ClientSampled :
 VN0903WBSD01

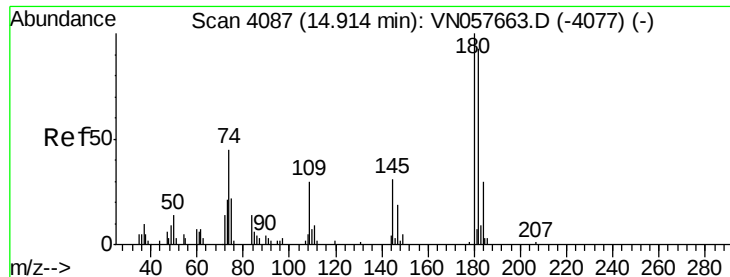
Tgt Ion:146 Resp: 93581
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.6 67.7
 148 64.3 31.3 93.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.913 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion: 75 Resp: 11146
 Ion Ratio Lower Upper
 75 100
 155 61.3 54.6 82.0
 157 76.7 65.5 98.3

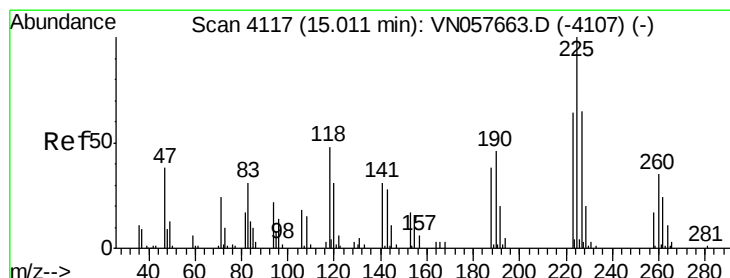
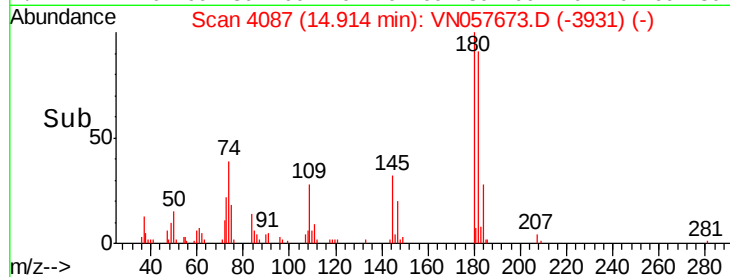
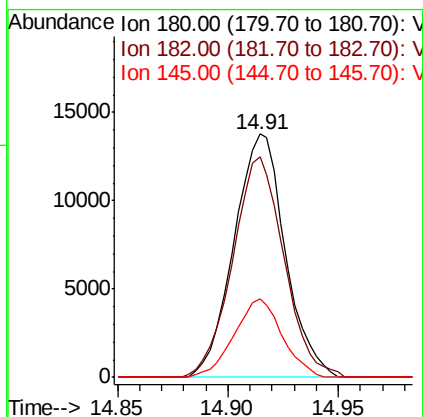
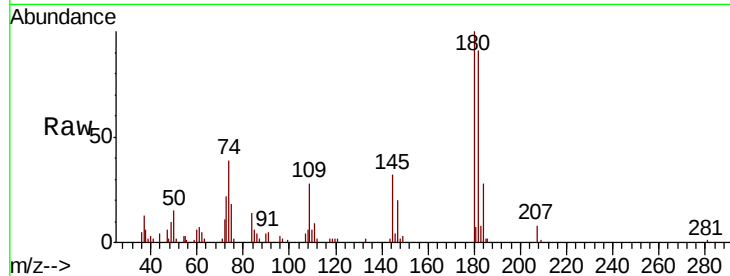




#89
 1,2,4-Trichlorobenzene
 Concen: 12.091 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

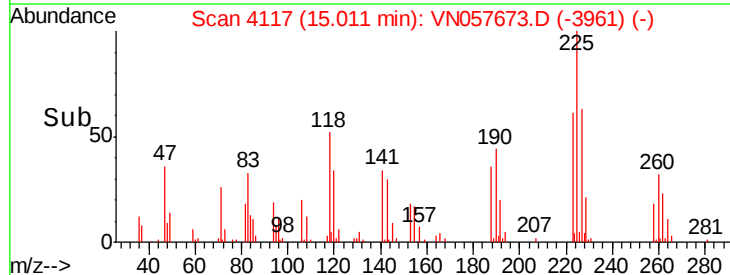
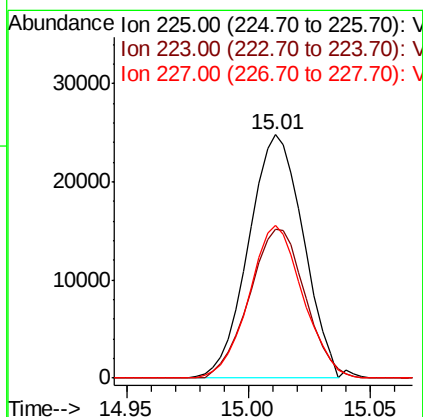
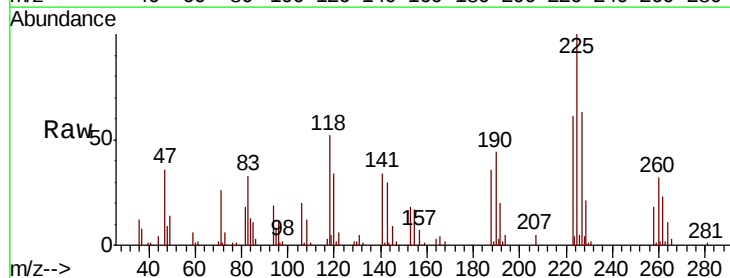
Instrument :
 MSVOA_N
 ClientSampled :
 VN0903WBSD01

