

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102519\
 Data File : VN058970.D
 Acq On : 24 Oct 2019 18:30
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 01:19:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	58331	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	328835	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	304524	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	159939	32.31	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.70%
60) 4-Bromofluorobenzene	12.40	95	153992	28.91	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.37%
63) Toluene-d8	10.08	98	439122	30.54	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	63748	20.170	ug/l 98
3) Chloromethane	2.04	50	82416	19.522	ug/l 97
4) Vinyl Chloride	2.17	62	88028	20.175	ug/l 100
5) Bromomethane	2.55	94	48429	17.977	ug/l 98
6) Chloroethane	2.69	64	59431	21.670	ug/l 96
7) Trichlorofluoromethane	3.00	101	119657	22.281	ug/l 100
8) Diethyl Ether	3.39	74	40269	19.660	ug/l 91
9) 1,1,2-Trichlorotrifluoroet	3.74	101	65588	21.107	ug/l 99
10) 1,1-Dichloroethene	3.72	96	60162	19.712	ug/l 96
11) Methyl Iodide	3.93	142	52860	12.436	ug/l 97
12) Methyl Acetate	4.30	43	108943	22.311	ug/l 96
13) Acrolein	3.59	56	38317	71.019	ug/l 96
14) Acrylonitrile	4.96	53	200275	104.092	ug/l 99
15) Acetone	3.79	58	58190	101.888	ug/l 99
16) Carbon Disulfide	4.03	76	177766	19.970	ug/l 100
17) Allyl chloride	4.30	41	123225	20.285	ug/l 93
18) Methylene Chloride	4.53	84	77622	21.003	ug/l 98
19) trans-1,2-Dichloroethene	5.02	96	67705	20.377	ug/l 92
20) Diisopropyl ether	5.93	45	259492	20.967	ug/l 98
21) 1,1-Dichloroethane	5.82	63	144004	21.012	ug/l 99
22) cis-1,2-Dichloroethene	6.81	96	77827	19.646	ug/l 97
23) tert-Butyl Alcohol	4.75	59	77691	98.721	ug/l # 100
24) Methyl tert-Butyl Ether	5.02	73	221950	19.494	ug/l 99
25) Chloroform	7.35	83	141875	20.756	ug/l 95
26) Cyclohexane	7.64	56	116152	19.309	ug/l # 96
29) 1,1-Dichloropropene	7.78	75	101602	19.628	ug/l 99
30) 2-Butanone	6.81	43	287884	98.417	ug/l 99
31) 2,2-Dichloropropane	6.80	77	119250	19.546	ug/l 99
32) 1,1,1-Trichloroethane	7.55	97	121226	20.249	ug/l 100
33) Carbon Tetrachloride	7.76	117	105473	20.353	ug/l 99
34) Benzene	8.02	78	302504	19.850	ug/l 97
35) Methacrylonitrile	7.19	41	172050	66.581	ug/l # 65
36) 1,2-Dichloroethane	8.11	62	119075	20.437	ug/l 100
37) Trichloroethene	8.82	130	72557	19.380	ug/l 99
38) Methylcyclohexane	9.07	83	106542	17.752	ug/l 97
39) 1,2-Dichloropropane	9.11	63	85103	20.435	ug/l 98
40) Dibromomethane	9.20	93	53150	20.216	ug/l 98

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Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 01:19:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.39	83	109480	20.384	ug/l	97
42) Vinyl Acetate	5.87	43	1066203	104.075	ug/l	99
43) Ethyl Acetate	6.91	43	117916	20.538	ug/l	99
44) Isopropyl Acetate	8.15	43	184354	19.823	ug/l	99
45) 1,4-Dioxane	9.19	88	26655	373.263	ug/l	97
46) Methyl methacrylate	9.19	41	80575	18.873	ug/l	98
47) n-amyl Acetate	12.07	43	150955	18.311	ug/l	96
48) t-1,3-Dichloropropene	10.38	75	118994	19.103	ug/l	98
49) cis-1,3-Dichloropropene	9.83	75	126446	19.331	ug/l	97
50) 1,1,2-Trichloroethane	10.56	97	76844	20.474	ug/l	98
51) Ethyl methacrylate	10.43	69	110038	18.336	ug/l	97
52) 1,3-Dichloropropane	10.70	76	130964	19.594	ug/l	98
53) Dibromochloromethane	10.90	129	79063	19.629	ug/l	100
54) 1,2-Dibromoethane	11.00	107	76275	19.607	ug/l	97
55) 2-Chloroethyl vinyl ether	9.69	63	259576	86.953	ug/l	100
56) Bromoform	12.13	173	56081	19.987	ug/l	99
58) 4-Methyl-2-Pentanone	9.98	43	584360	105.189	ug/l	99
59) 2-Hexanone	10.75	43	429736	98.672	ug/l	99
61) Tetrachloroethene	10.63	164	64099	19.479	ug/l	98
62) Toluene	10.15	91	321233	19.611	ug/l	100
64) Chlorobenzene	11.43	112	192545	19.226	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	74801	19.919	ug/l	98
66) Ethyl Benzene	11.51	91	343212	18.922	ug/l	99
67) m/p-Xylenes	11.62	106	253530	37.413	ug/l	99
68) o-Xylene	11.95	106	121469	18.490	ug/l	99
69) Styrene	11.97	104	193345	17.815	ug/l	98
70) Isopropylbenzene	12.25	105	329939	18.603	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	118807	19.898	ug/l	100
72) 1,2,3-Trichloropropane	12.56	75	153441	28.360	ug/l	59
73) Bromobenzene	12.53	156	78964	18.330	ug/l	96
74) n-propylbenzene	12.60	91	393258	18.943	ug/l	100
75) 2-Chlorotoluene	12.68	91	236985	18.973	ug/l	99
76) 1,3,5-Trimethylbenzene	12.74	105	284436	18.724	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	38317	18.590	ug/l	96
78) 4-Chlorotoluene	12.78	91	238096	18.495	ug/l	100
79) tert-butylbenzene	13.00	119	237239	18.280	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	283578	18.786	ug/l	100
81) sec-Butylbenzene	13.18	105	321094	18.384	ug/l	99
82) p-Isopropyltoluene	13.29	119	281079	17.921	ug/l	99
83) 1,3-Dichlorobenzene	13.29	146	140260	17.993	ug/l	98
84) 1,4-Dichlorobenzene	13.37	146	137510	17.660	ug/l	98
85) n-Butylbenzene	13.62	91	245804	17.118	ug/l	99
86) Hexachloroethane	13.88	117	56139	19.668	ug/l	99
87) 1,2-Dichlorobenzene	13.66	146	141373	18.370	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	24885	18.725	ug/l	100
89) 1,2,4-Trichlorobenzene	14.92	180	74876	15.409	ug/l	98
90) Hexachlorobutadiene	15.01	225	43955	17.517	ug/l	98
91) Naphthalene	15.13	128	211952	14.773	ug/l	99
92) 1,2,3-Trichlorobenzene	15.30	180	77303	16.342	ug/l	98

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:26:47 2019
Response via : Initial Calibration

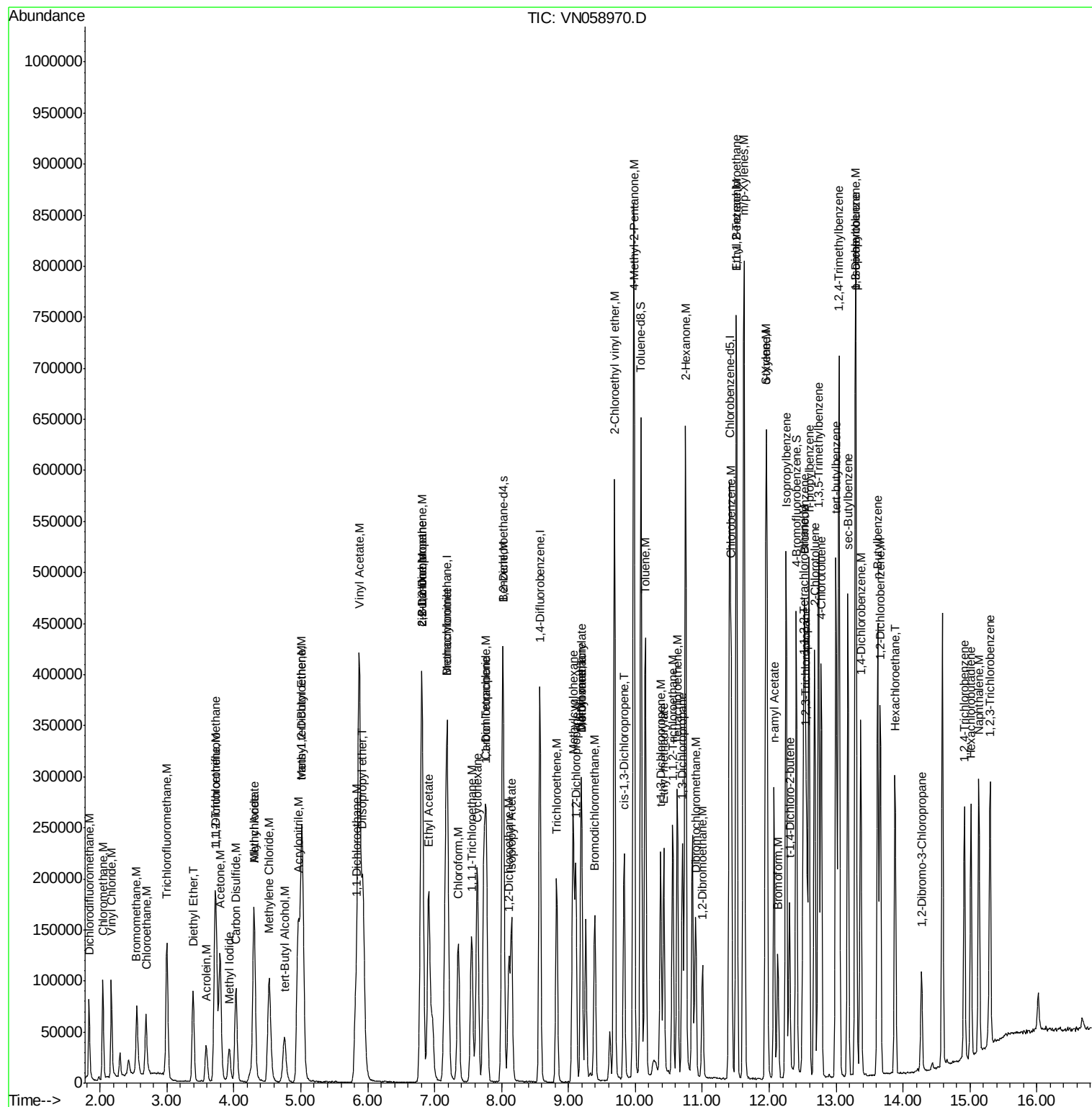
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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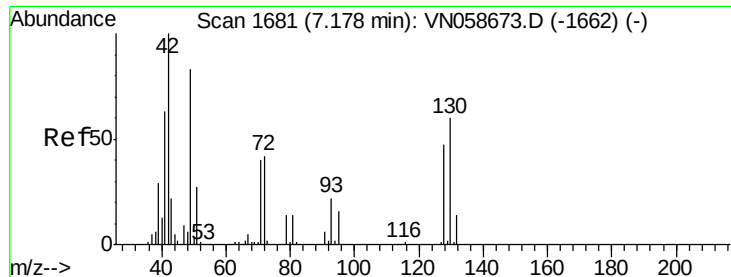
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 26 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :

Quant Time: Oct 25 01:19:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:26:47 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :
MSVOA_N
ClientSampled :

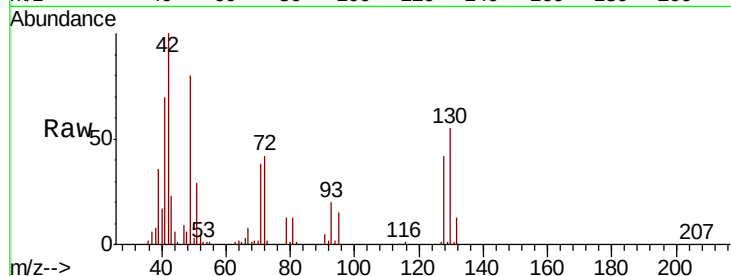
Tot Ion:128 Resp: 58331

Ion Ratio Lower Upper

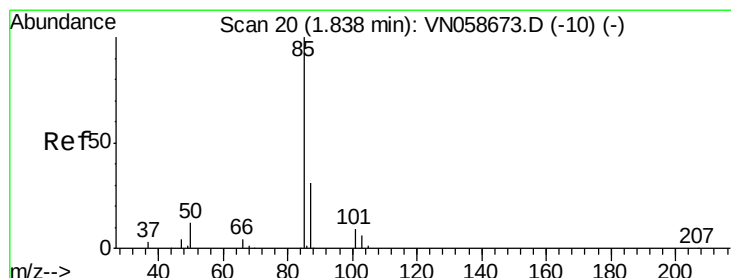
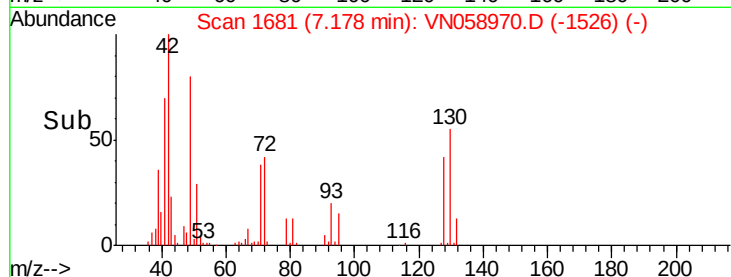
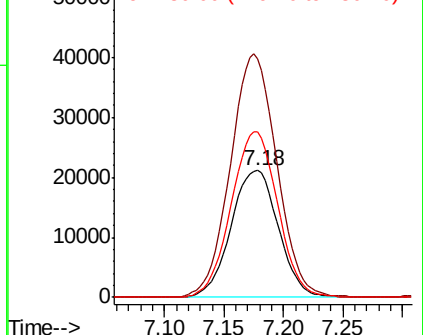
128 100

49 188.3 0.0 453.5

130 128.5 0.0 314.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VNO
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.170 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058970.D

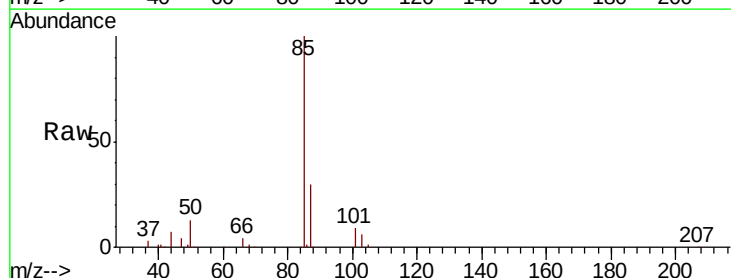
Acq: 24 Oct 2019 18:30

Tgt Ion: 85 Resp: 63748

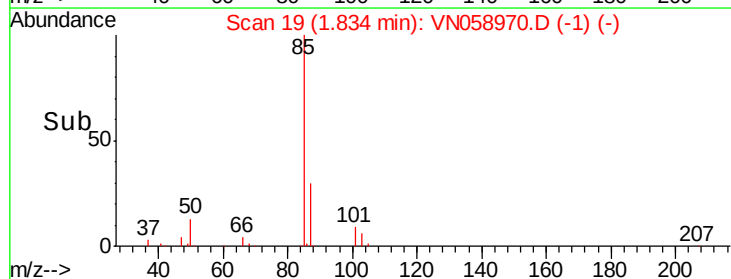
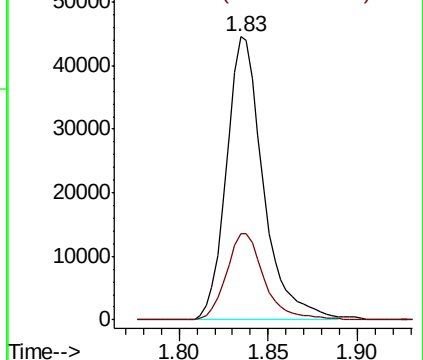
Ion Ratio Lower Upper

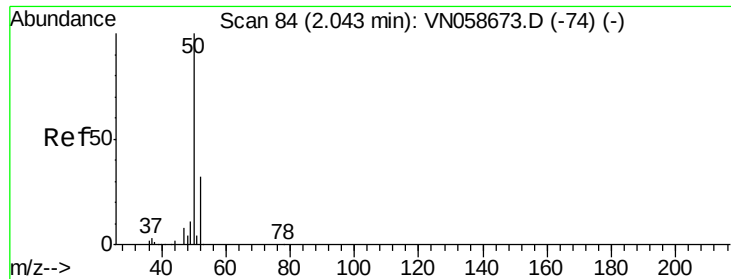
85 100

87 30.4 15.7 47.0



Abundance Ion 85.00 (84.70 to 85.70): VNO
Ion 87.00 (86.70 to 87.70): VNO





#3

Chloromethane

Concen: 19.522 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

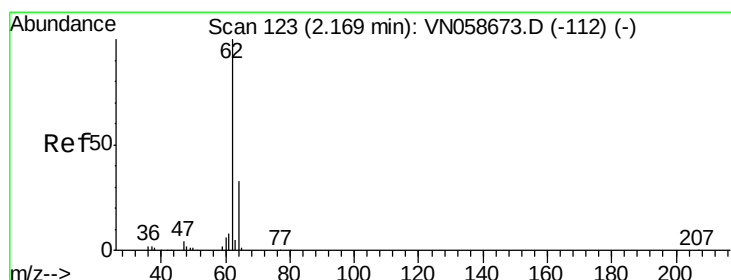
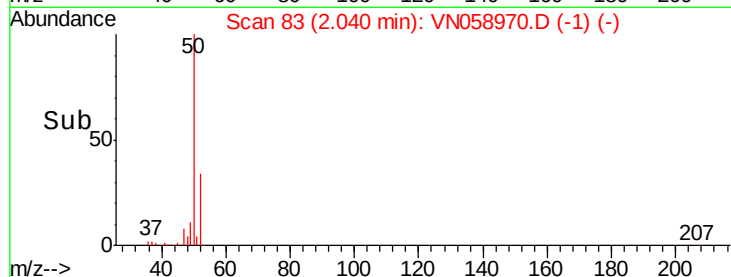
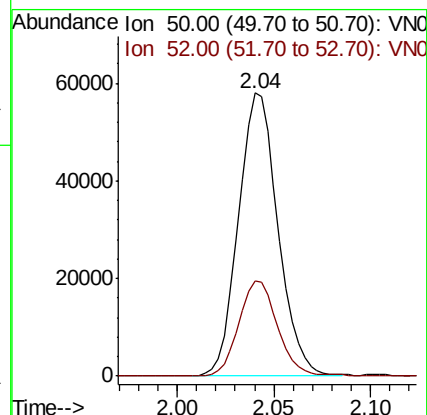
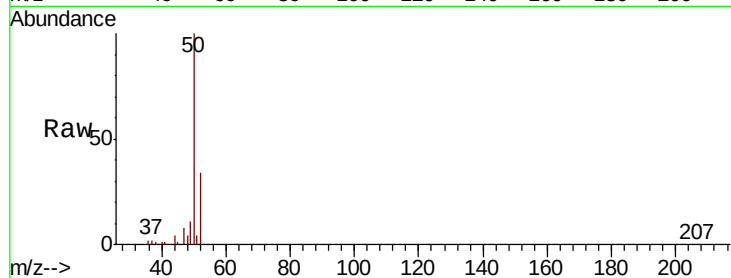
ClientSampleId :

Tot Ion: 50 Resp: 82416

Ion Ratio Lower Upper

50 100

52 33.8 25.8 38.8



#4

Vinyl Chloride

Concen: 20.175 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058970.D

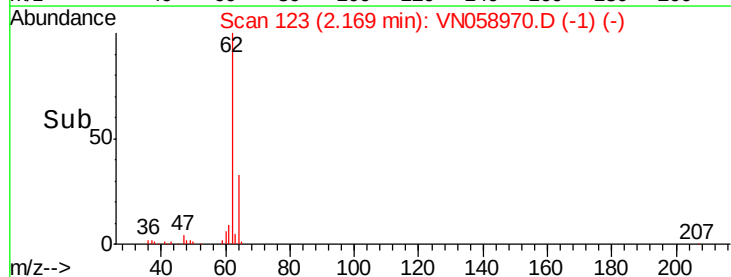
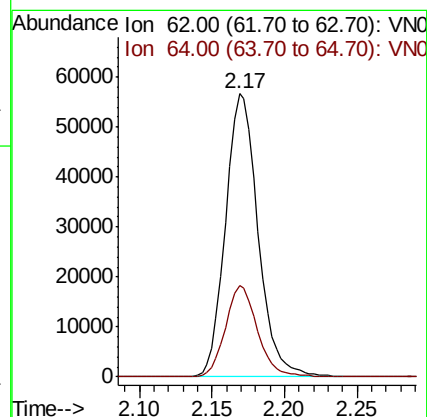
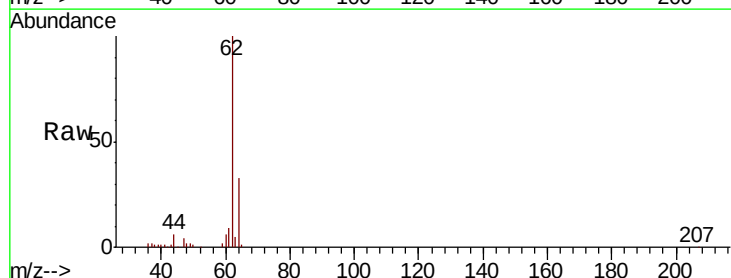
Acq: 24 Oct 2019 18:30

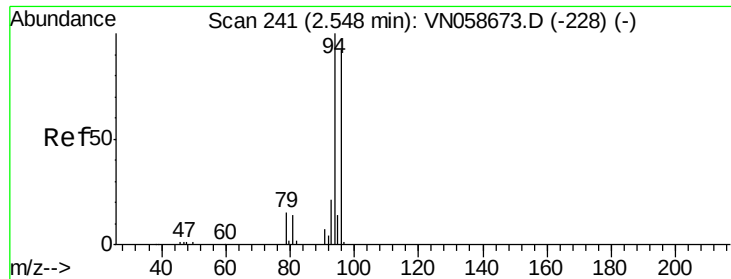
Tgt Ion: 62 Resp: 88028

Ion Ratio Lower Upper

62 100

64 32.5 26.1 39.1





#5

Bromomethane

Concen: 17.977 ug/l

RT: 2.55 min Scan# 241

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

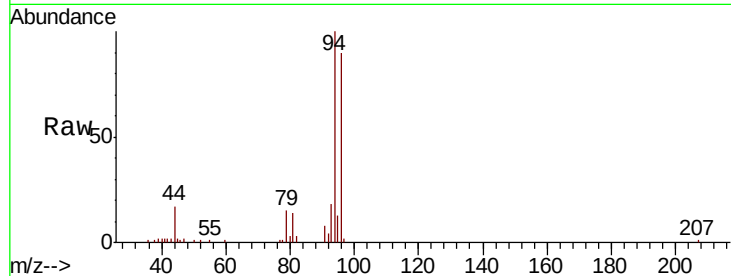
ClientSampleId :

Tot Ion: 94 Resp: 48429

Ion Ratio Lower Upper

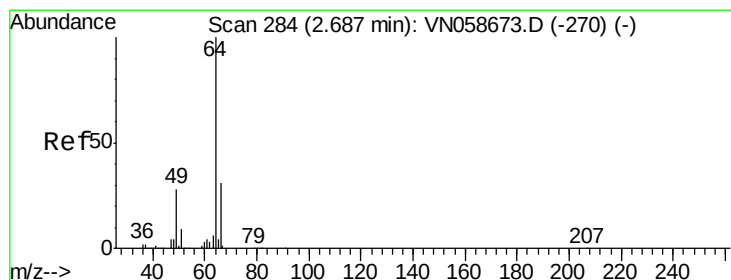
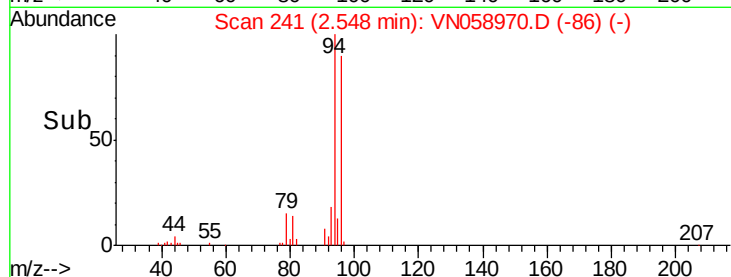
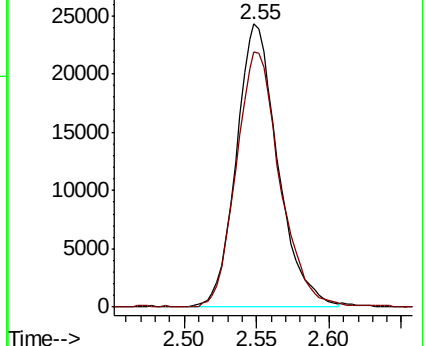
94 100

96 90.3 73.7 110.5



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 21.670 ug/l

RT: 2.69 min Scan# 284

Delta R.T. -0.00 min

Lab File: VN058970.D

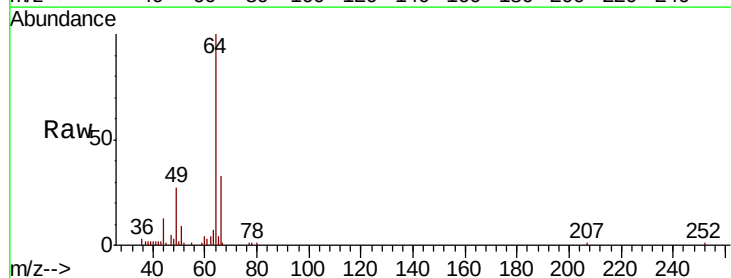
Acq: 24 Oct 2019 18:30

Tgt Ion: 64 Resp: 59431

Ion Ratio Lower Upper

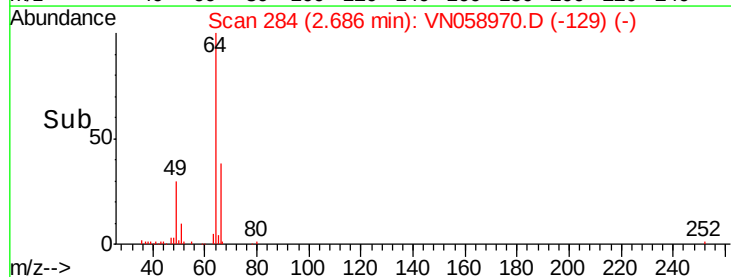
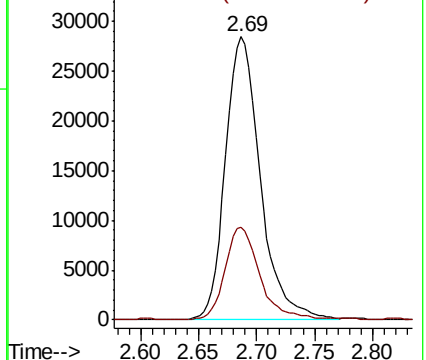
64 100

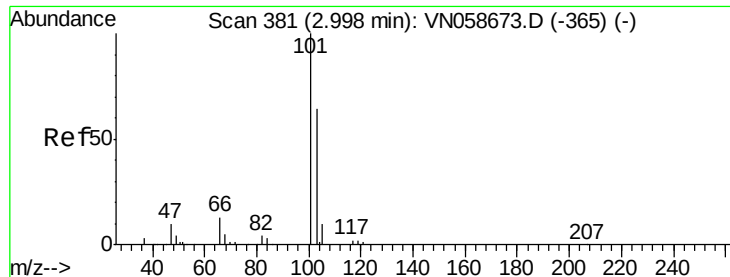
66 32.8 24.6 36.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



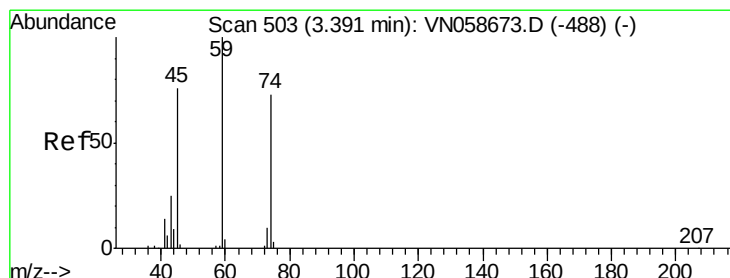
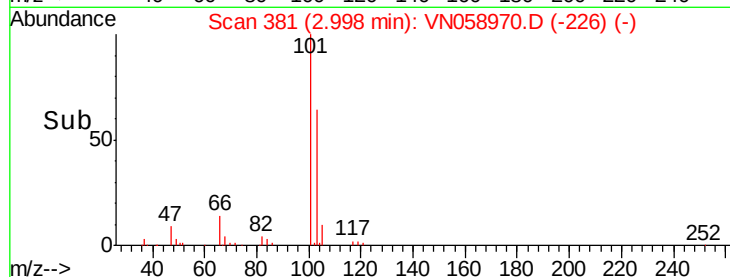
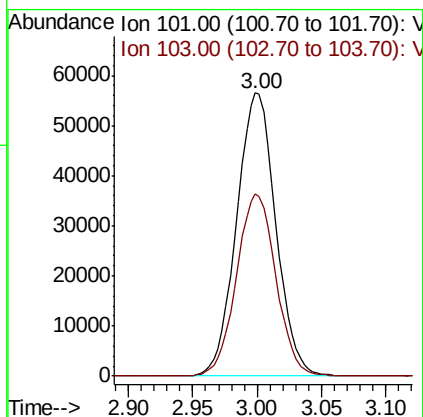
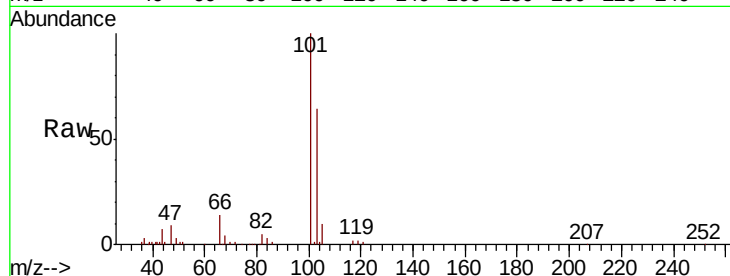


#7

Trichlorofluoromethane
 Concen: 22.281 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Instrument :
 MSVOA_N
 ClientSampleId :

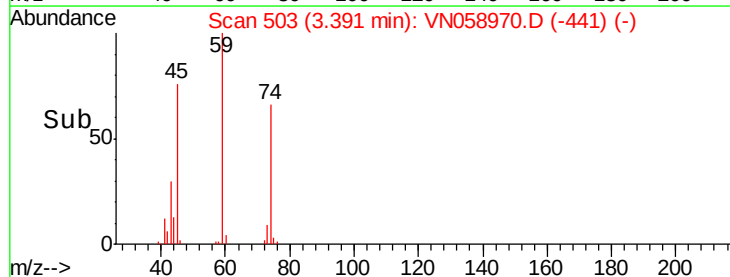
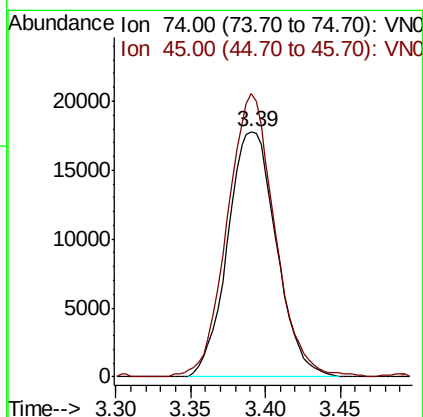
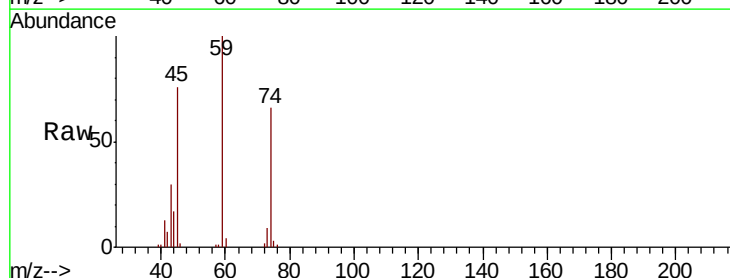
Tot Ion:101 Resp: 119657
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

