

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011520\
 Data File : VN059713.D
 Acq On : 15 Jan 2020 11:49
 Operator : JC/MD
 Sample : VN0115WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD01

Quant Time: Jan 16 03:41:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	183807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	281802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	252711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122728	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	105617	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
35) Dibromofluoromethane	7.56	113	89485	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
50) Toluene-d8	10.08	98	335158	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.40	95	118857	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	44286	20.123	ug/l	97
3) Chloromethane	2.04	50	41897	19.910	ug/l	97
4) Vinyl Chloride	2.17	62	50433	20.946	ug/l	97
5) Bromomethane	2.54	94	30472	20.738	ug/l	94
6) Chloroethane	2.68	64	22725	19.950	ug/l	95
7) Trichlorofluoromethane	3.00	101	58759	20.321	ug/l	99
8) Diethyl Ether	3.38	74	21240	20.931	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	33680	20.928	ug/l	93
10) Methyl Iodide	3.93	142	51337	19.735	ug/l	95
11) Tert butyl alcohol	4.73	59	33276	96.837	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	33629	19.998	ug/l	88
13) Acrolein	3.58	56	18181	74.743	ug/l	100
14) Allyl chloride	4.29	41	51073	22.532	ug/l #	95
15) Acrylonitrile	4.94	53	79677	101.649	ug/l	99
16) Acetone	3.78	43	73635	99.750	ug/l	95
17) Carbon Disulfide	4.03	76	94048	19.632	ug/l	99
18) Methyl Acetate	4.29	43	48777	20.458	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	113077	20.624	ug/l	96
20) Methylene Chloride	4.52	84	37703	19.630	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	36365	20.343	ug/l	84
22) Diisopropyl ether	5.91	45	105190	20.478	ug/l	94
23) Vinyl Acetate	5.86	43	400212	100.631	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	63090	20.101	ug/l	97
25) 2-Butanone	6.80	43	108622	93.969	ug/l	93
26) 2,2-Dichloropropane	6.79	77	57791	19.153	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	41779	20.320	ug/l	86
28) Bromochloromethane	7.17	49	25043	19.963	ug/l #	71
29) Tetrahydrofuran	7.18	42	68602	95.920	ug/l #	87
30) Chloroform	7.35	83	66416	20.423	ug/l	100
31) Cyclohexane	7.63	56	58025	19.213	ug/l	87
32) 1,1,1-Trichloroethane	7.54	97	61495	20.452	ug/l	96
36) 1,1-Dichloropropene	7.77	75	48481	19.756	ug/l	94
37) Ethyl Acetate	6.90	43	43537	18.915	ug/l	95
38) Carbon Tetrachloride	7.75	117	53816	20.160	ug/l	97

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 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Time: Jan 16 03:41:43 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	60262	19.915	ug/l	93
40) Benzene	8.02	78	146516	20.019	ug/l	99
41) Methacrylonitrile	7.18	41	65503	57.778	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	52017	20.962	ug/l	96
43) Isopropyl Acetate	8.14	43	77121	19.480	ug/l #	94
44) Trichloroethene	8.82	130	42125	21.084	ug/l	93
45) 1,2-Dichloropropane	9.10	63	37883	20.918	ug/l	97
46) Dibromomethane	9.19	93	26860	21.025	ug/l	90
47) Bromodichloromethane	9.39	83	53182	20.658	ug/l	100
48) Methyl methacrylate	9.18	41	34361	19.404	ug/l #	89
49) 1,4-Dioxane	9.18	88	13417	413.880	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	225090	98.355	ug/l	96
52) Toluene	10.14	92	94323	20.403	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	59079	20.552	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	62912	20.800	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	38143	20.832	ug/l	98
56) Ethyl methacrylate	10.42	69	56279	20.116	ug/l	90
57) 1,3-Dichloropropane	10.70	76	62030	21.339	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	96423	114.426	ug/l #	90
59) 2-Hexanone	10.74	43	163026	96.695	ug/l	94
60) Dibromochloromethane	10.89	129	43311	20.773	ug/l	100
61) 1,2-Dibromoethane	10.99	107	40264	20.981	ug/l	99
64) Tetrachloroethene	10.62	164	39880	19.363	ug/l	95
65) Chlorobenzene	11.43	112	103069	20.750	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	39322	20.488	ug/l	98
67) Ethyl Benzene	11.50	91	183405	20.340	ug/l	98
68) m/p-Xylenes	11.61	106	141435	41.525	ug/l	93
69) o-Xylene	11.94	106	69273	20.774	ug/l	93
70) Styrene	11.96	104	113485	20.338	ug/l	97
71) Bromoform	12.12	173	32306	21.014	ug/l #	99
73) Isopropylbenzene	12.25	105	181205	20.132	ug/l	99
74) N-amyl acetate	12.07	43	65246	18.681	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	52941	20.289	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	68392	33.113	ug/l #	100
77) Bromobenzene	12.52	156	46798	20.531	ug/l	81
78) n-propylbenzene	12.59	91	201863	19.981	ug/l	97
79) 2-Chlorotoluene	12.67	91	118303	19.684	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	152973	20.209	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	18674	19.416	ug/l	92
82) 4-Chlorotoluene	12.77	91	121752	20.197	ug/l	95
83) tert-Butylbenzene	12.99	119	131741	20.123	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	153132	20.448	ug/l	99
85) sec-Butylbenzene	13.17	105	171811	19.974	ug/l	99
86) p-Isopropyltoluene	13.28	119	157766	19.822	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	79983	20.201	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	80873	20.475	ug/l	97
89) n-Butylbenzene	13.61	91	133014	19.601	ug/l	98
90) Hexachloroethane	13.87	117	29128	19.561	ug/l	86
91) 1,2-Dichlorobenzene	13.65	146	79810	20.390	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11453	19.161	ug/l	83

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	48834	20.763	ug/l	99
94) Hexachlorobutadiene	15.01	225	26317	20.305	ug/l	99
95) Naphthalene	15.13	128	133140	19.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	46378	20.258	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

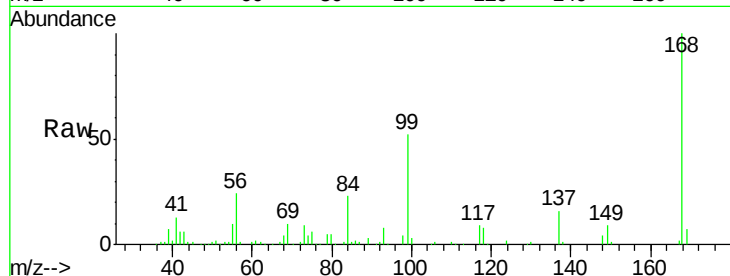
VN0115WBSD01

Tgt Ion:168 Resp: 183807

Ion Ratio Lower Upper

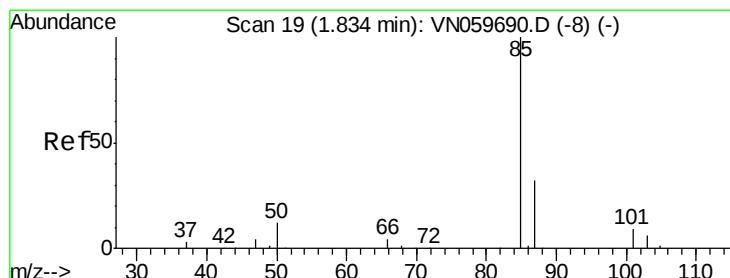
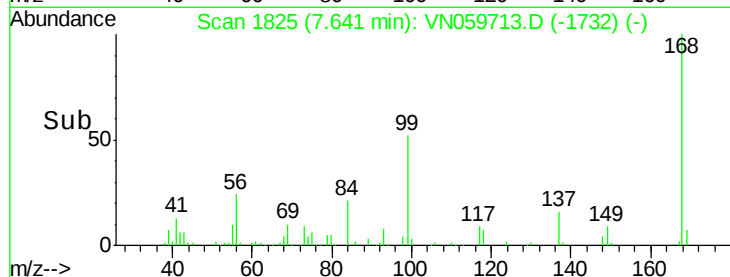
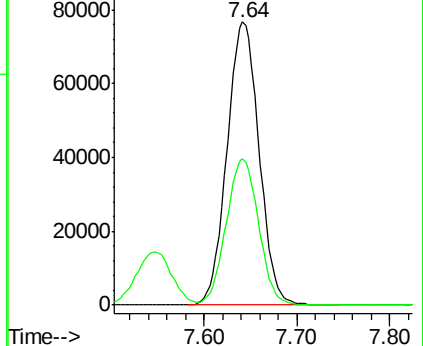
168 100

99 51.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.123 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059713.D

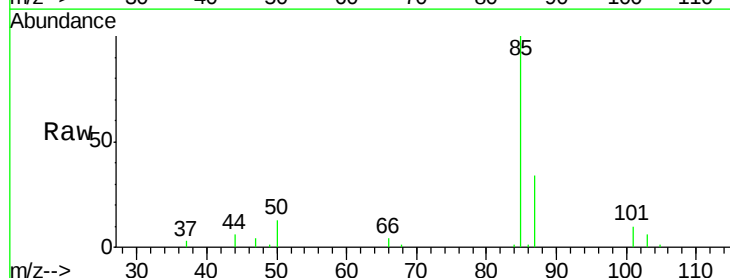
Acq: 15 Jan 2020 11:49

Tgt Ion: 85 Resp: 44286

Ion Ratio Lower Upper

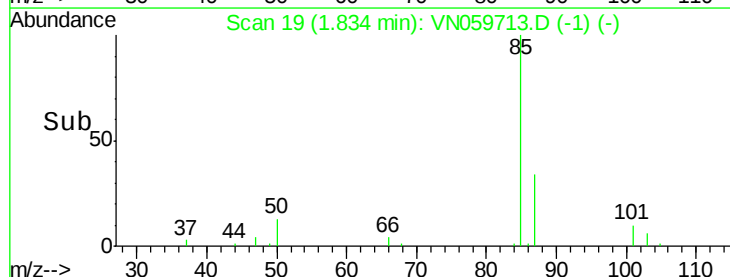
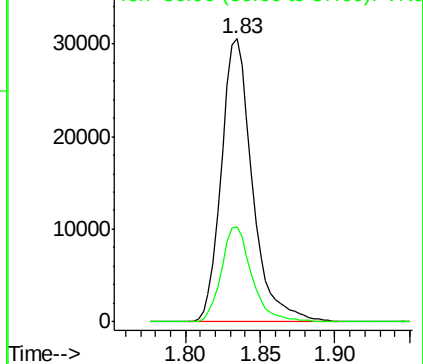
85 100

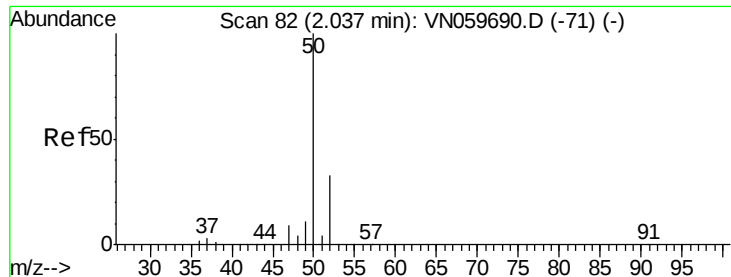
87 33.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 19.910 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

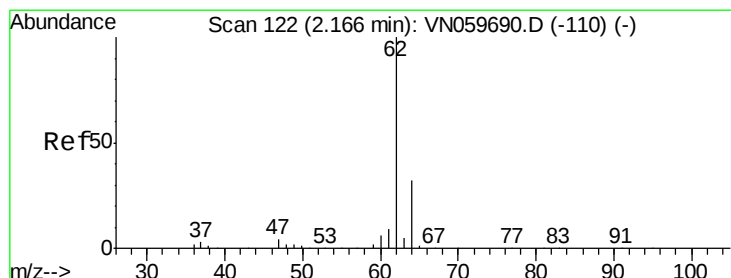
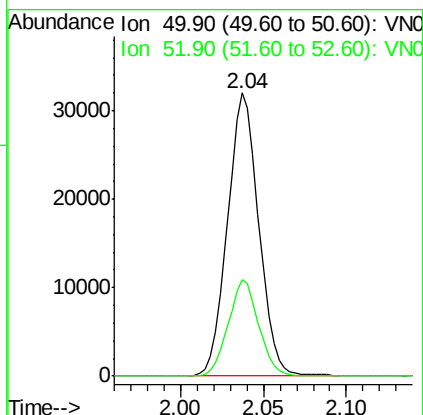
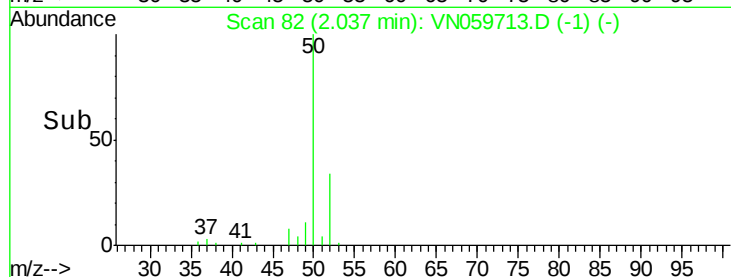
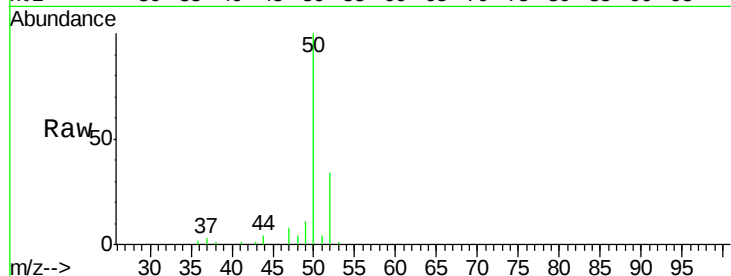
VN0115WBSD01

Tgt Ion: 50 Resp: 41897

Ion Ratio Lower Upper

50 100

52 34.0 25.9 38.9



#4

Vinyl Chloride

Concen: 20.946 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059713.D

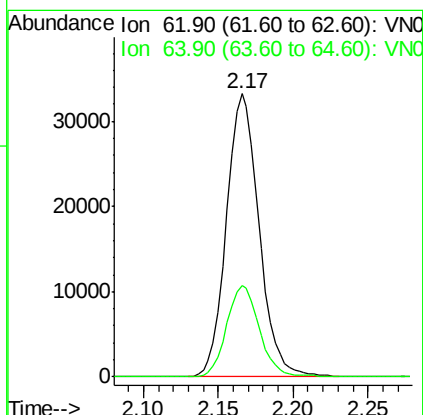
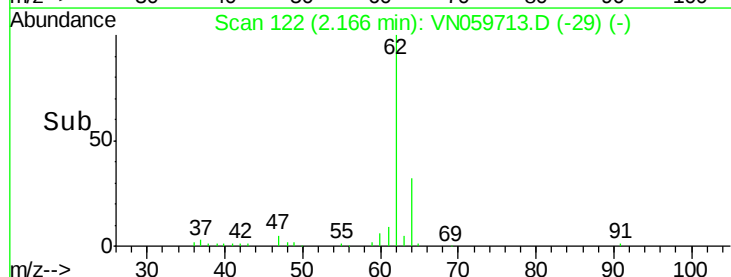
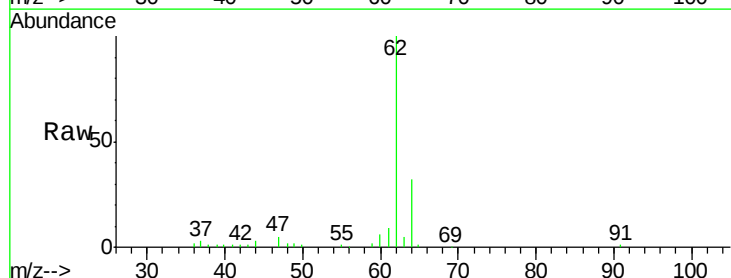
Acq: 15 Jan 2020 11:49

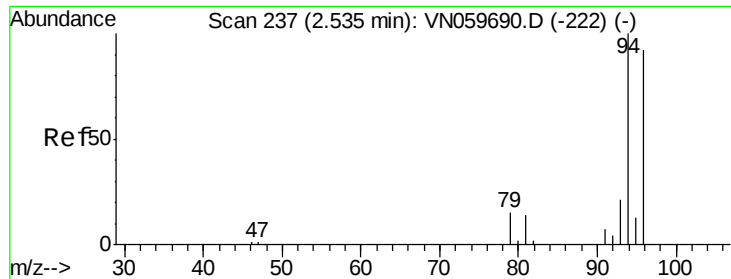
Tgt Ion: 62 Resp: 50433

Ion Ratio Lower Upper

62 100

64 32.4 24.6 37.0

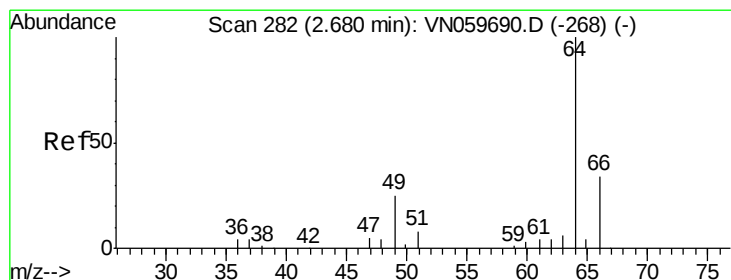
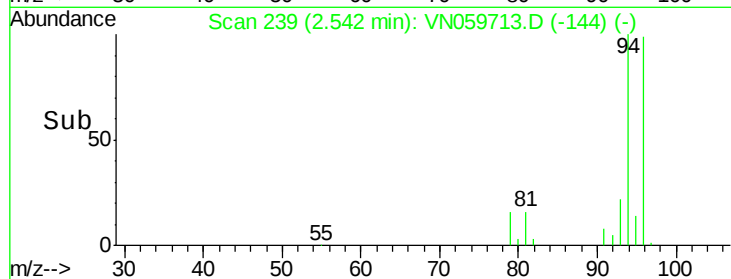
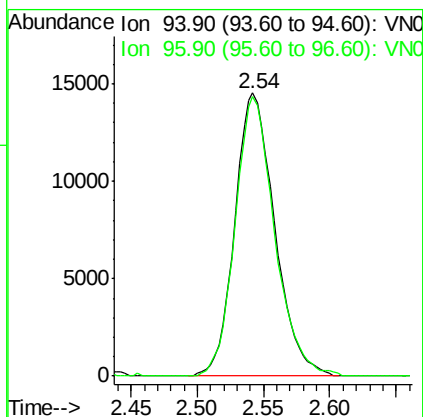
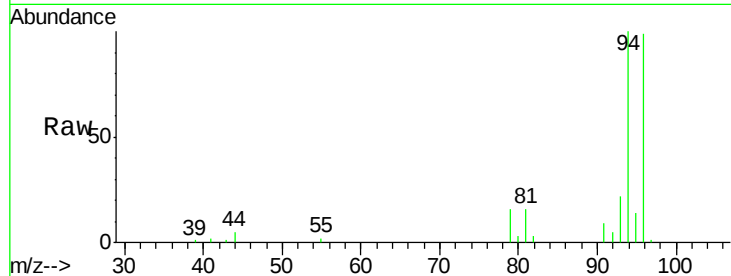




#5
Bromomethane
Concen: 20.738 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