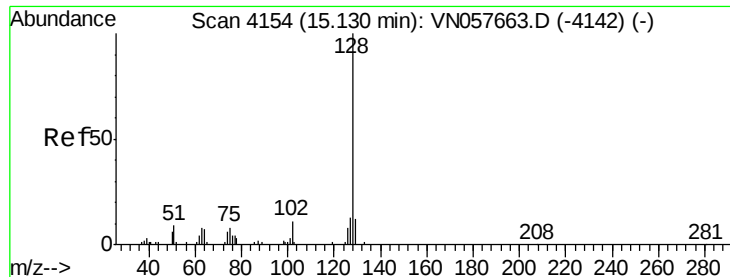
Tgt Ion:180 Resp: 22274
 Ion Ratio Lower Upper
 180 100
 182 90.9 77.4 116.2
 145 30.0 25.1 37.7



#90
 Hexachlorobutadiene
 Concen: 18.833 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion:225 Resp: 38481
 Ion Ratio Lower Upper
 225 100
 223 62.6 0.0 131.0
 227 61.8 0.0 128.6

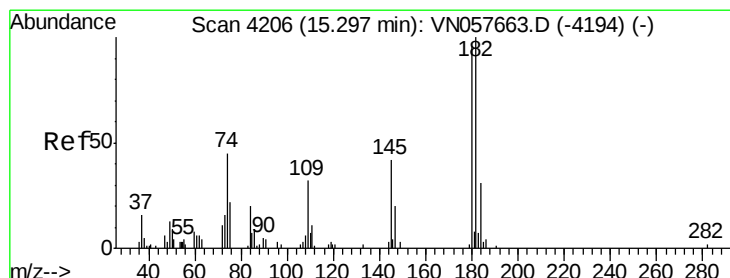
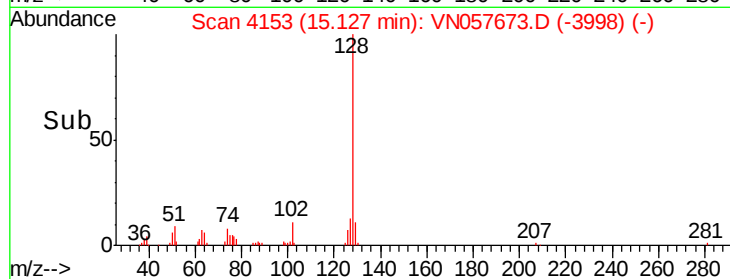
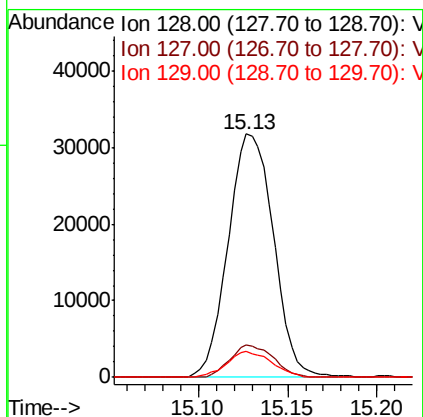
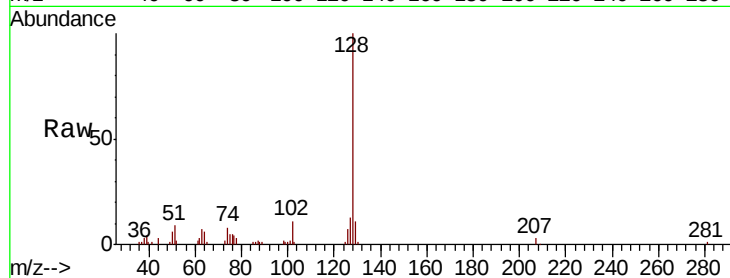




#91
Naphthalene
Concen: 11.733 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tgt Ion:128 Resp: 56137
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.5 9.1 13.7



#92
1,2,3-Trichlorobenzene
Concen: 11.346 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion:180 Resp: 20310
Ion Ratio Lower Upper
180 100
182 99.5 0.0 199.4
145 34.0 0.0 73.2