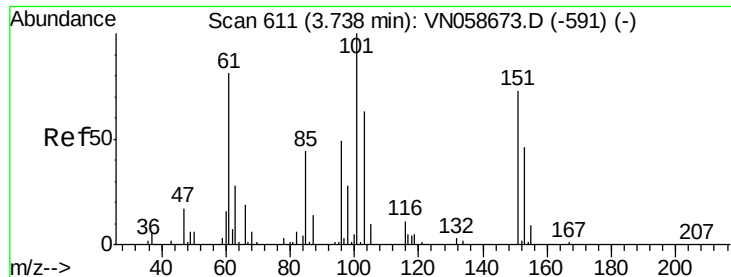


#8

Diethyl Ether
 Concen: 19.660 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Tgt Ion: 74 Resp: 40269
 Ion Ratio Lower Upper
 74 100
 45 112.3 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.107 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

ClientSampled :

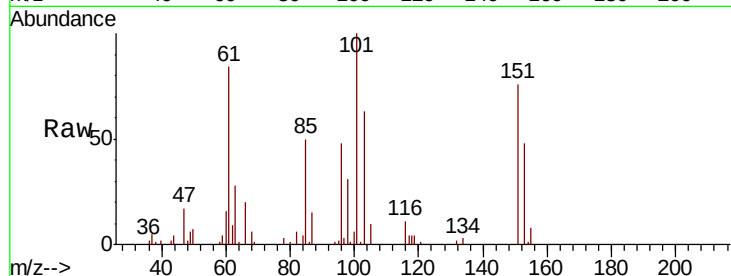
Tot Ion:101 Resp: 65588

Ion Ratio Lower Upper

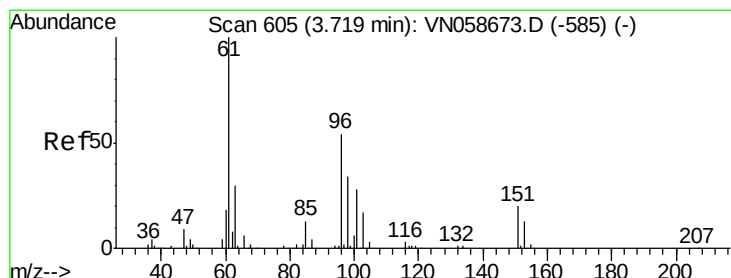
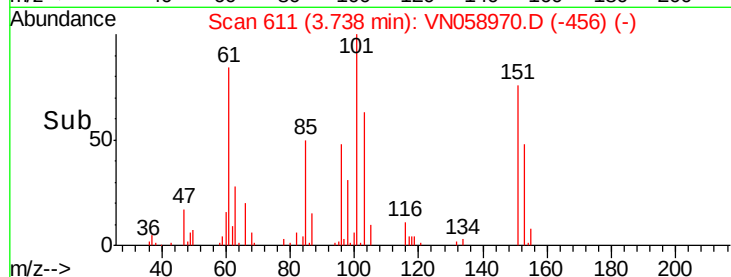
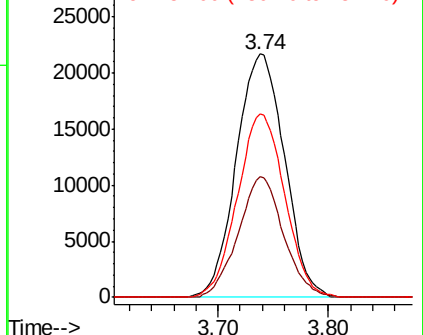
101 100

85 46.4 0.0 93.8

151 74.2 0.0 149.6



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: 19.712 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

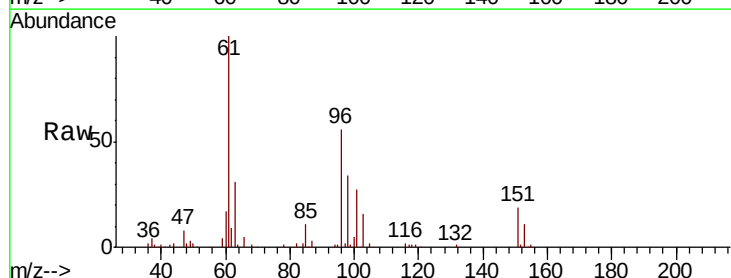
Tgt Ion: 96 Resp: 60162

Ion Ratio Lower Upper

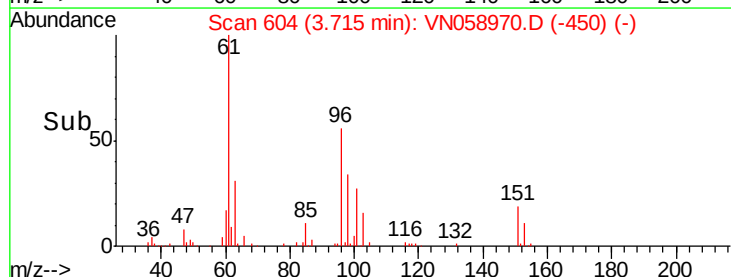
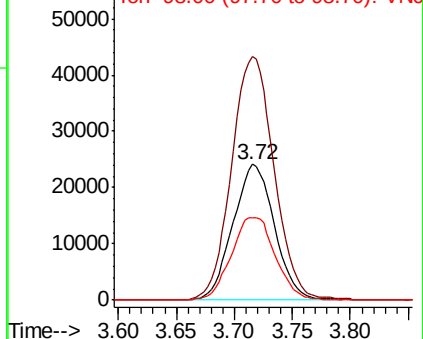
96 100

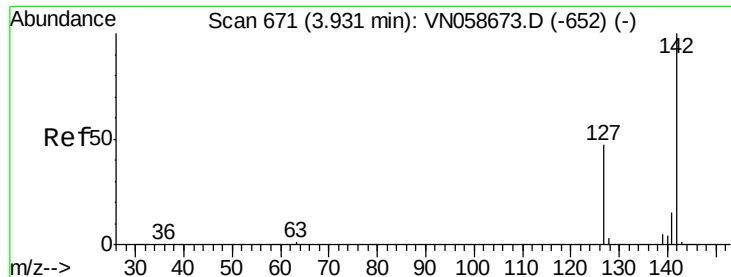
61 178.7 148.5 222.7

98 61.1 51.0 76.6



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

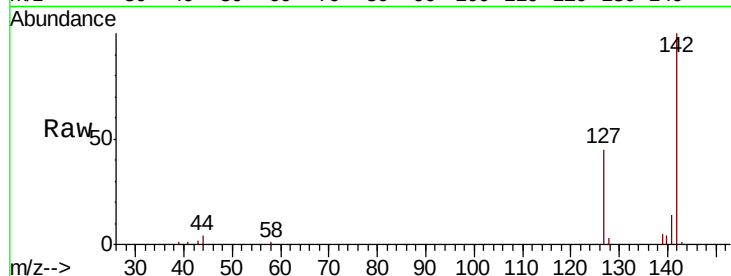




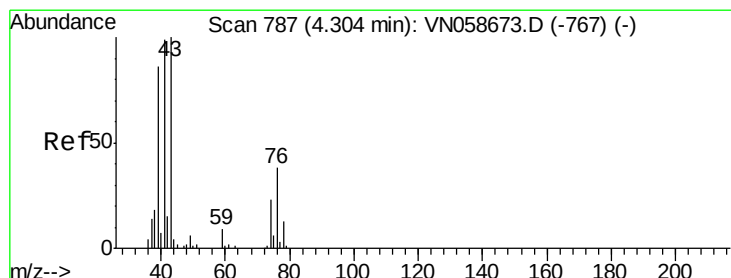
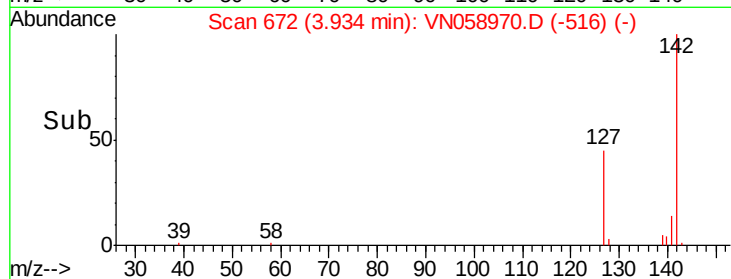
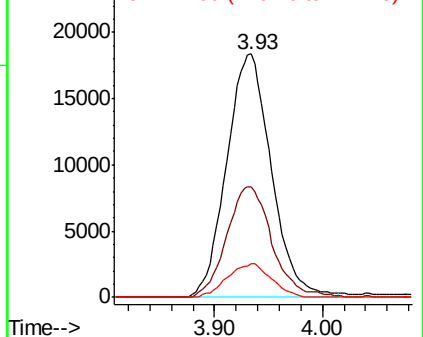
#11
Methvl Iodide
Concen: 12.436 ug/l
RT: 3.93 min Scan# 672
Delta R.T. 0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:142 Resp: 52860
Ion Ratio Lower Upper
142 100
127 45.0 23.5 70.6
141 13.8 7.4 22.2

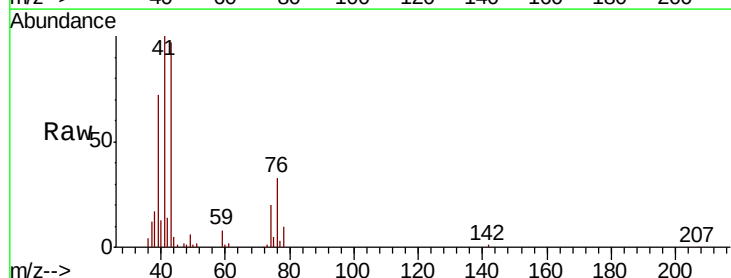


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

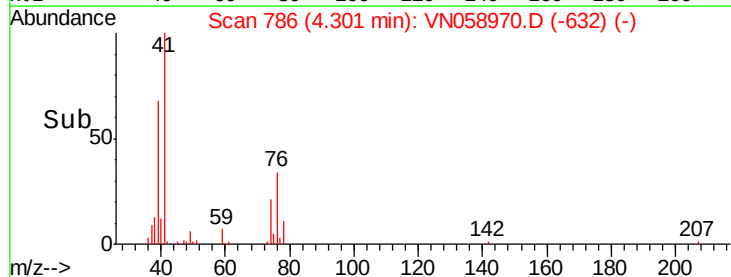
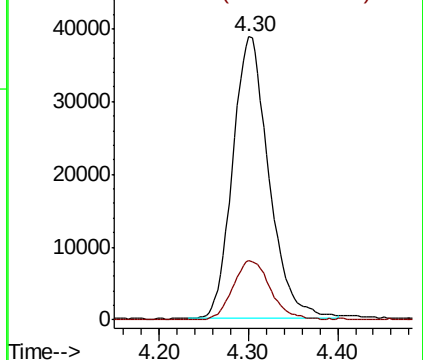


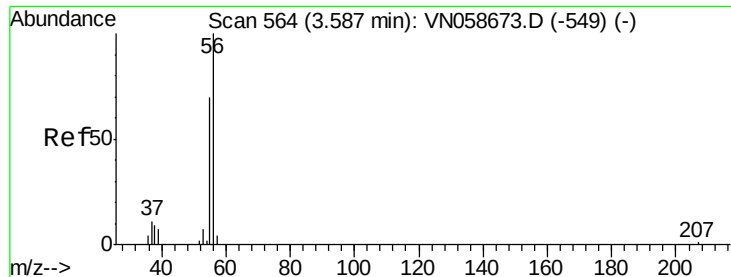
#12
Methyl Acetate
Concen: 22.311 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Tgt Ion: 43 Resp: 108943
Ion Ratio Lower Upper
43 100
74 20.9 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 71.019 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

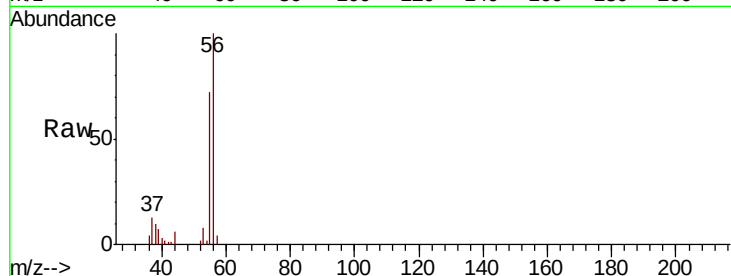
ClientSampleId :

Tot Ion: 56 Resp: 38317

Ion Ratio Lower Upper

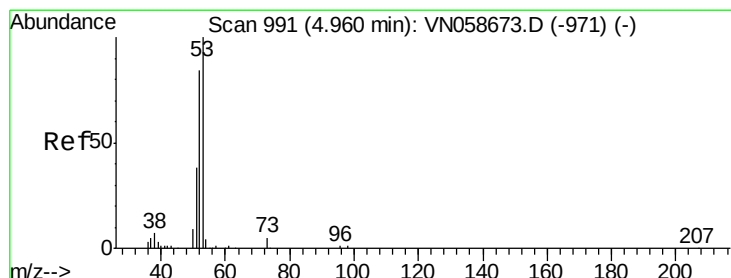
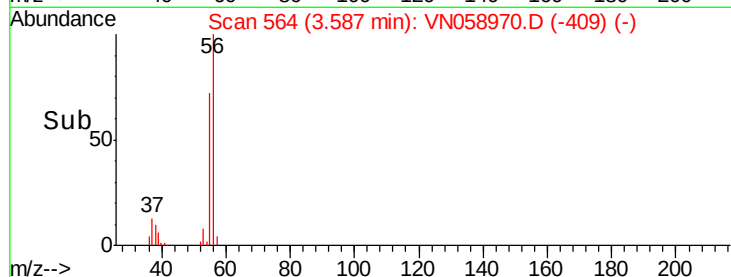
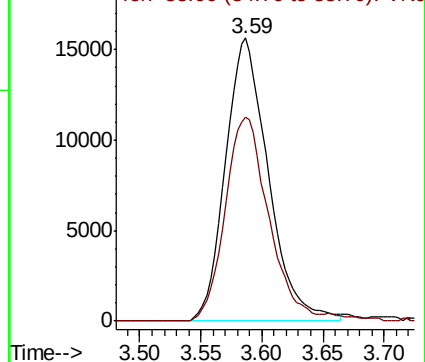
56 100

55 72.8 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 104.092 ug/l

RT: 4.96 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

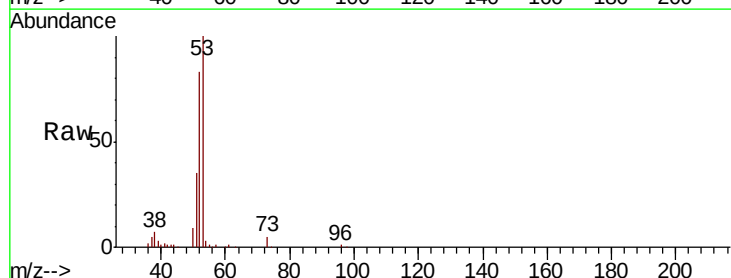
Tgt Ion: 53 Resp: 200275

Ion Ratio Lower Upper

53 100

52 84.2 42.2 126.6

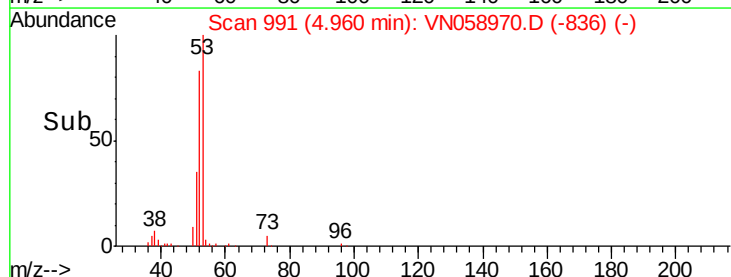
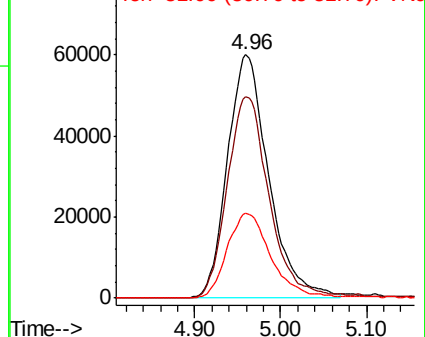
51 36.6 18.8 56.4

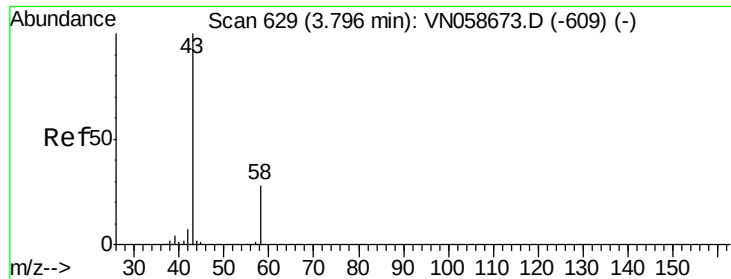


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

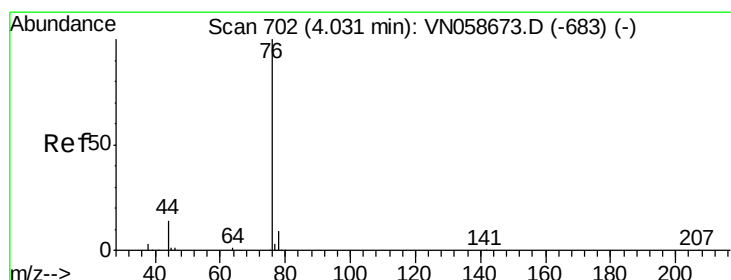
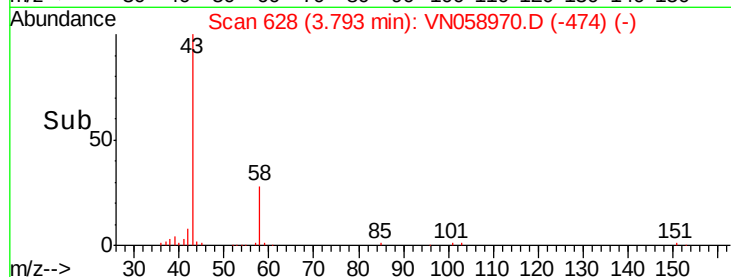
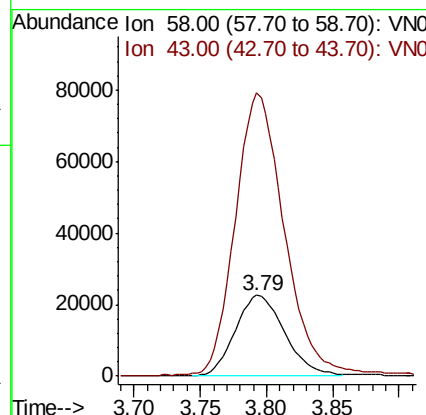
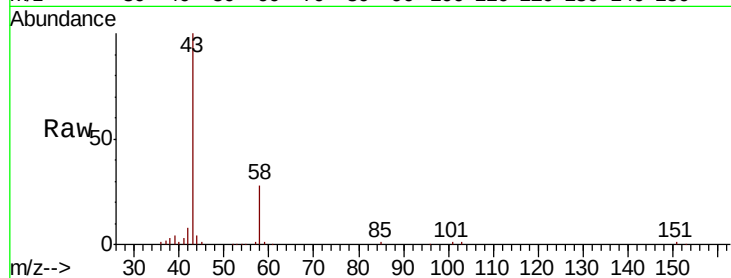




#15
Acetone
Concen: 101.888 ug/l
RT: 3.79 min Scan# 628
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

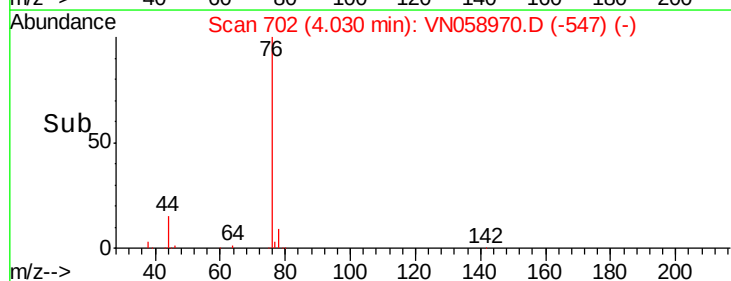
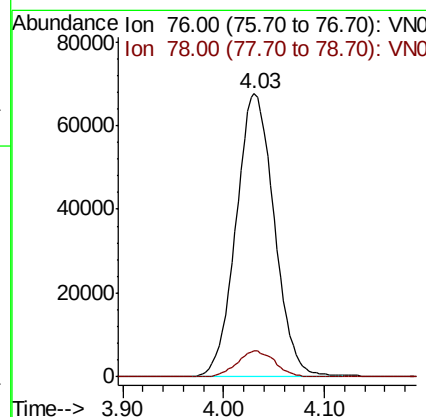
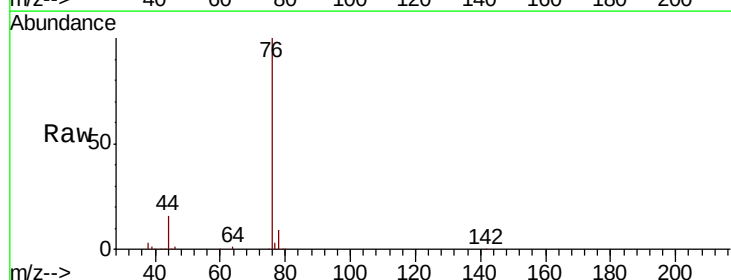
Instrument :
MSVOA_N
ClientSampled :

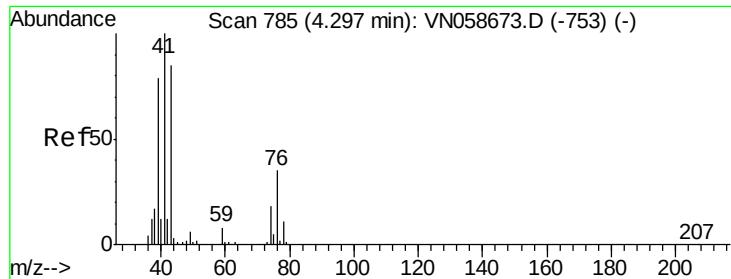
Tot Ion: 58 Resp: 58190
Ion Ratio Lower Upper
58 100
43 350.5 281.7 422.5



#16
Carbon Disulfide
Concen: 19.970 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Tgt Ion: 76 Resp: 177766
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

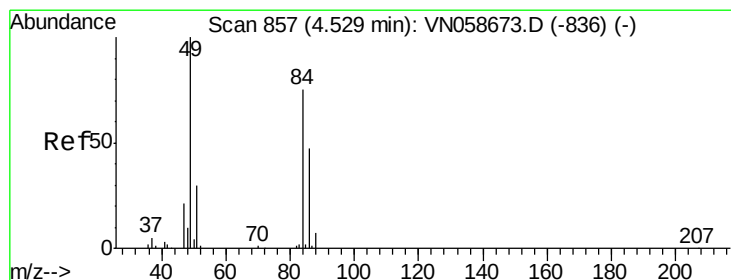
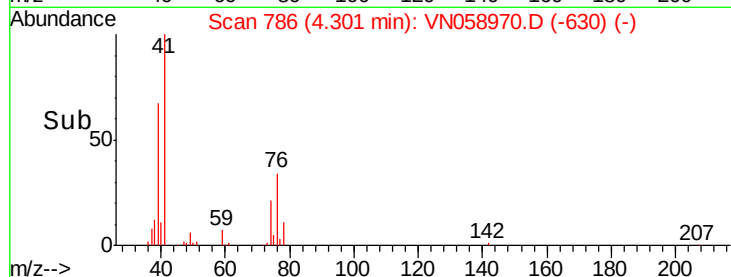
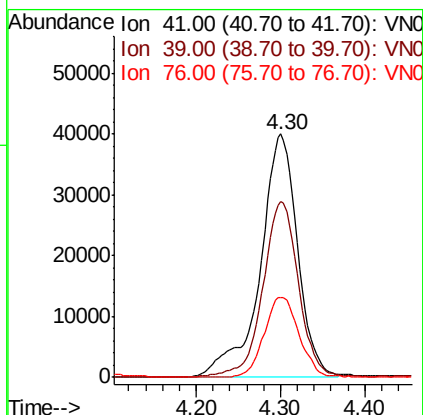
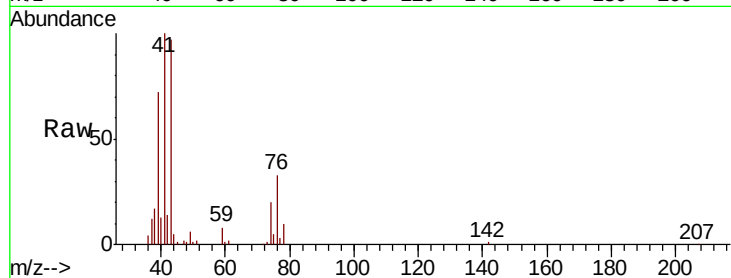




#17
Allvl chloride
Concen: 20.285 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

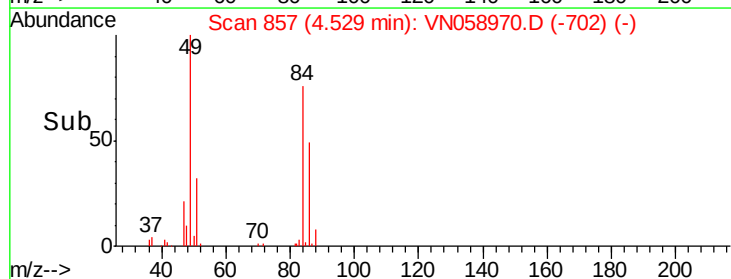
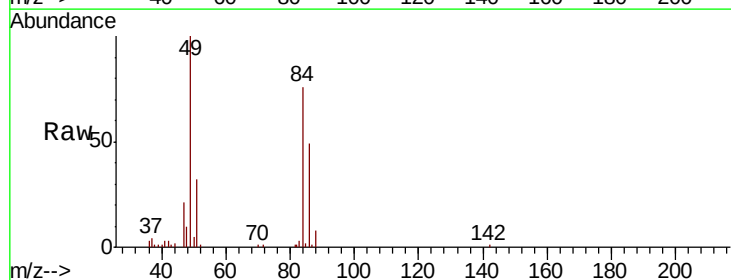
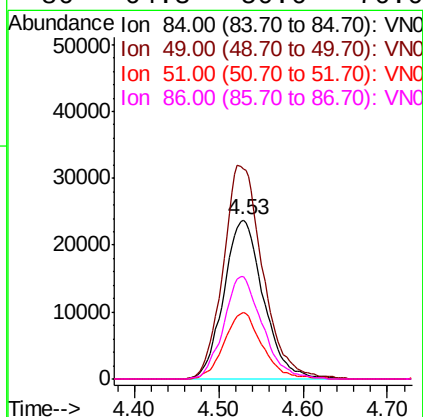
Instrument :
MSVOA_N
ClientSampled :

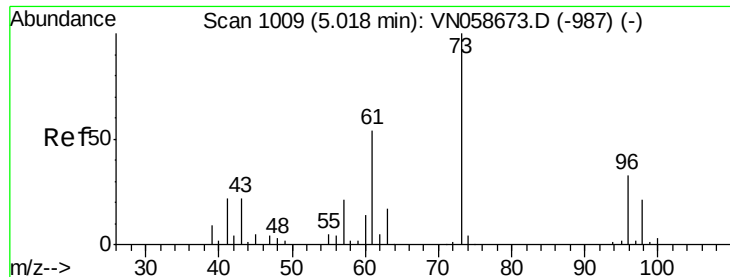
Tot Ion	Ratio	Lower	Upper
41	100		
39	71.7	39.6	118.8
76	32.9	17.6	52.9



#18
Methylene Chloride
Concen: 21.003 ug/l
RT: 4.53 min Scan# 857
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.9	106.6	160.0
51	41.4	32.4	48.6
86	64.3	50.6	76.0

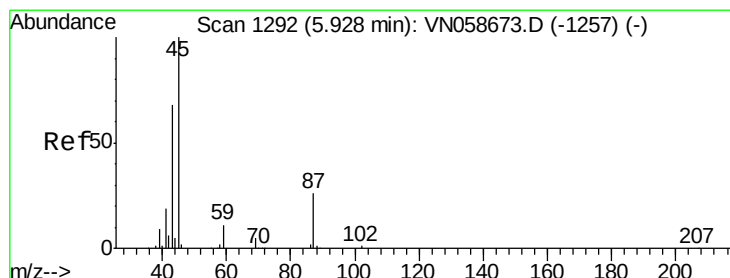
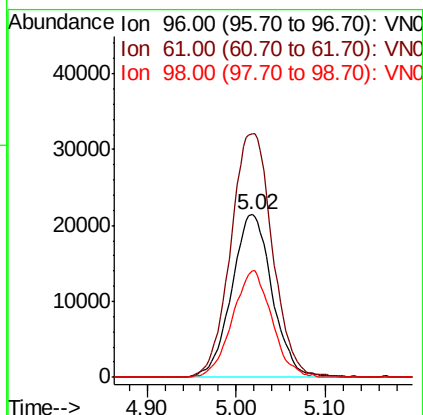
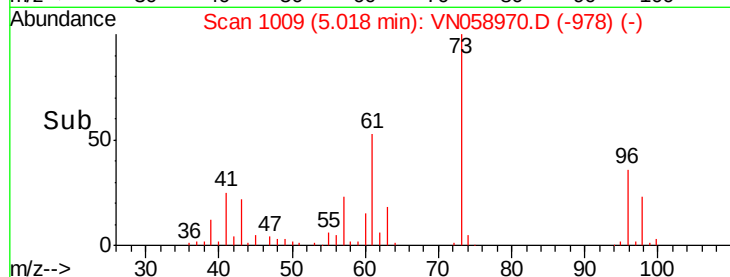
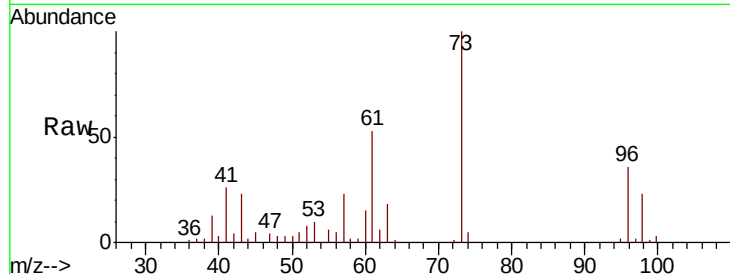




#19
trans-1,2-Dichloroethene
Concen: 20.377 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

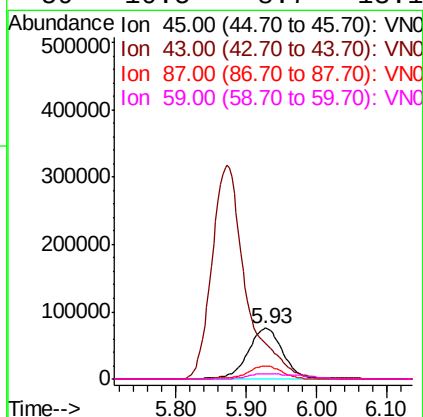
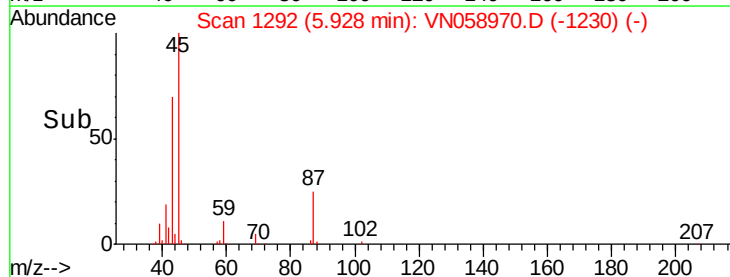
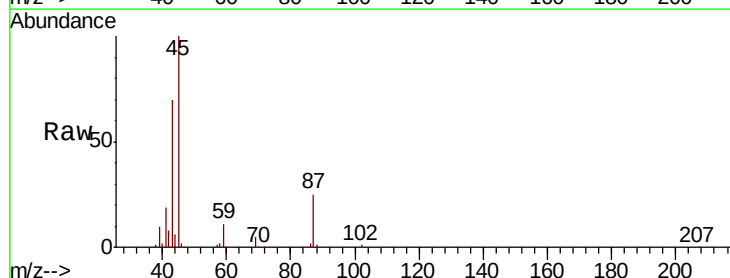
Instrument :
MSVOA_N
ClientSampleId :