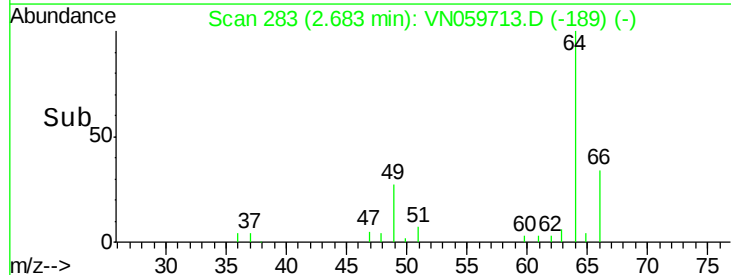
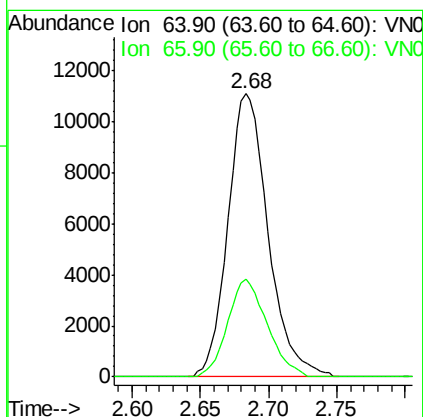
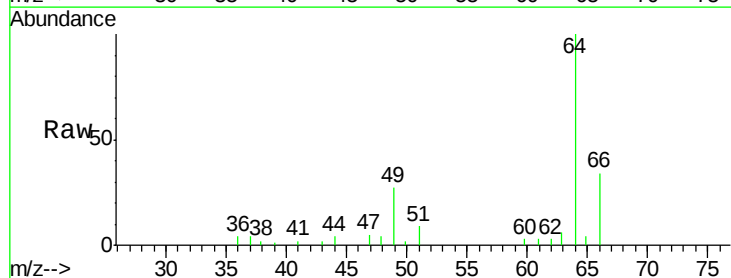
Instrument :
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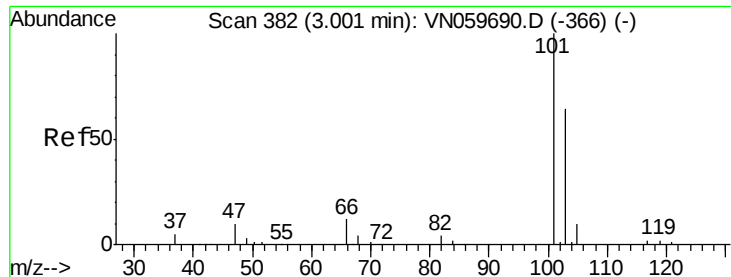
Tgt Ion: 94 Resp: 30472
Ion Ratio Lower Upper
94 100
96 98.7 74.7 112.1



#6
Chloroethane
Concen: 19.950 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Tgt Ion: 64 Resp: 22725
Ion Ratio Lower Upper
64 100
66 34.3 25.1 37.7



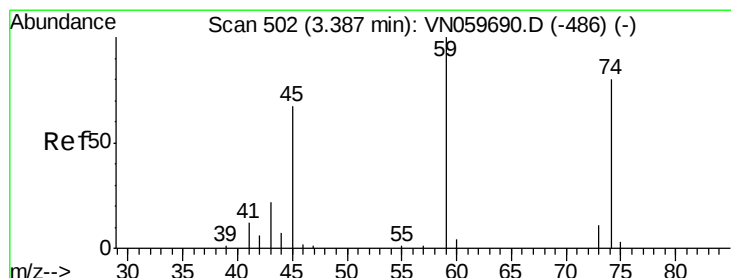
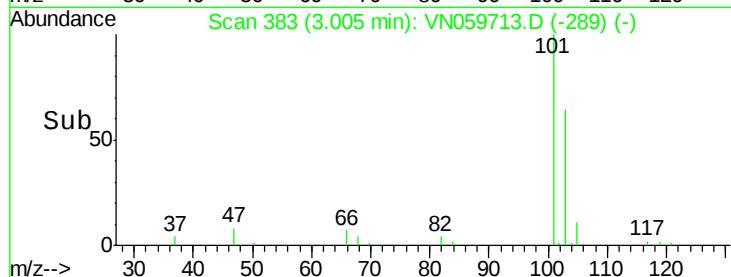
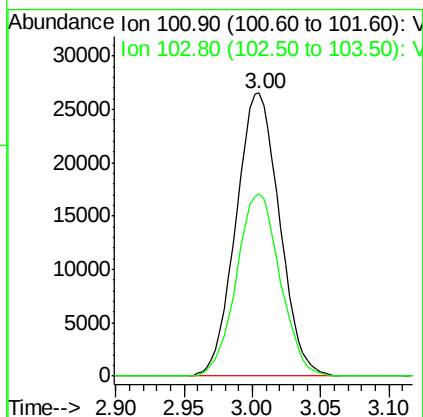
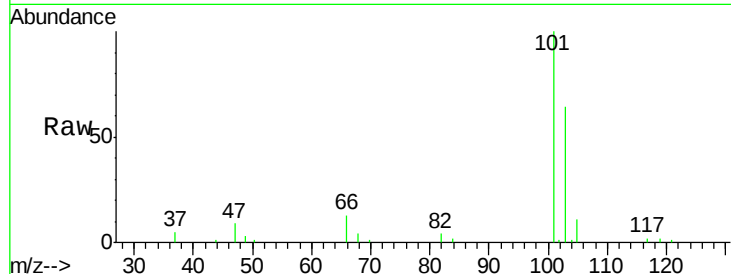


#7

Trichlorofluoromethane
Concen: 20.321 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

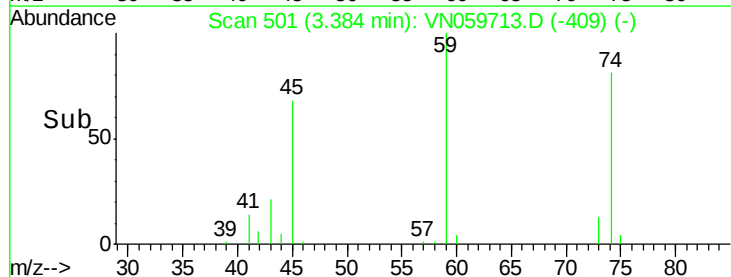
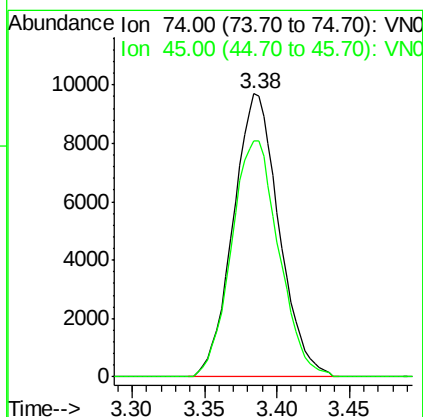
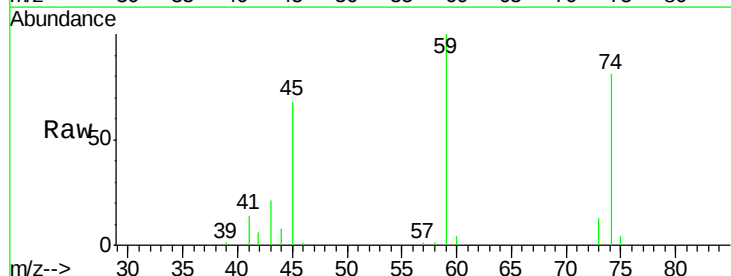
Tgt Ion: 101 Resp: 58759
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.6



#8

Diethyl Ether
Concen: 20.931 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Tgt Ion: 74 Resp: 21240
Ion Ratio Lower Upper
74 100
45 86.4 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.928 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

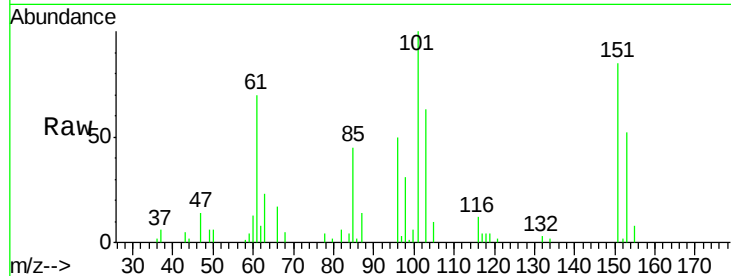
Tgt Ion:101 Resp: 33680

Ion Ratio Lower Upper

101 100

85 43.8 36.6 54.8

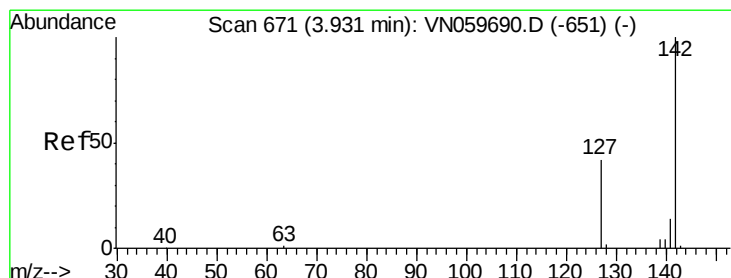
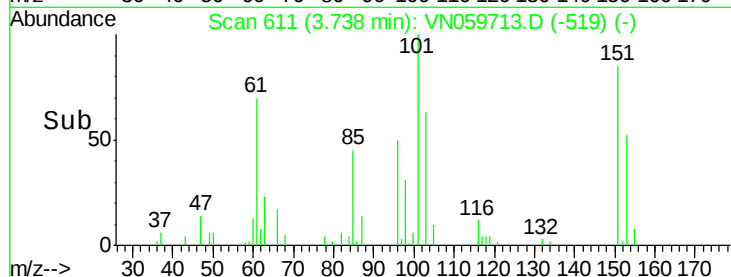
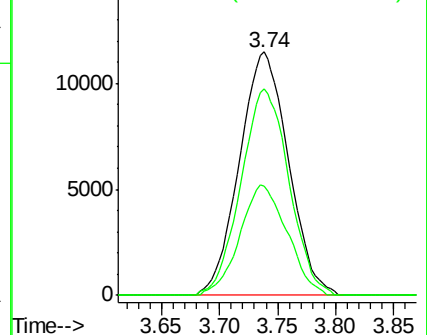
151 83.3 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.735 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

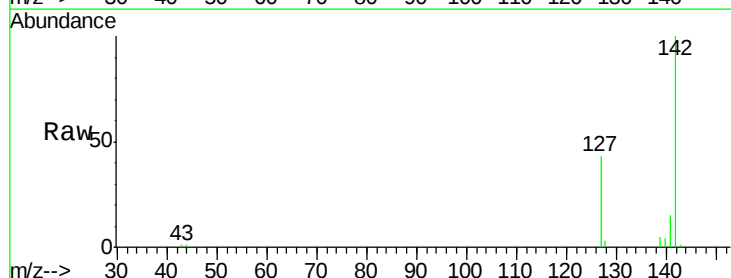
Tgt Ion:142 Resp: 51337

Ion Ratio Lower Upper

142 100

127 41.6 36.7 55.1

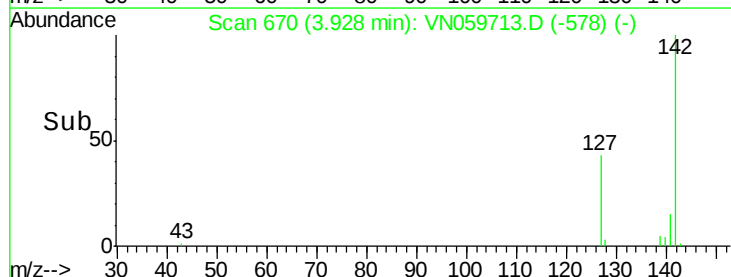
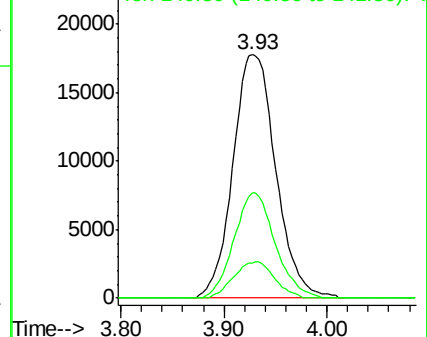
141 14.2 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



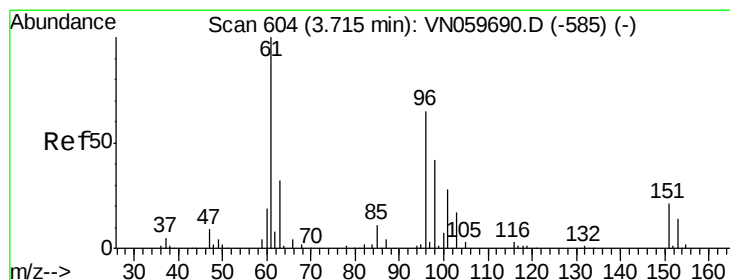
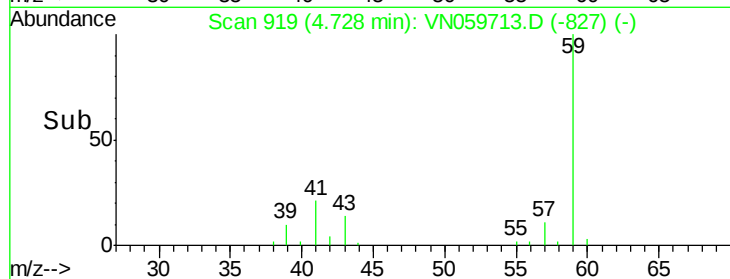
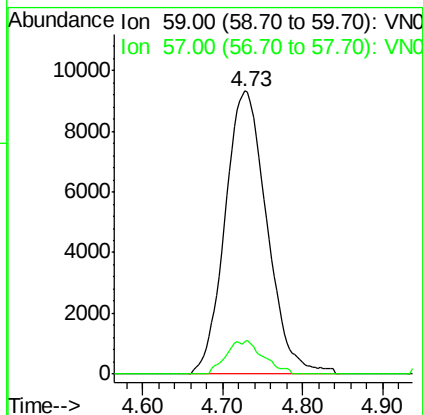
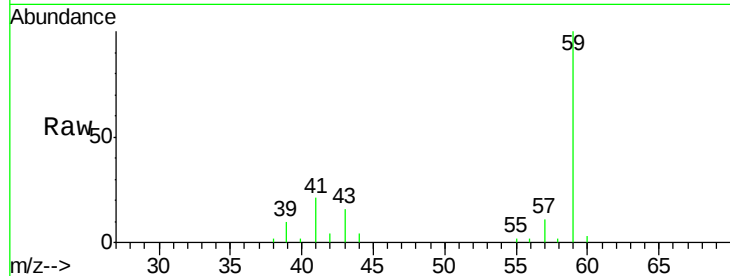


#11

Tert butyl alcohol
 Concen: 96.837 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD01

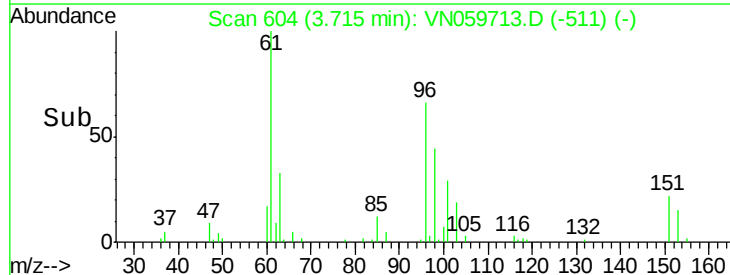
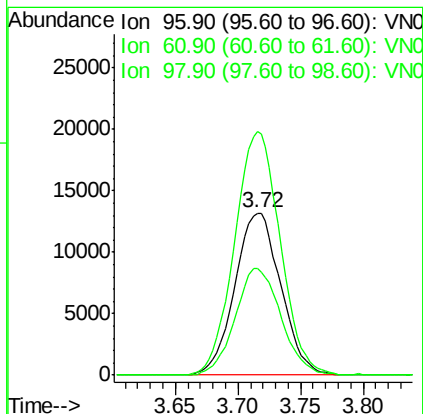
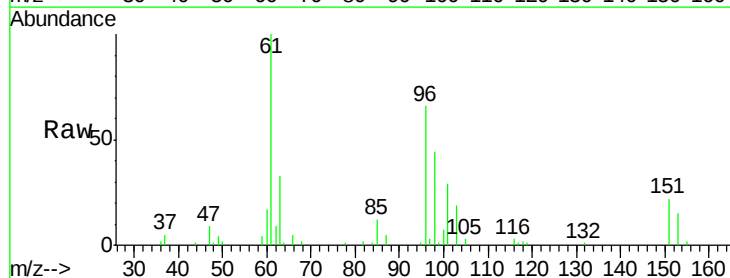
Tgt Ion: 59 Resp: 33276
 Ion Ratio Lower Upper
 59 100
 57 5.0 8.6 12.8#



#12

1,1-Dichloroethene
 Concen: 19.998 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

Tgt Ion: 96 Resp: 33629
 Ion Ratio Lower Upper
 96 100
 61 150.5 137.5 206.3
 98 65.7 50.2 75.4





#13

Acrolein

Concen: 74.743 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

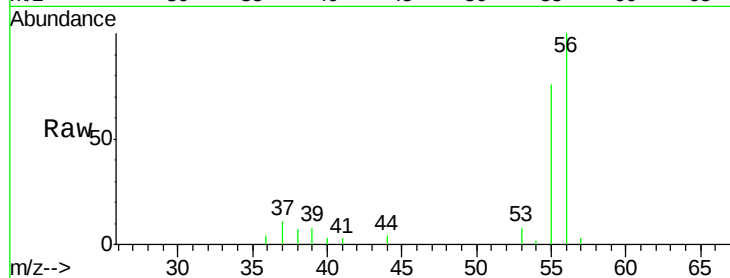
VN0115WBSD01

Tgt Ion: 56 Resp: 18181

Ion Ratio Lower Upper

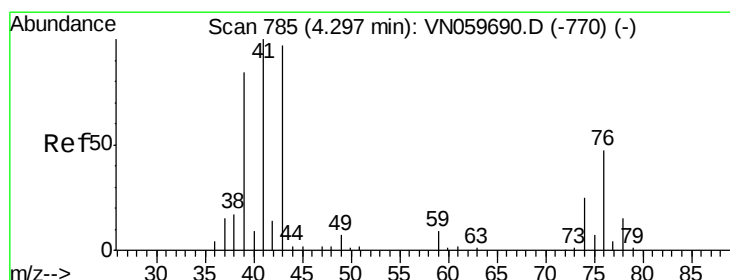
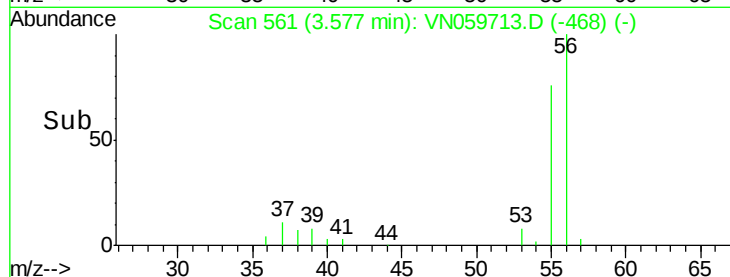
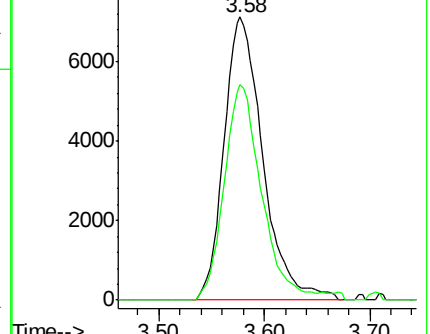
56 100

55 73.6 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 22.532 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

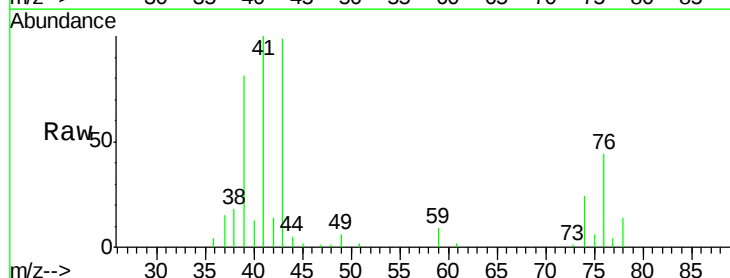
Tgt Ion: 41 Resp: 51073

Ion Ratio Lower Upper

41 100

39 73.4 57.8 86.8

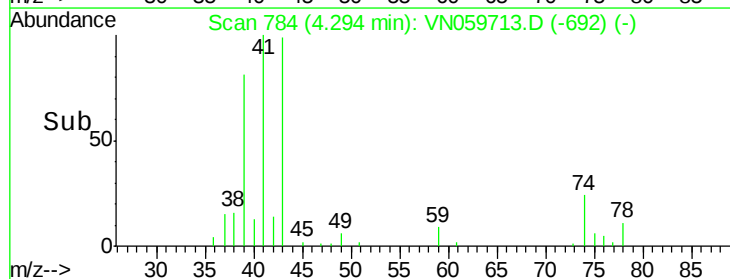
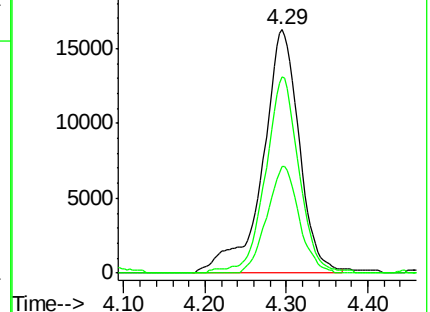
76 38.2 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 101.649 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

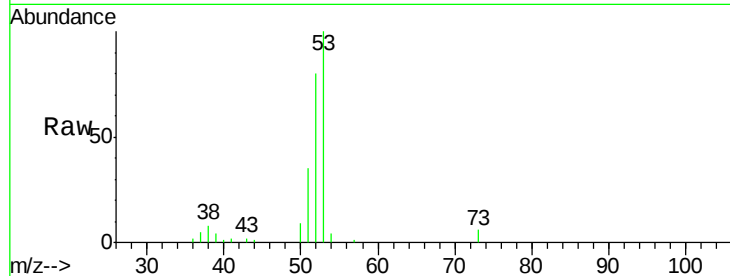
Tgt Ion: 53 Resp: 79677

Ion Ratio Lower Upper

53 100

52 81.6 66.3 99.5

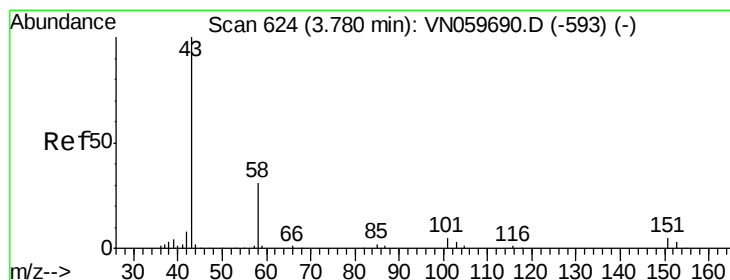
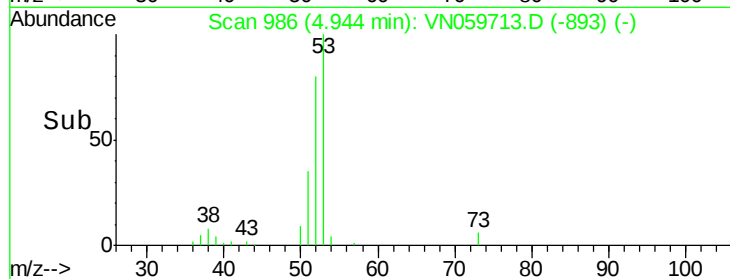
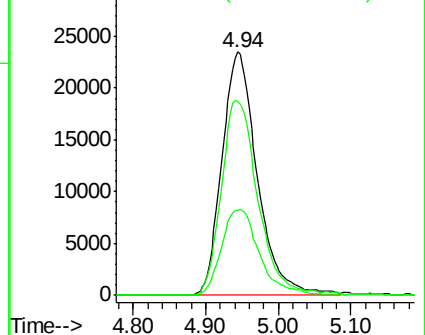
51 37.8 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 99.750 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059713.D

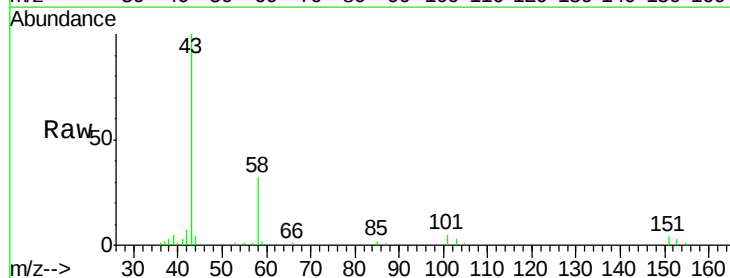
Acq: 15 Jan 2020 11:49

Tgt Ion: 43 Resp: 73635

Ion Ratio Lower Upper

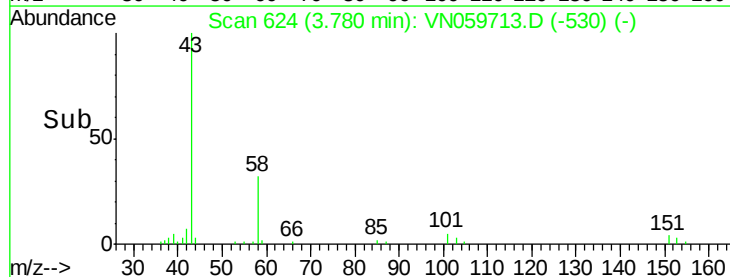
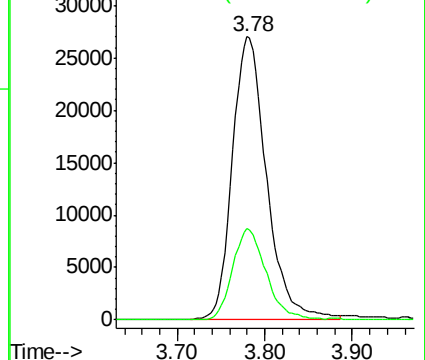
43 100

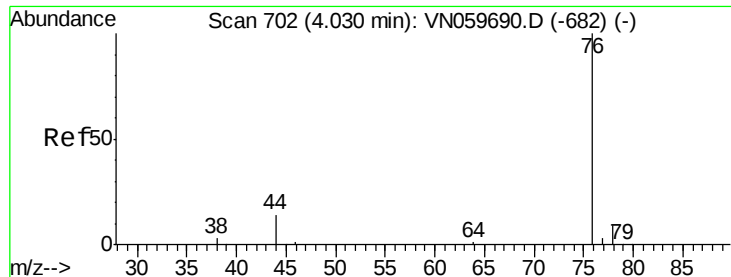
58 32.1 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 19.632 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

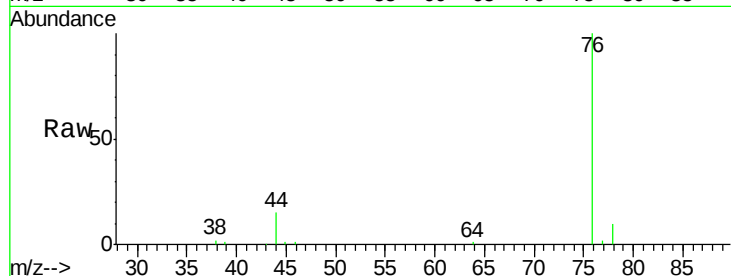
VN0115WBSD01

Tgt Ion: 76 Resp: 94048

Ion Ratio Lower Upper

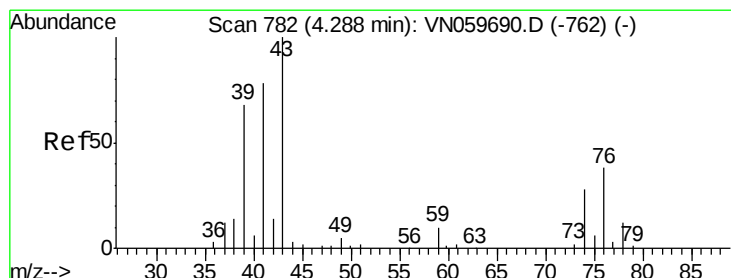
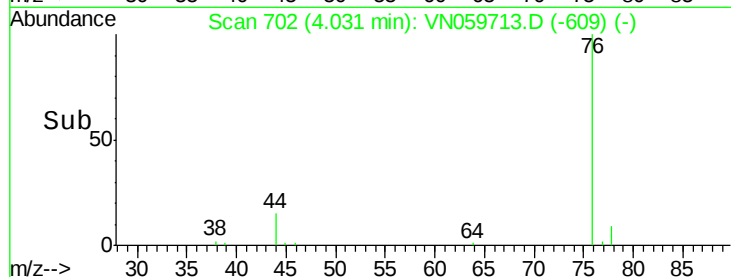
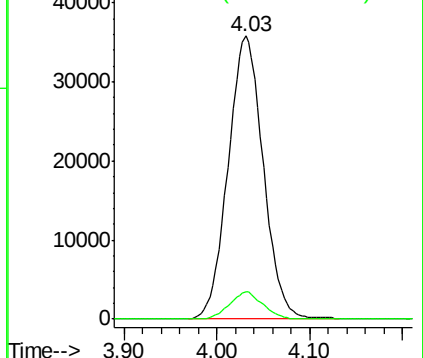
76 100

78 9.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 20.458 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN059713.D

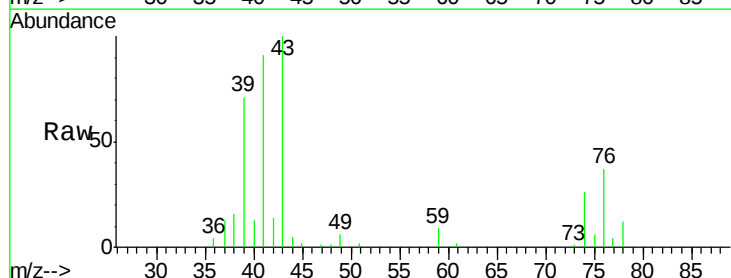
Acq: 15 Jan 2020 11:49

Tgt Ion: 43 Resp: 48777

Ion Ratio Lower Upper

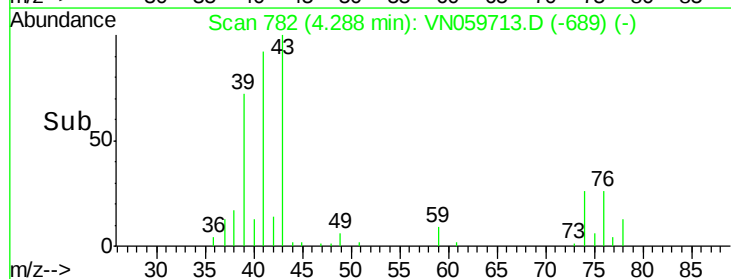
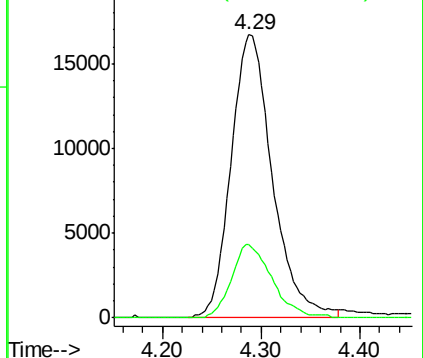
43 100

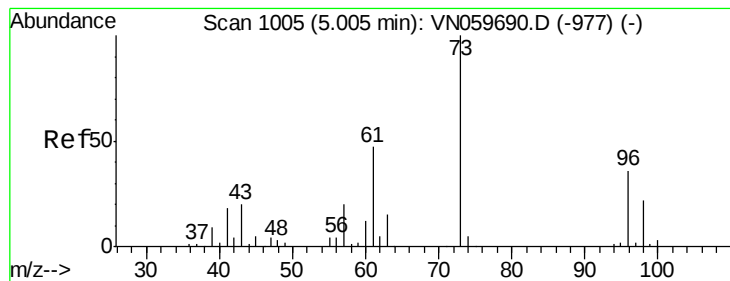
74 25.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#19

Methyl tert-butyl Ether

Concen: 20.624 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

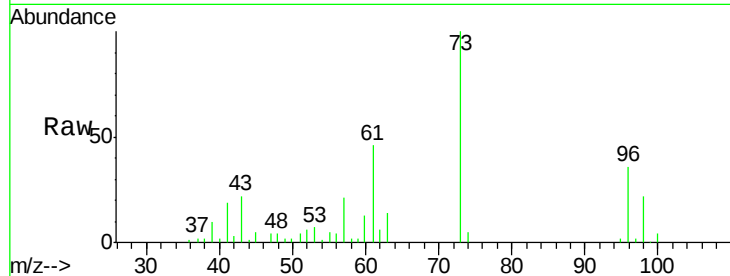
VN0115WBSD01

Tgt Ion: 73 Resp: 113077

Ion Ratio Lower Upper

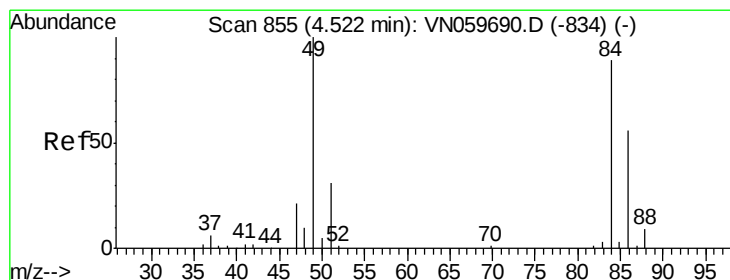
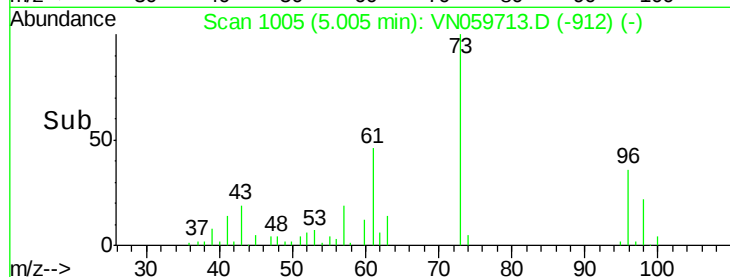
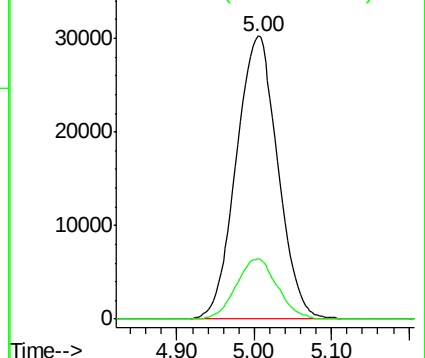
73 100

57 21.4 18.6 27.8



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 19.630 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Tgt Ion: 84 Resp: 37703

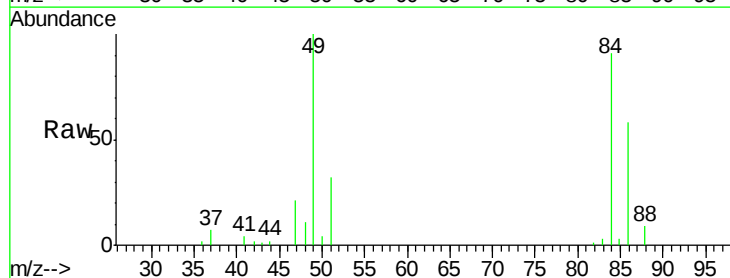
Ion Ratio Lower Upper

84 100

49 109.5 106.6 160.0

51 35.6 31.9 47.9

86 63.2 50.8 76.2

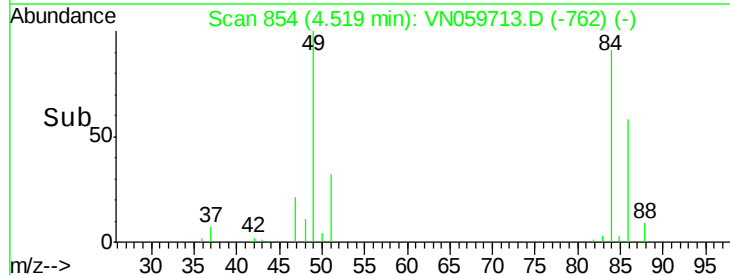
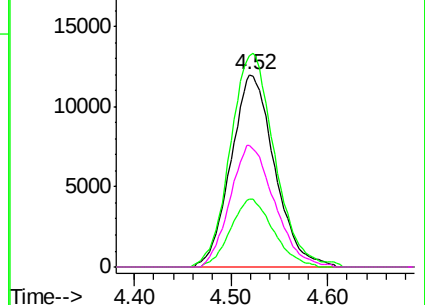


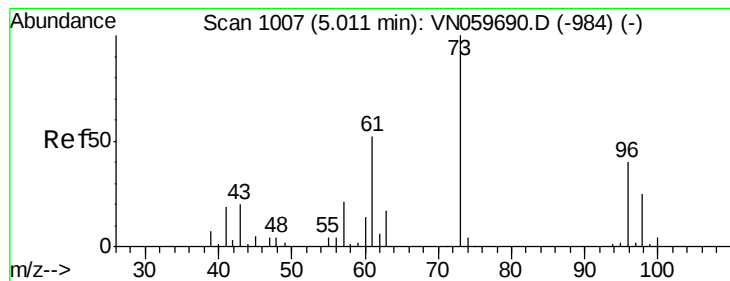
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 20.343 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

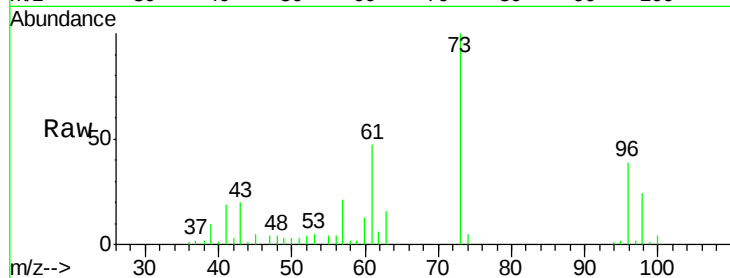
Tgt Ion: 96 Resp: 36365

Ion Ratio Lower Upper

96 100

61 121.3 120.4 180.6

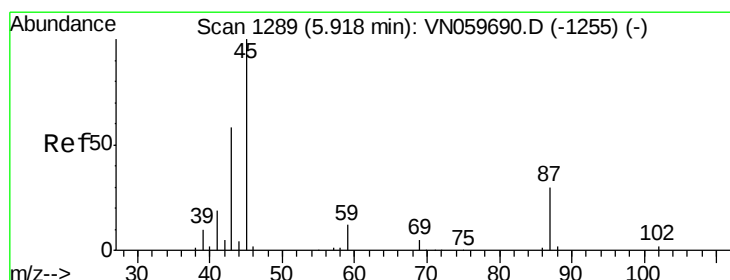
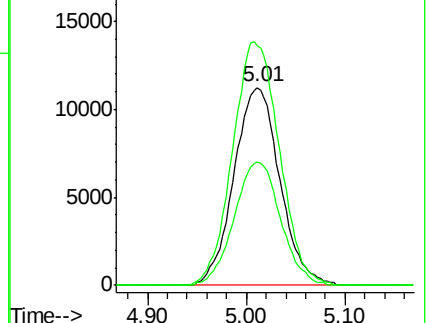
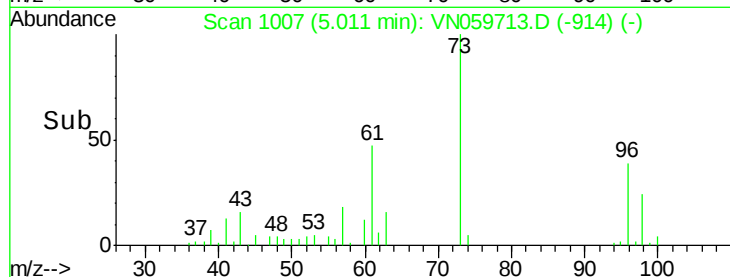
98 62.6 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.478 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Tgt Ion: 45 Resp: 105190