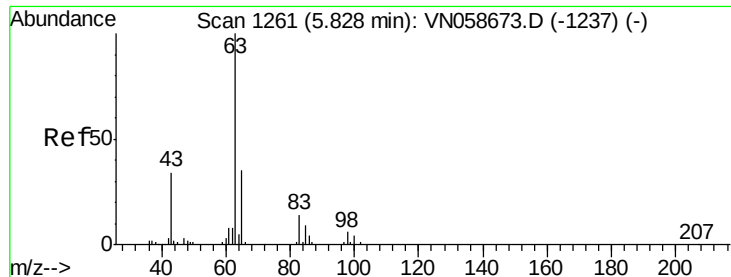
Tot Ion: 96 Resp: 67705
Ion Ratio Lower Upper
96 100
61 149.4 131.8 197.6
98 65.5 52.6 79.0



#20
Diisopropyl ether
Concen: 20.967 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Tgt Ion: 45 Resp: 259492
Ion Ratio Lower Upper
45 100
43 67.7 54.7 82.1
87 24.9 21.5 32.3
59 10.5 8.7 13.1

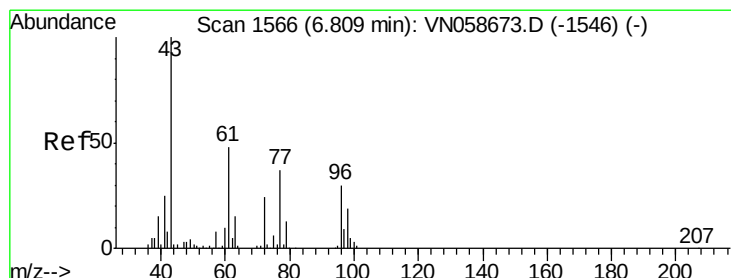
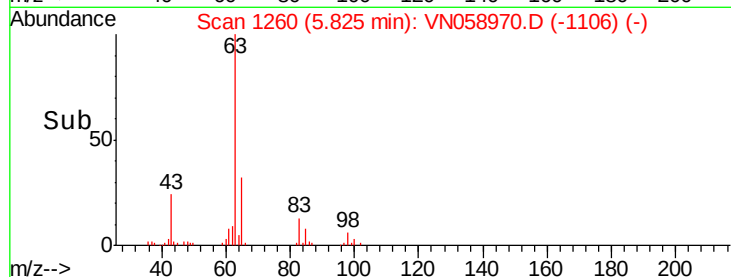
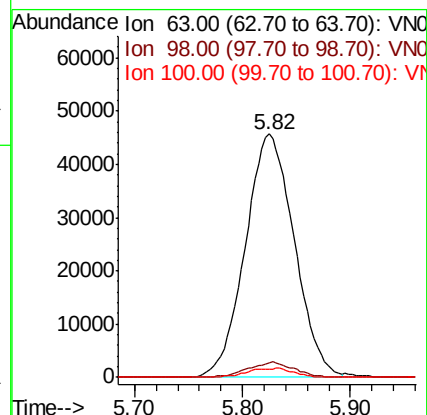
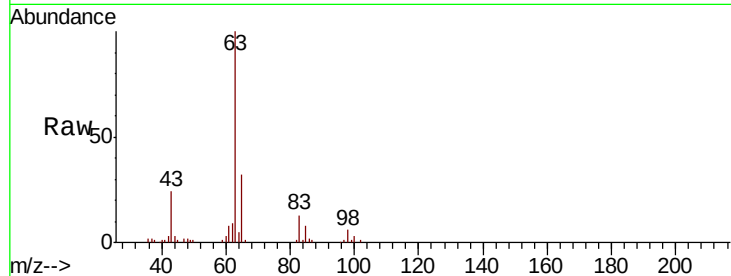




#21
 1,1-Dichloroethane
 Concen: 21.012 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

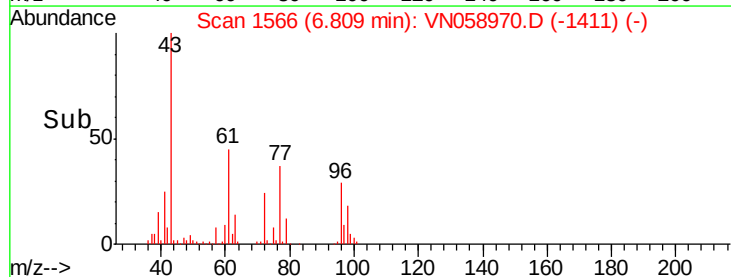
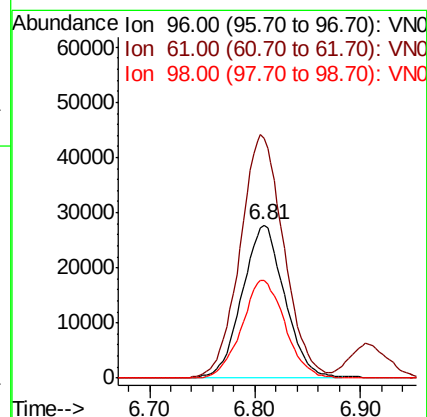
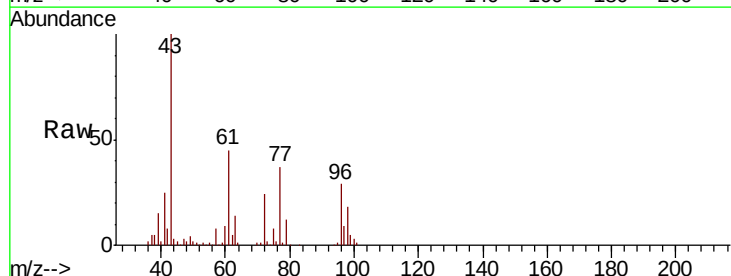
Instrument :
 MSVOA_N
 ClientSampleId :

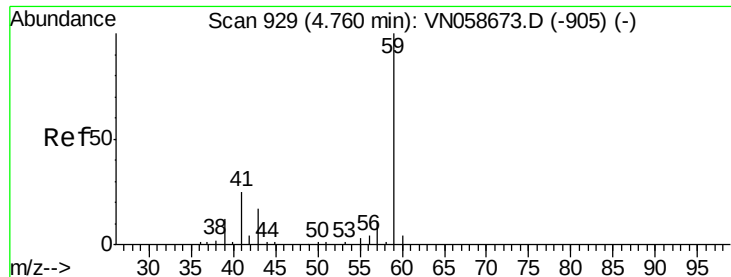
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.1	2.9	8.6
100	3.2	1.8	5.5



#22
 cis-1,2-Dichloroethene
 Concen: 19.646 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.1	127.2	190.8
98	64.9	50.5	75.7



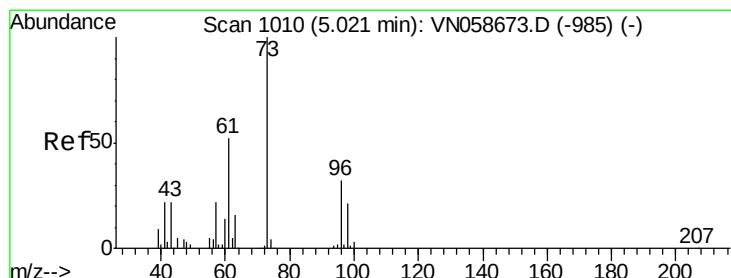
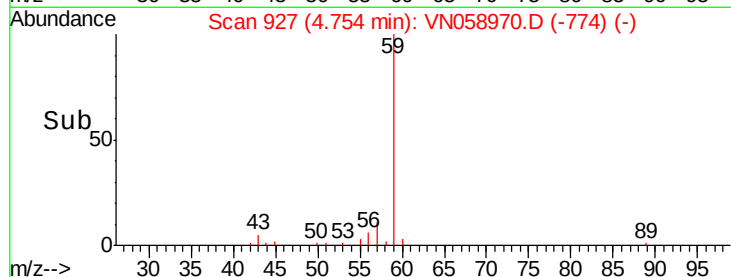
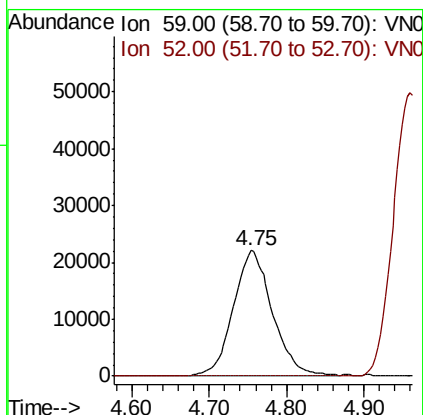
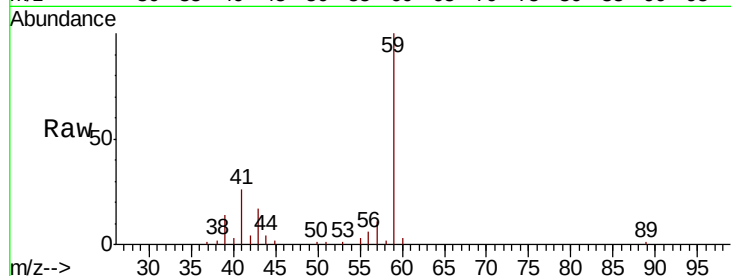


#23

tert-Butyl Alcohol
 Concen: 98.721 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Instrument :
 MSVOA_N
 ClientSampled :

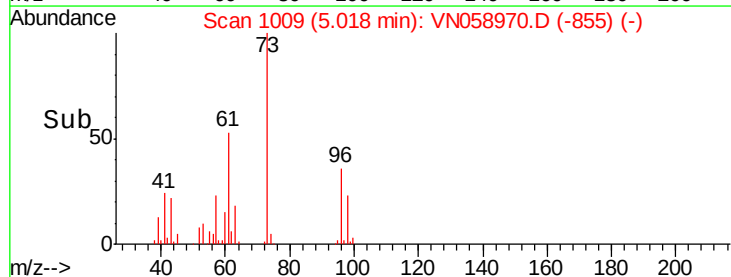
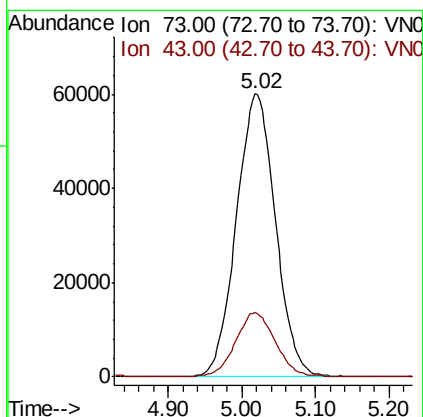
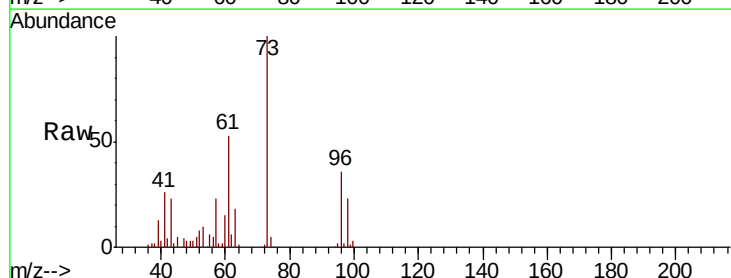
Tot Ion: 59 Resp: 77691
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

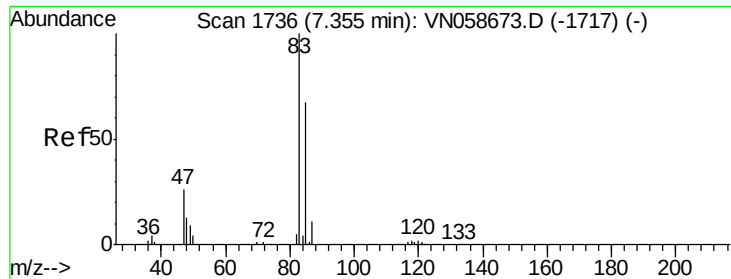


#24

Methyl tert-Butyl Ether
 Concen: 19.494 ug/l
 RT: 5.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Tgt Ion: 73 Resp: 221950
 Ion Ratio Lower Upper
 73 100
 43 22.8 17.9 26.9





#25

Chloroform

Concen: 20.756 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

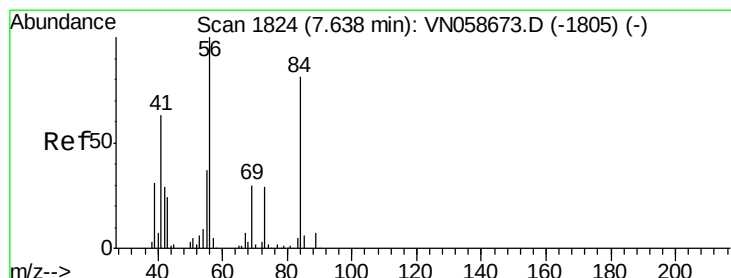
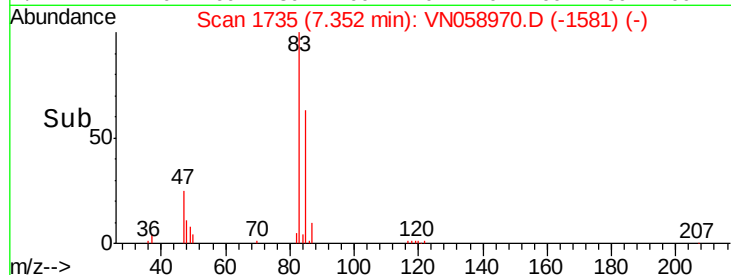
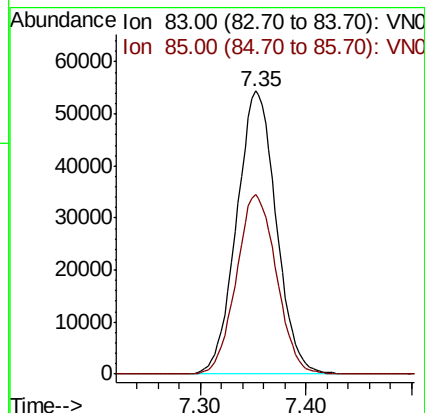
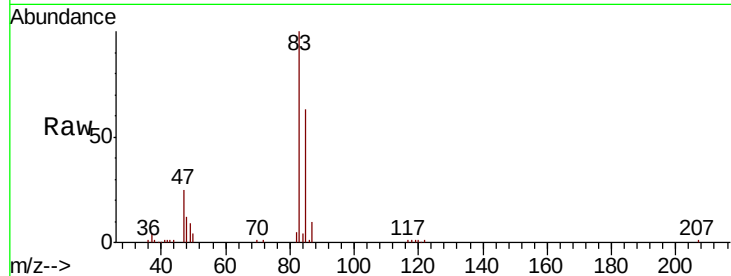
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 141875

Ion Ratio Lower Upper

83 100

85 63.4 53.8 80.8



#26

Cyclohexane

Concen: 19.309 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

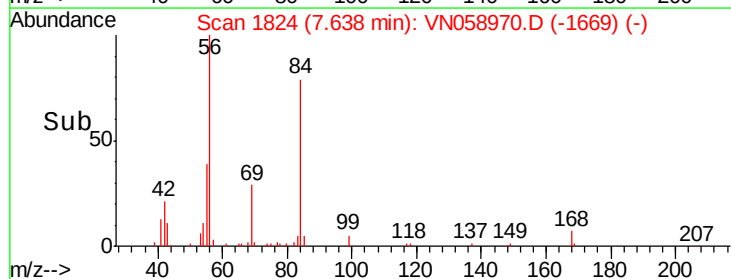
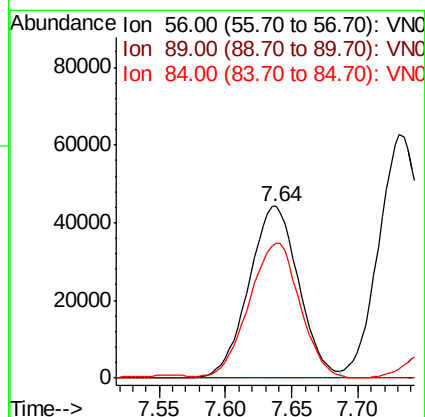
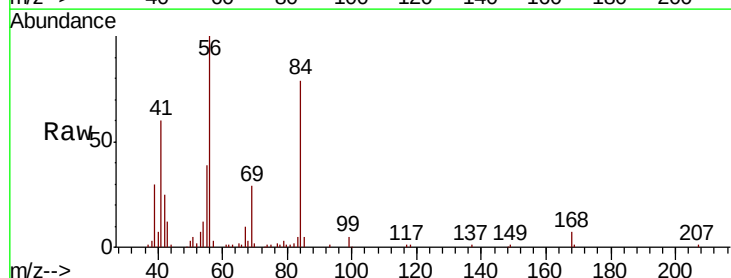
Tgt Ion: 56 Resp: 116152

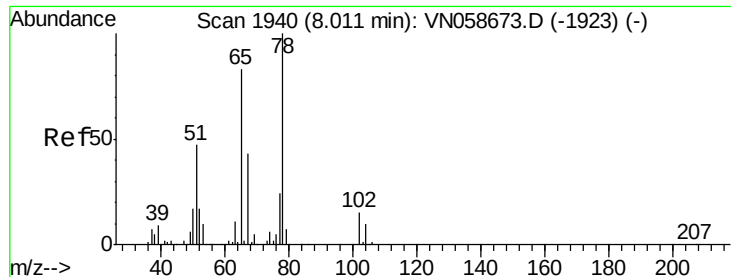
Ion Ratio Lower Upper

56 100

89 0.0 6.2 9.2#

84 80.2 65.6 98.4

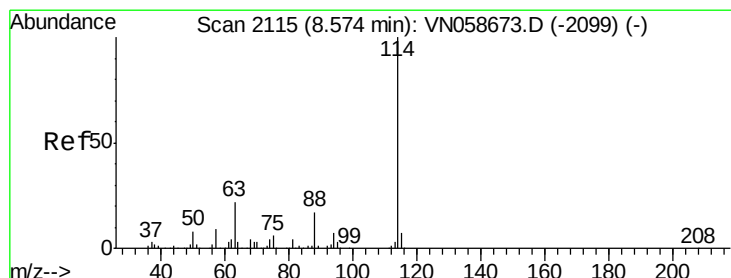
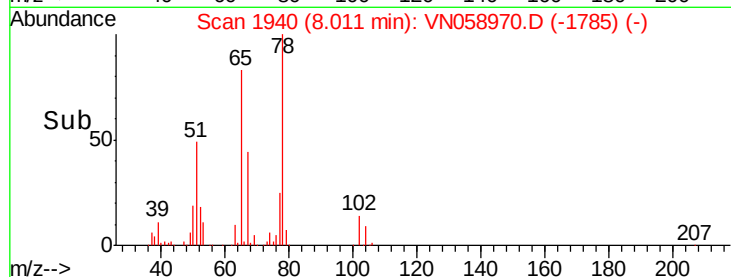
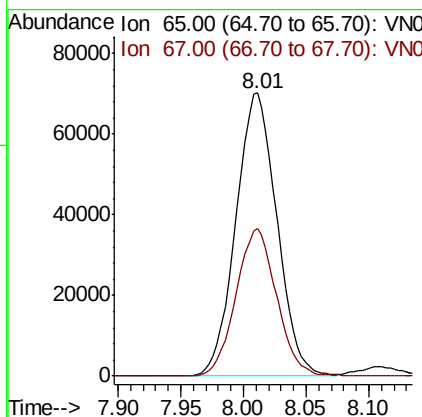
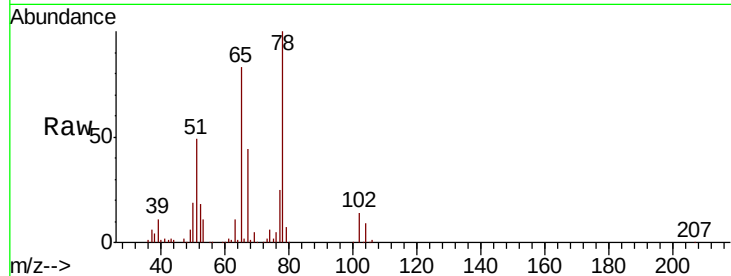




#27
 1,2-Dichloroethane-d4
 Concen: 32.306 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

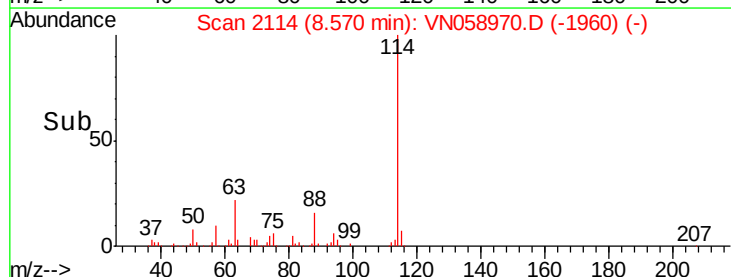
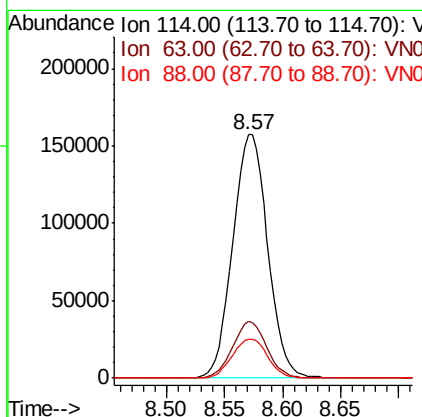
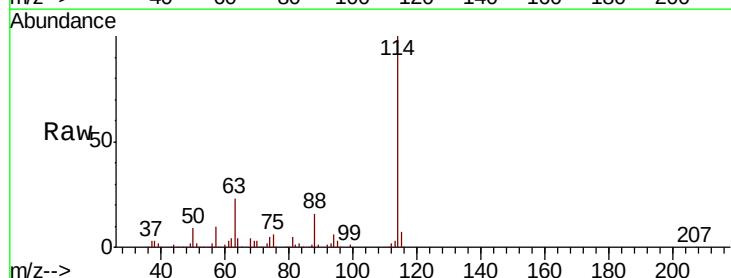
Instrument :
 MSVOA_N
 ClientSampleId :

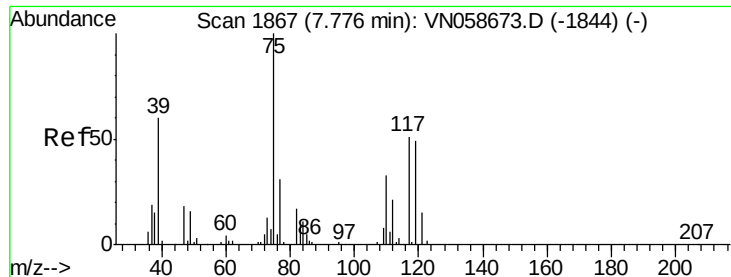
Tot Ion: 65 Resp: 159939
 Ion Ratio Lower Upper
 65 100
 67 51.6 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Tgt Ion: 114 Resp: 328835
 Ion Ratio Lower Upper
 114 100
 63 22.7 18.1 27.1
 88 16.4 13.0 19.4

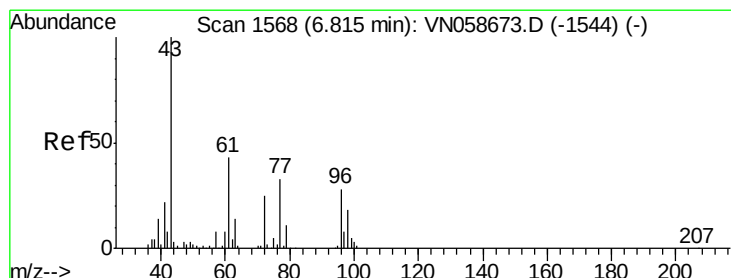
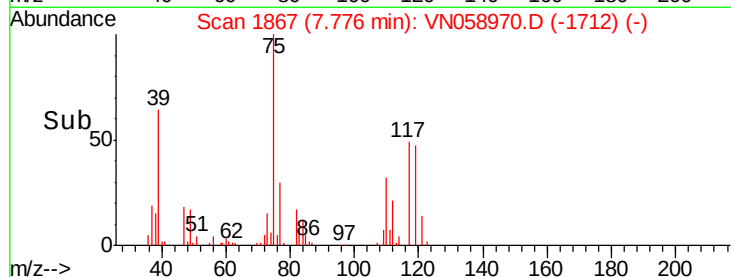
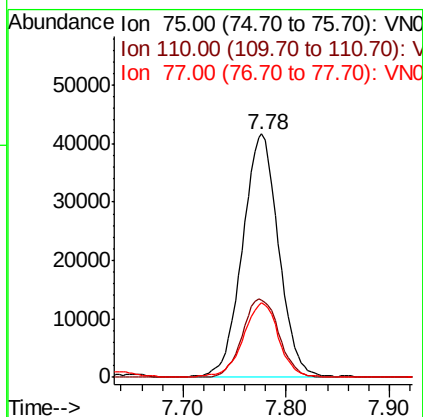
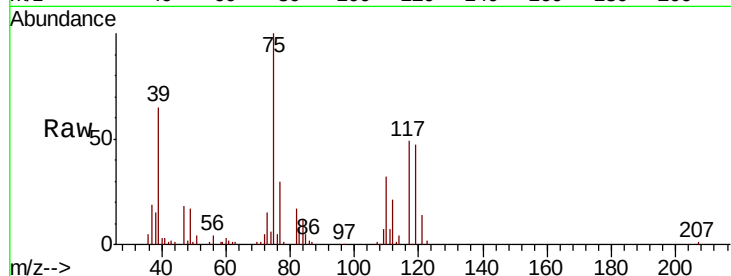




#29
 1,1-Dichloropropene
 Concen: 19.628 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

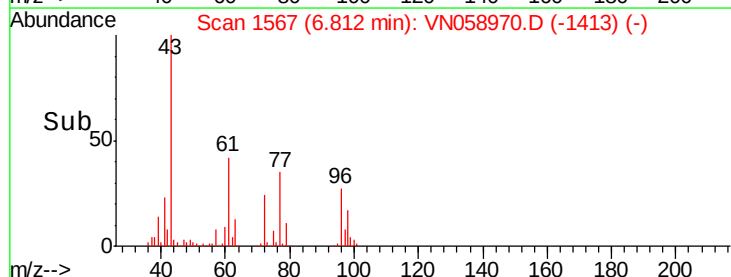
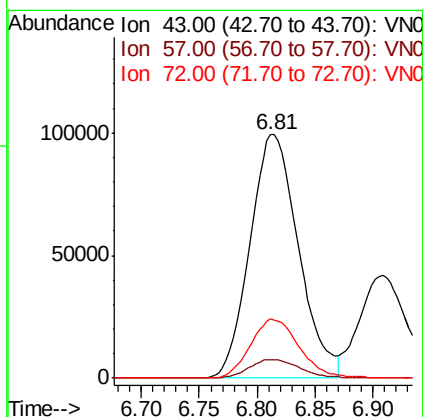
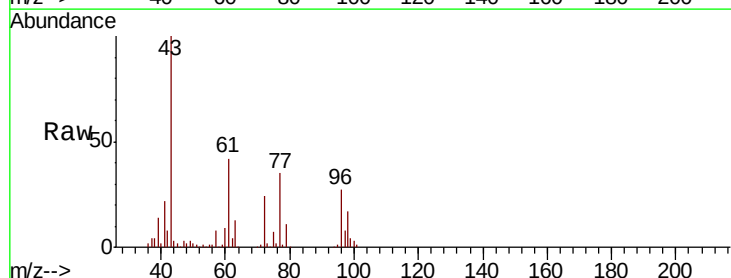
Instrument :
 MSVOA_N
 ClientSampled :

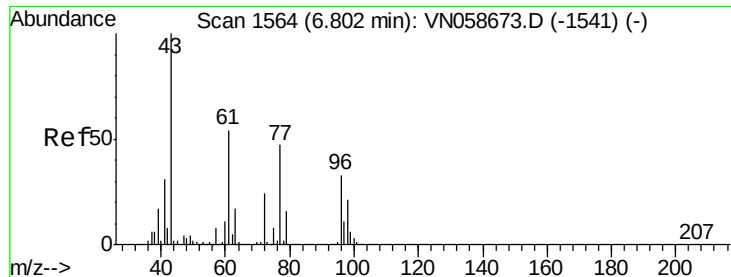
Tot Ion	Ratio	Lower	Upper
75	100		
110	32.5	0.0	64.6
77	30.0	0.0	60.8



#30
 2-Butanone
 Concen: 98.417 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.5	9.7
72	24.6	20.1	30.1

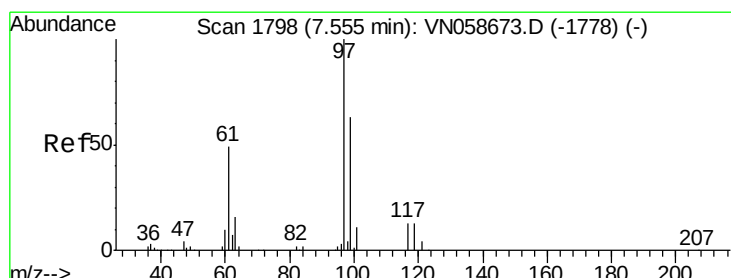
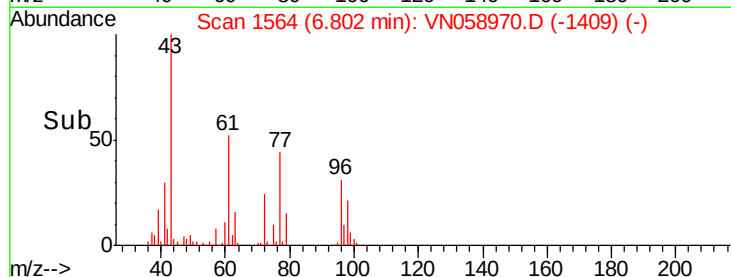
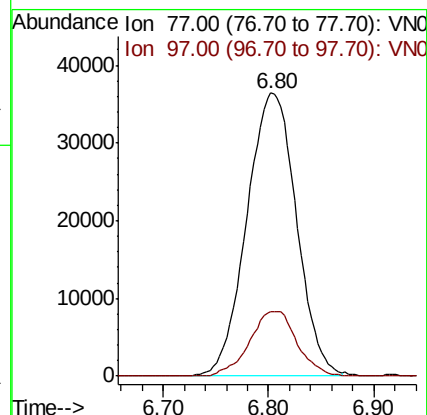
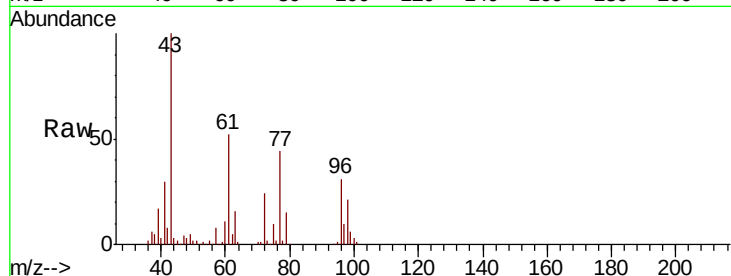




#31
 2,2-Dichloropropane
 Concen: 19.546 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

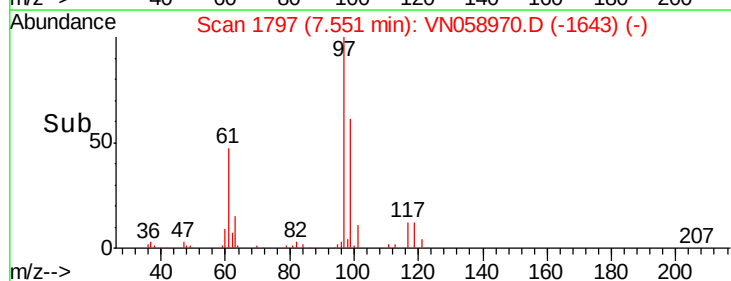
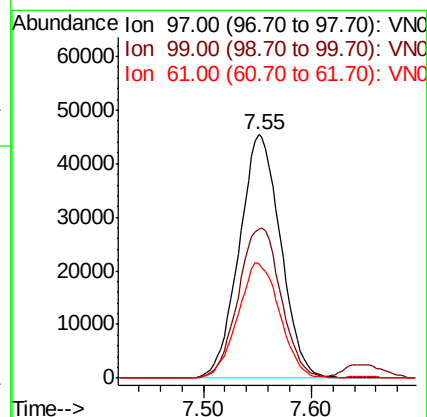
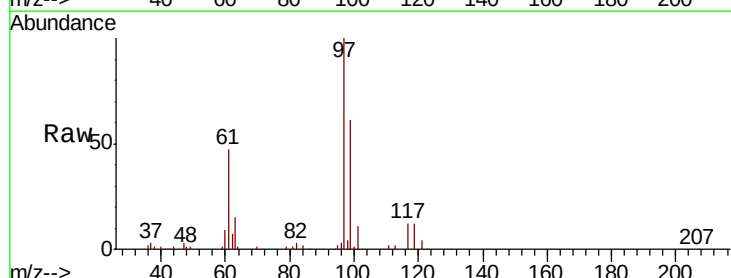
Instrument :
 MSVOA_N
 ClientSampled :