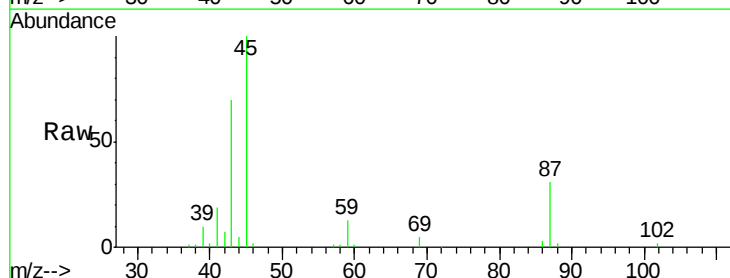
Ion Ratio Lower Upper

45 100

43 67.4 50.8 76.2

87 30.7 21.0 31.6

59 12.8 9.1 13.7

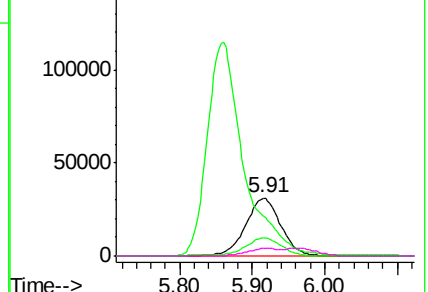
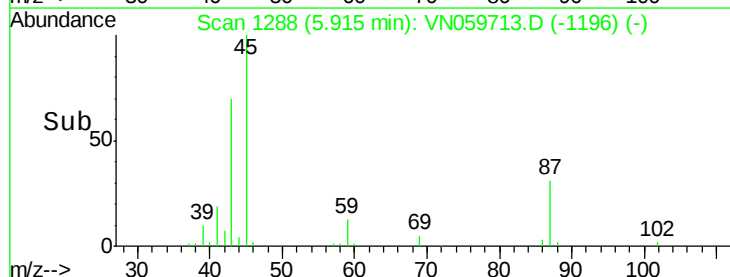


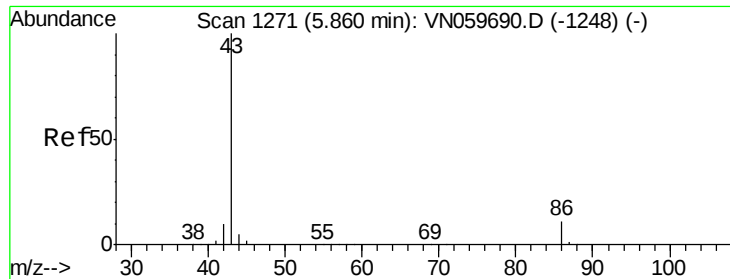
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 100.631 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

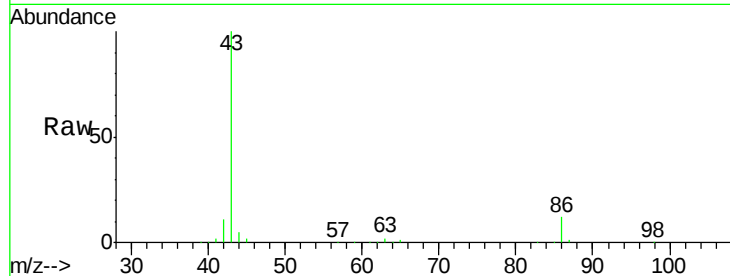
VN0115WBSD01

Tgt Ion: 43 Resp: 400212

Ion Ratio Lower Upper

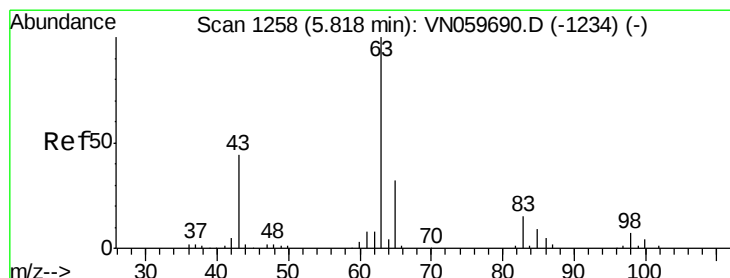
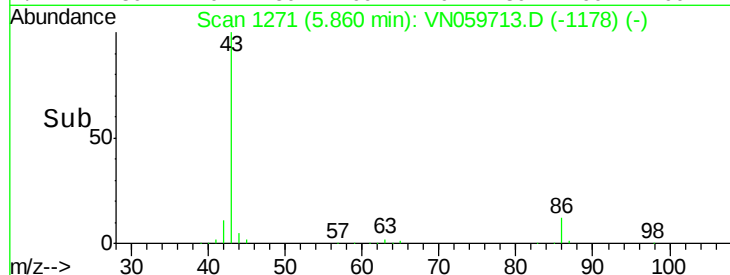
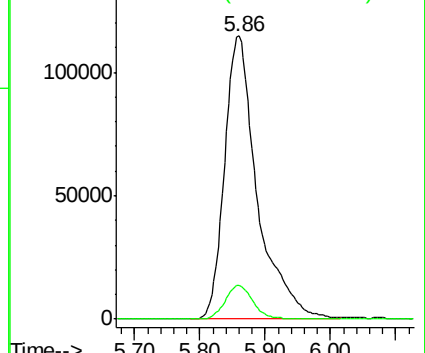
43 100

86 11.8 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.101 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

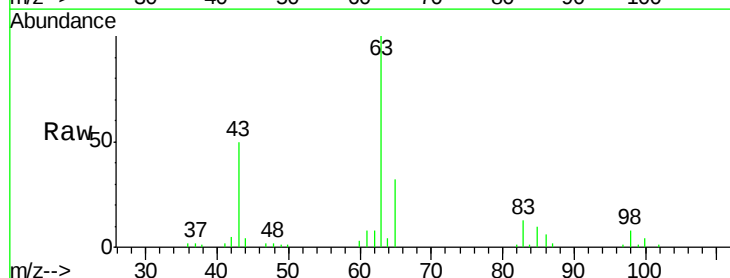
Tgt Ion: 63 Resp: 63090

Ion Ratio Lower Upper

63 100

98 7.6 2.9 8.7

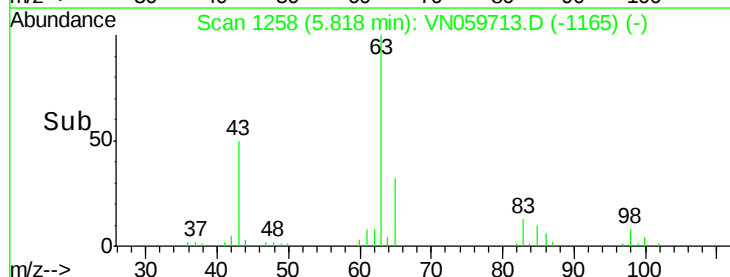
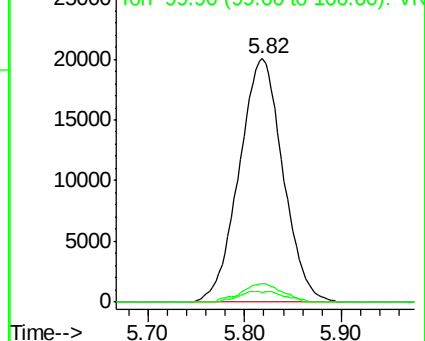
100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 93.969 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampled :

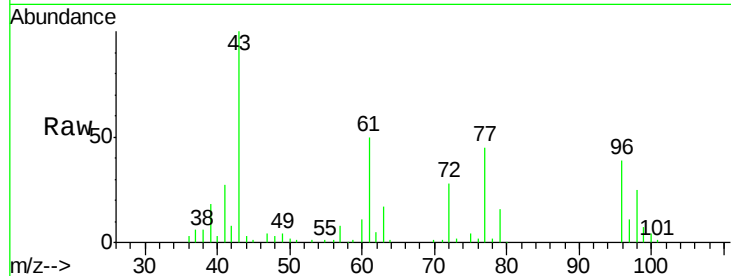
VN0115WBSD01

Tgt Ion: 43 Resp: 108622

Ion Ratio Lower Upper

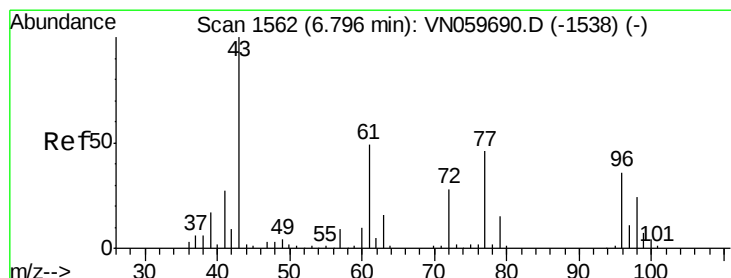
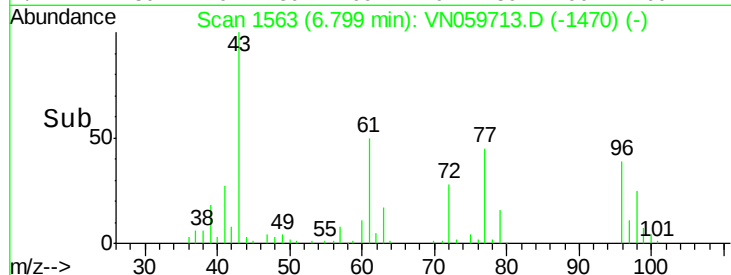
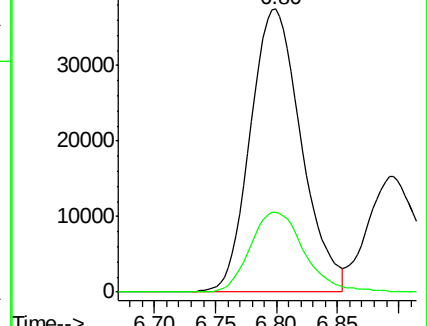
43 100

72 28.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 19.153 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059713.D

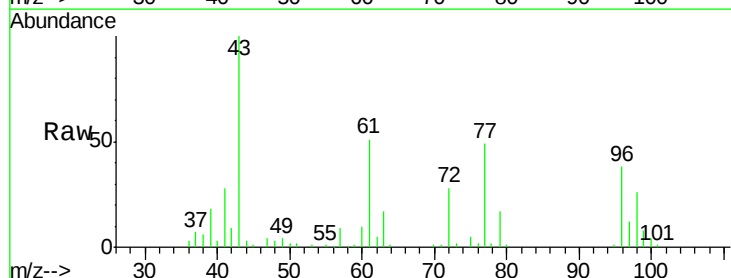
Acq: 15 Jan 2020 11:49

Tgt Ion: 77 Resp: 57791

Ion Ratio Lower Upper

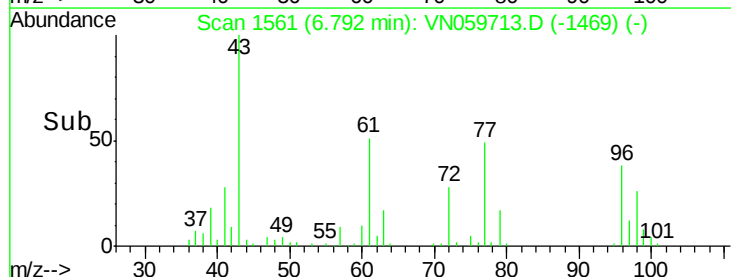
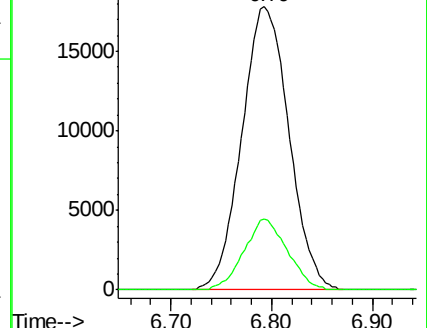
77 100

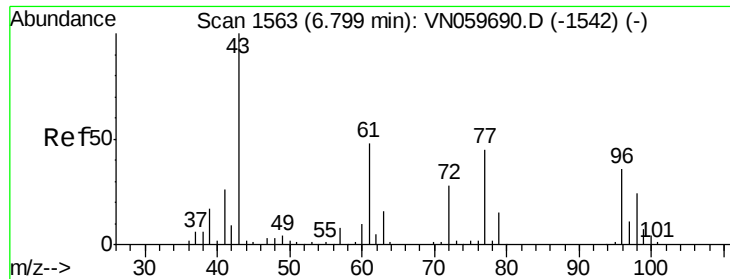
97 23.0 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.320 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

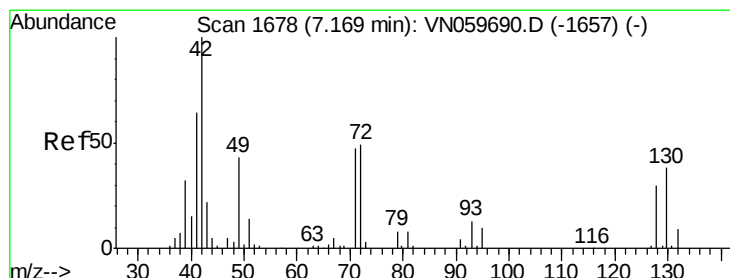
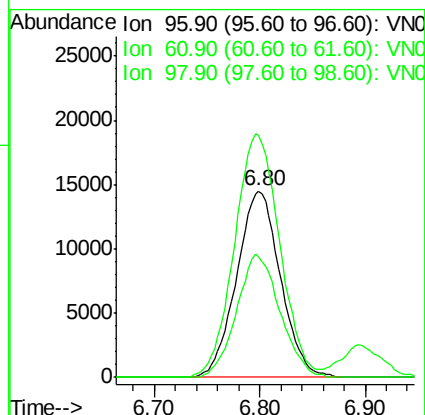
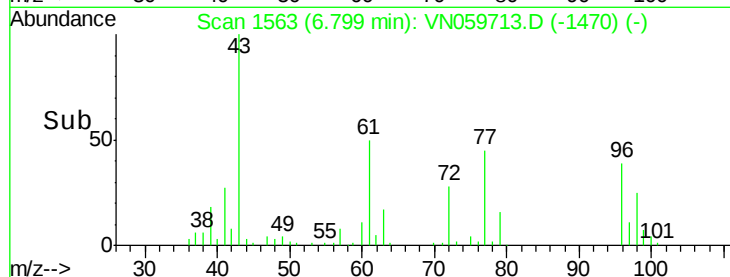
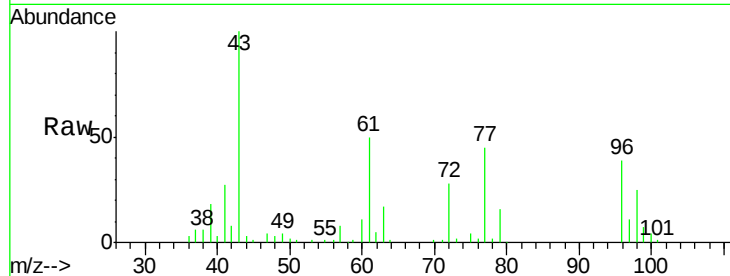
Tgt Ion: 96 Resp: 41779

Ion Ratio Lower Upper

96 100

61 135.0 0.0 317.6

98 65.2 0.0 127.0



#28

Bromochloromethane

Concen: 19.963 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

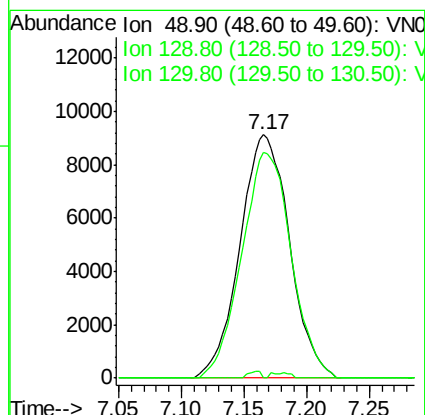
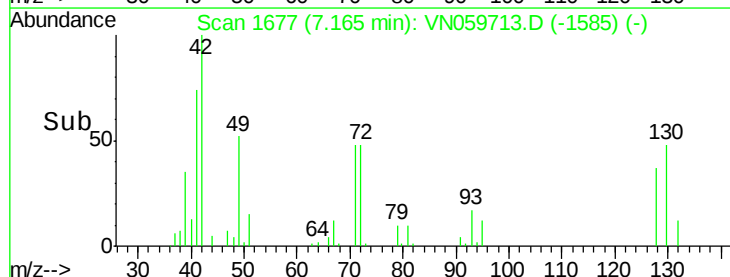
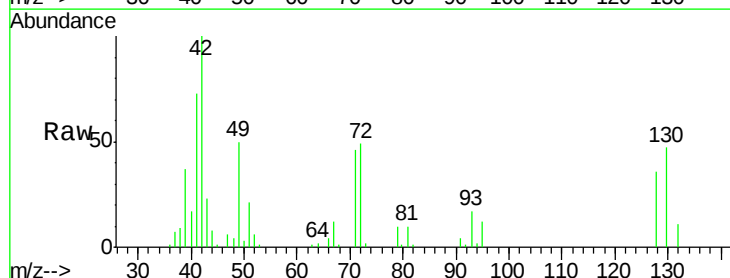
Tgt Ion: 49 Resp: 25043

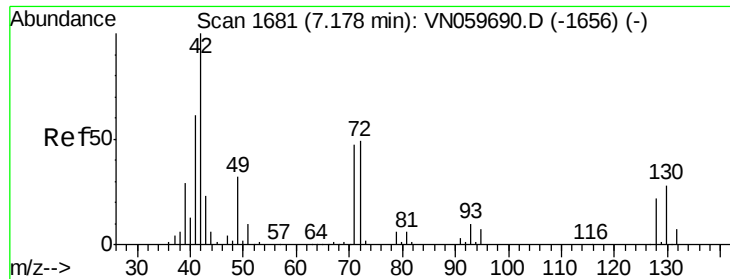
Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.4

130 92.7 54.7 82.1#

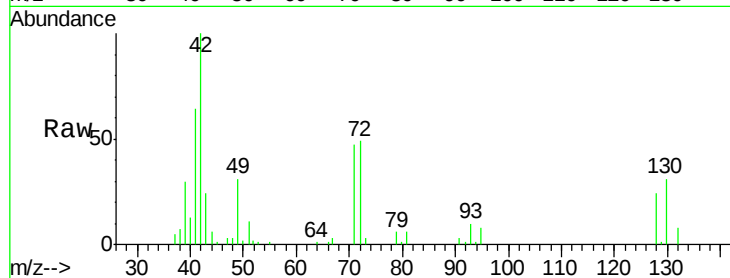




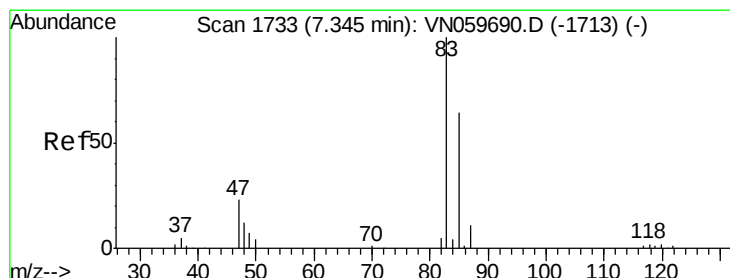
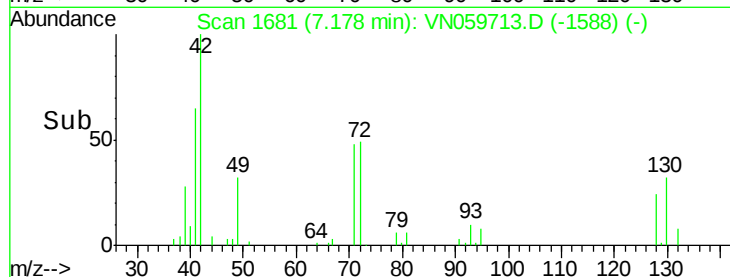
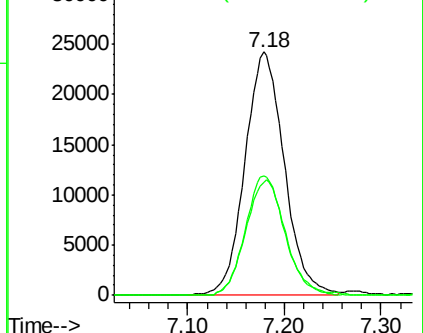
#29
Tetrahydrofuran
Concen: 95.920 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion: 42 Resp: 68602
Ion Ratio Lower Upper
42 100
72 49.2 33.1 49.7
71 47.5 31.4 47.0#

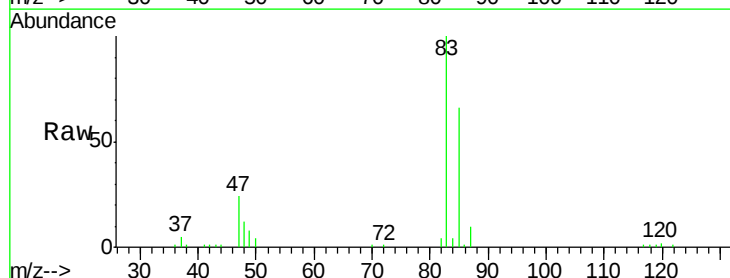


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

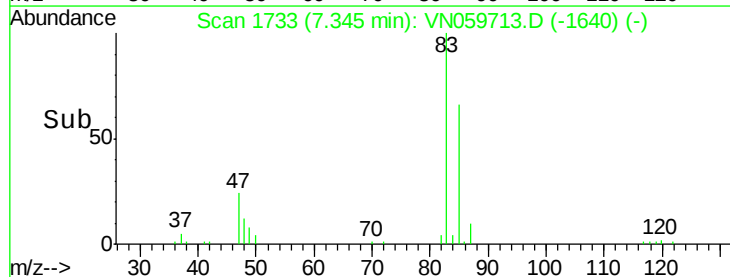
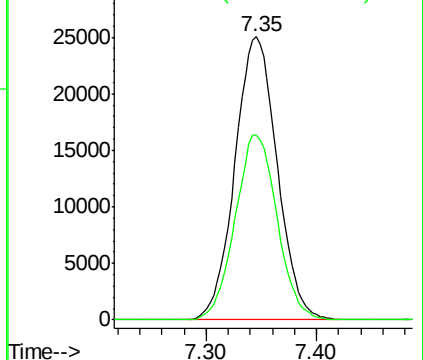


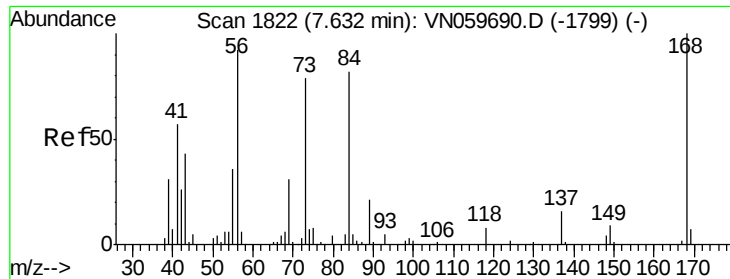
#30
Chloroform
Concen: 20.423 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Tgt Ion: 83 Resp: 66416
Ion Ratio Lower Upper
83 100
85 65.5 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

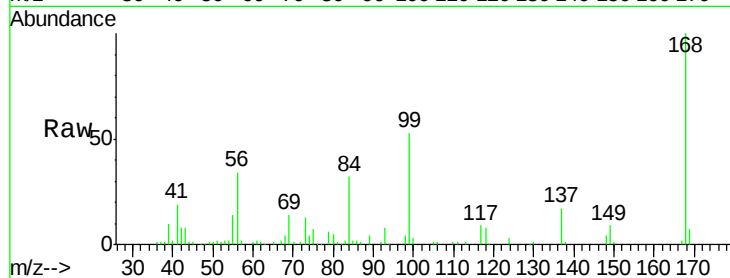




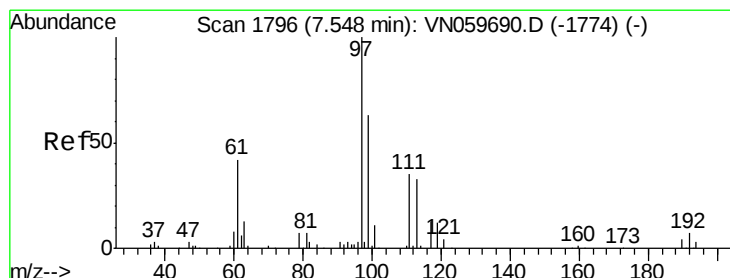
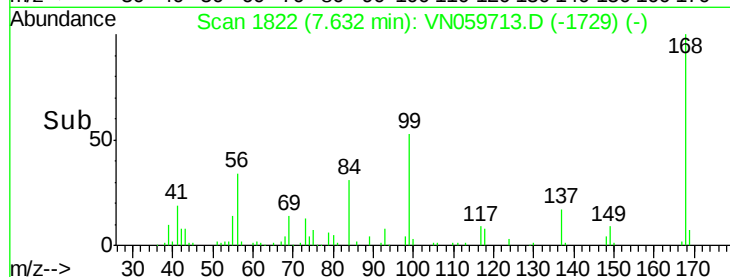
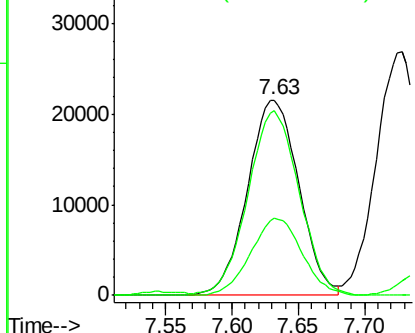
#31
Cyclohexane
Concen: 19.213 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampled :
VN0115WBSD01

Tgt Ion: 56 Resp: 58025
Ion Ratio Lower Upper
56 100
69 39.4 26.5 39.7
84 93.2 65.3 97.9

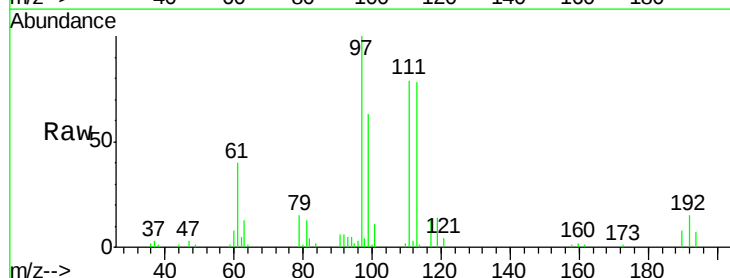


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

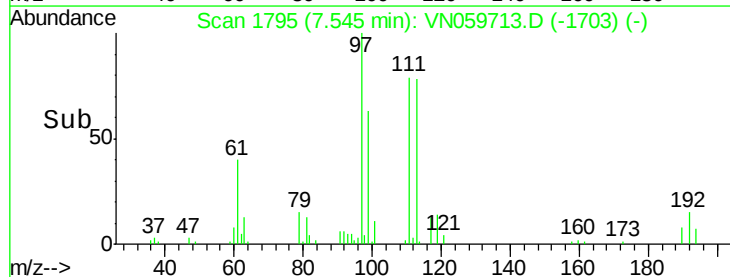
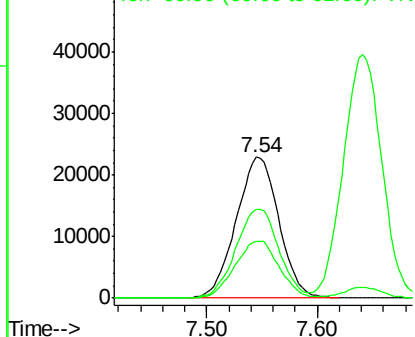


#32
1,1,1-Trichloroethane
Concen: 20.452 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Tgt Ion: 97 Resp: 61495
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 41.6 38.5 57.7



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

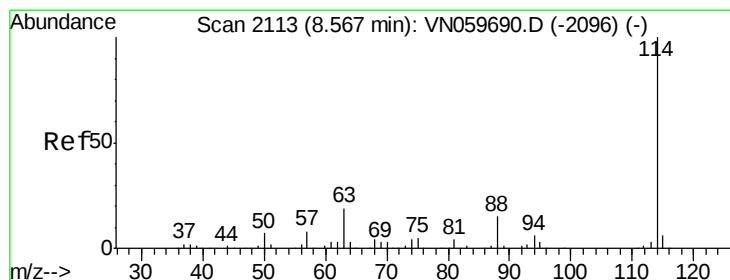
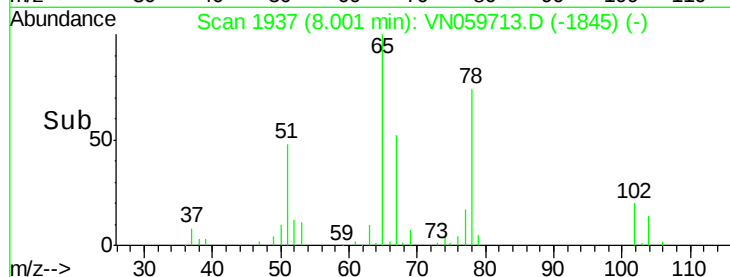
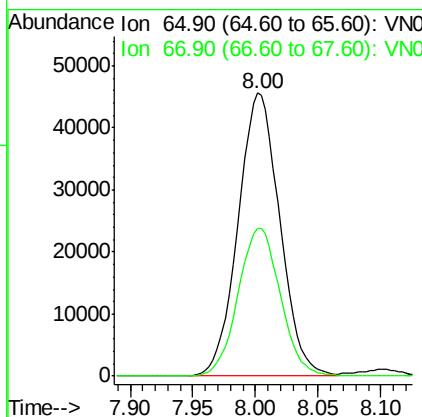
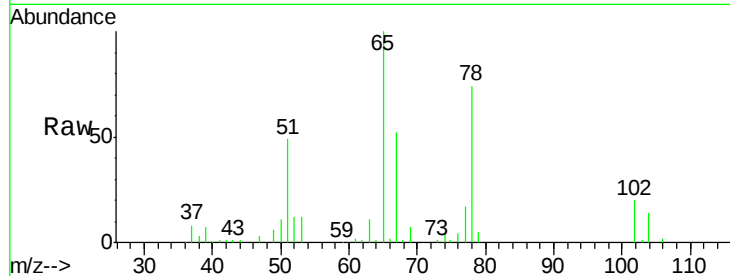




#33
 1,2-Dichloroethane-d4
 Concen: 51.742 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

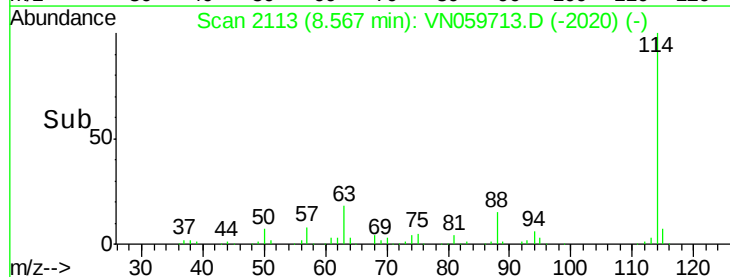
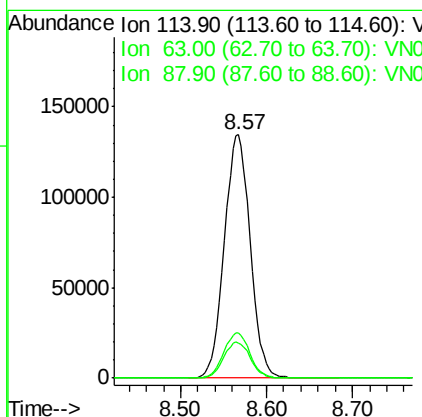
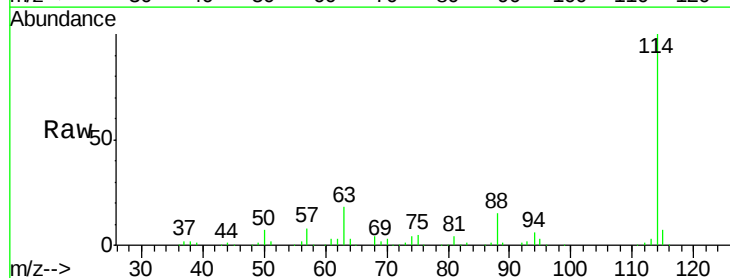
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD01

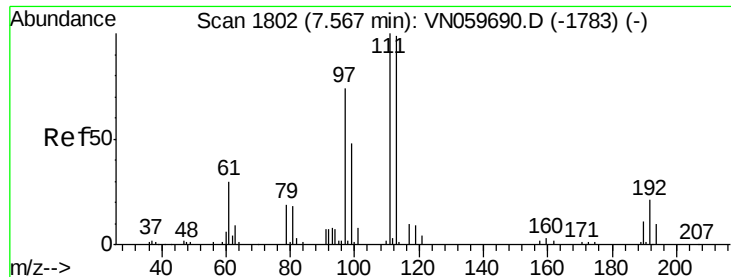
Tgt Ion: 65 Resp: 105617
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

Tgt Ion: 114 Resp: 281802
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 43.6
 88 14.6 0.0 31.4

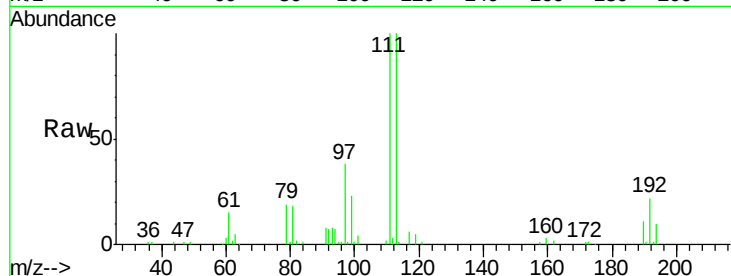




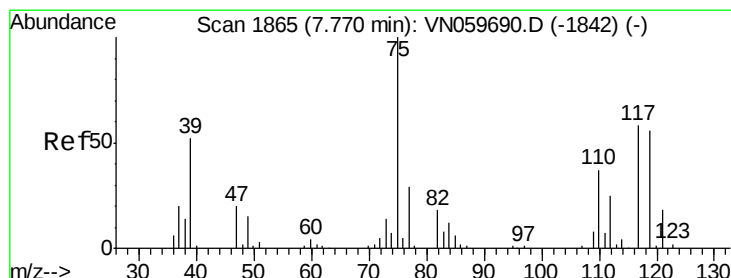
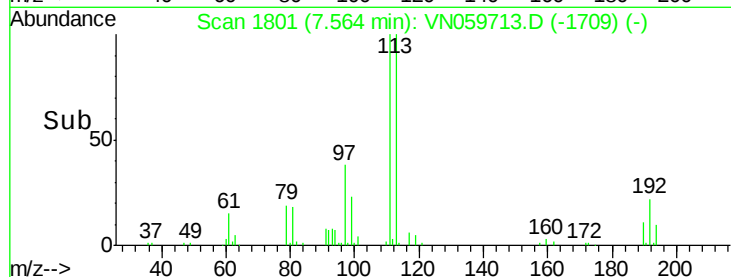
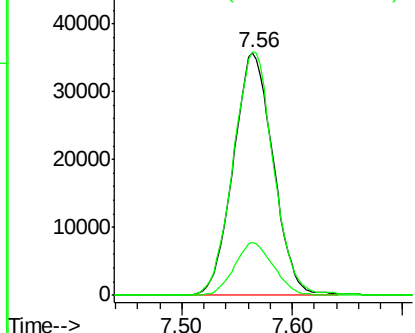
#35
 Dibromofluoromethane
 Concen: 53.249 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD01

Tgt Ion: 113 Resp: 89485
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.5 125.3
 192 21.2 15.4 23.2

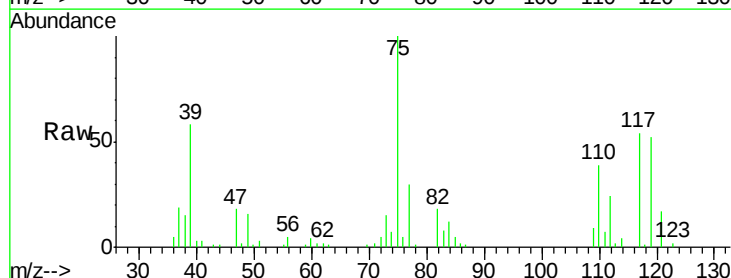


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

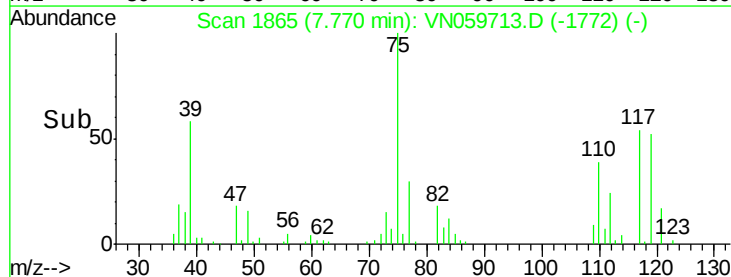
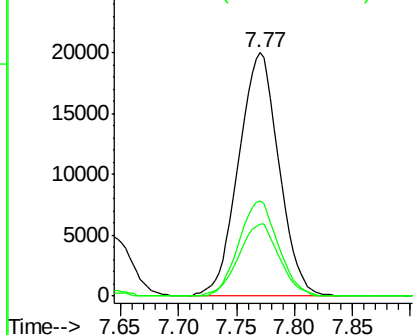


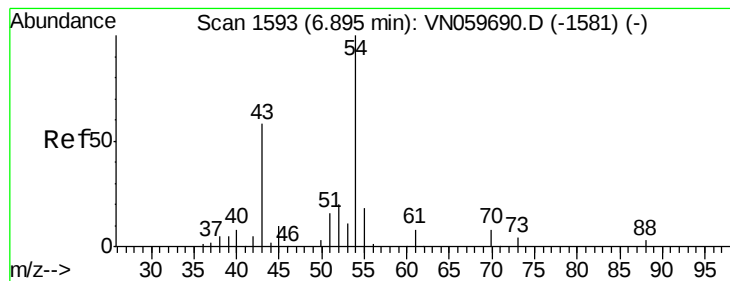
#36
 1,1-Dichloropropene
 Concen: 19.756 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

Tgt Ion: 75 Resp: 48481
 Ion Ratio Lower Upper
 75 100
 110 38.0 16.6 49.7
 77 29.9 25.1 37.7



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





#37

Ethyl Acetate

Concen: 18.915 ug/l

RT: 6.90 min Scan# 1593

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

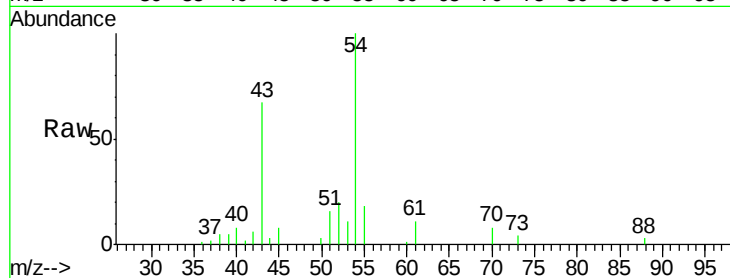
Tgt Ion: 43 Resp: 43537

Ion Ratio Lower Upper

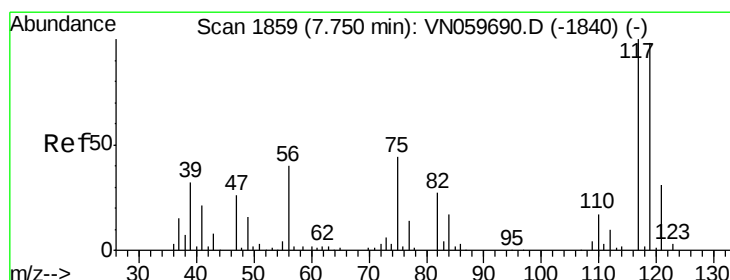
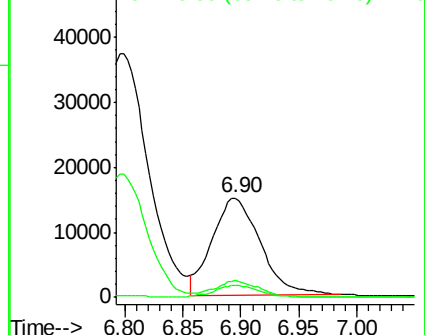
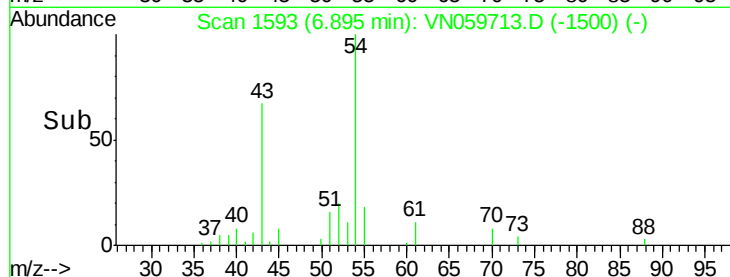
43 100