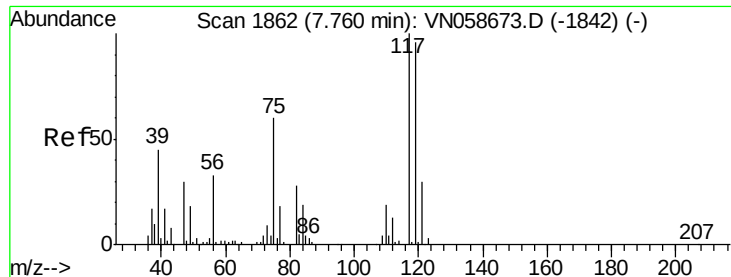
Tot Ion: 77 Resp: 119250
 Ion Ratio Lower Upper
 77 100
 97 21.8 17.9 26.9



#32
 1,1,1-Trichloroethane
 Concen: 20.249 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Tgt Ion: 97 Resp: 121226
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.3 76.9
 61 47.9 38.4 57.6

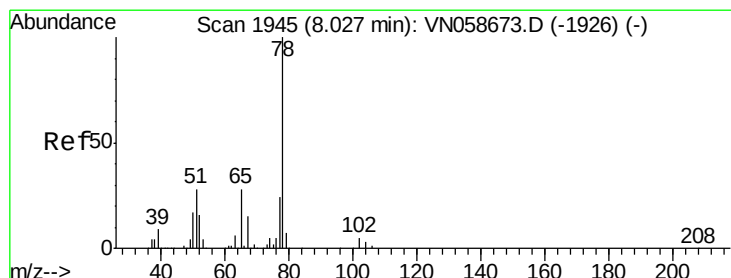
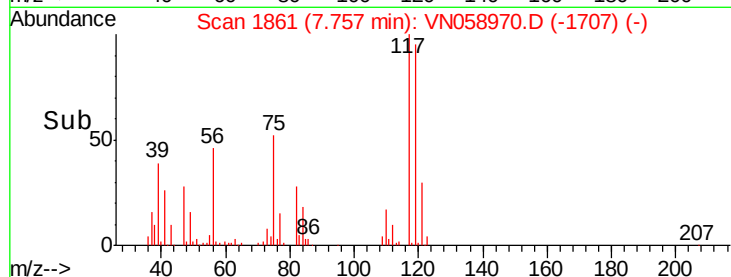
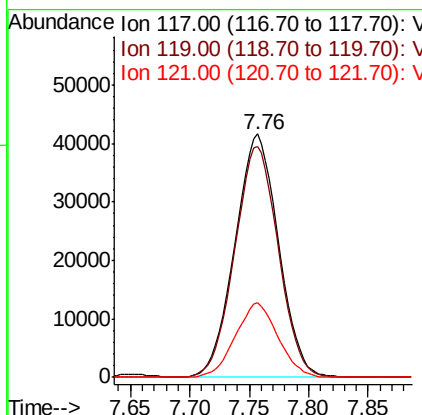
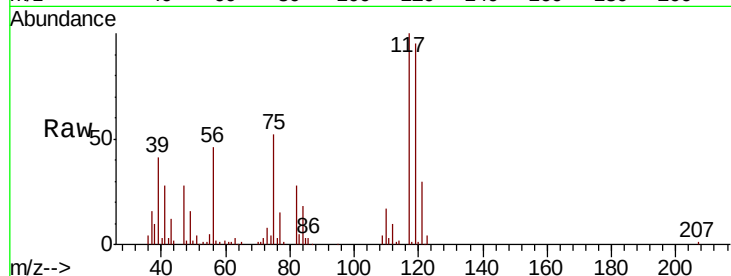




#33
Carbon Tetrachloride
Concen: 20.353 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

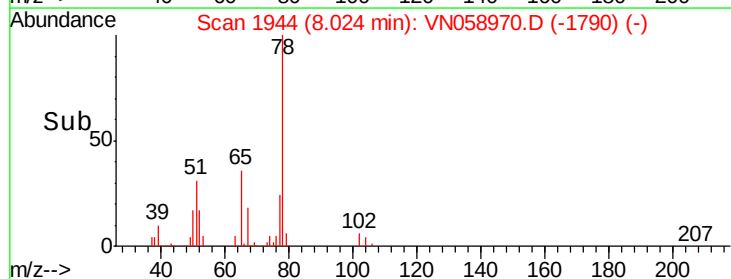
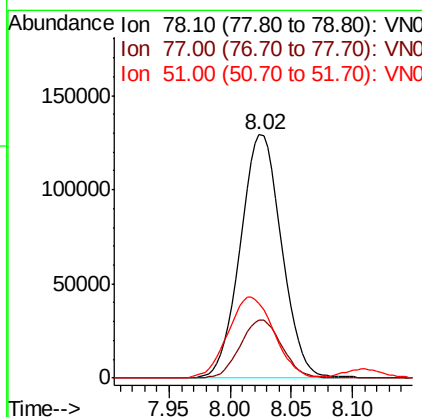
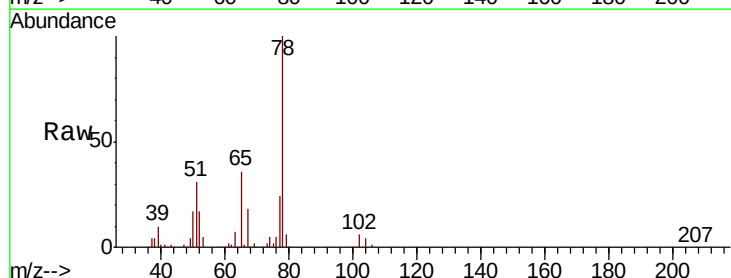
Instrument :
MSVOA_N
ClientSampled :

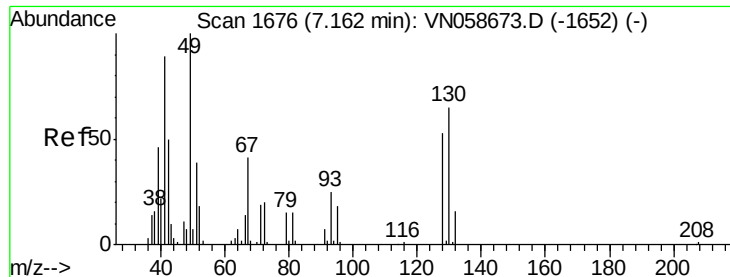
Tot Ion:117 Resp: 105473
Ion Ratio Lower Upper
117 100
119 94.9 76.9 115.3
121 30.5 23.8 35.8



#34
Benzene
Concen: 19.850 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Tgt Ion: 78 Resp: 302504
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8
51 30.3 22.1 33.1

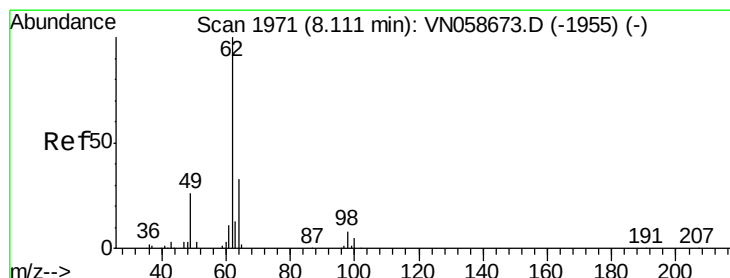
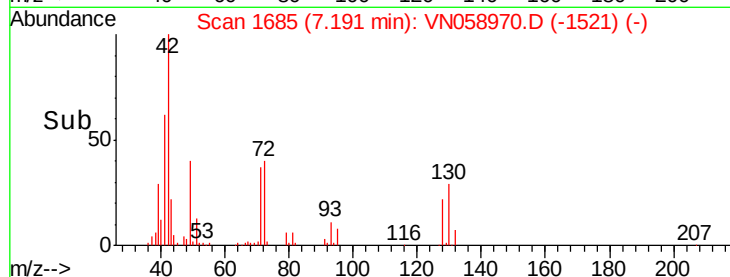
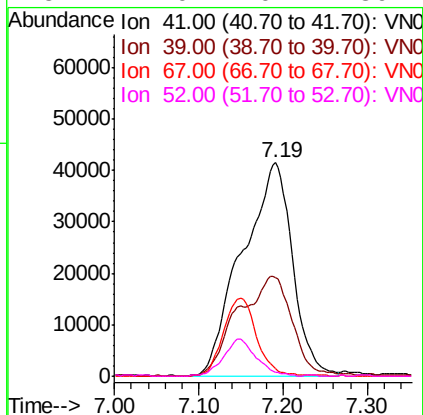
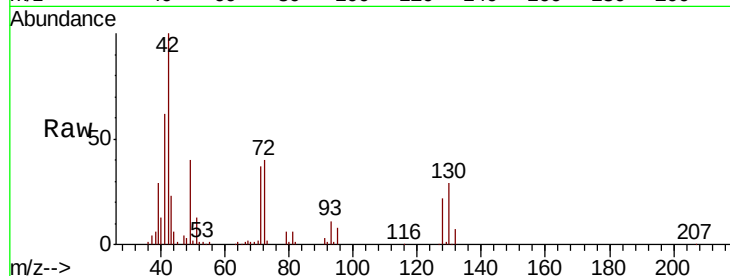




#35
Methacrylonitrile
Concen: 66.581 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.03 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

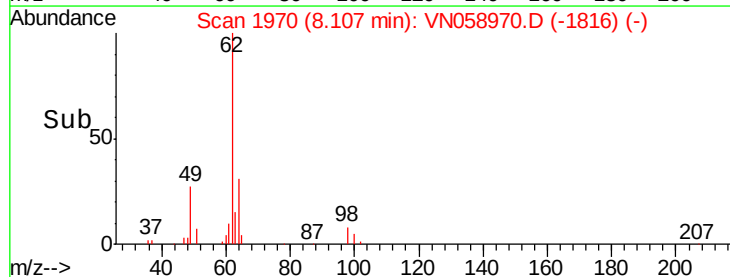
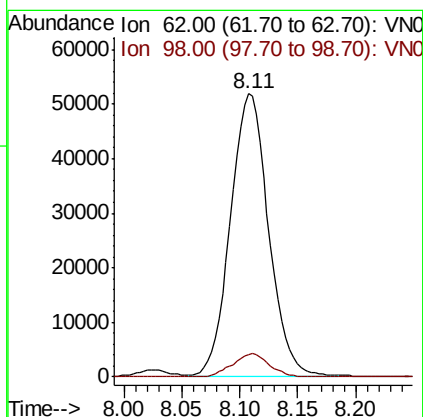
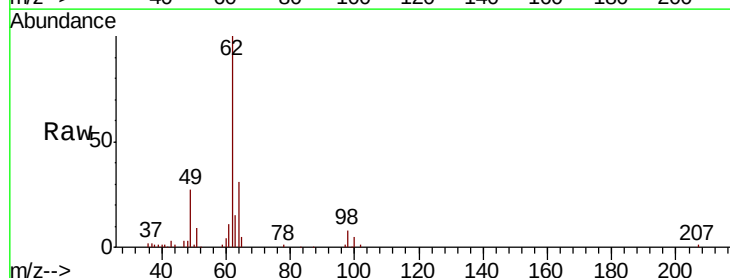
Instrument :
MSVOA_N
ClientSampled :

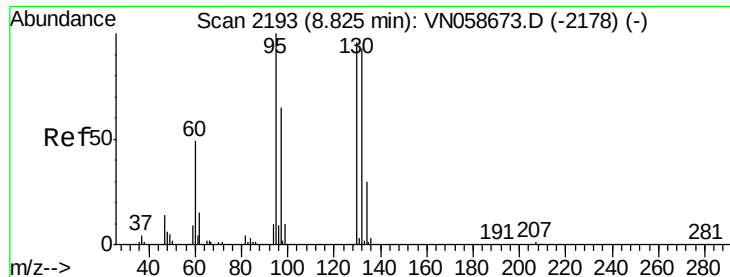
Tot Ion: 41 Resp: 172050
Ion Ratio Lower Upper
41 100
39 46.4 25.8 77.4
67 3.6 23.0 69.0#
52 2.0 10.1 30.1#



#36
1,2-Dichloroethane
Concen: 20.437 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Tgt Ion: 62 Resp: 119075
Ion Ratio Lower Upper
62 100
98 7.8 6.4 9.6





#37

Trichloroethene

Concen: 19.380 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

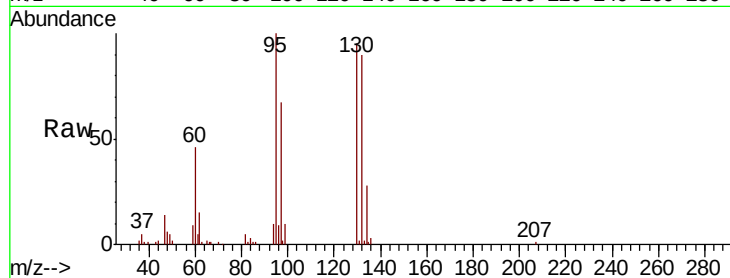
ClientSampleId :

Tot Ion:130 Resp: 72557

Ion Ratio Lower Upper

130 100

95 105.1 83.2 124.8



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.82

40000

30000

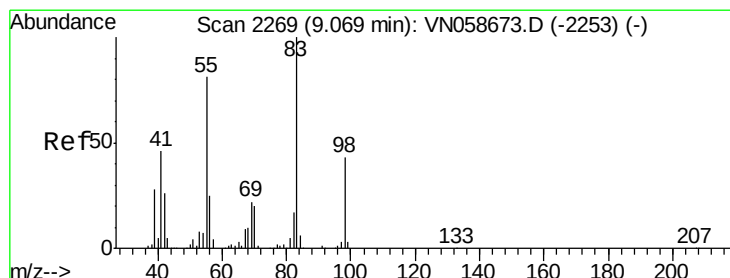
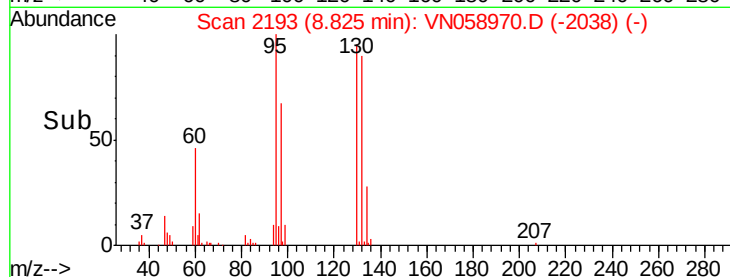
20000

10000

0

8.75 8.80 8.85 8.90

Time-->



#38

Methylcyclohexane

Concen: 17.752 ug/l

RT: 9.07 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

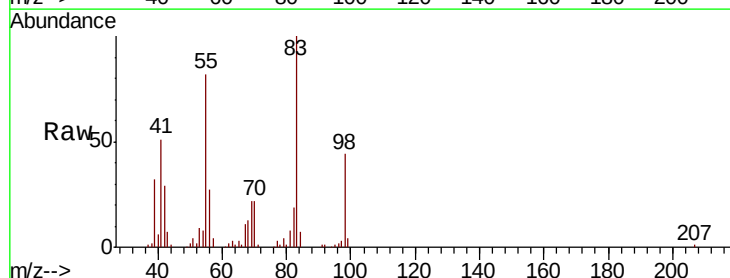
Tgt Ion: 83 Resp: 106542

Ion Ratio Lower Upper

83 100

55 83.8 40.4 121.1

98 44.0 21.6 65.0



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.07

60000

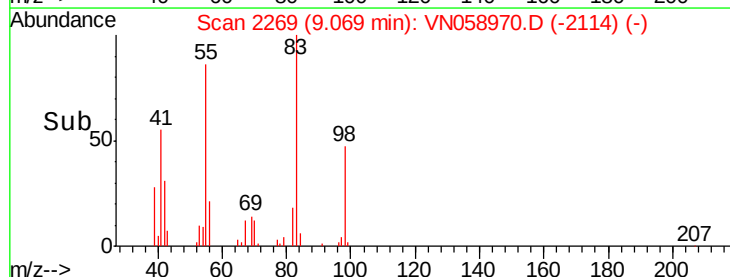
40000

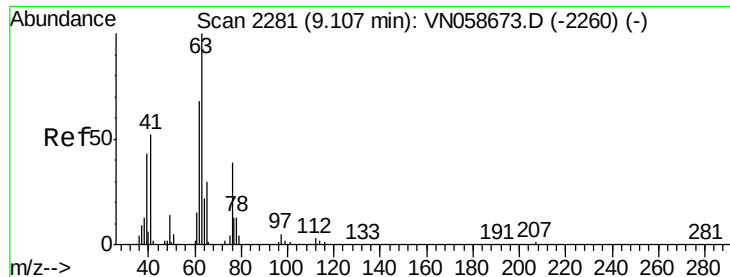
20000

0

9.00 9.05 9.10 9.15

Time-->

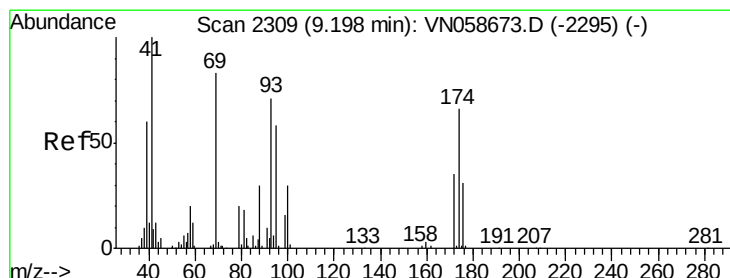
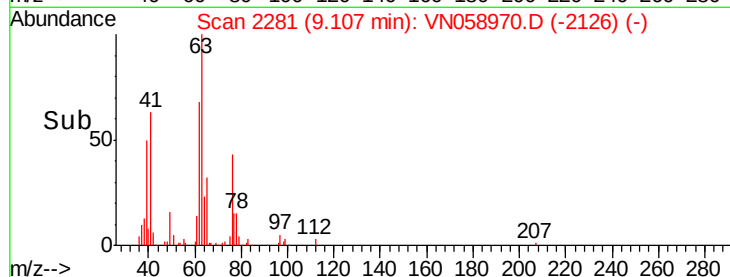
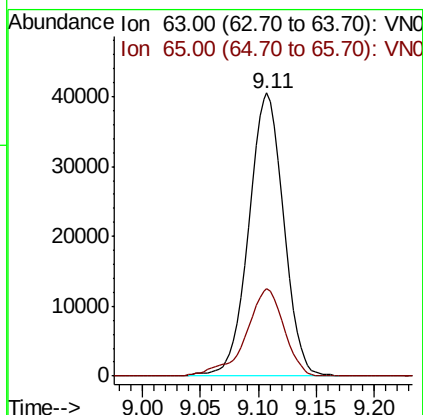
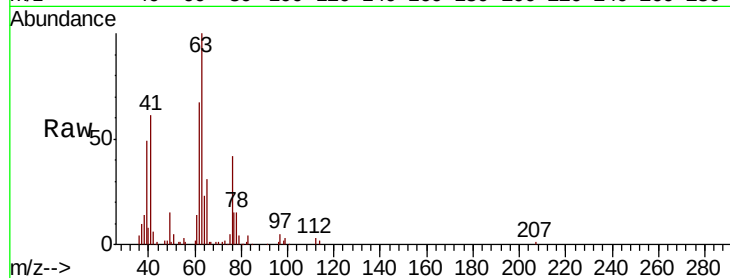




#39
 1,2-Dichloropropane
 Concen: 20.435 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

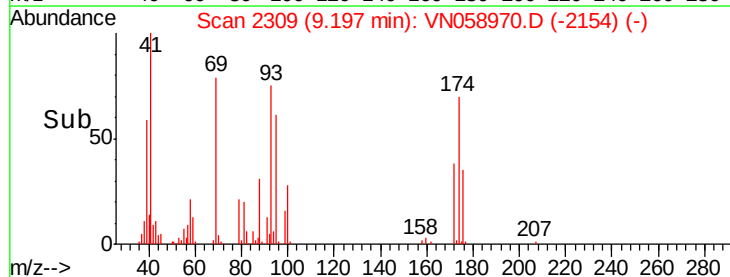
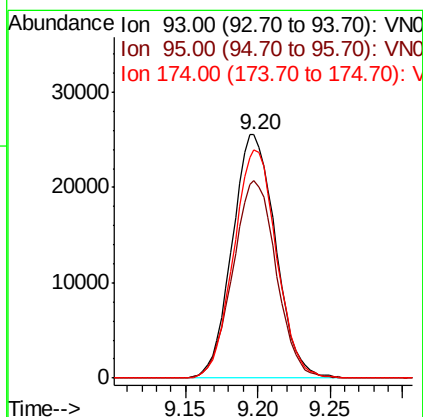
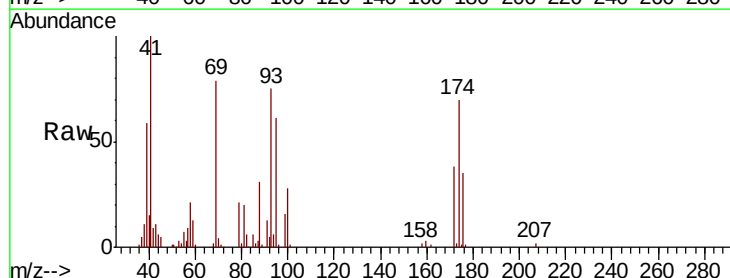
Instrument :
 MSVOA_N
 ClientSampleId :

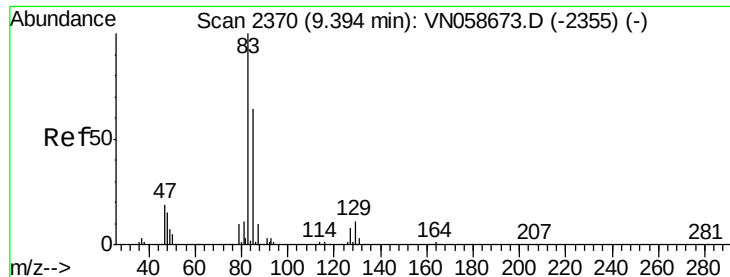
Tot Ion: 63 Resp: 85103
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.8 35.6



#40
 Dibromomethane
 Concen: 20.216 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Tgt Ion: 93 Resp: 53150
 Ion Ratio Lower Upper
 93 100
 95 81.0 0.0 167.6
 174 92.8 0.0 187.2





#41

Bromodichloromethane

Concen: 20.384 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

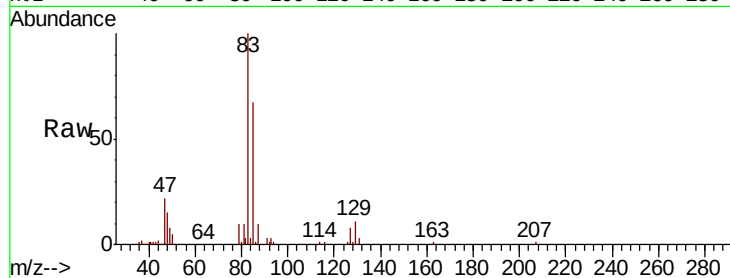
Tot Ion: 83 Resp: 109480

Ion Ratio Lower Upper

83 100

85 66.5 51.0 76.4

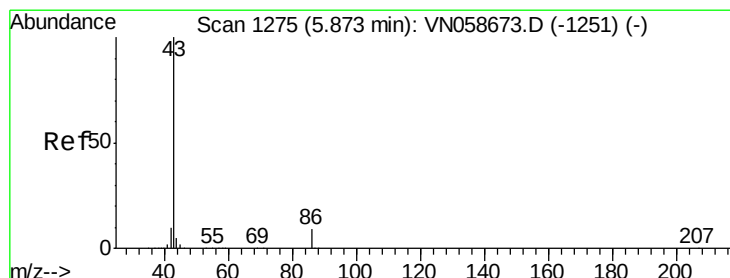
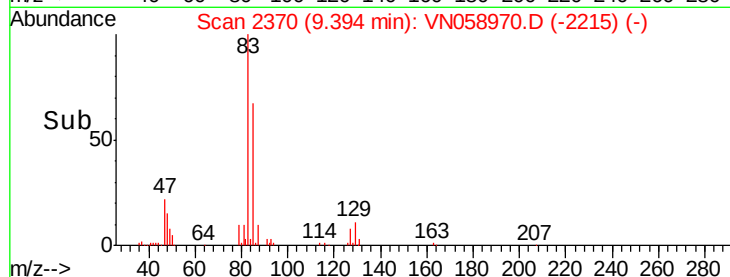
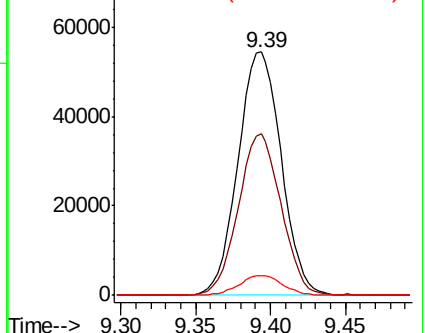
127 8.3 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN058970.D (-1120) (-)

Ion 85.00 (84.70 to 85.70): VN058970.D (-1120) (-)

Ion 127.00 (126.70 to 127.70): VN058970.D (-1120) (-)



#42

Vinyl Acetate

Concen: 104.075 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN058970.D

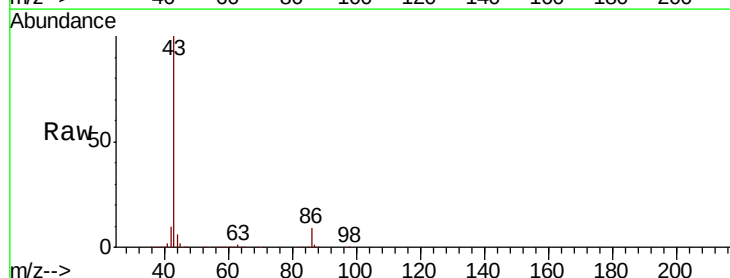
Acq: 24 Oct 2019 18:30

Tgt Ion: 43 Resp: 1066203

Ion Ratio Lower Upper

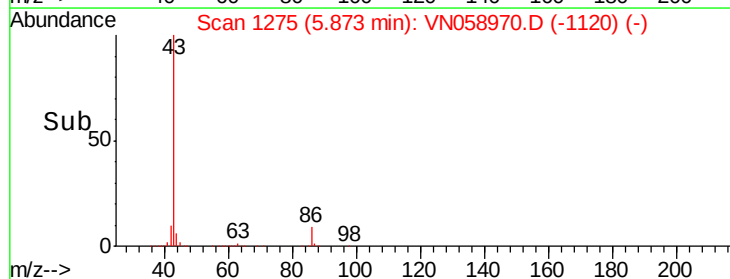
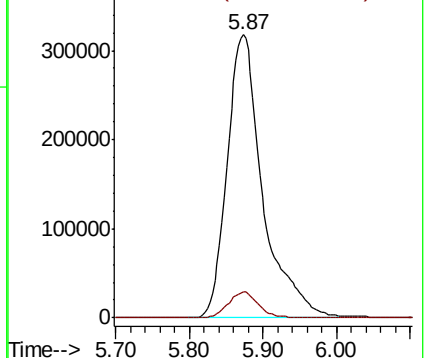
43 100

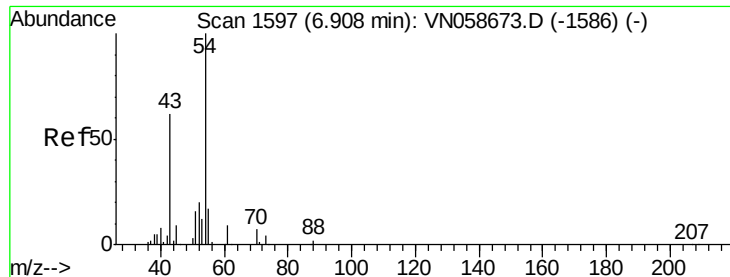
86 7.8 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN058970.D (-1120) (-)

Ion 86.00 (85.70 to 86.70): VN058970.D (-1120) (-)

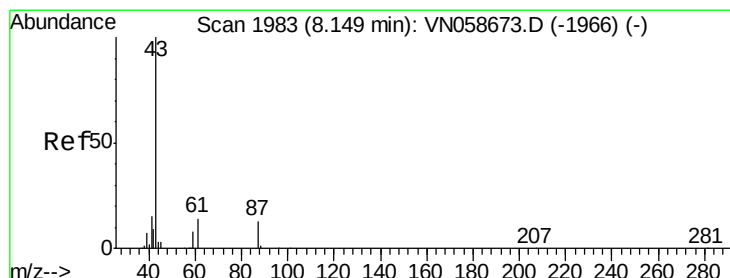
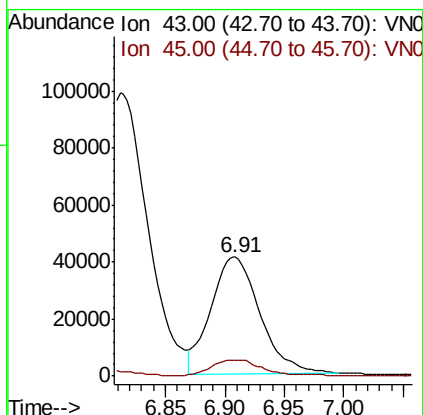
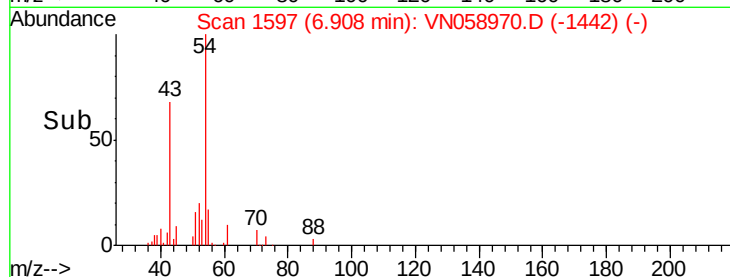
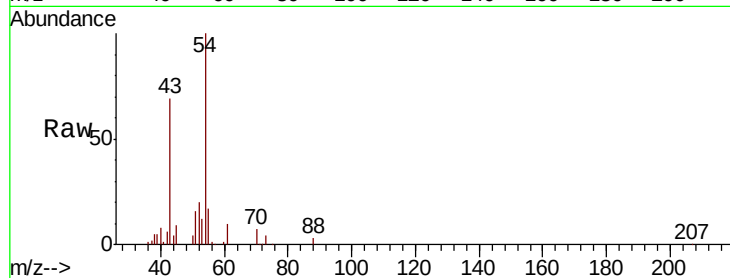




#43
Ethyl Acetate
Concen: 20.538 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

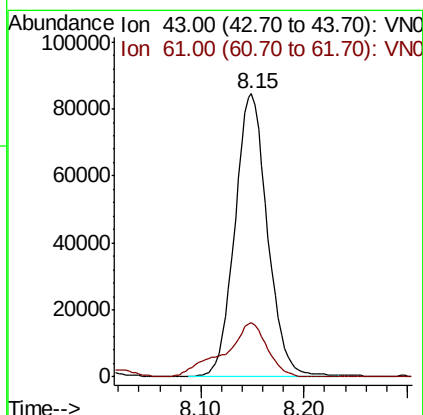
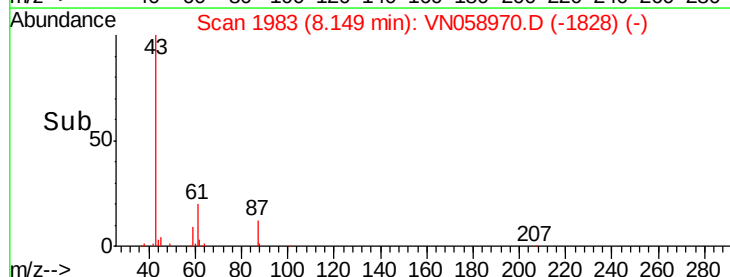
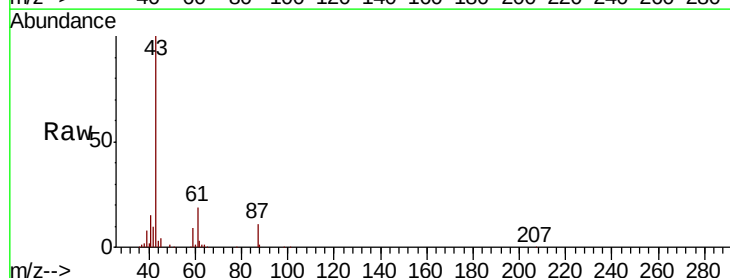
Instrument :
MSVOA_N
ClientSampled :