61 15.6 10.9 16.3

70 11.2 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN059713.D (-1500) (-)



#38

Carbon Tetrachloride

Concen: 20.160 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

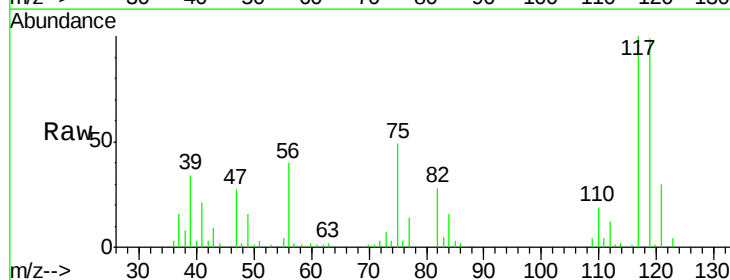
Tgt Ion: 117 Resp: 53816

Ion Ratio Lower Upper

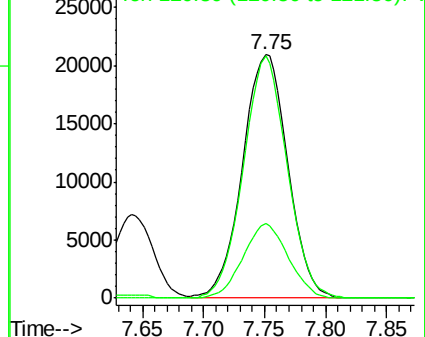
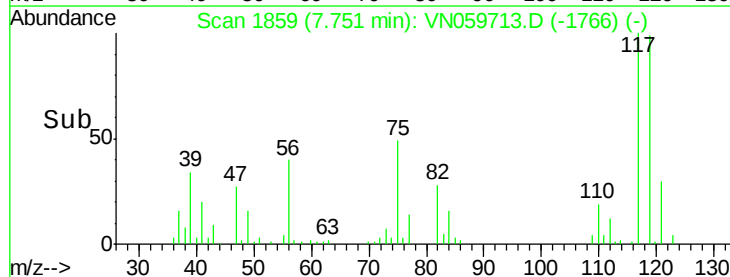
117 100

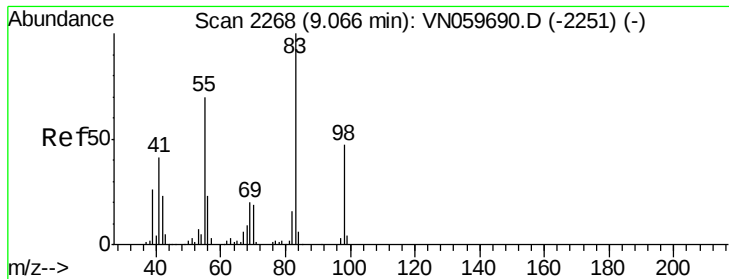
119 99.4 76.5 114.7

121 30.4 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): VN059713.D (-1766) (-)

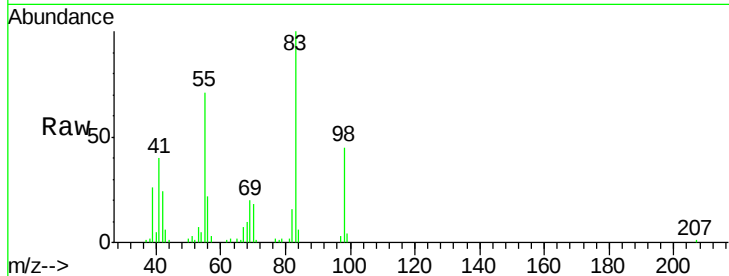




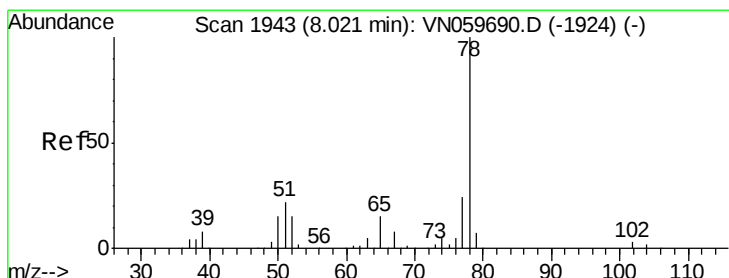
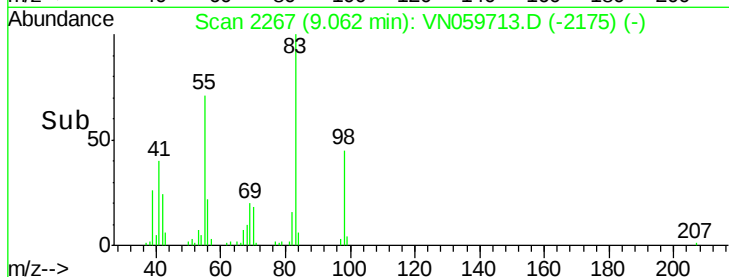
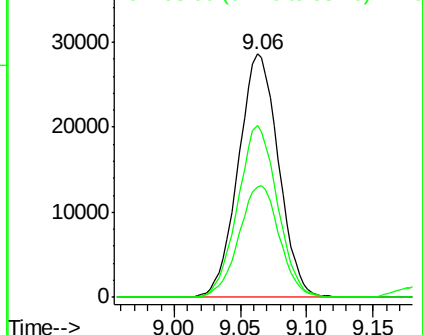
#39
Methylcyclohexane
Concen: 19.915 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion: 83 Resp: 60262
Ion Ratio Lower Upper
83 100
55 70.9 64.2 96.2
98 45.3 35.9 53.9

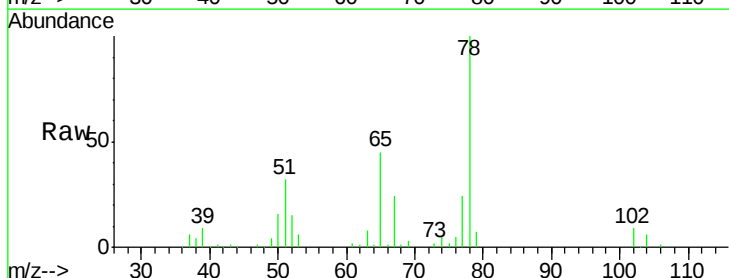


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

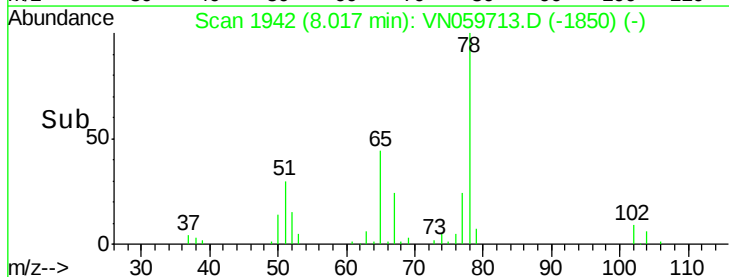
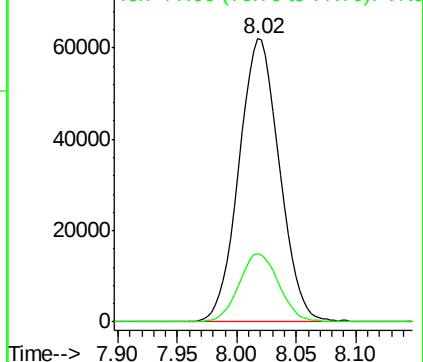


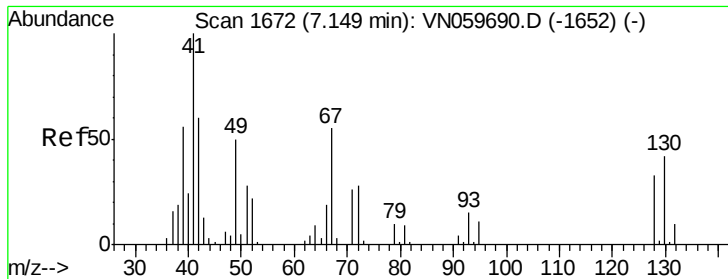
#40
Benzene
Concen: 20.019 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Tgt Ion: 78 Resp: 146516
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3



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

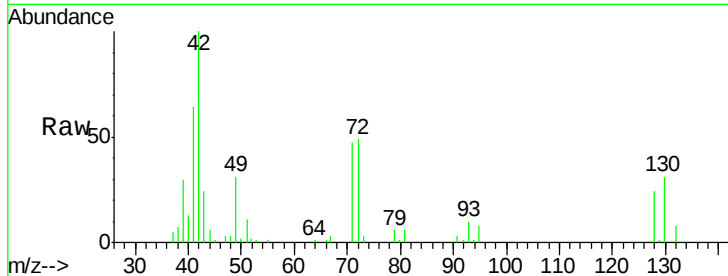




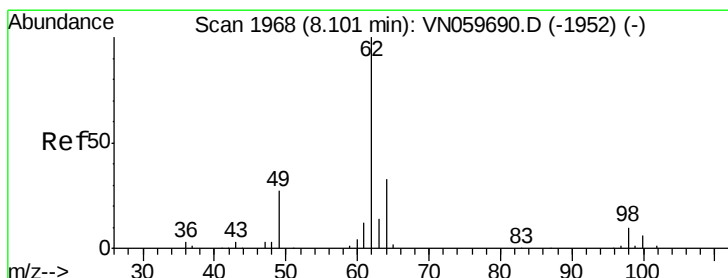
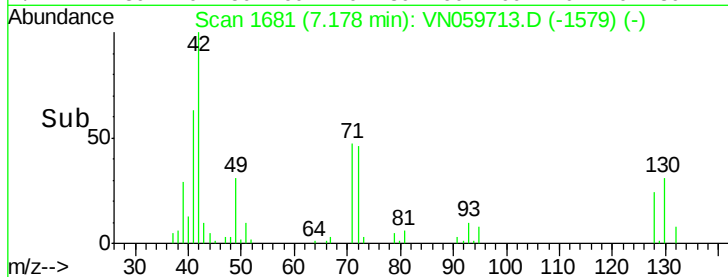
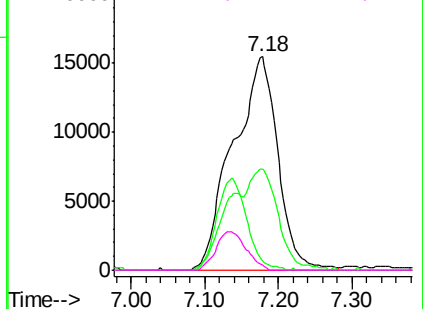
#41
Methacrylonitrile
Concen: 57.778 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion:	41	Resp:	65503
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

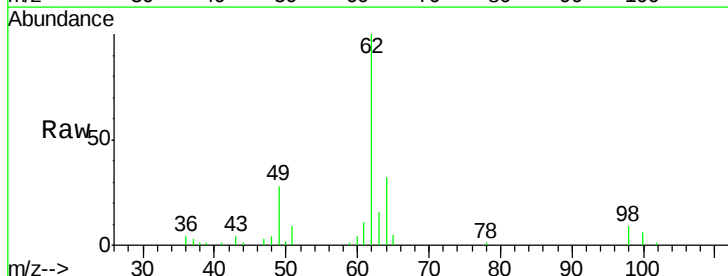


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

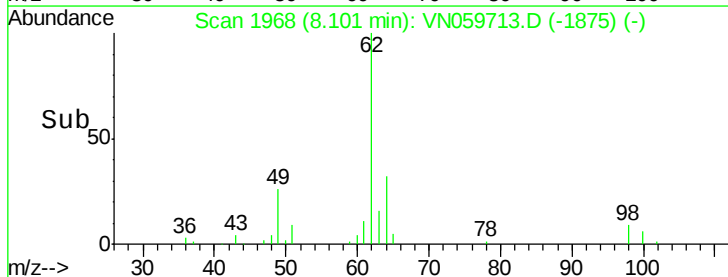
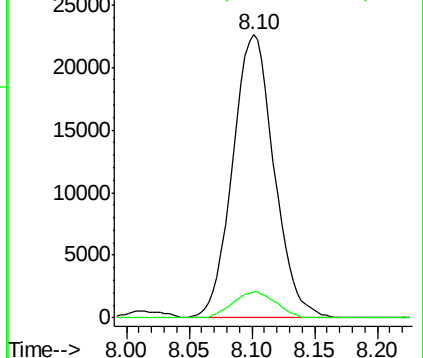


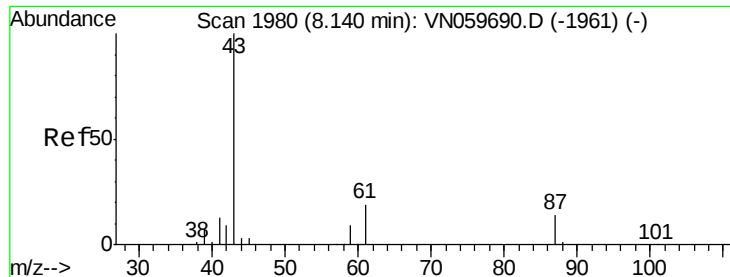
#42
1,2-Dichloroethane
Concen: 20.962 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Tgt Ion:	62	Resp:	52017
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.480 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

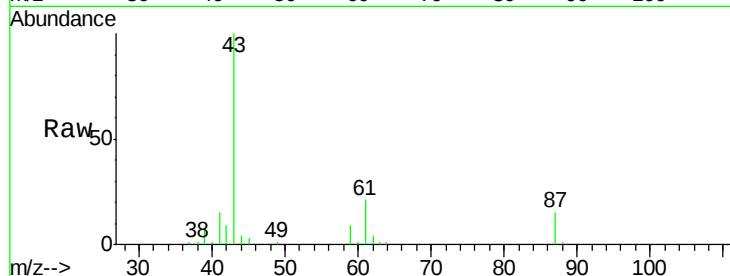
Tgt Ion: 43 Resp: 77121

Ion Ratio Lower Upper

43 100

61 28.0 20.2 30.2

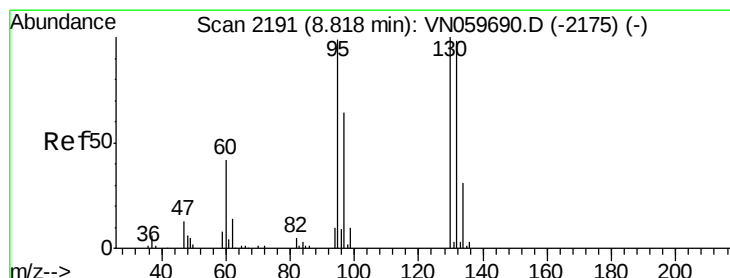
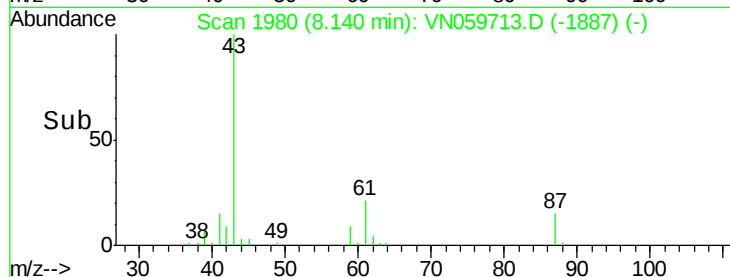
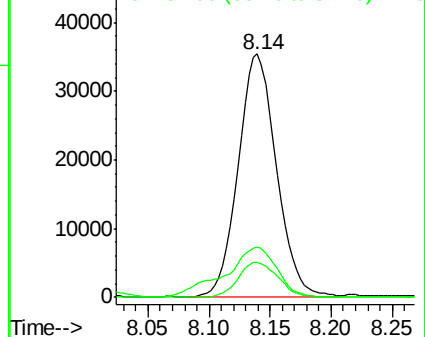
87 14.8 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059713.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059713.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059713.D (-1887) (-)



#44

Trichloroethene

Concen: 21.084 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059713.D

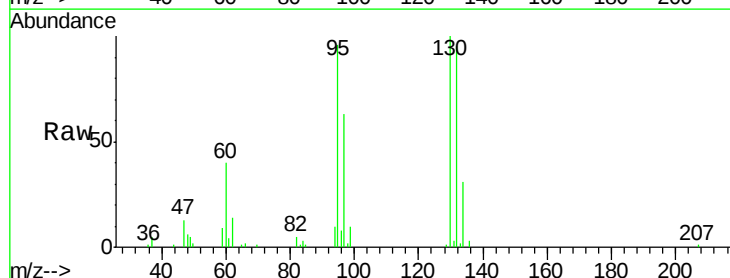
Acq: 15 Jan 2020 11:49

Tgt Ion: 130 Resp: 42125

Ion Ratio Lower Upper

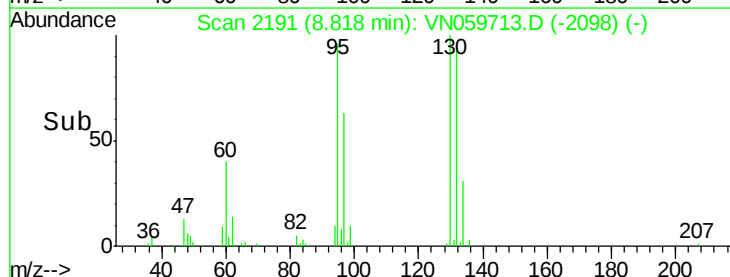
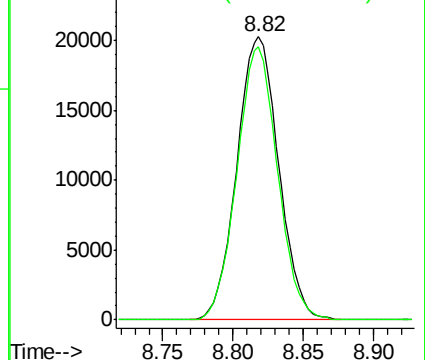
130 100

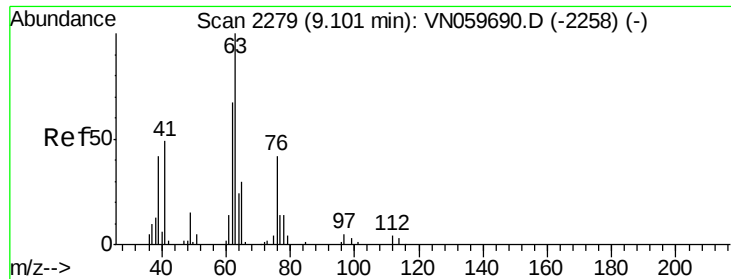
95 96.5 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059713.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059713.D (-2098) (-)

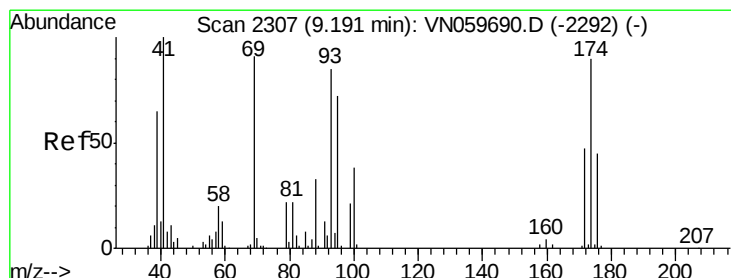
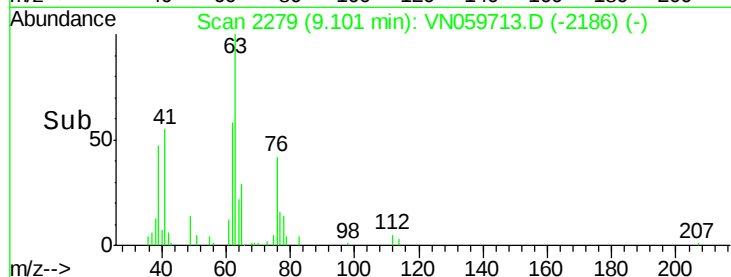
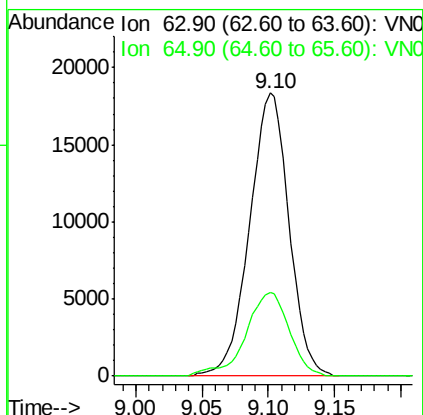
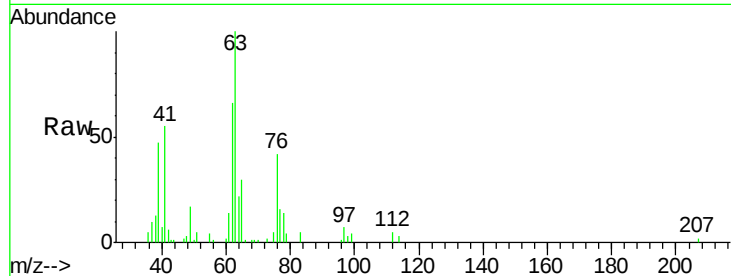




#45
 1,2-Dichloropropane
 Concen: 20.918 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

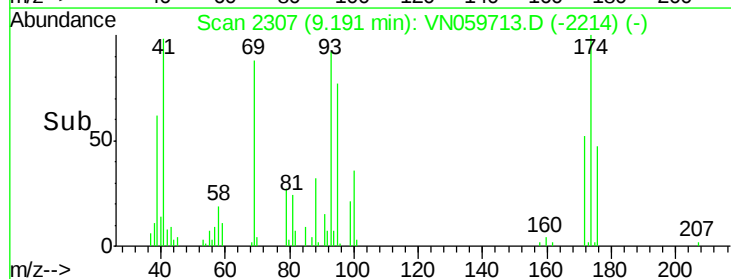
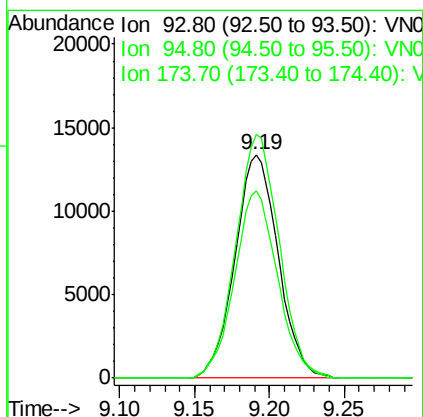
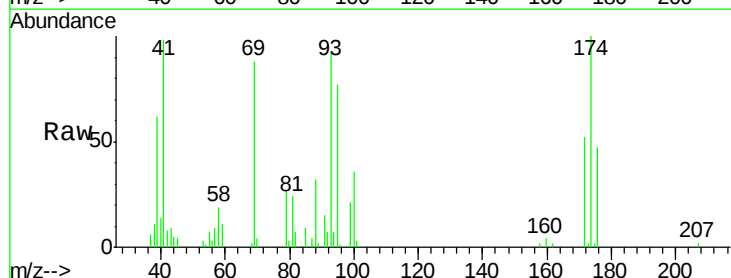
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD01

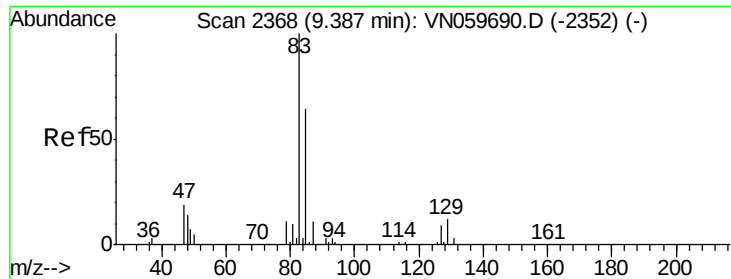
Tgt Ion: 63 Resp: 37883
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.9 37.3



#46
 Dibromomethane
 Concen: 21.025 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

Tgt Ion: 93 Resp: 26860
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.6
 174 109.7 73.4 110.2

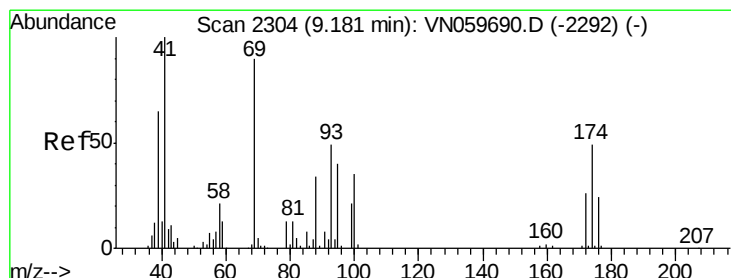
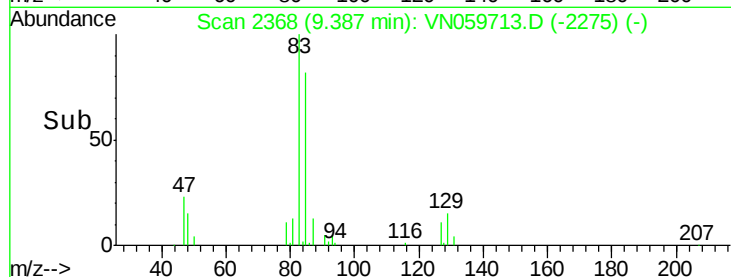
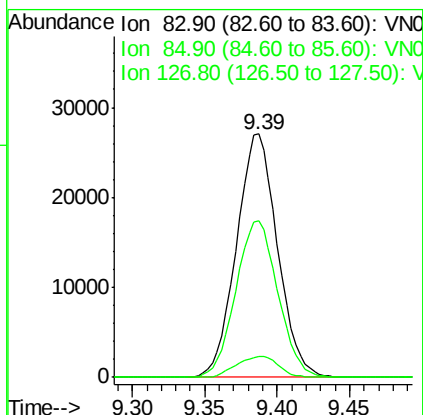
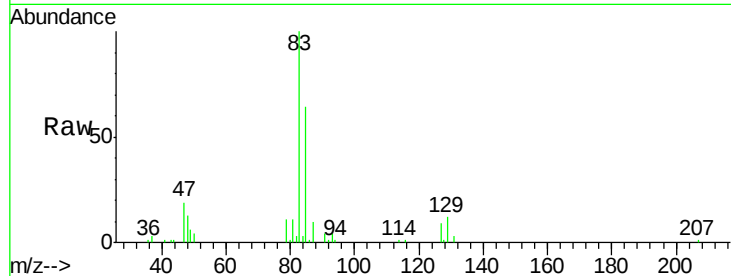




#47
Bromodichloromethane
Concen: 20.658 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

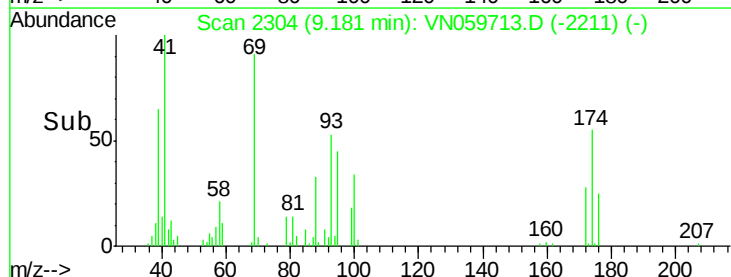
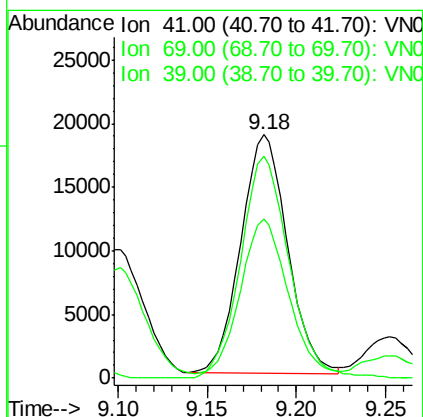
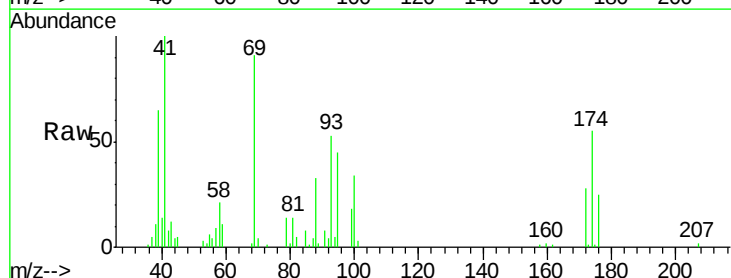
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion: 83 Resp: 53182
Ion Ratio Lower Upper
83 100
85 64.1 51.1 76.7
127 8.6 6.6 9.8



#48
Methyl methacrylate
Concen: 19.404 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Tgt Ion: 41 Resp: 34361
Ion Ratio Lower Upper
41 100
69 96.7 64.4 96.6#
39 65.5 51.3 76.9





#49

1,4-Dioxane

Concen: 413.880 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

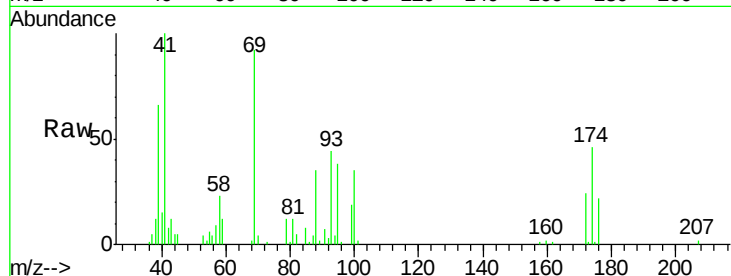
Tgt Ion: 88 Resp: 13417

Ion Ratio Lower Upper

88 100

43 32.3 29.7 44.5

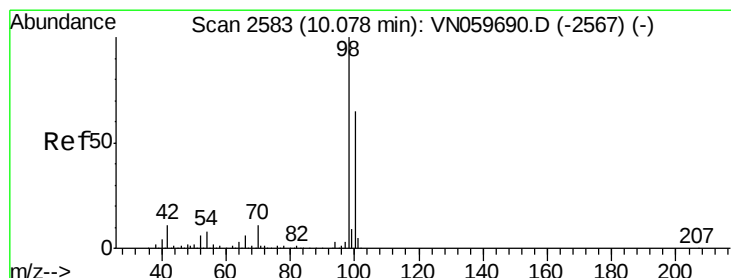
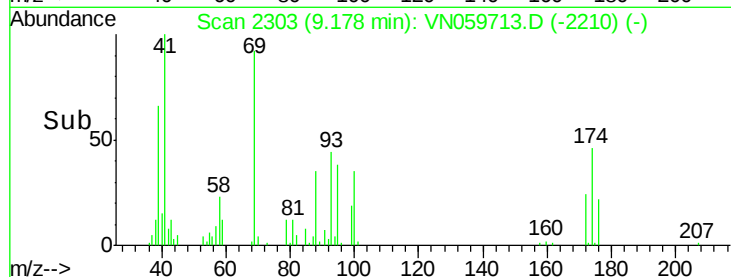
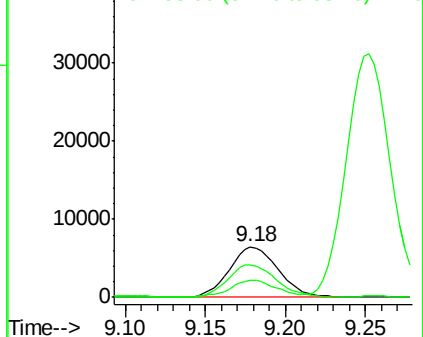
58 64.5 56.6 85.0



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.475 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059713.D

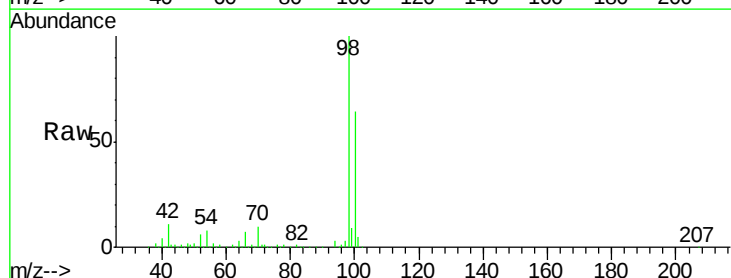
Acq: 15 Jan 2020 11:49

Tgt Ion: 98 Resp: 335158

Ion Ratio Lower Upper

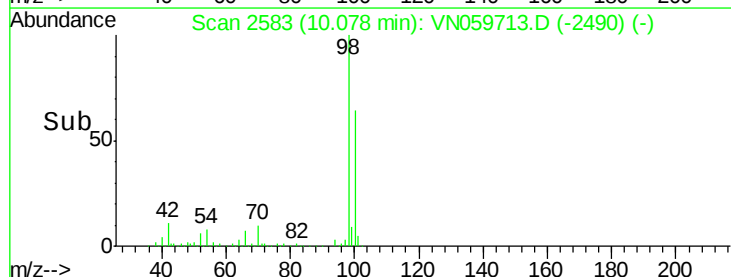
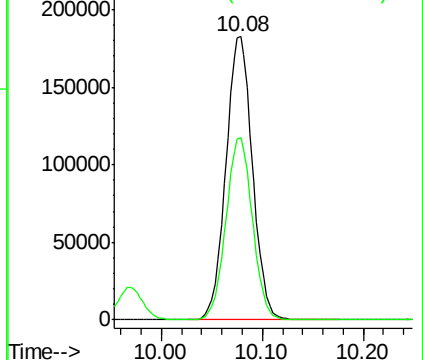
98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

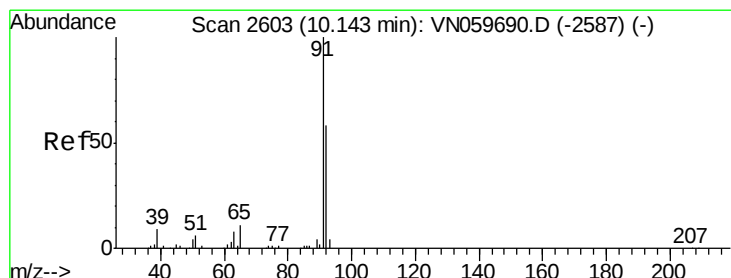
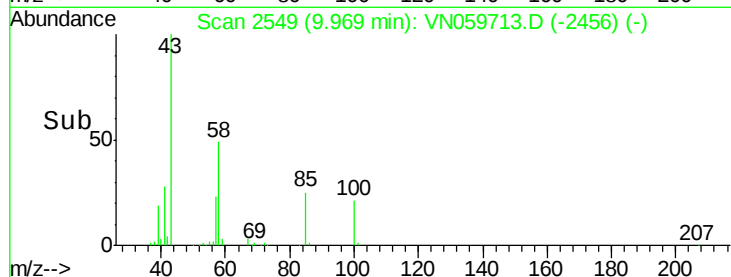
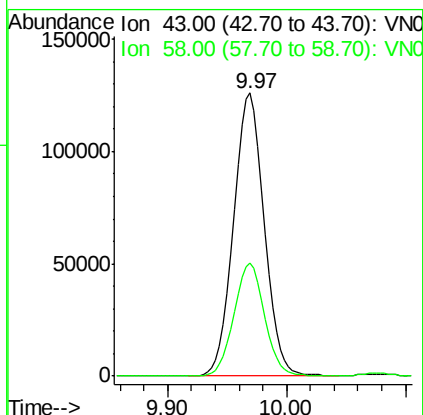
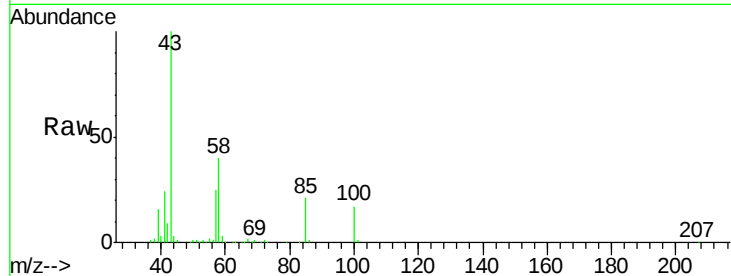




#51
 4-Methyl-2-Pentanone
 Concen: 98.355 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

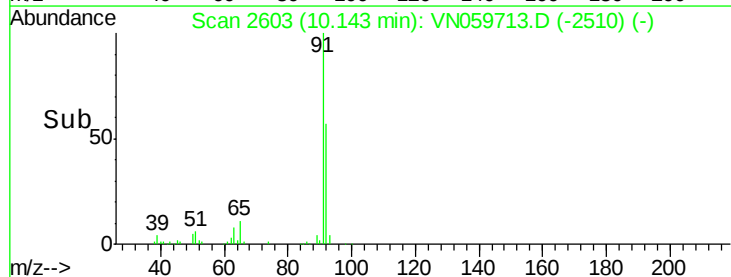
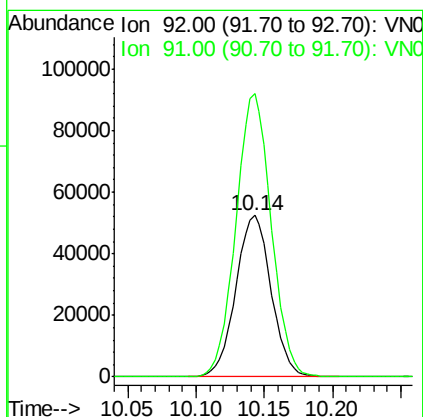
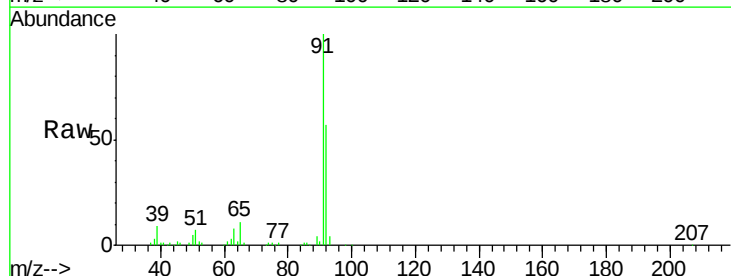
Instrument :
 MSVOA_N
 ClientSampled :
 VN0115WBSD01

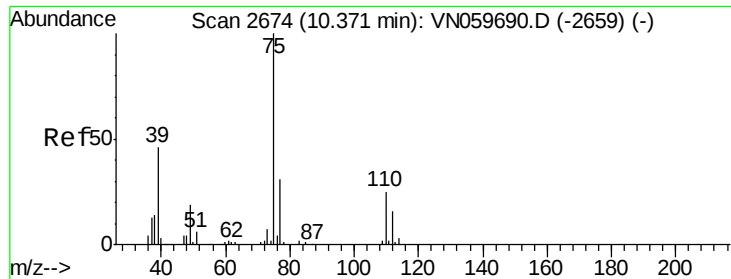
Tgt Ion: 43 Resp: 225090
 Ion Ratio Lower Upper
 43 100
 58 39.8 29.8 44.8



#52
 Toluene
 Concen: 20.403 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

Tgt Ion: 92 Resp: 94323
 Ion Ratio Lower Upper
 92 100
 91 175.3 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.552 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