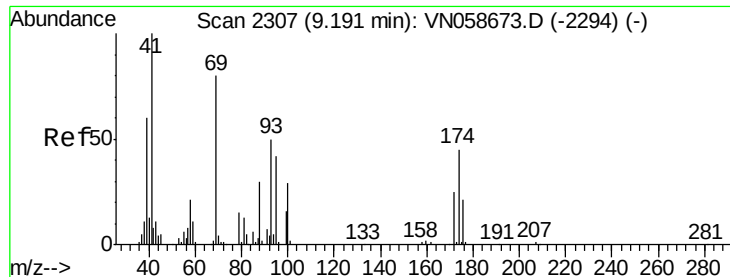
Tot Ion: 43 Resp: 117916
Ion Ratio Lower Upper
43 100
45 12.5 9.7 14.5



#44
Isopropyl Acetate
Concen: 19.823 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Tgt Ion: 43 Resp: 184354
Ion Ratio Lower Upper
43 100
61 25.5 19.9 29.9

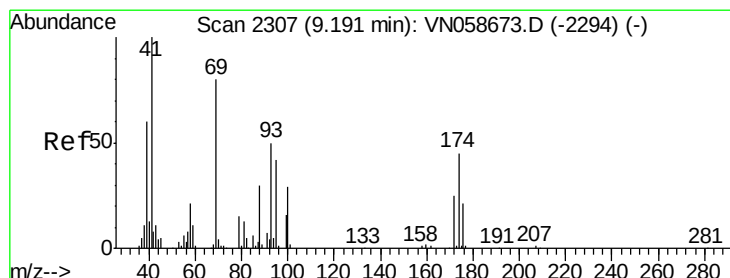
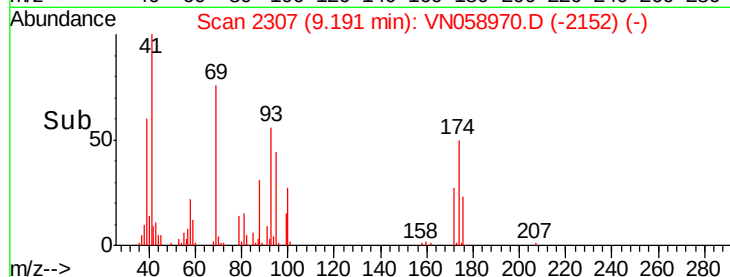
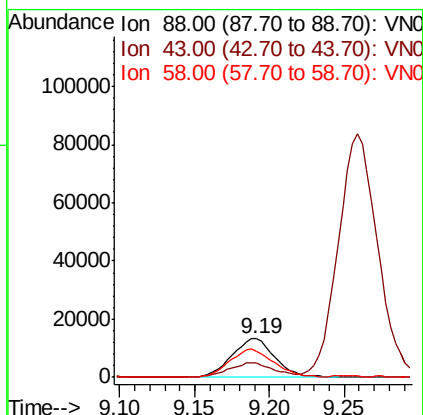
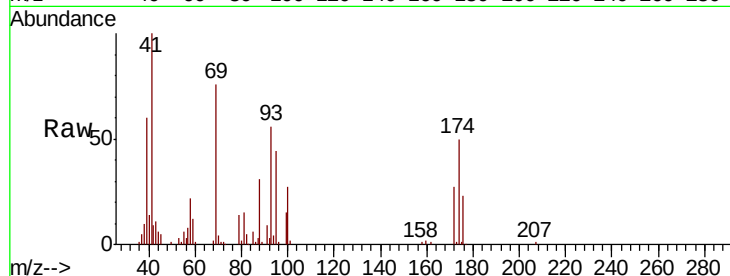




#45
 1,4-Dioxane
 Concen: 373.263 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

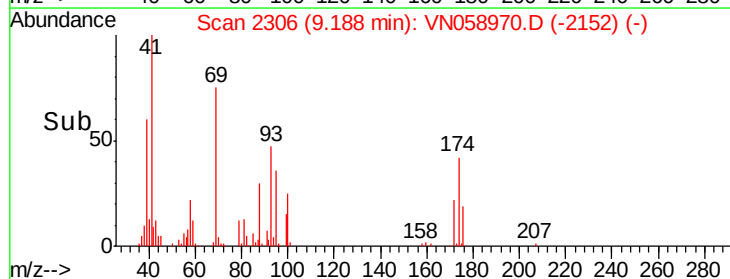
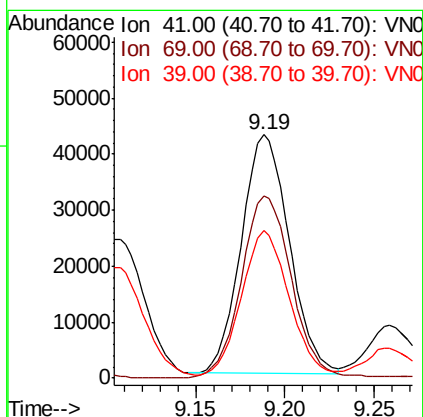
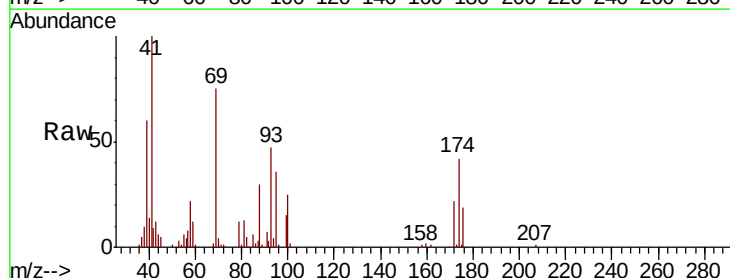
Instrument :
 MSVOA_N
 ClientSampled :

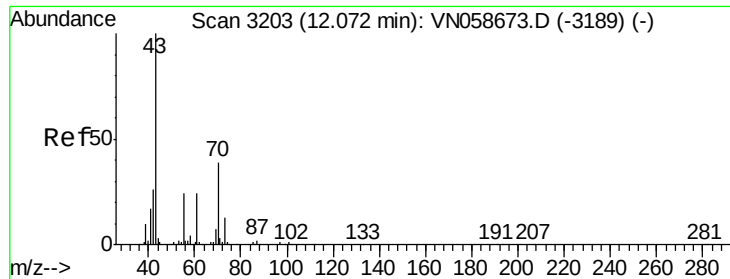
Tot Ion: 88 Resp: 26655
 Ion Ratio Lower Upper
 88 100
 43 36.8 29.8 44.8
 58 75.6 58.2 87.4



#46
 Methyl methacrylate
 Concen: 18.873 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Tgt Ion: 41 Resp: 80575
 Ion Ratio Lower Upper
 41 100
 69 76.6 40.2 120.5
 39 60.0 29.9 89.8





#47

n-amvl Acetate

Concen: 18.311 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

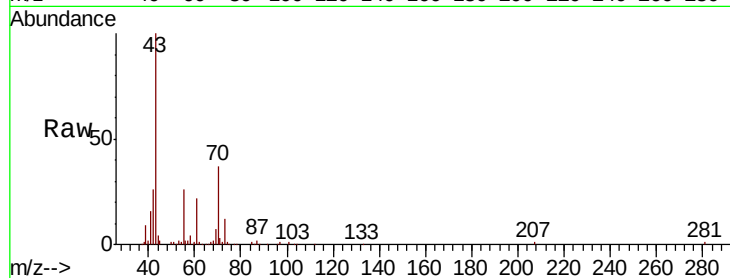
ClientSampled :

Tot Ion: 43 Resp: 150955

Ion Ratio Lower Upper

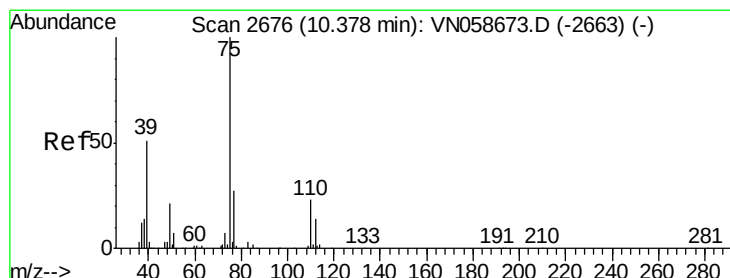
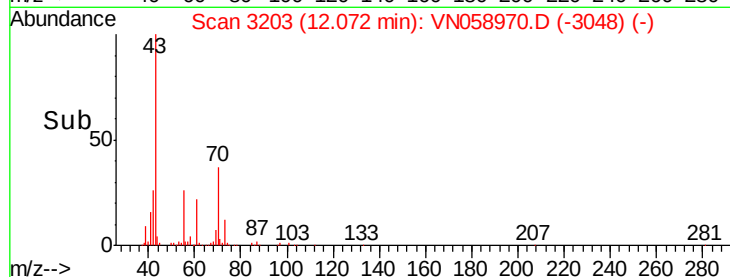
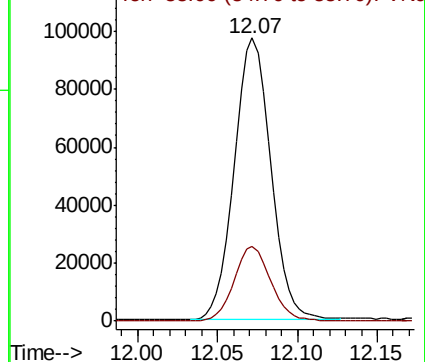
43 100

55 26.7 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 19.103 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN058970.D

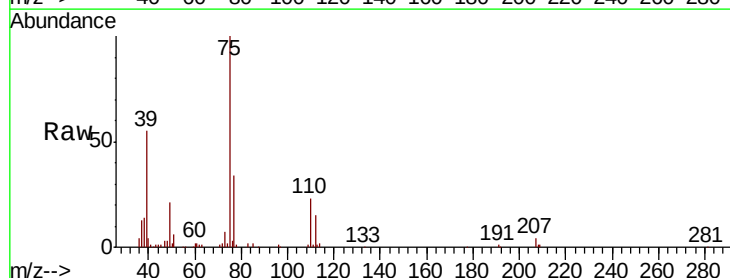
Acq: 24 Oct 2019 18:30

Tgt Ion: 75 Resp: 118994

Ion Ratio Lower Upper

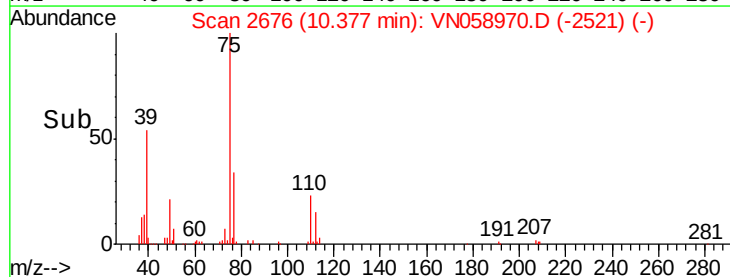
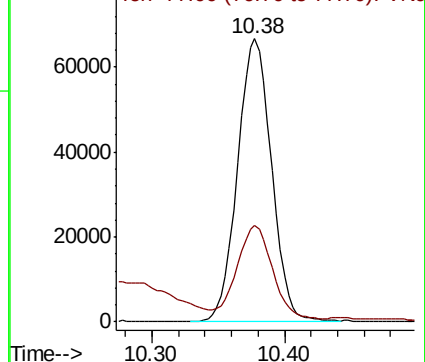
75 100

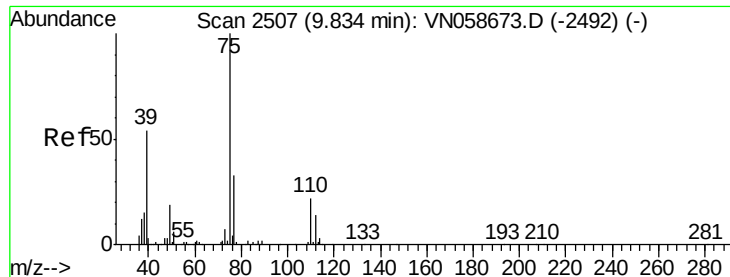
77 32.6 27.0 40.4



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



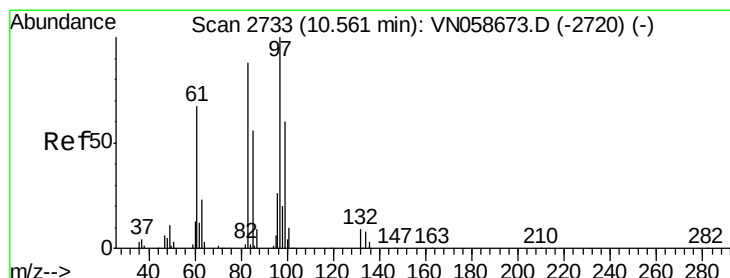
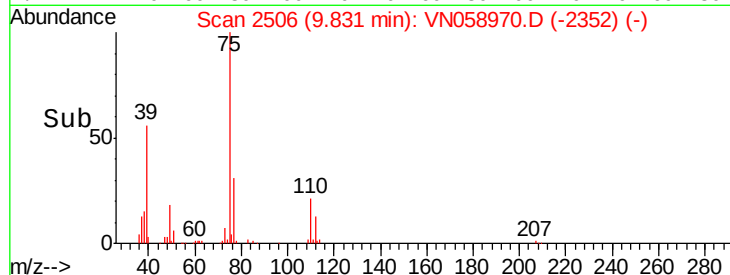
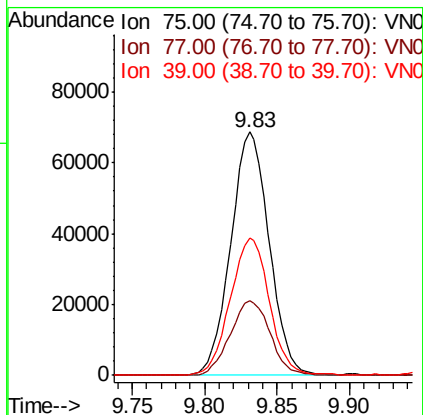
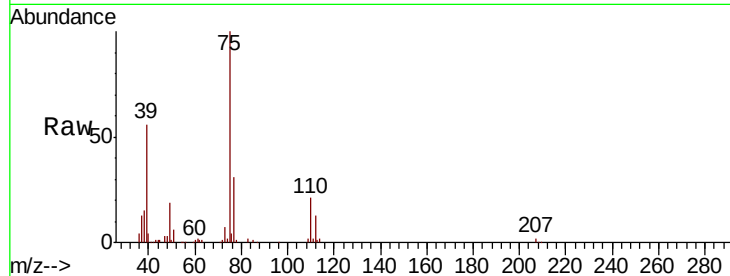


#49

cis-1,3-Dichloropropene
 Concen: 19.331 ug/l
 RT: 9.83 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Instrument :
 MSVOA_N
 ClientSampleId :

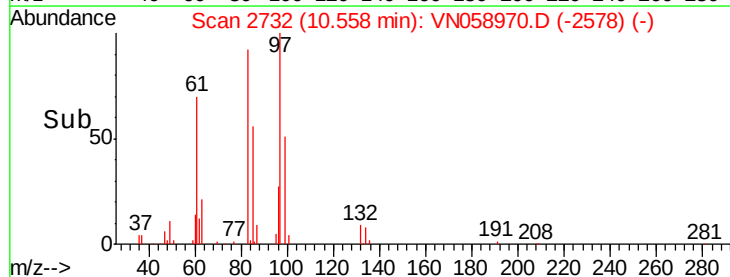
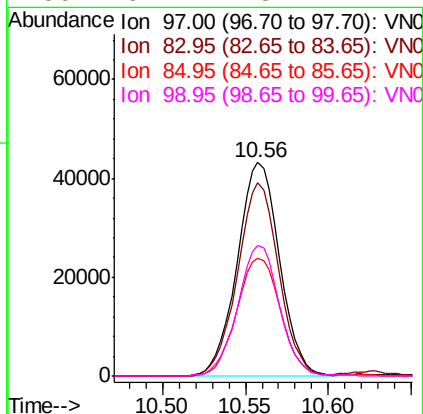
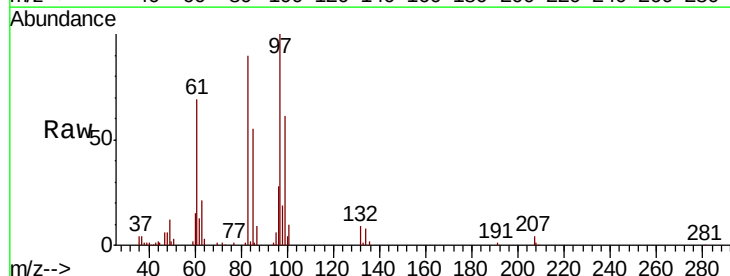
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	26.1	39.1
39	56.0	43.1	64.7

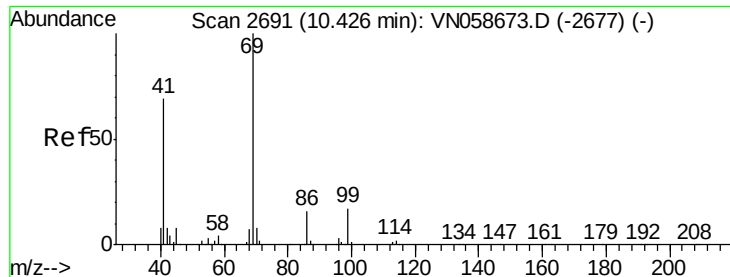


#50

1,1,2-Trichloroethane
 Concen: 20.474 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.2	70.7	106.1
85	55.1	45.1	67.7
99	61.1	48.2	72.4





#51

Ethyl methacrylate

Concen: 18.336 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

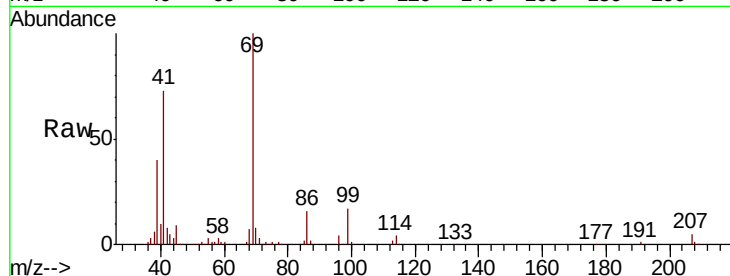
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 69 Resp: 110038

Ion	Ratio	Lower	Upper
69	100		
41	72.6	34.7	104.1
39	39.1	20.3	60.8

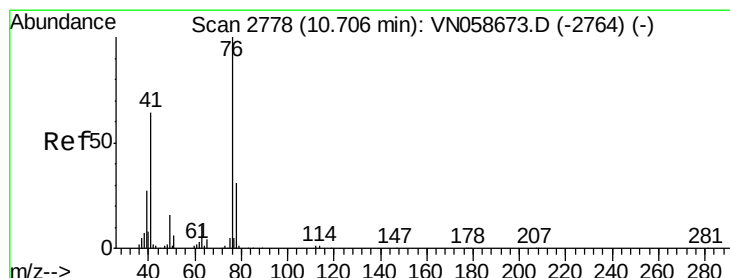
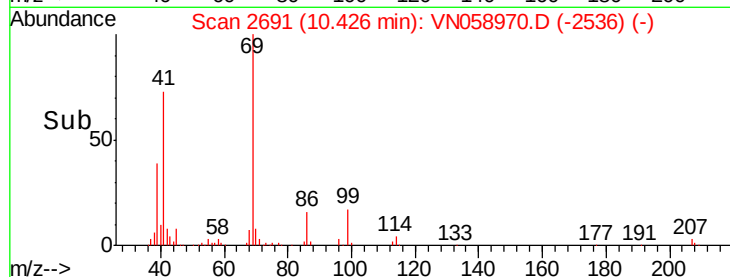
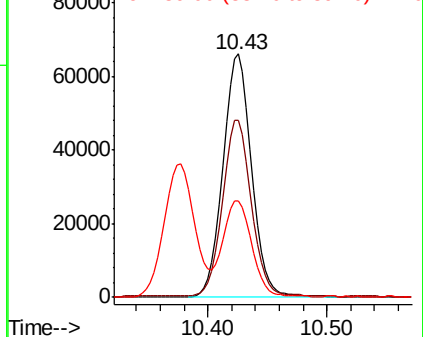


Abundance

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: 19.594 ug/l

RT: 10.70 min Scan# 2777

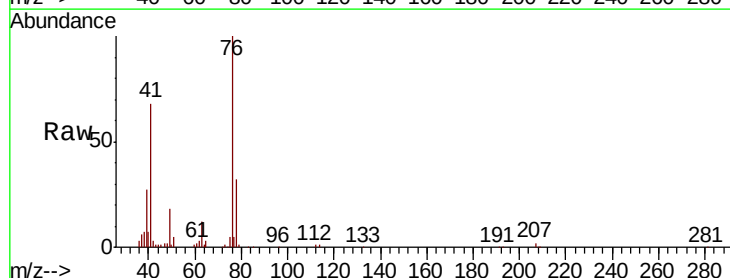
Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Tgt Ion: 76 Resp: 130964

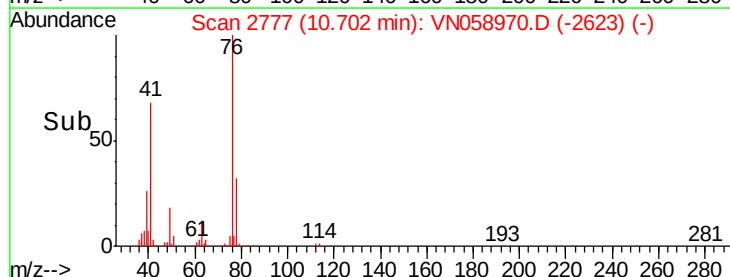
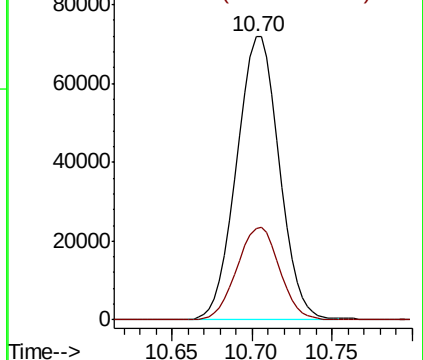
Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	63.2

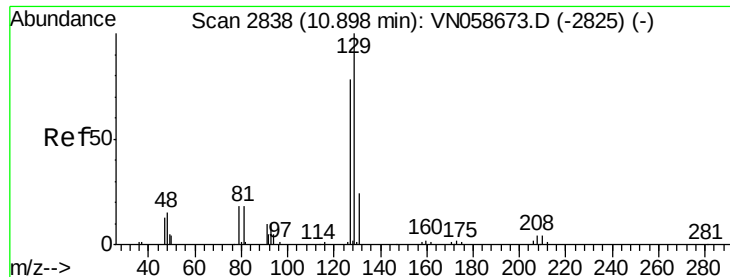


Abundance

Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 19.629 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

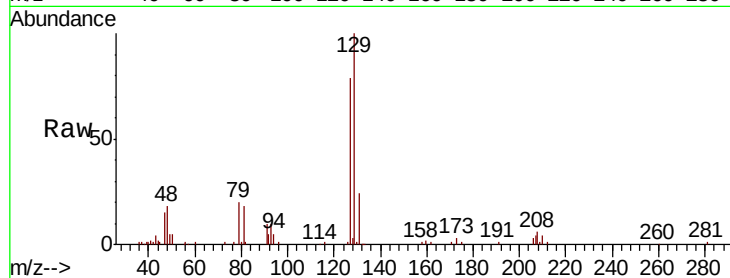
ClientSampleId :

Tot Ion:129 Resp: 79063

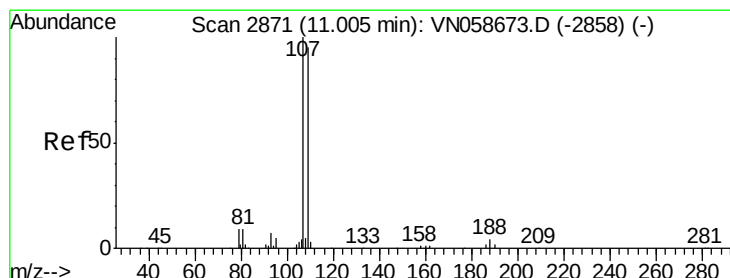
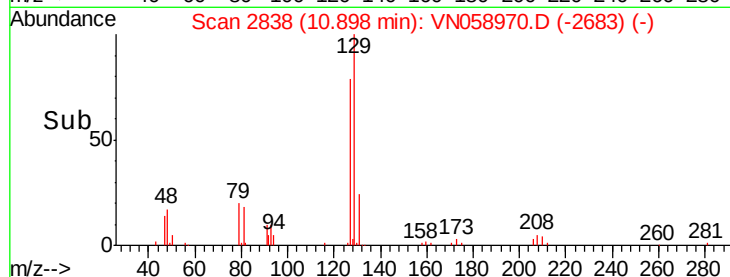
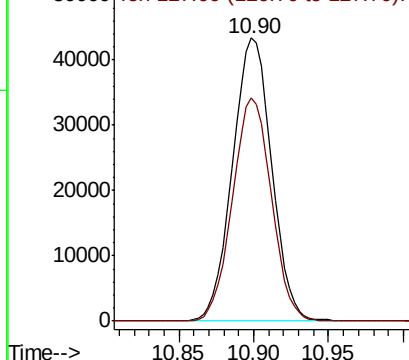
Ion Ratio Lower Upper

129 100

127 78.2 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.607 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. -0.00 min

Lab File: VN058970.D

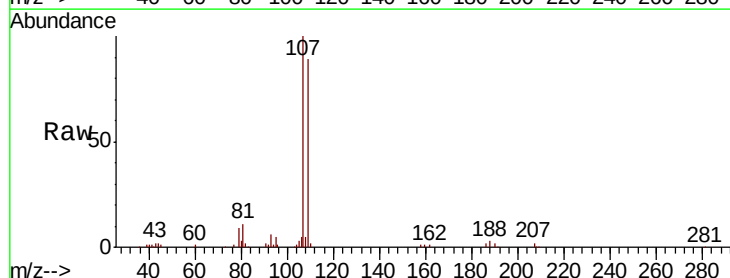
Acq: 24 Oct 2019 18:30

Tgt Ion:107 Resp: 76275

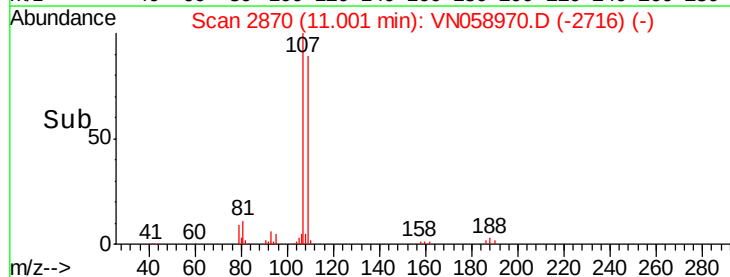
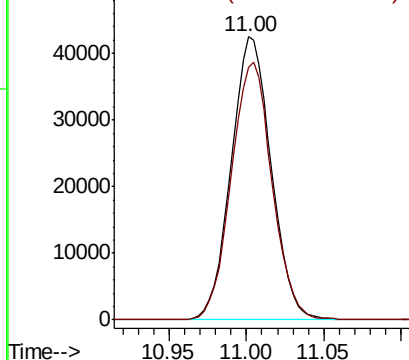
Ion Ratio Lower Upper

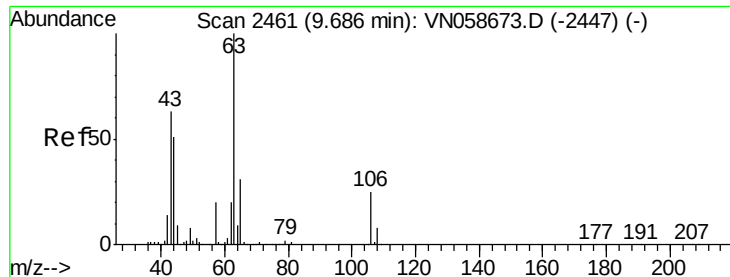
107 100

109 92.6 76.2 114.4



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

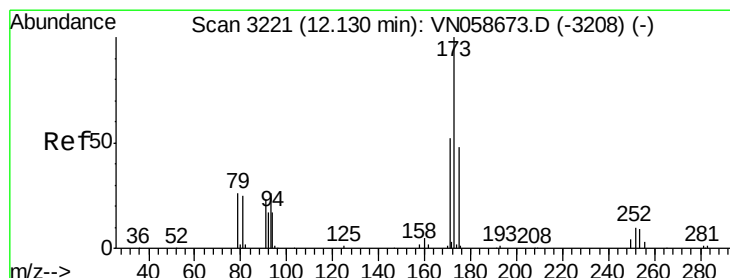
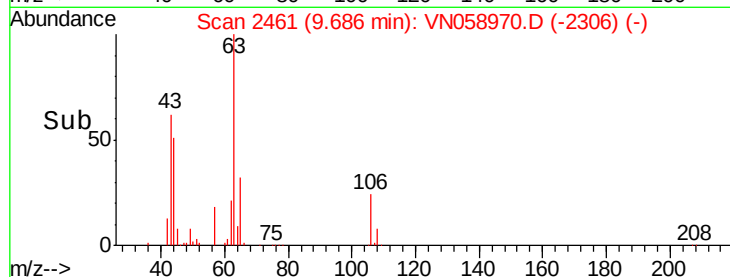
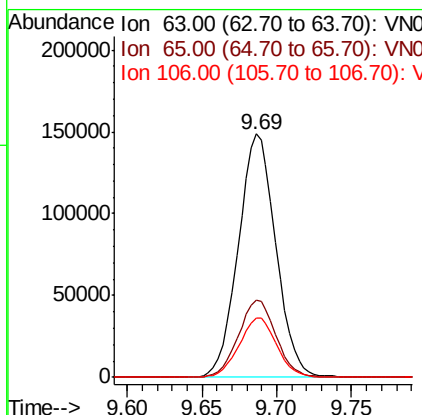
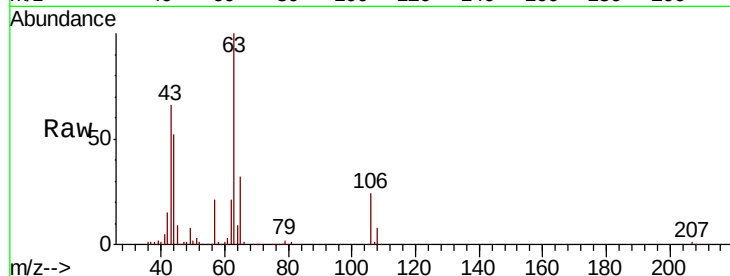




#55
2-Chloroethyl vinyl ether
Concen: 86.953 ug/l
RT: 9.69 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

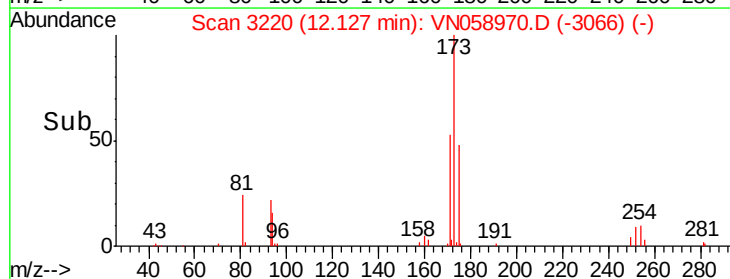
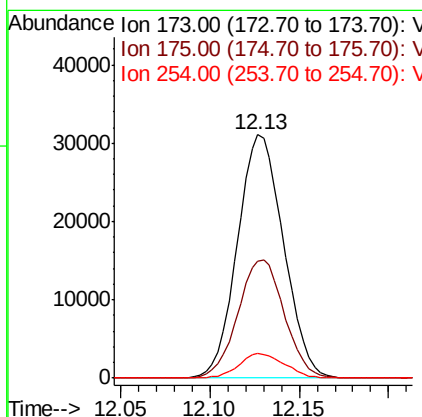
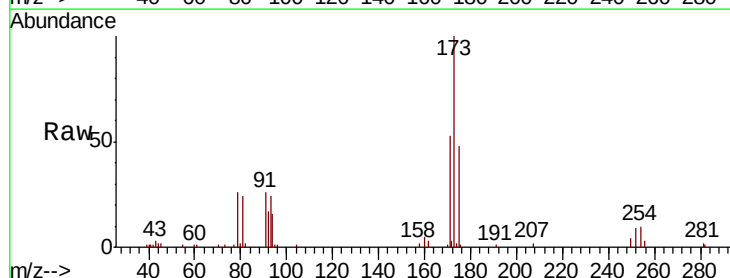
Instrument :
MSVOA_N
ClientSampleId :

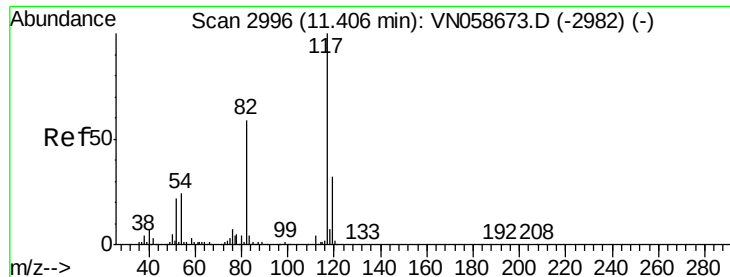
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.3	37.9
106	24.4	19.8	29.6



#56
Bromoform
Concen: 19.987 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.7	58.1
254	9.8	7.4	11.2

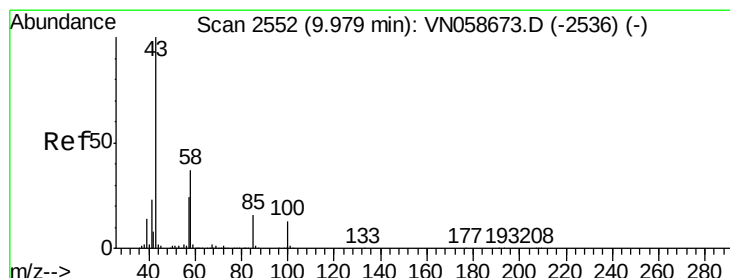
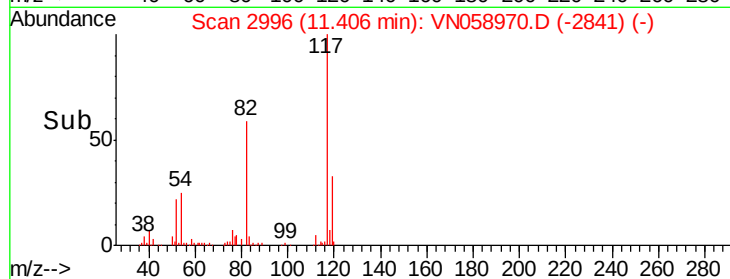
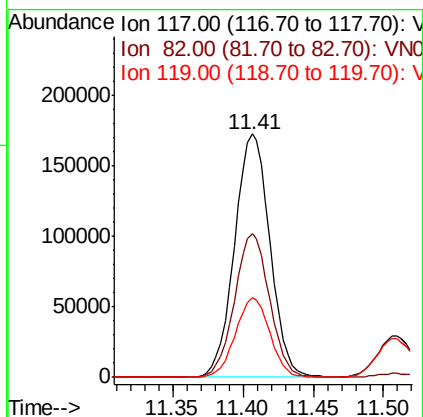
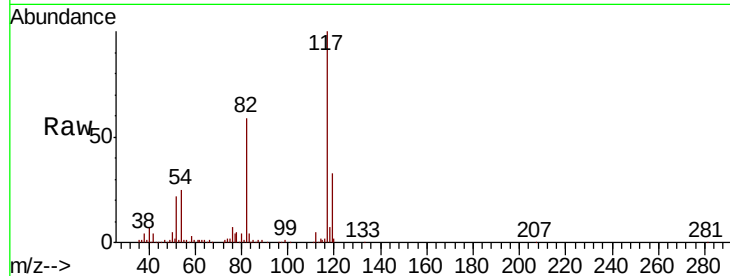




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

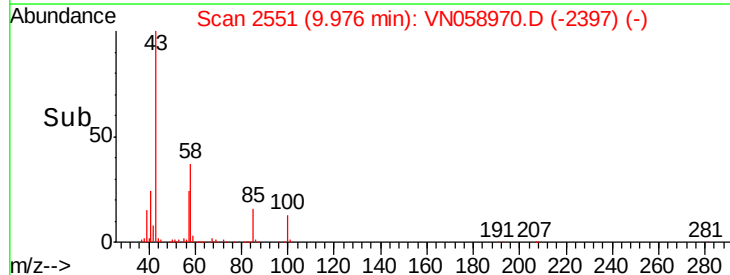
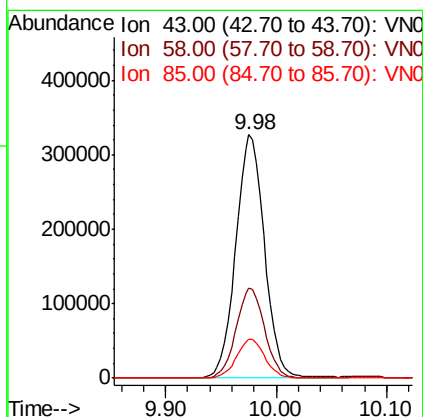
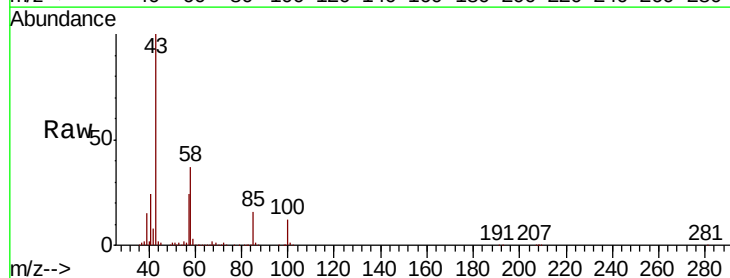
Instrument :
MSVOA_N
ClientSampled :

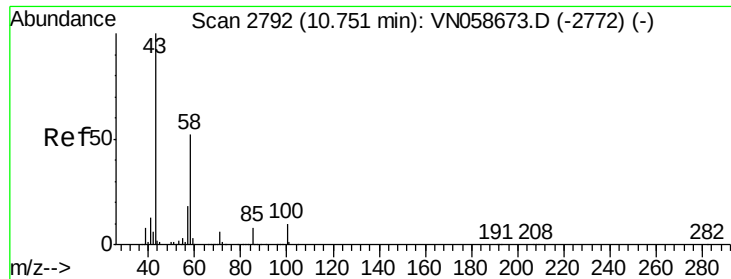
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.9	70.3
119	31.8	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 105.189 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.9	30.1	45.1
85	15.8	13.2	19.8

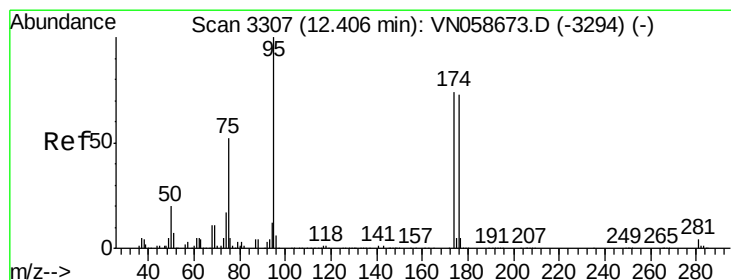
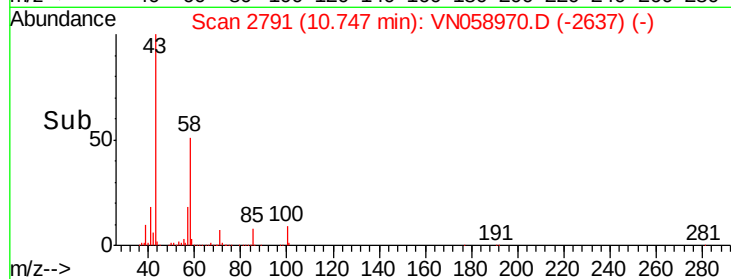
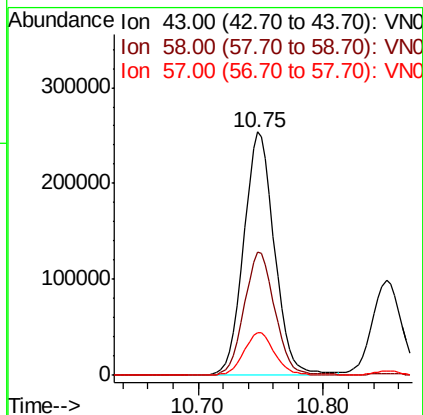
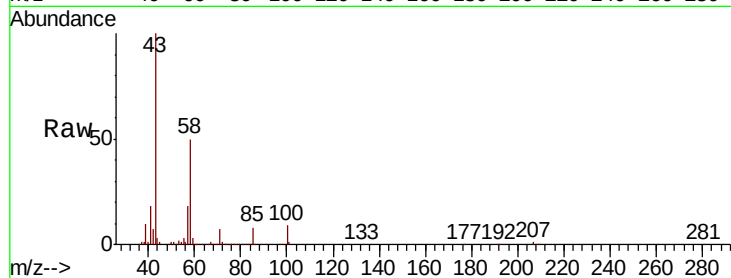




#59
2-Hexanone
Concen: 98.672 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

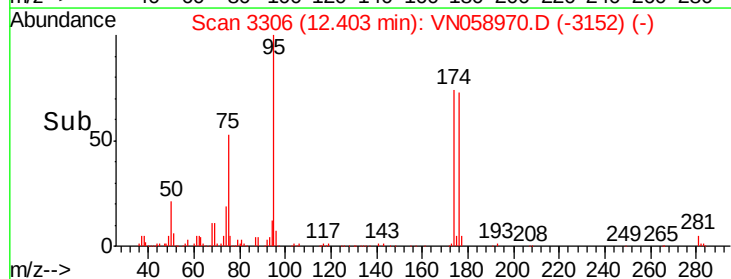
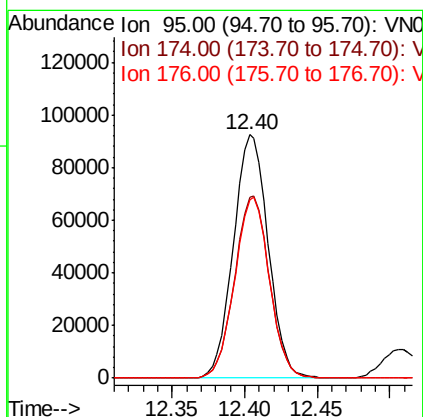
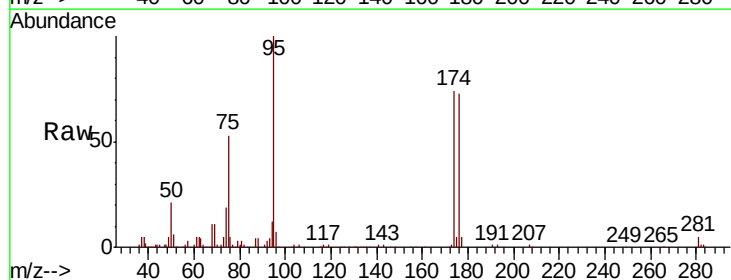
Instrument :
MSVOA_N
ClientSampleId :

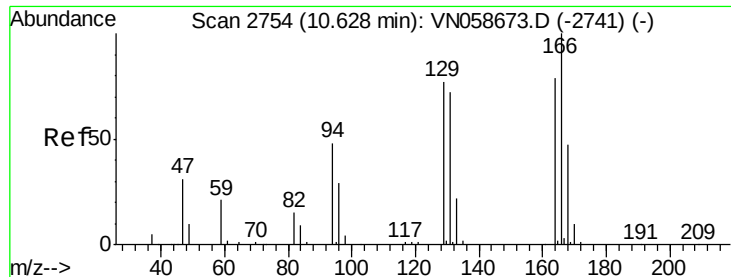
Tot Ion: 43 Resp: 429736
Ion Ratio Lower Upper
43 100
58 51.1 41.4 62.0
57 18.0 14.7 22.1



#60
4-Bromofluorobenzene
Concen: 28.908 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Tgt Ion: 95 Resp: 153992
Ion Ratio Lower Upper
95 100
174 75.0 59.9 89.9
176 74.2 58.3 87.5





#61

Tetrachloroethene

Concen: 19.479 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 64099

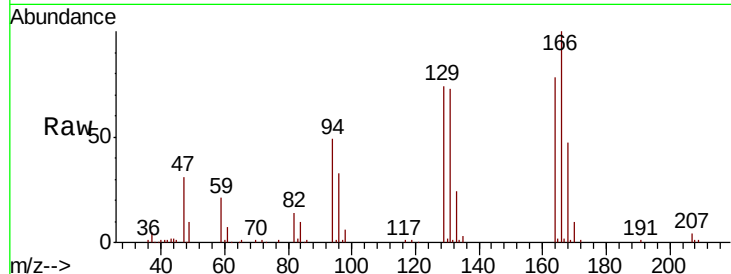
Ion Ratio Lower Upper

164 100

166 128.2 101.4 152.2

129 94.7 78.1 117.1

131 93.8 73.2 109.8

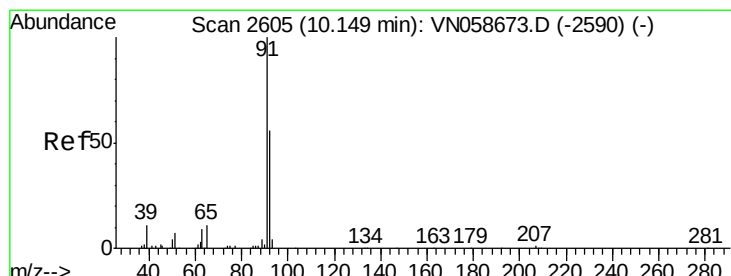
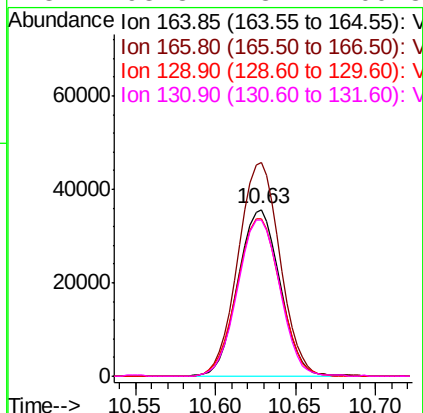
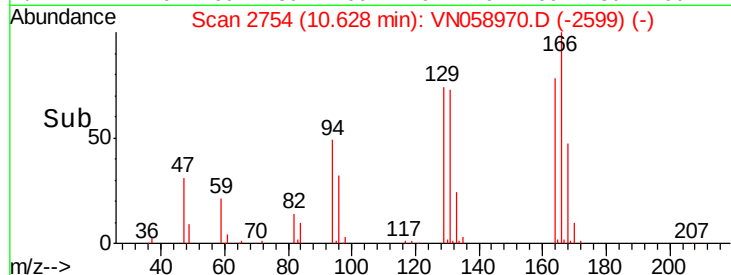


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.611 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058970.D

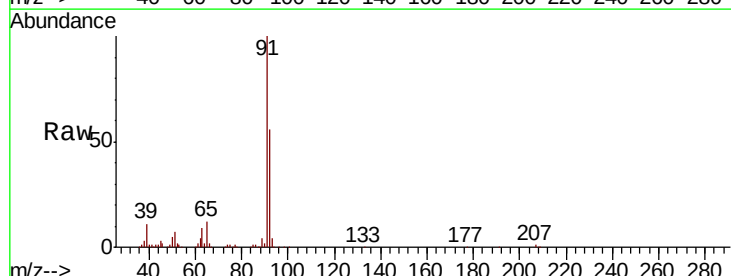
Acq: 24 Oct 2019 18:30

Tgt Ion: 91 Resp: 321233

Ion Ratio Lower Upper

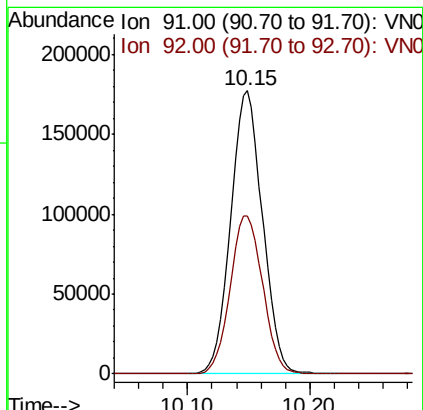
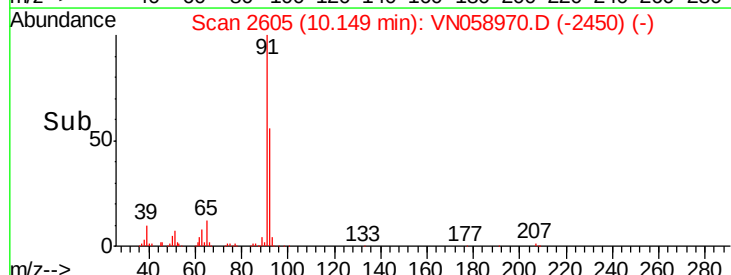
91 100

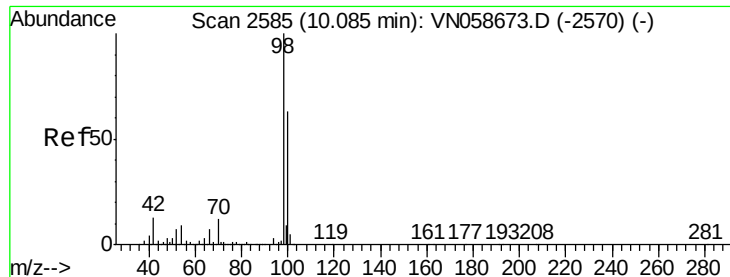
92 57.0 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.540 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

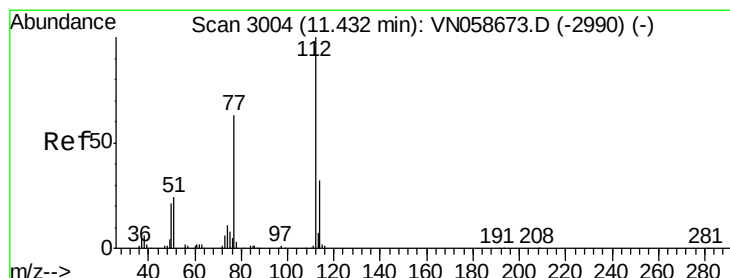
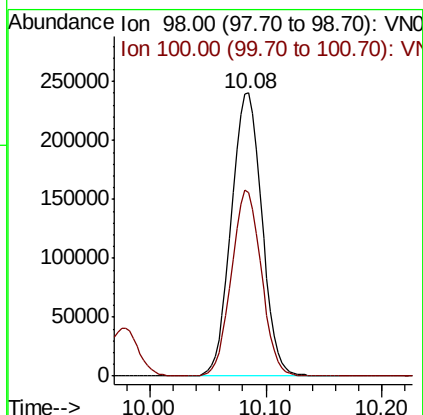
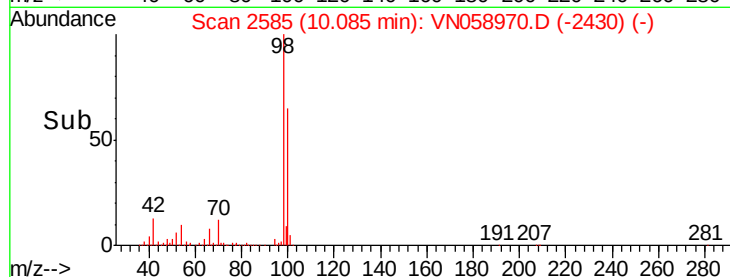
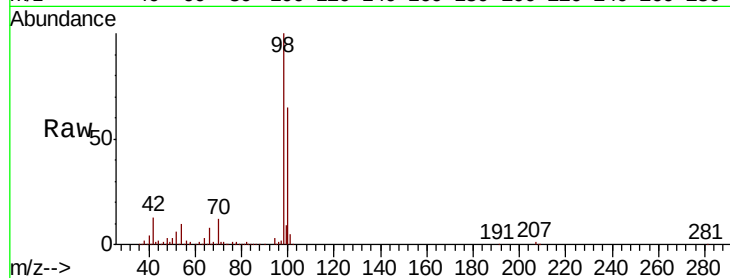
ClientSampled :

Tot Ion: 98 Resp: 439122

Ion Ratio Lower Upper

98 100

100 63.8 50.6 75.8



#64

Chlorobenzene

Concen: 19.226 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN058970.D

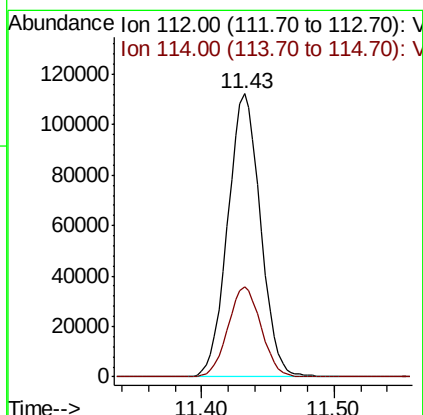
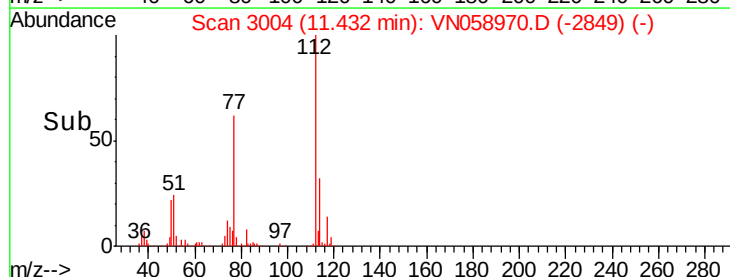
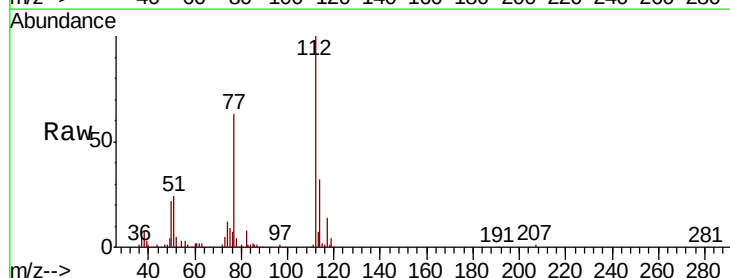
Acq: 24 Oct 2019 18:30

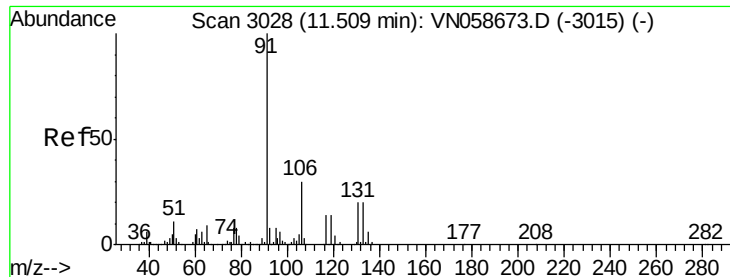
Tgt Ion: 112 Resp: 192545

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 19.919 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

ClientSampled :

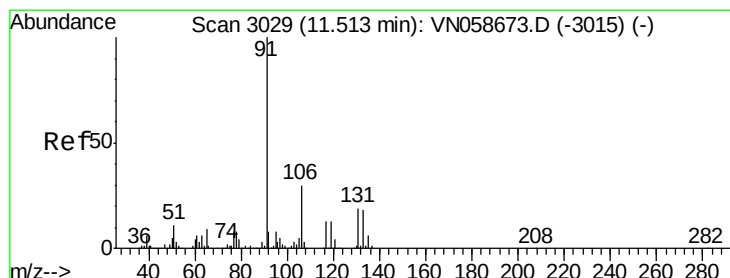
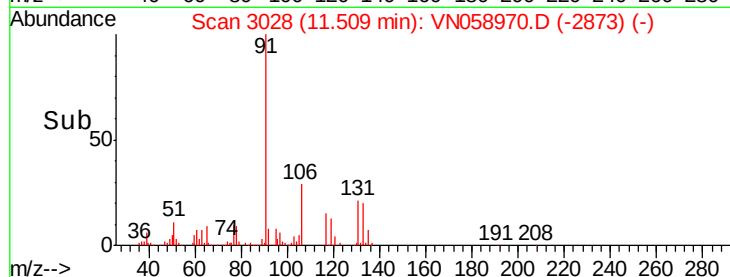
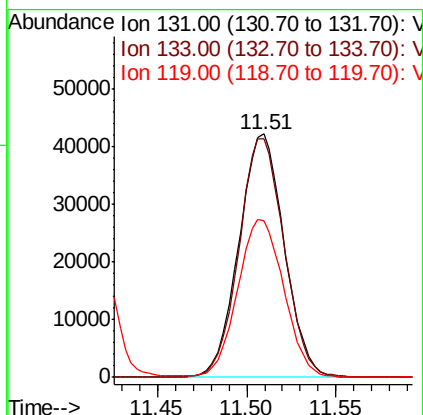
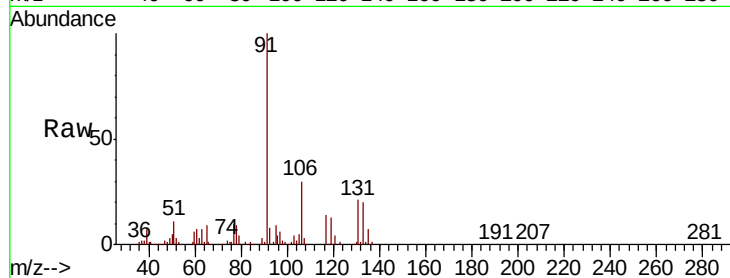
Tot Ion:131 Resp: 74801

Ion Ratio Lower Upper

131 100

133 98.0 0.0 194.0

119 66.3 0.0 136.8



#66

Ethyl Benzene

Concen: 18.922 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN058970.D

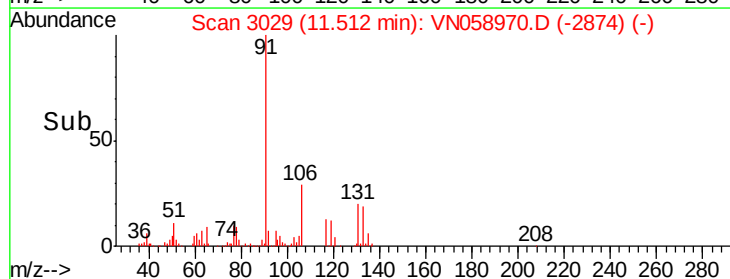
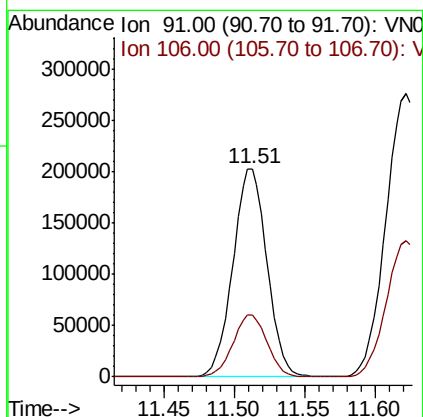
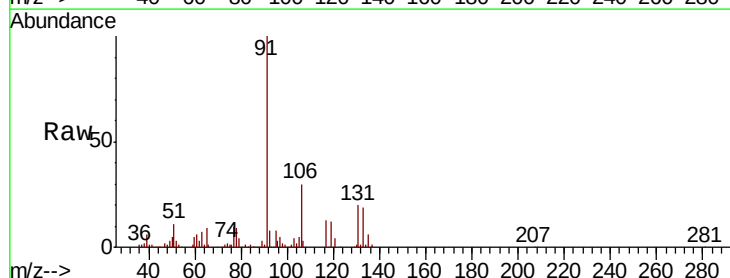
Acq: 24 Oct 2019 18:30

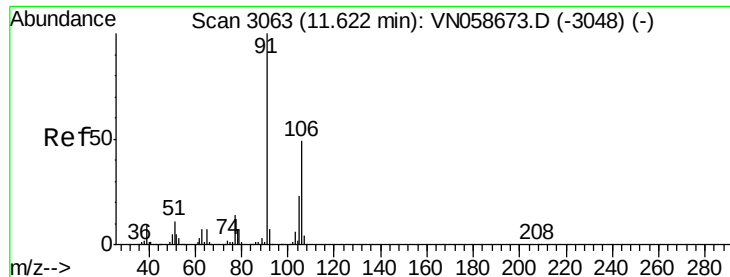
Tgt Ion: 91 Resp: 343212

Ion Ratio Lower Upper

91 100

106 29.8 24.2 36.4





#67

m/p-Xylenes

Concen: 37.413 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

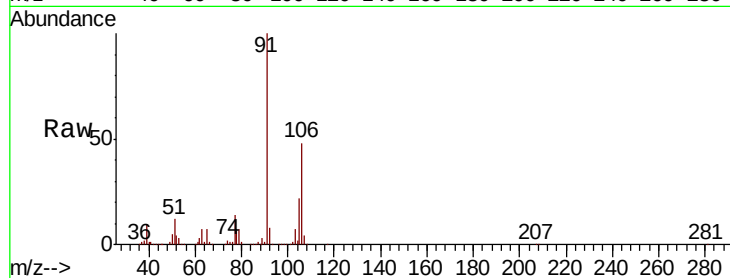
ClientSampled :

Tot Ion:106 Resp: 253530

Ion Ratio Lower Upper

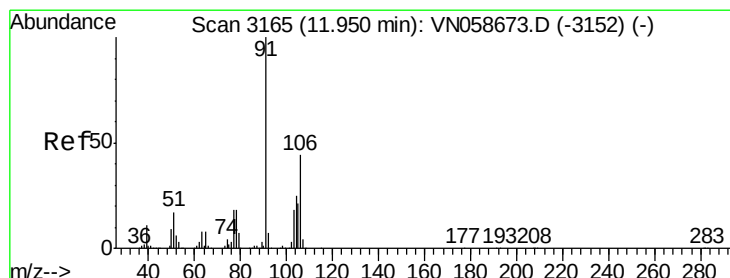
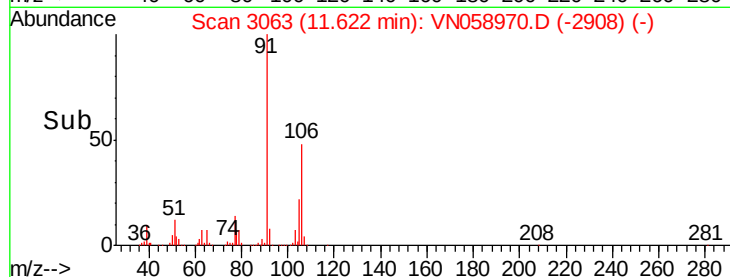
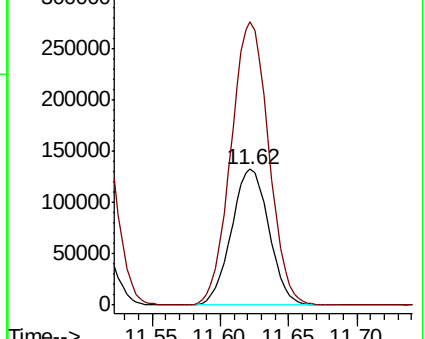
106 100

91 208.1 165.6 248.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 18.490 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. -0.00 min

Lab File: VN058970.D

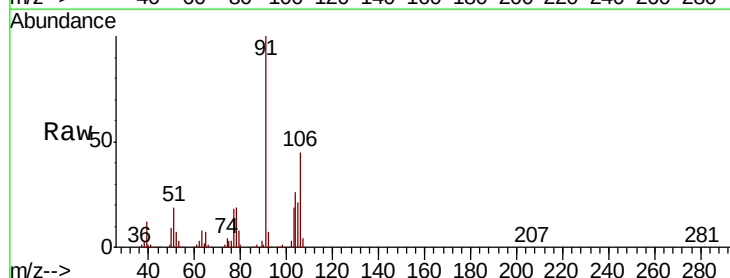
Acq: 24 Oct 2019 18:30

Tgt Ion:106 Resp: 121469

Ion Ratio Lower Upper

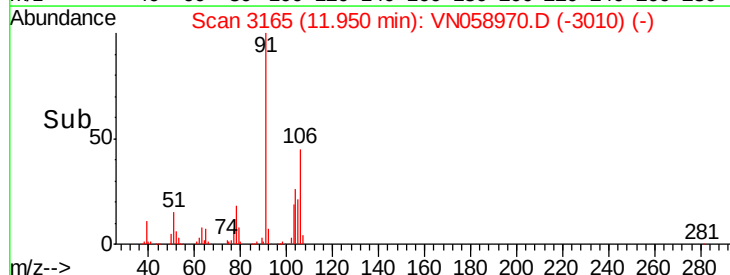
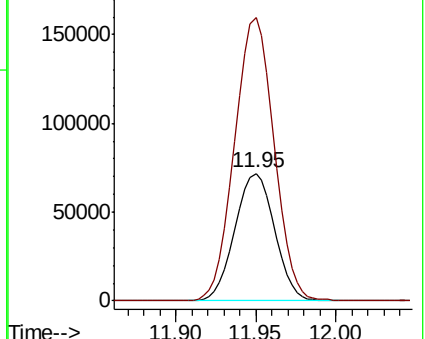
106 100

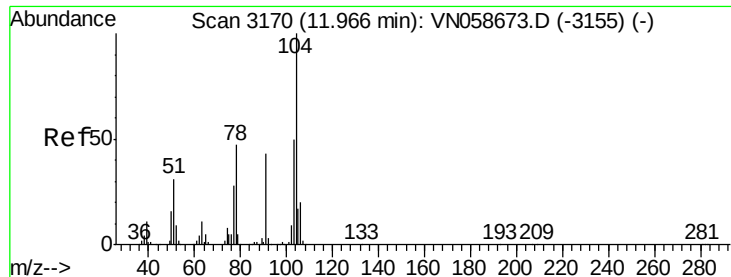
91 220.8 109.8 329.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

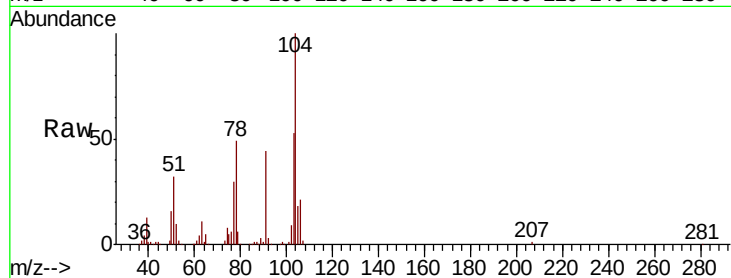




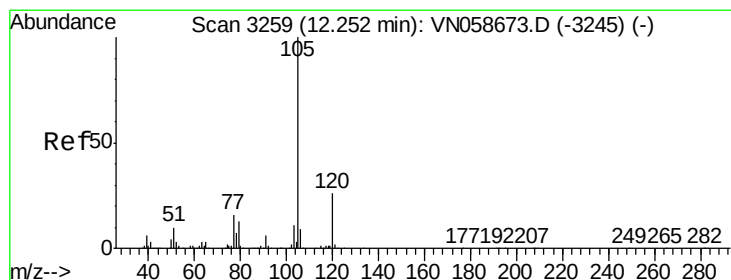
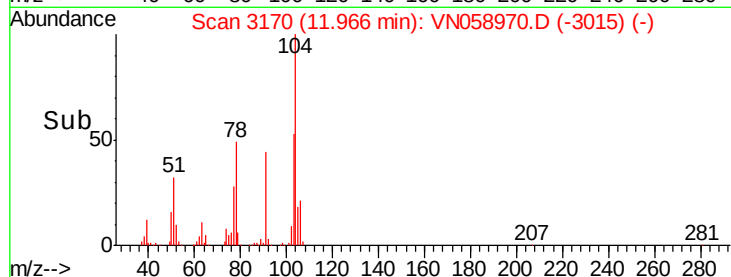
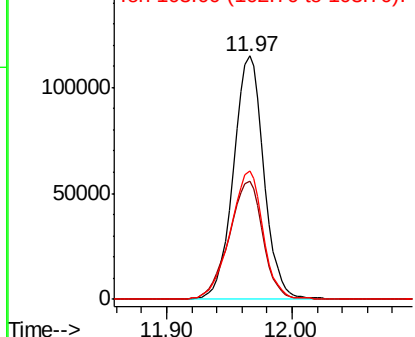
#69
Stvrene
Concen: 17.815 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.3	42.4	63.6
103	57.0	44.6	66.8

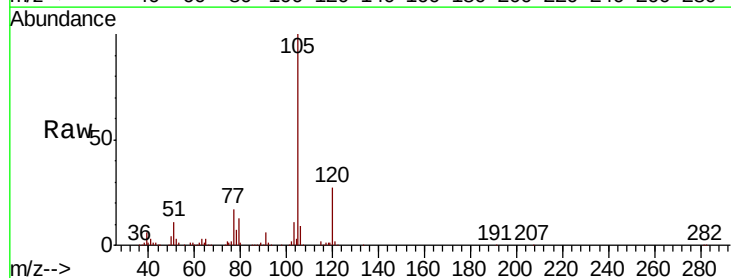


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

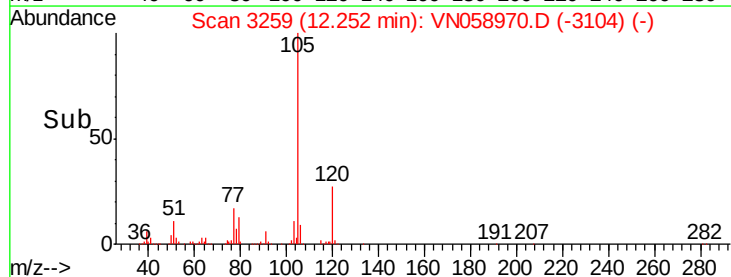
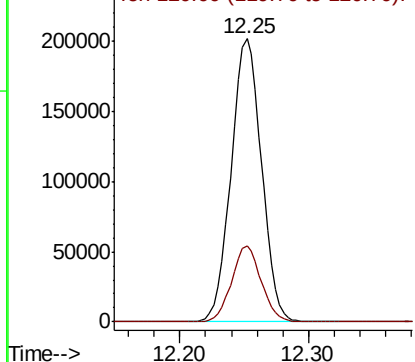


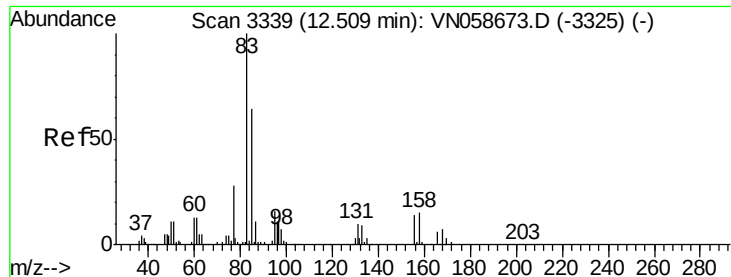
#70
Isopropylbenzene
Concen: 18.603 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	18.4	34.2



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

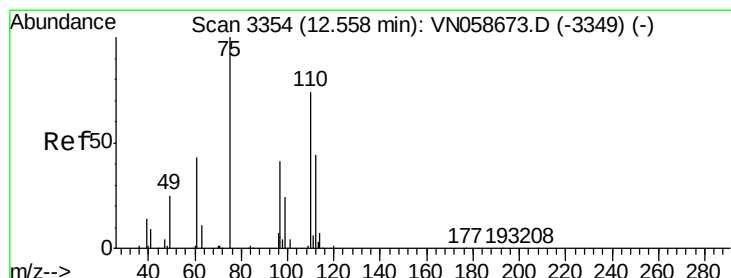
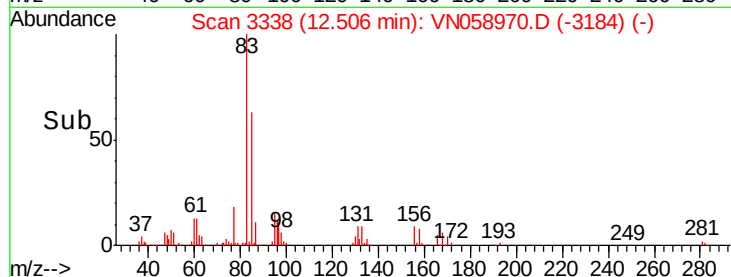
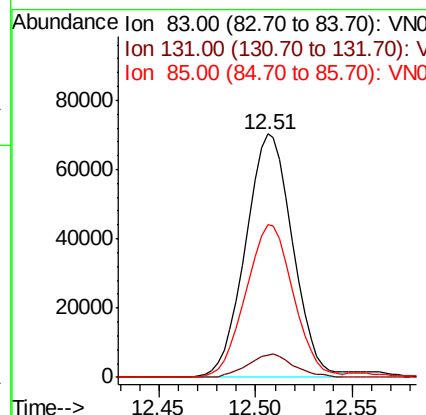
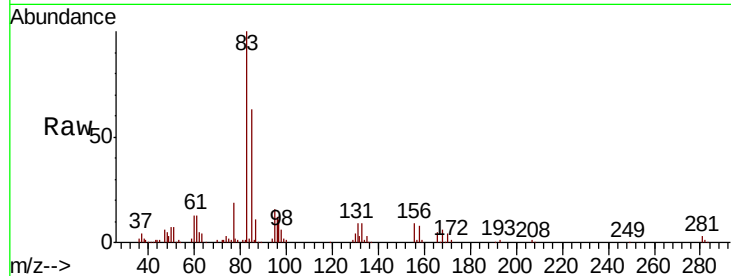




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.898 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

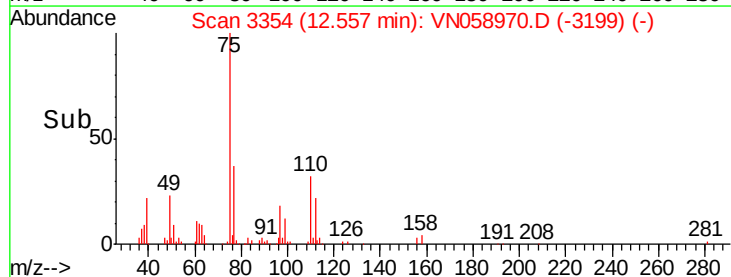
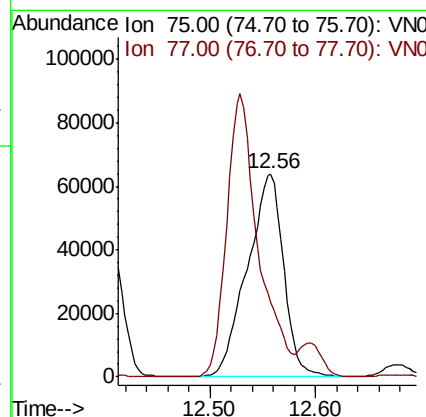
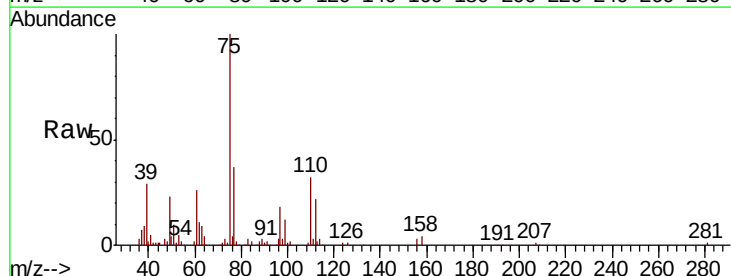
Instrument :
 MSVOA_N
 ClientSampleId :

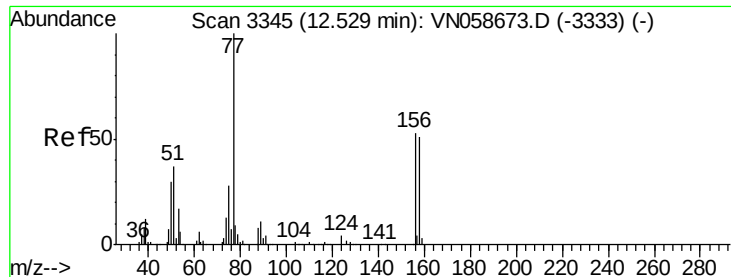
Tot Ion	83	Resp	118807
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.9	14.7
85	63.3	31.6	94.7



#72
 1,2,3-Trichloropropane
 Concen: 28.360 ug/l
 RT: 12.56 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Tgt Ion	75	Resp	153441
Ion Ratio	Lower	Upper	
75	100		
77	121.2	0.0	359.4





#73

Bromobenzene

Concen: 18.330 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

ClientSampled :

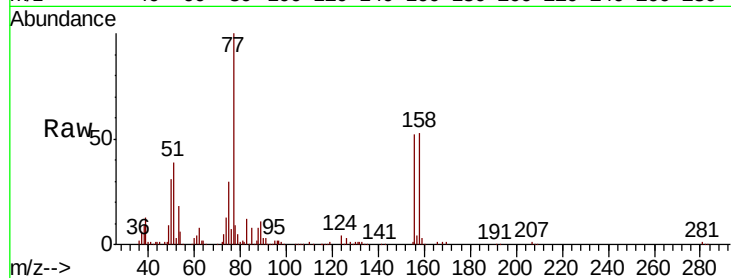
Tot Ion:156 Resp: 78964

Ion Ratio Lower Upper

156 100

77 235.5 0.0 456.0

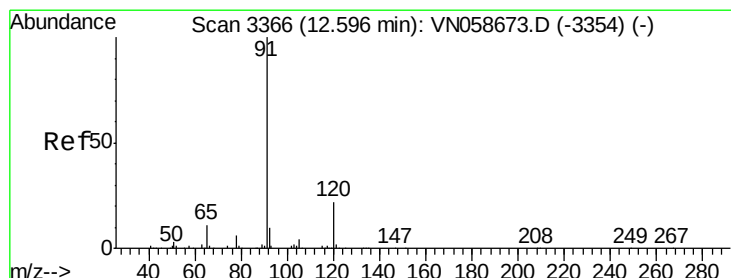
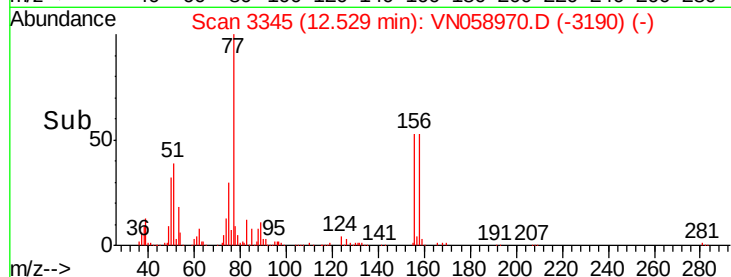
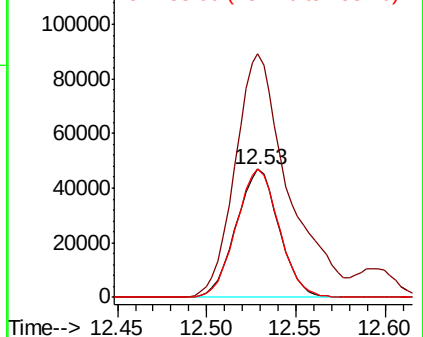
158 100.5 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.943 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN058970.D

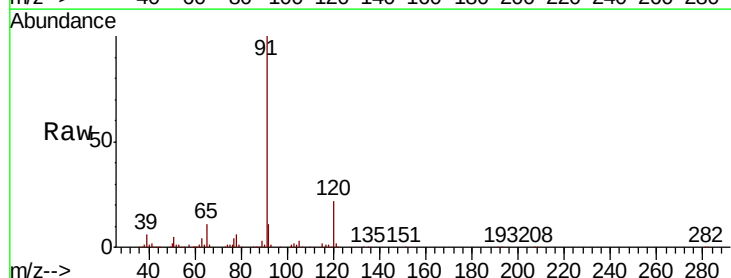
Acq: 24 Oct 2019 18:30

Tgt Ion: 91 Resp: 393258

Ion Ratio Lower Upper

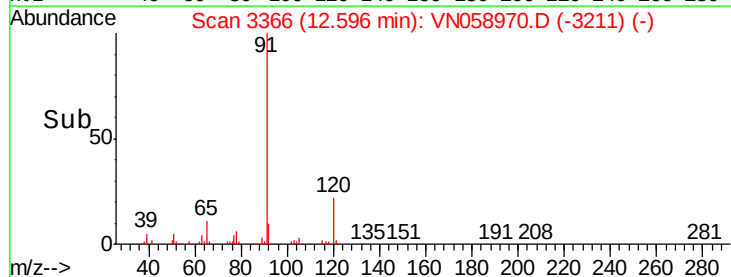
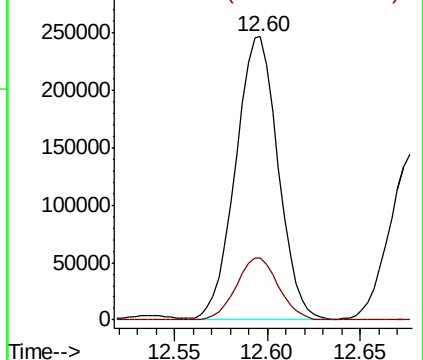
91 100

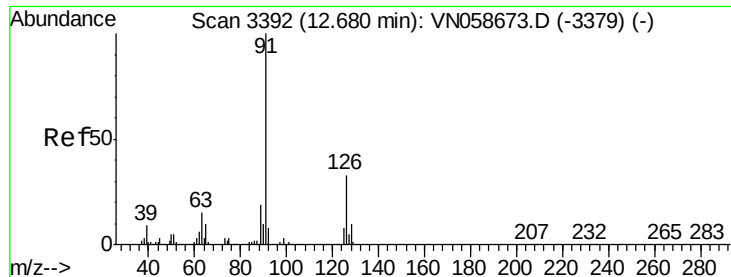
120 21.6 0.0 43.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.973 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

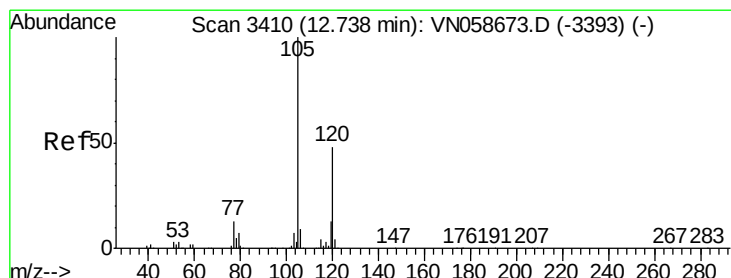
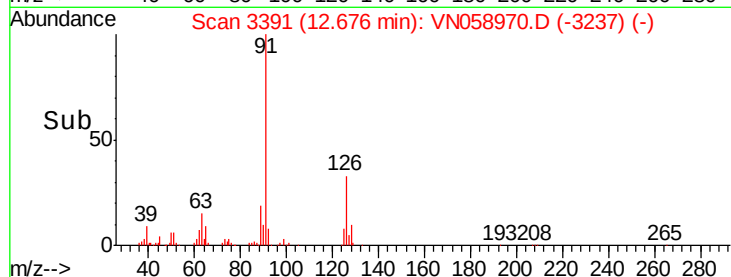
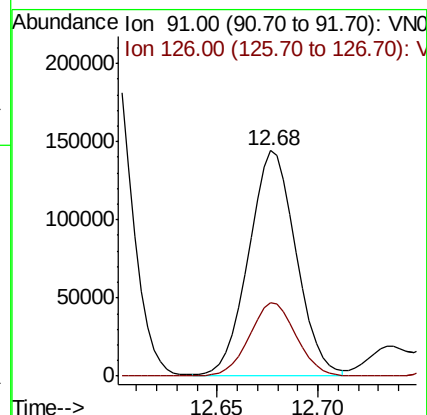
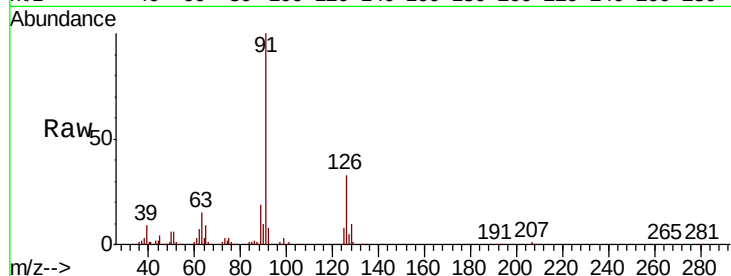
ClientSampled :

Tot Ion: 91 Resp: 236985

Ion Ratio Lower Upper

91 100

126 32.3 0.0 65.4



#76

1,3,5-Trimethylbenzene

Concen: 18.724 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058970.D

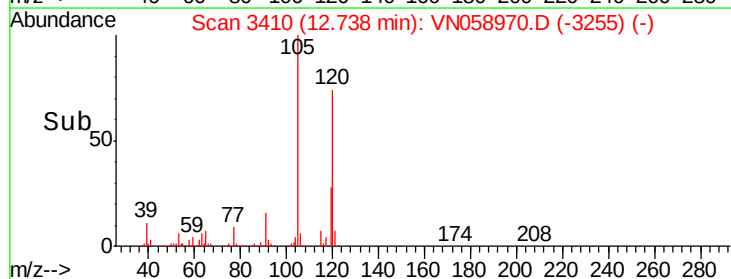
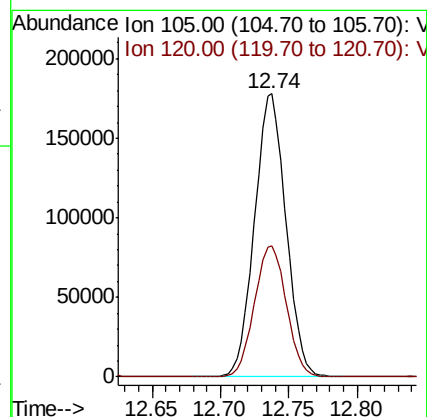
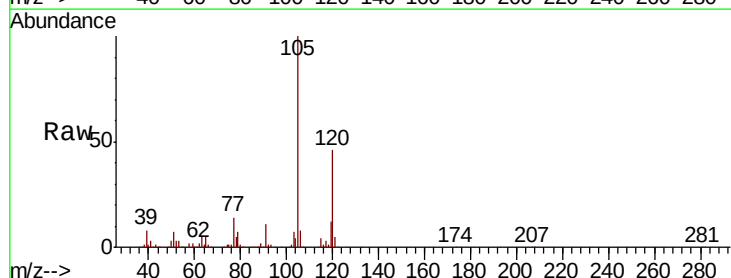
Acq: 24 Oct 2019 18:30

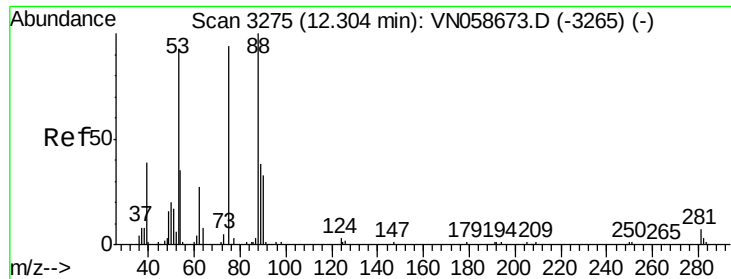
Tgt Ion: 105 Resp: 284436

Ion Ratio Lower Upper

105 100

120 47.2 0.0 94.0

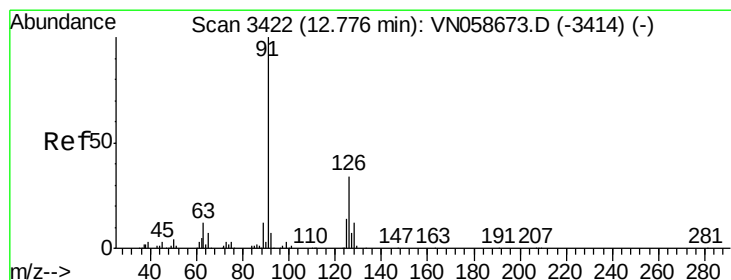
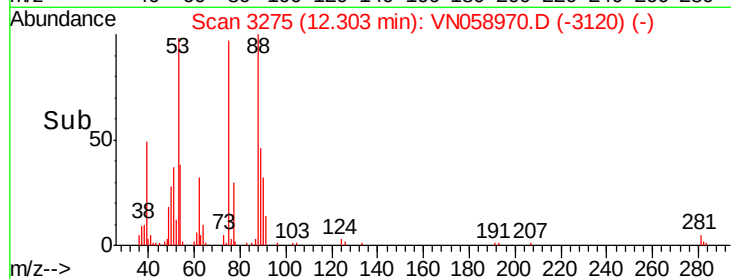
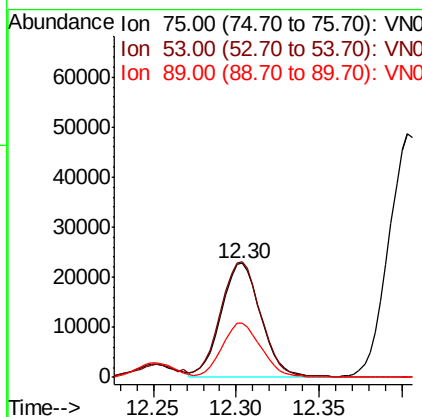
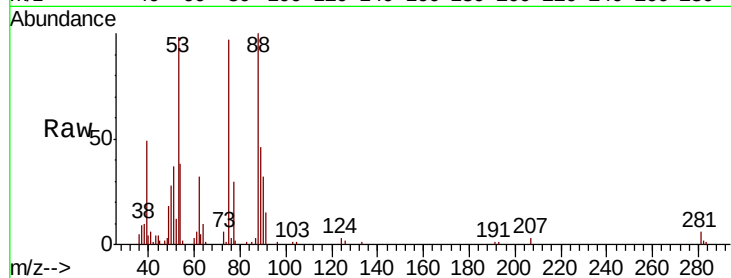




#77
t-1,4-Dichloro-2-butene
Concen: 18.590 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

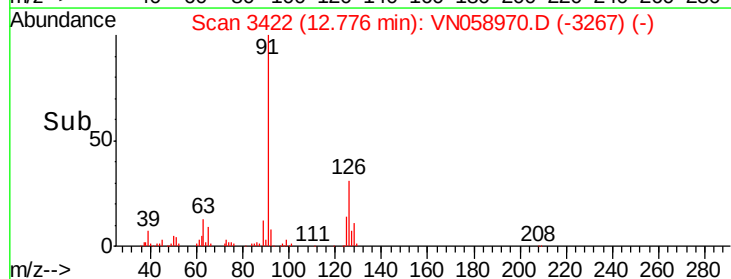
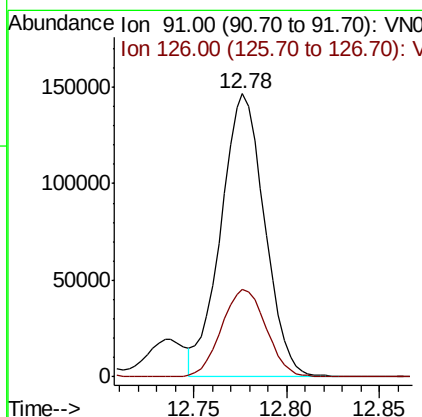
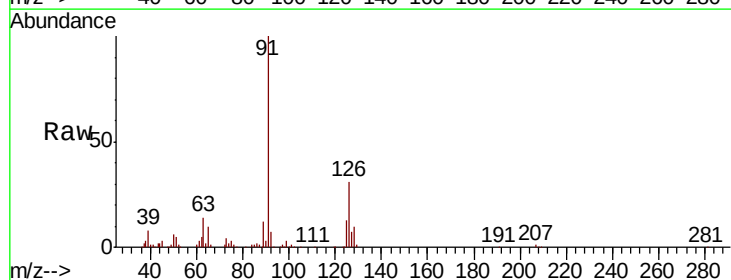
Instrument :
MSVOA_N
ClientSampled :

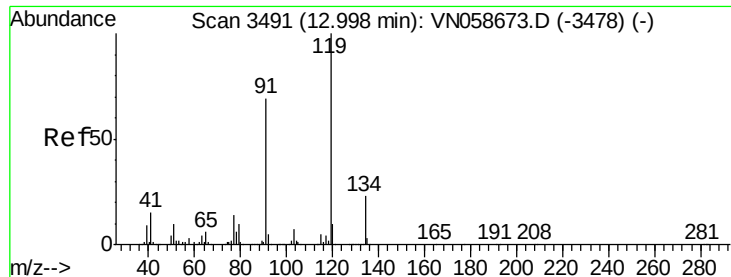
Tot Ion: 75 Resp: 38317
Ion Ratio Lower Upper
75 100
53 101.7 50.0 150.0
89 47.6 20.7 62.1



#78
4-Chlorotoluene
Concen: 18.495 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Tgt Ion: 91 Resp: 238096
Ion Ratio Lower Upper
91 100
126 31.9 0.0 63.4

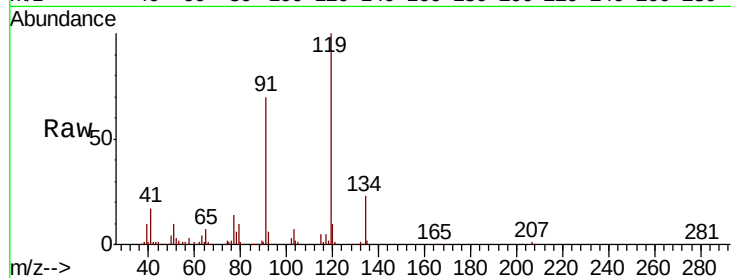




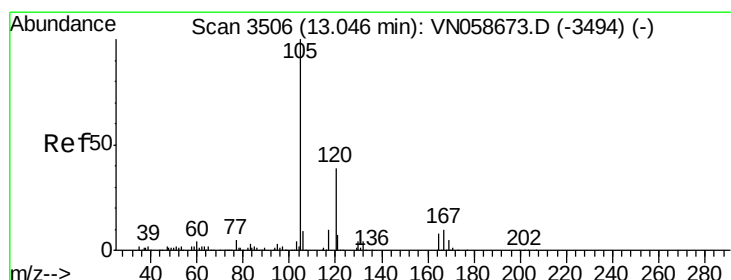
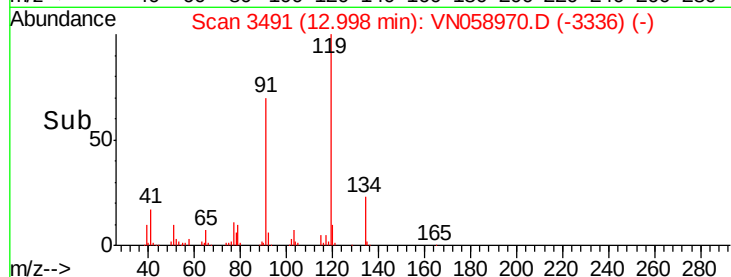
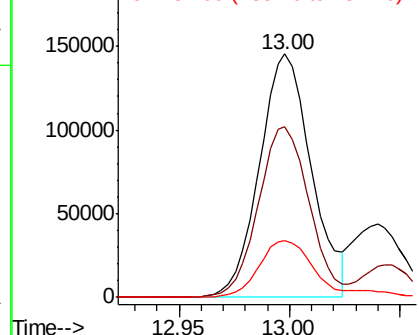
#79
tert-butylbenzene
Concen: 18.280 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.0	0.0	136.4
134	24.0	0.0	47.2

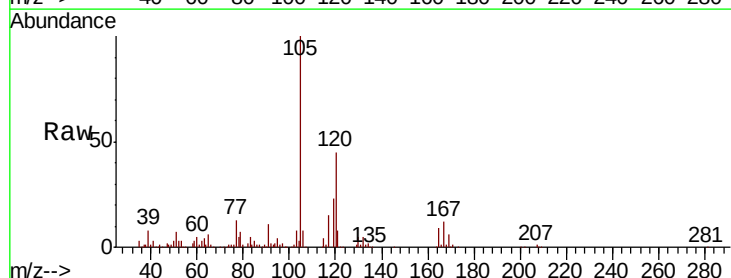


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

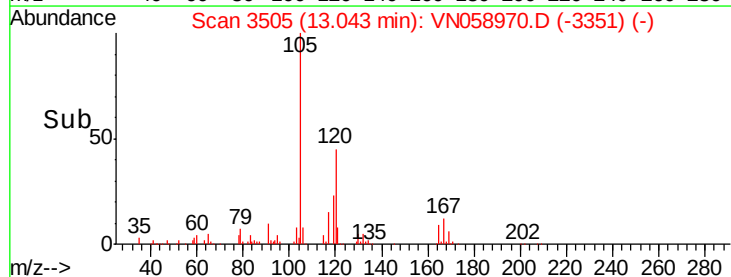
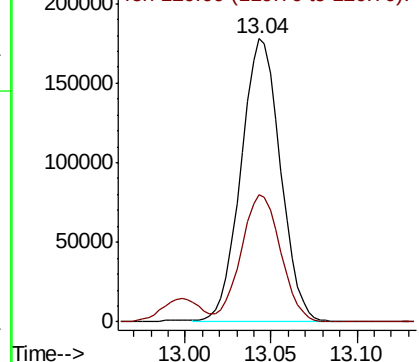


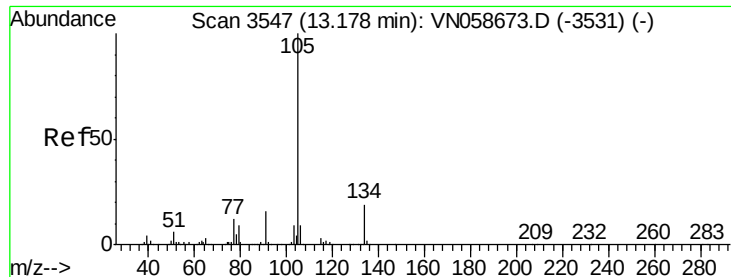
#80
1,2,4-Trimethylbenzene
Concen: 18.786 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. -0.00 min
Lab File: VN058970.D
Acq: 24 Oct 2019 18:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	0.0	89.2



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

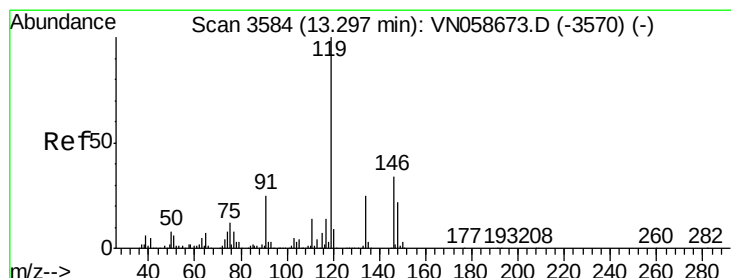
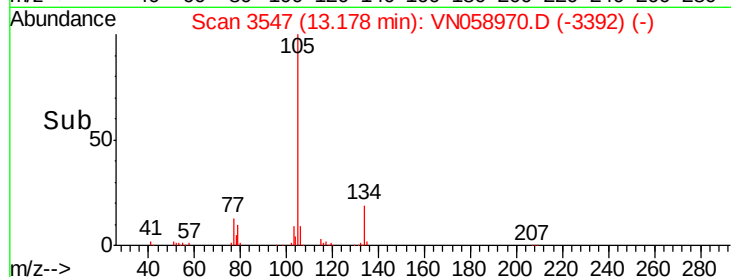
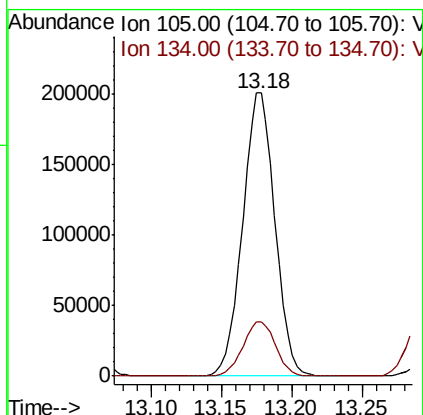
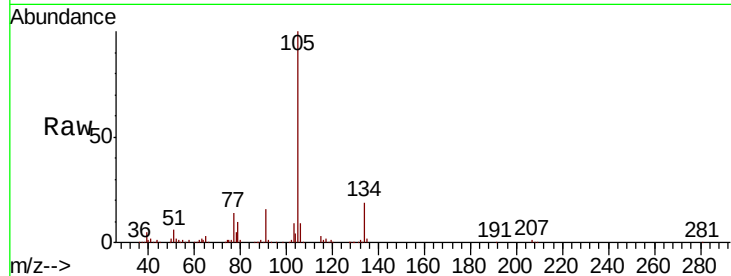




#81
 sec-Butylbenzene
 Concen: 18.384 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

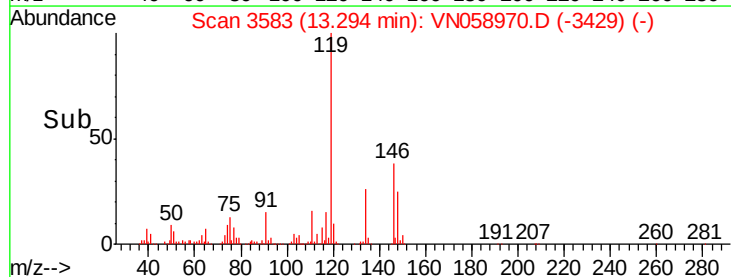
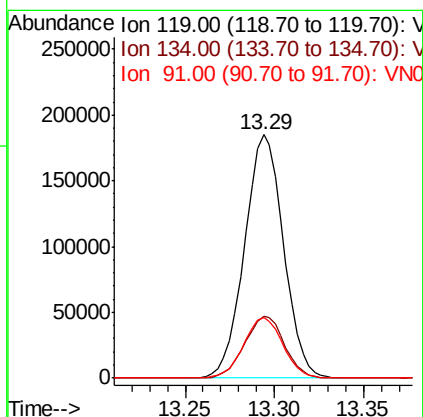
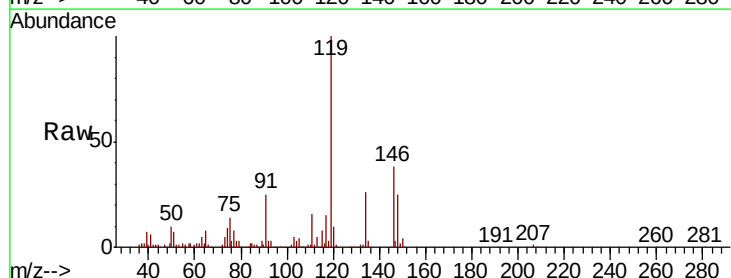
Instrument :
 MSVOA_N
 ClientSampled :

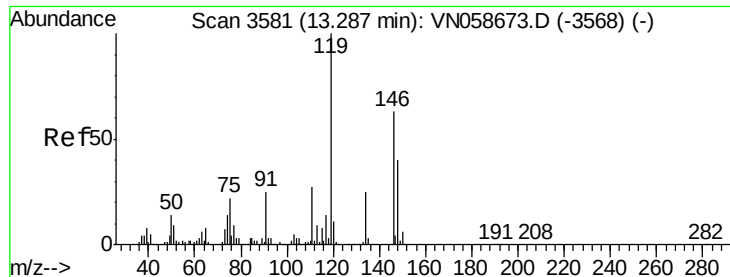
Tot Ion:105 Resp: 321094
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 17.921 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Tgt Ion:119 Resp: 281079
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 50.8
 91 25.0 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 17.993 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN058970.D

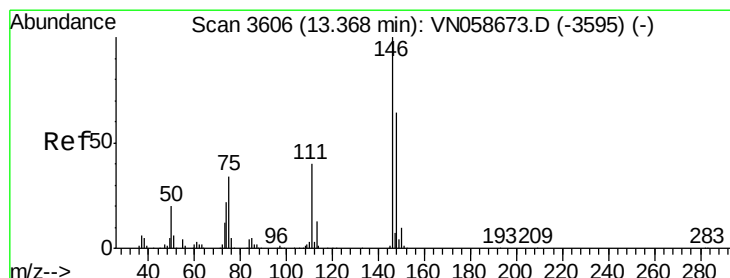
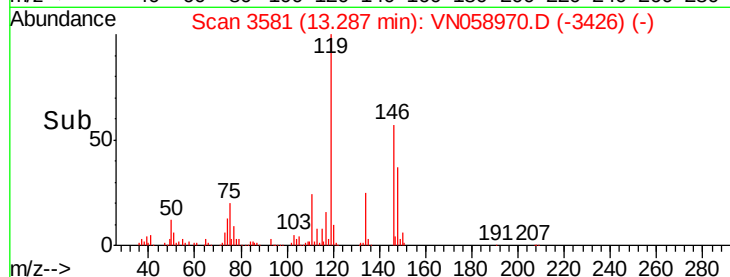
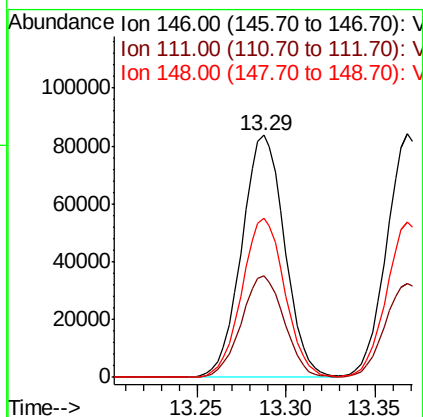
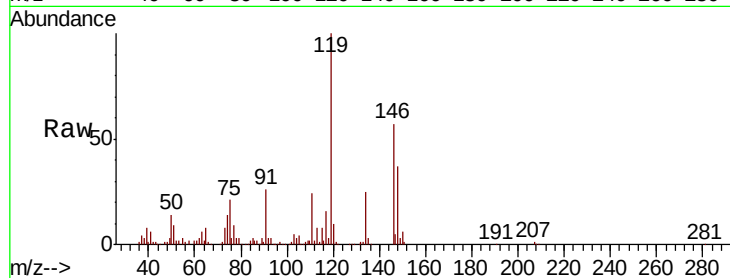
Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	146	Resp:	140260
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.0	63.0
148	65.7	31.7	95.1



#84

1,4-Dichlorobenzene

Concen: 17.660 ug/l

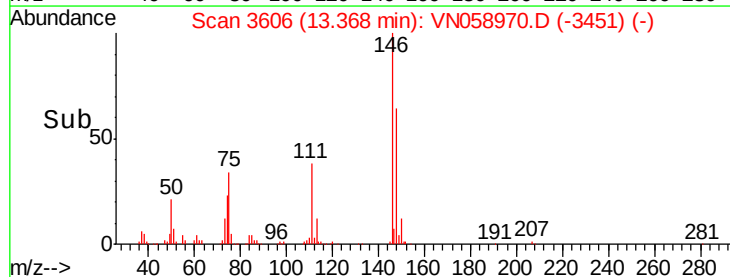
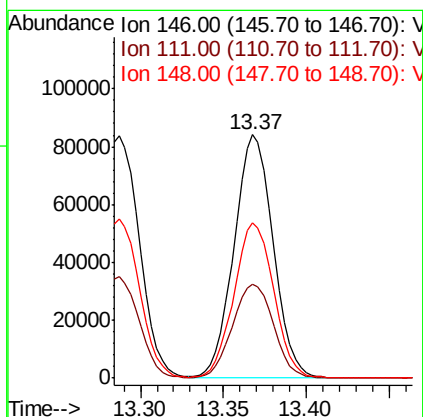
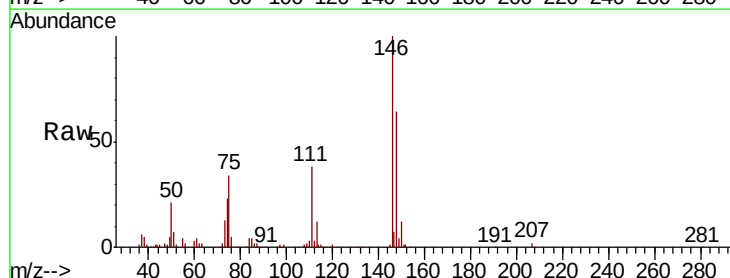
RT: 13.37 min Scan# 3606

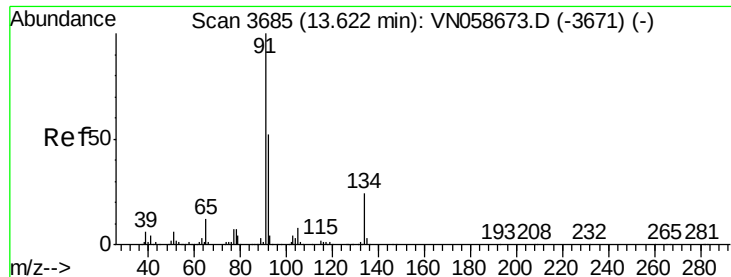
Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Tgt Ion:	146	Resp:	137510
Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.8	59.4
148	65.4	31.6	94.8





#85

n-Butylbenzene

Concen: 17.118 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

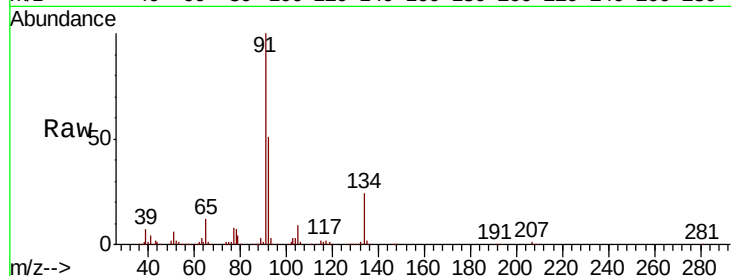
Tot Ion: 91 Resp: 245804

Ion Ratio Lower Upper

91 100

92 50.9 0.0 102.8

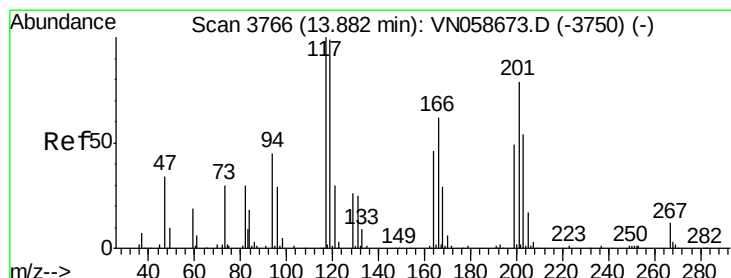
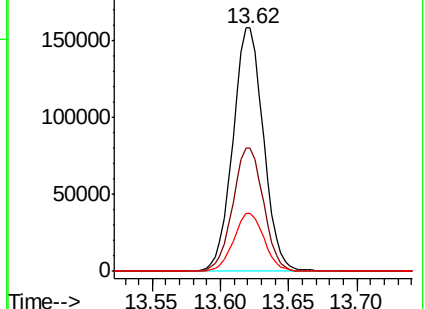
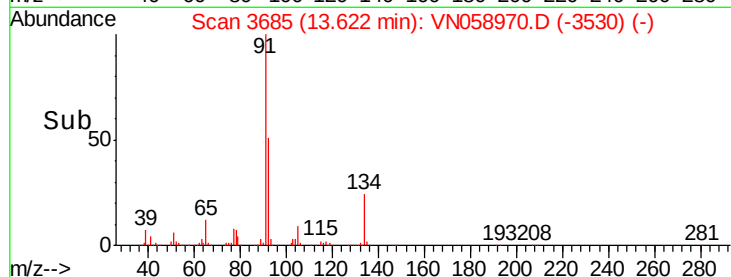
134 23.7 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN058970.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN058970.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN058970.D (-3671) (-)



#86

Hexachloroethane

Concen: 19.668 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN058970.D

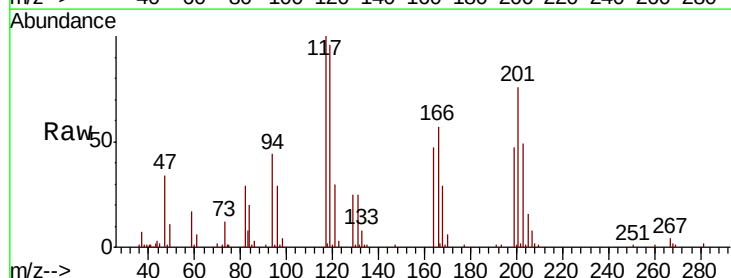
Acq: 24 Oct 2019 18:30

Tgt Ion: 117 Resp: 56139

Ion Ratio Lower Upper

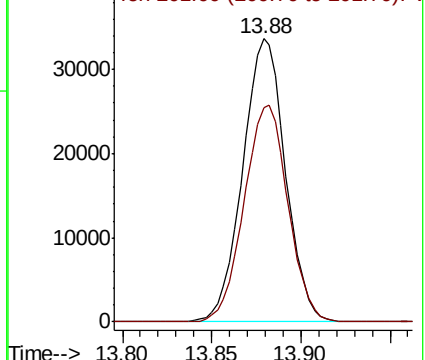
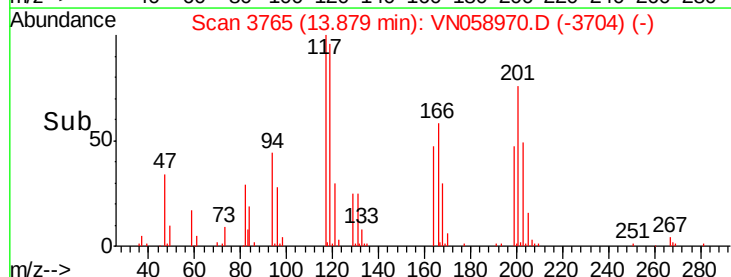
117 100

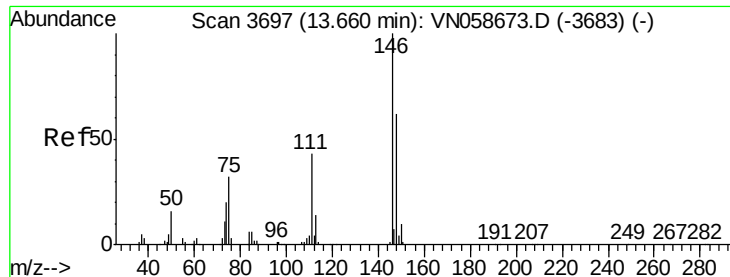
201 78.6 38.7 116.1



Abundance Ion 117.00 (116.70 to 117.70): VN058970.D (-3750) (-)

Ion 201.00 (200.70 to 201.70): VN058970.D (-3750) (-)

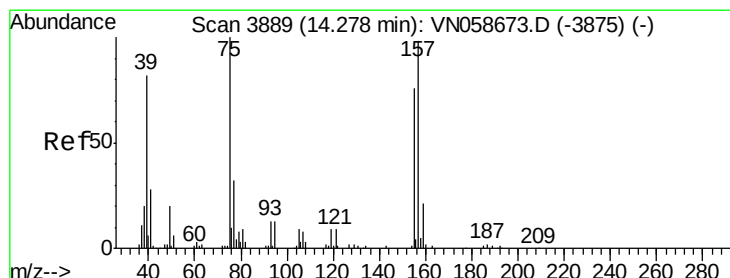
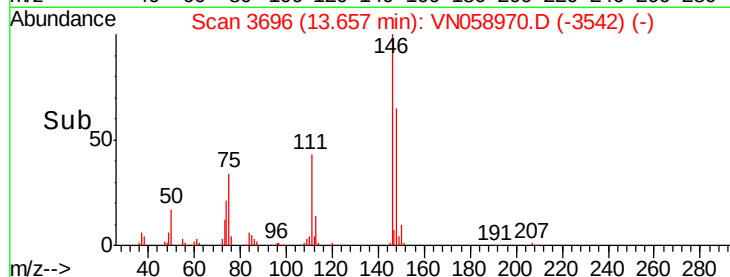
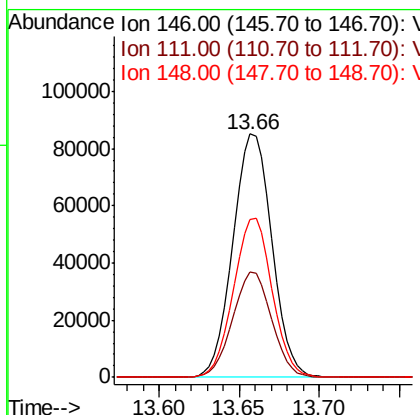
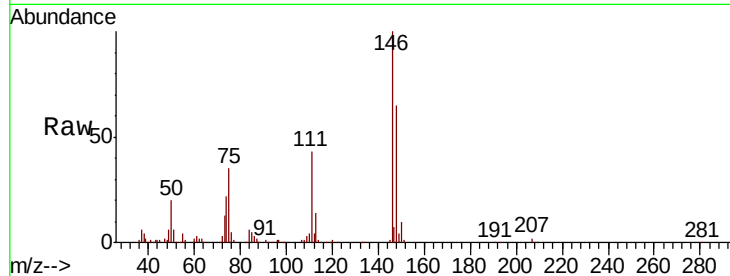




#87
 1,2-Dichlorobenzene
 Concen: 18.370 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

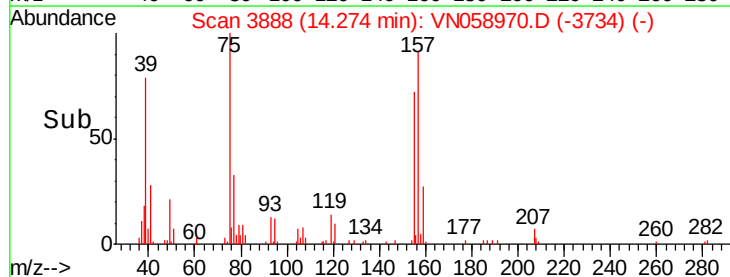
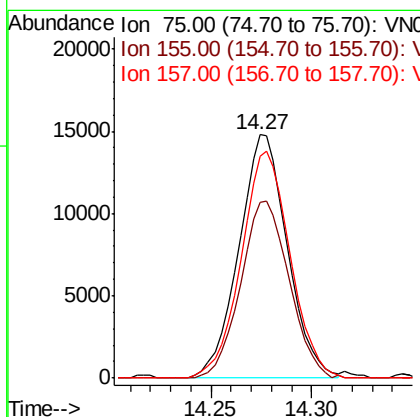
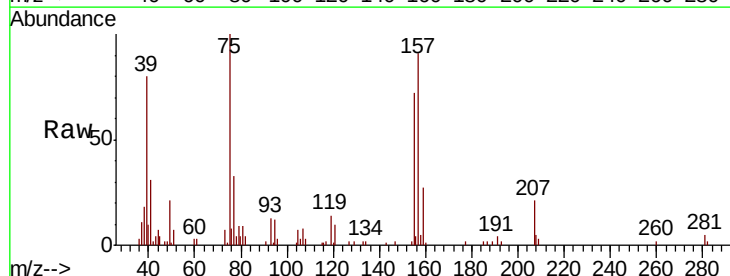
Instrument :
 MSVOA_N
 ClientSampled :

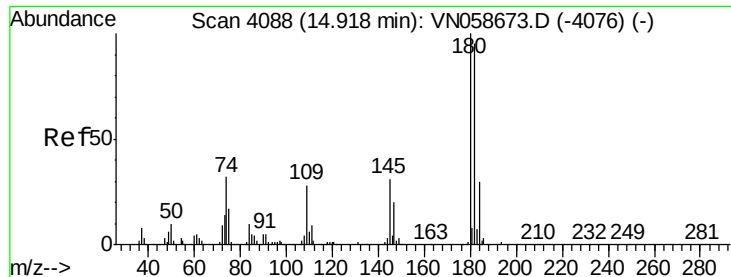
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.8	65.4
148	64.8	32.1	96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.725 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.4	58.3	87.5
157	93.7	75.0	112.6

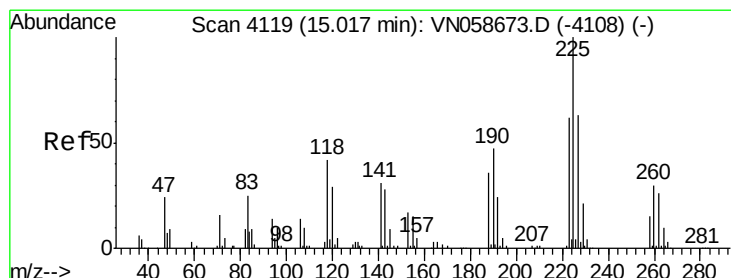
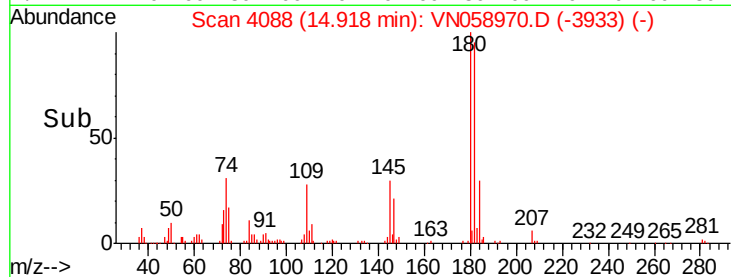
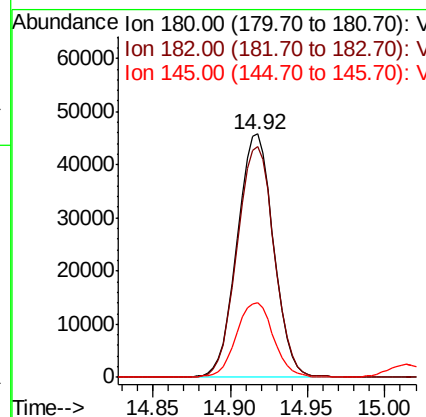
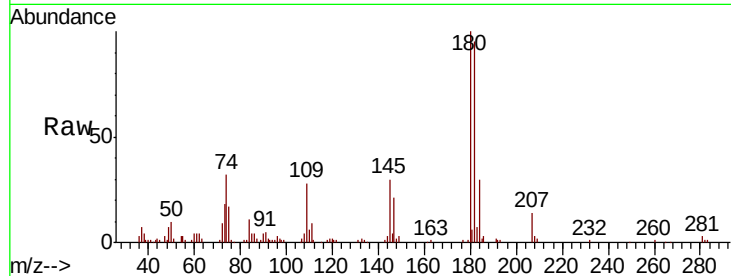




#89
 1,2,4-Trichlorobenzene
 Concen: 15.409 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

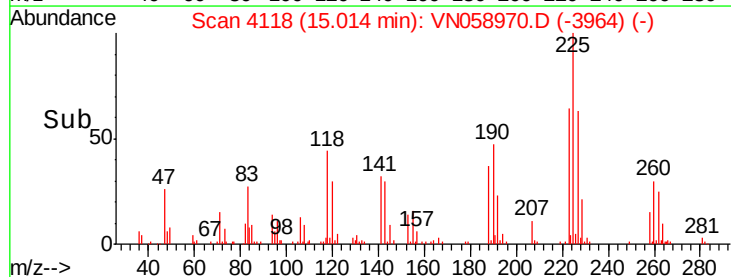
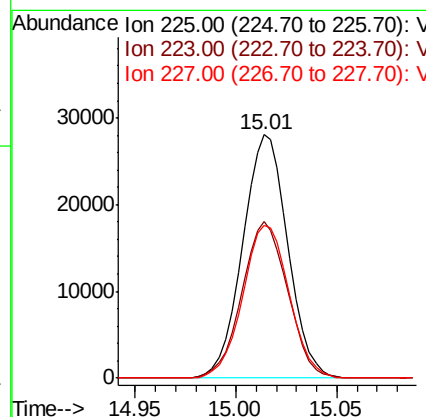
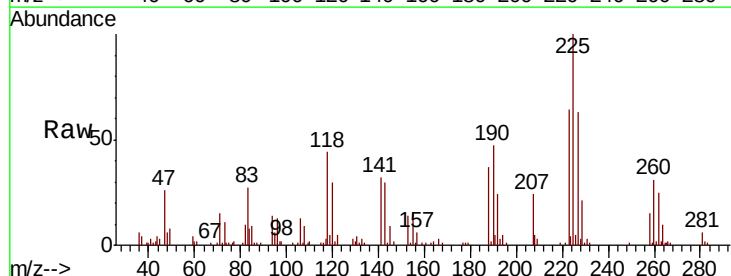
Instrument :
 MSVOA_N
 ClientSampled :

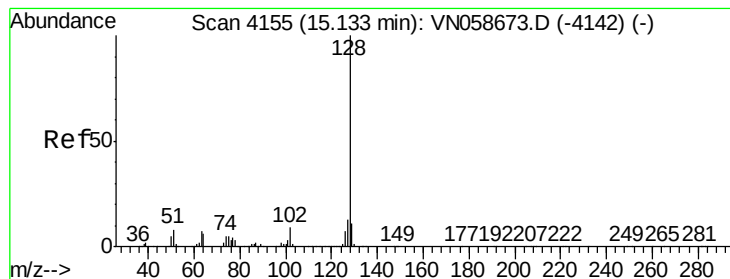
Tot Ion:180 Resp: 74876
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.3 112.9
 145 31.1 24.8 37.2



#90
 Hexachlorobutadiene
 Concen: 17.517 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN058970.D
 Acq: 24 Oct 2019 18:30

Tgt Ion:225 Resp: 43955
 Ion Ratio Lower Upper
 225 100
 223 65.1 0.0 126.2
 227 64.4 0.0 127.0





#91

Naphthalene

Concen: 14.773 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

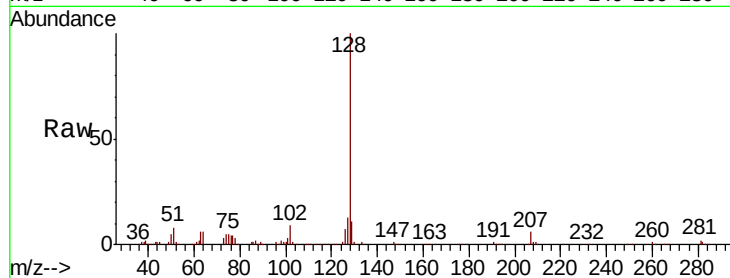
Tot Ion:128 Resp: 211952

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

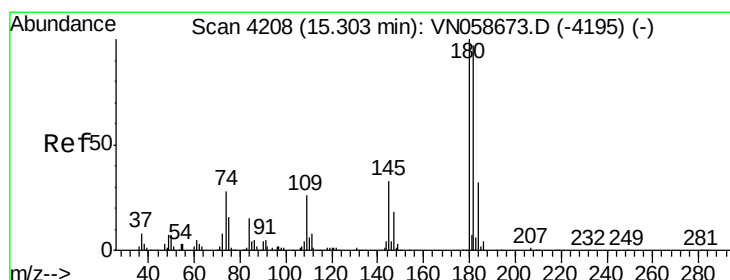
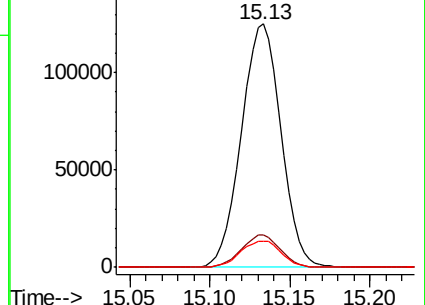
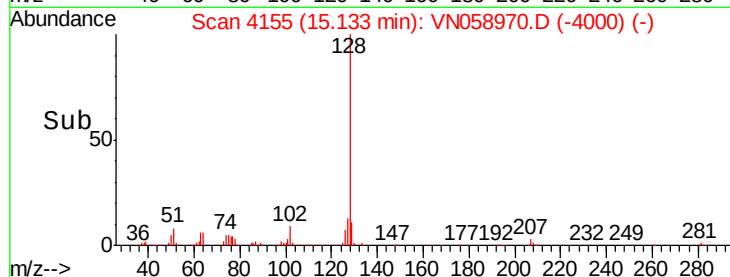
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 16.342 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. -0.00 min

Lab File: VN058970.D

Acq: 24 Oct 2019 18:30

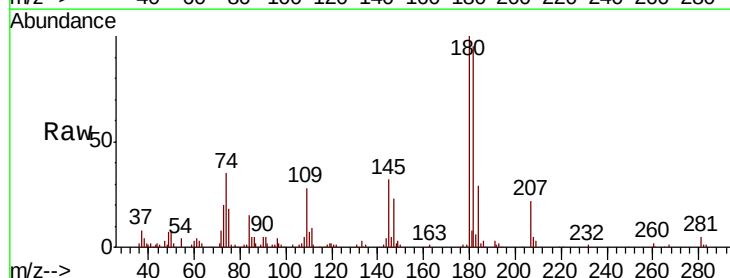
Tgt Ion:180 Resp: 77303

Ion Ratio Lower Upper

180 100

182 94.0 0.0 193.4

145 32.2 0.0 65.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