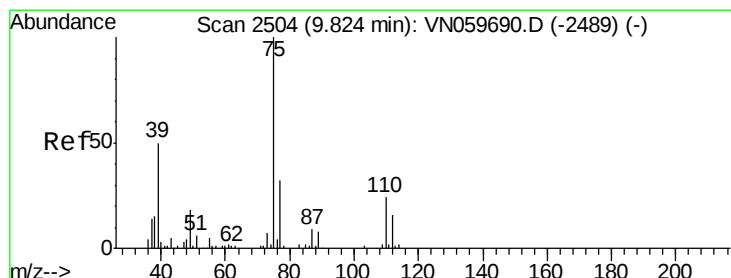
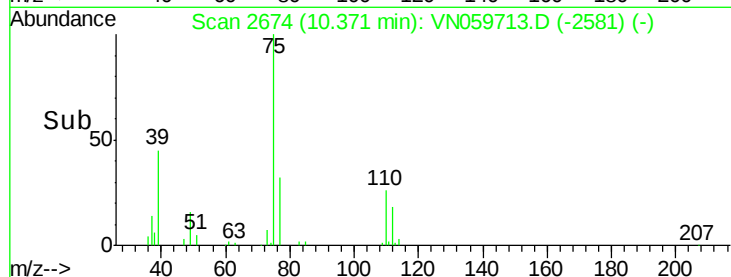
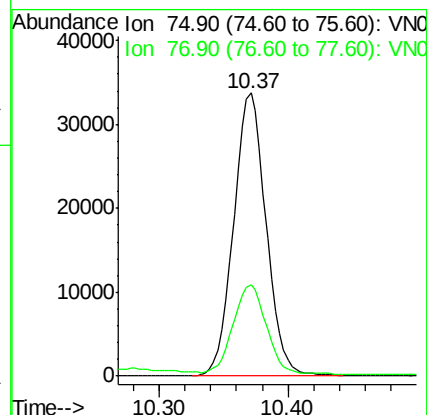
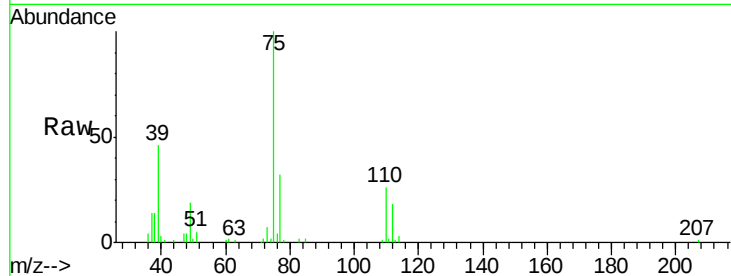
VN0115WBSD01

Tgt Ion: 75 Resp: 59079

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.800 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

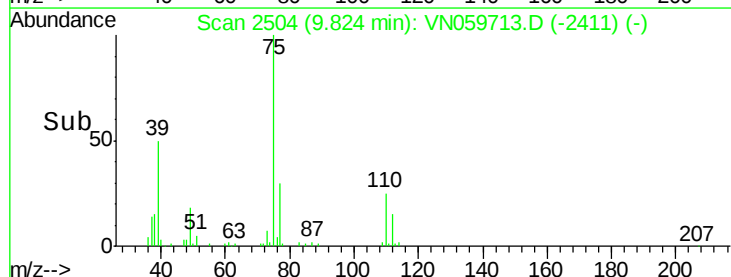
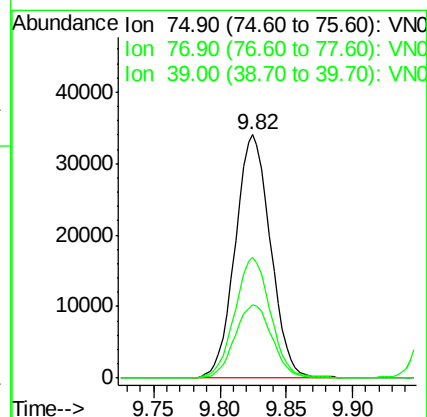
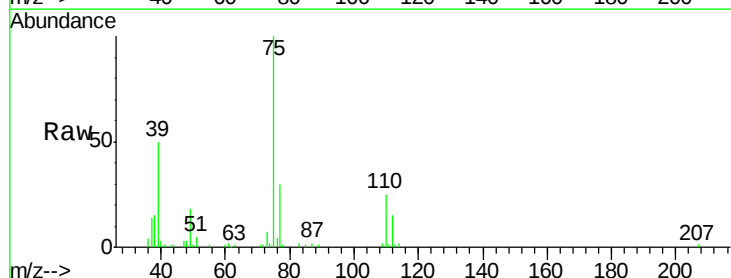
Tgt Ion: 75 Resp: 62912

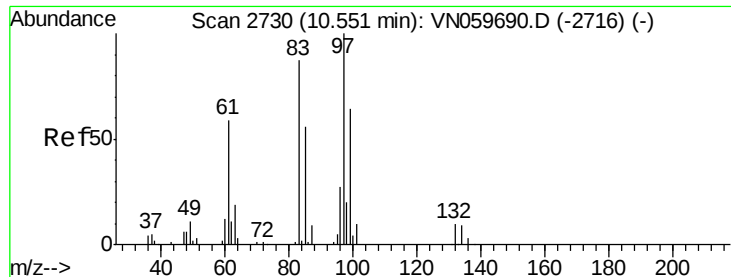
Ion Ratio Lower Upper

75 100

77 29.9 25.1 37.7

39 49.7 46.1 69.1

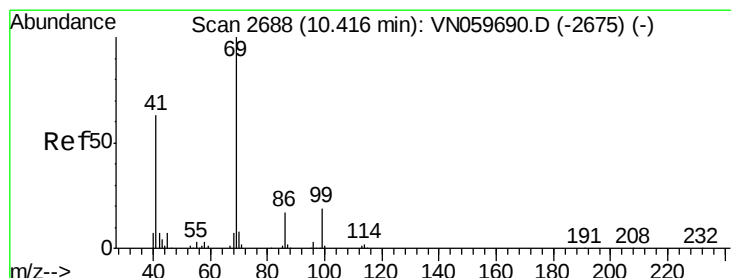
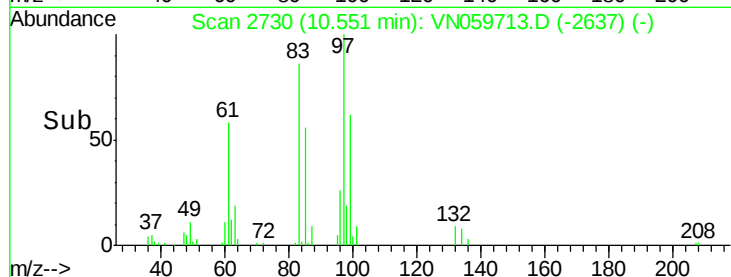
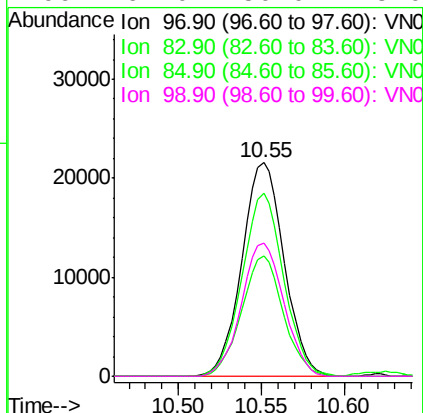
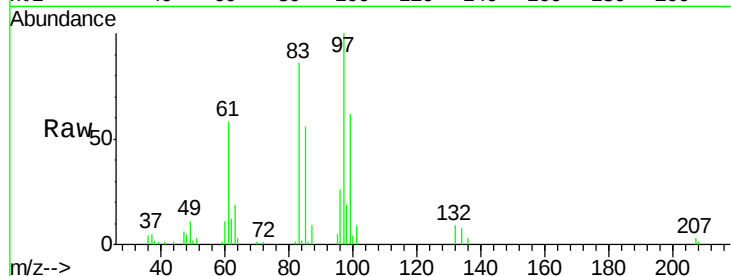




#55
 1,1,2-Trichloroethane
 Concen: 20.832 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

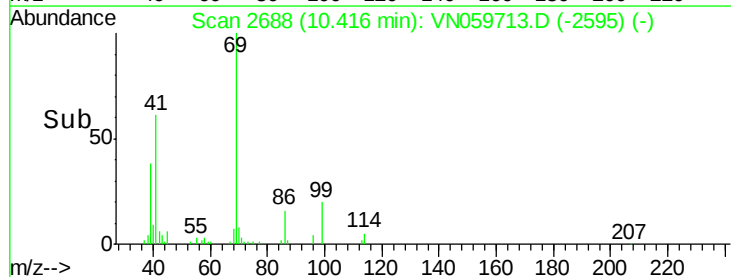
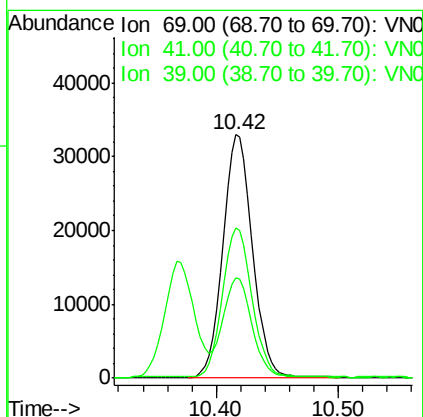
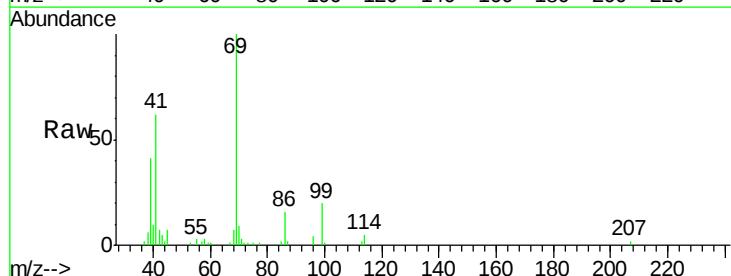
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD01

Tgt Ion: 97 Resp: 38143
 Ion Ratio Lower Upper
 97 100
 83 85.7 71.3 106.9
 85 56.3 45.8 68.8
 99 62.0 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 20.116 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

Tgt Ion: 69 Resp: 56279
 Ion Ratio Lower Upper
 69 100
 41 60.2 57.1 85.7
 39 40.6 34.7 52.1





#57

1,3-Dichloropropane

Concen: 21.339 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

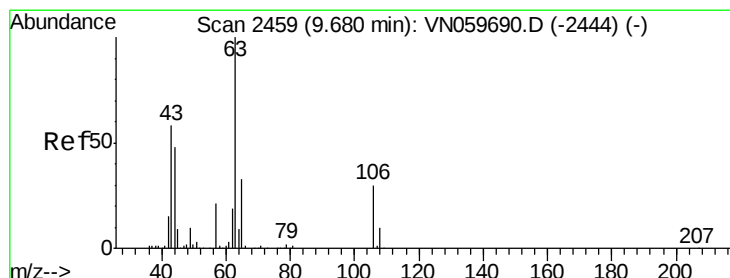
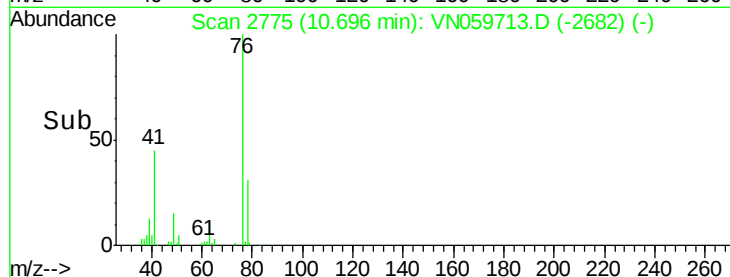
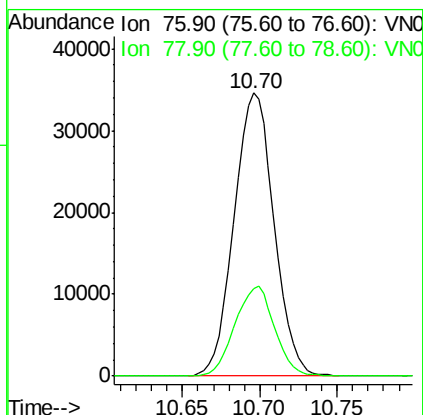
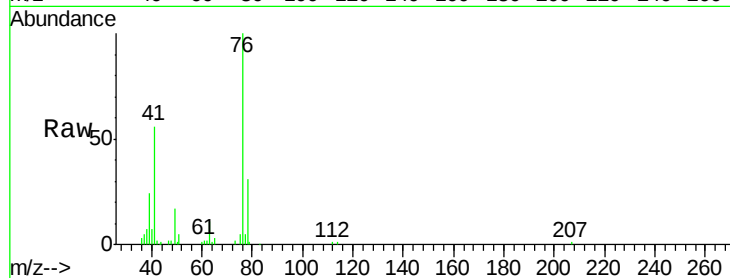
VN0115WBSD01

Tgt Ion: 76 Resp: 62030

Ion Ratio Lower Upper

76 100

78 31.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 114.426 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059713.D

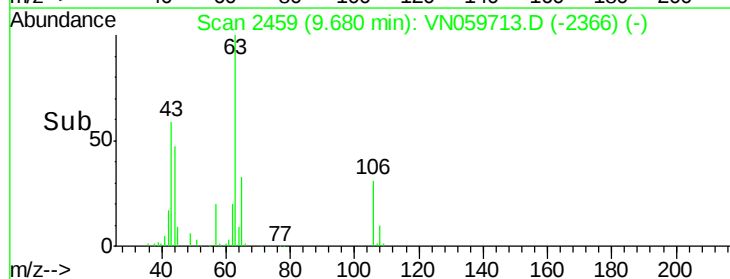
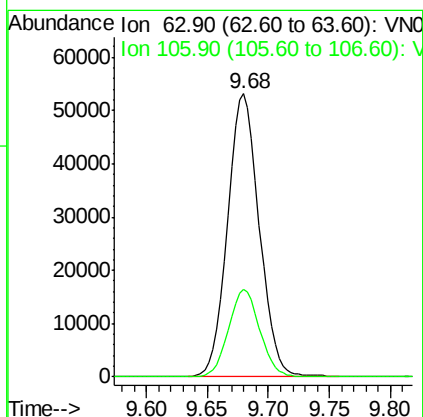
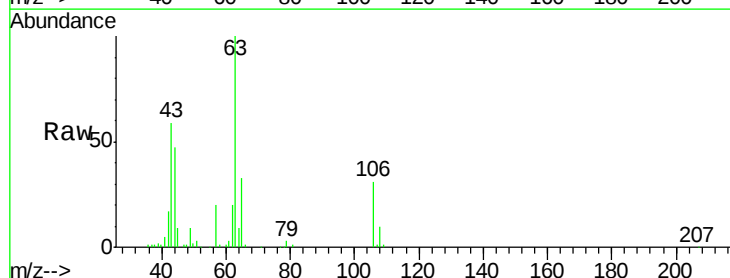
Acq: 15 Jan 2020 11:49

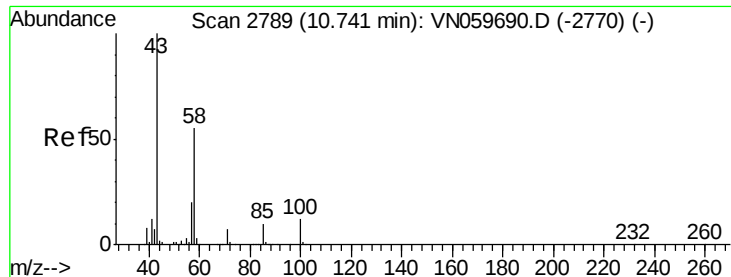
Tgt Ion: 63 Resp: 96423

Ion Ratio Lower Upper

63 100

106 30.3 20.2 30.2#

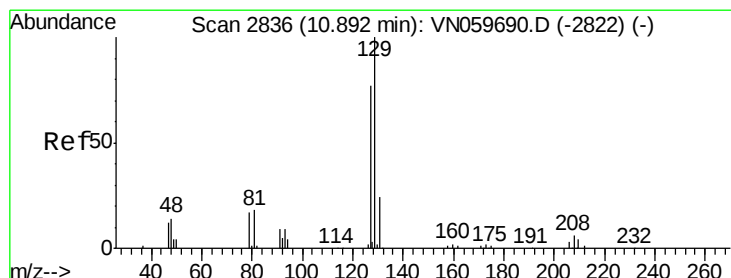
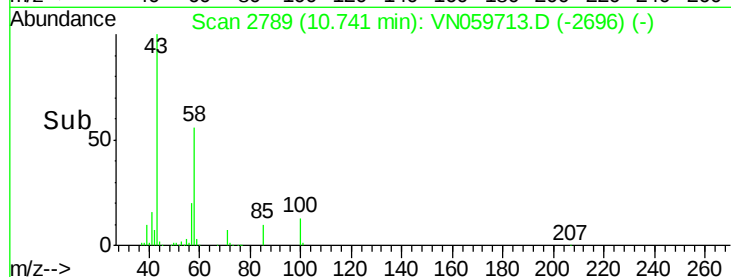
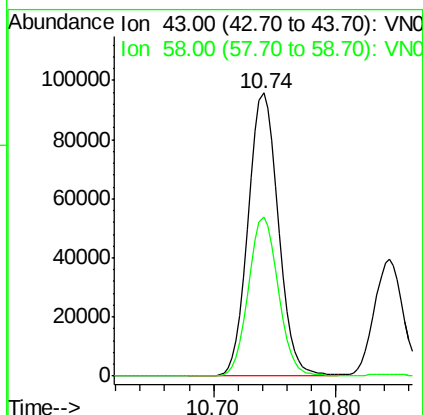
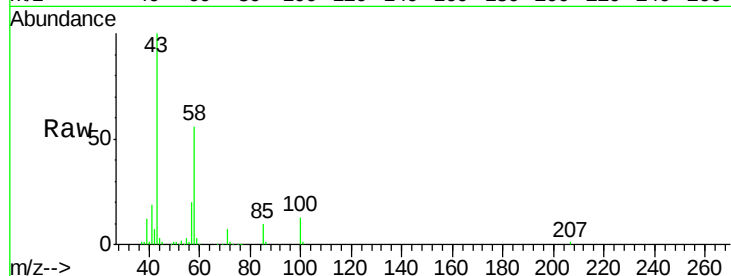




#59
2-Hexanone
Concen: 96.695 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

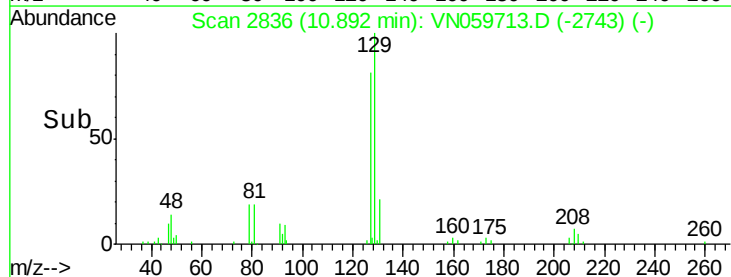
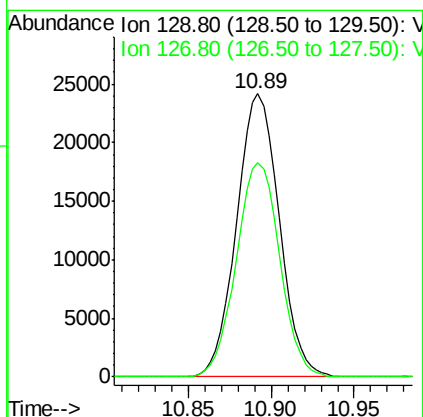
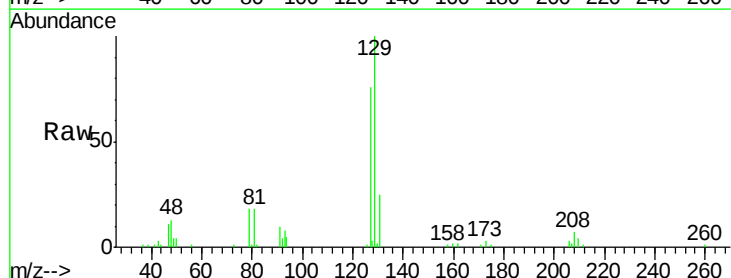
Instrument :
MSVOA_N
ClientSampled :
VN0115WBSD01

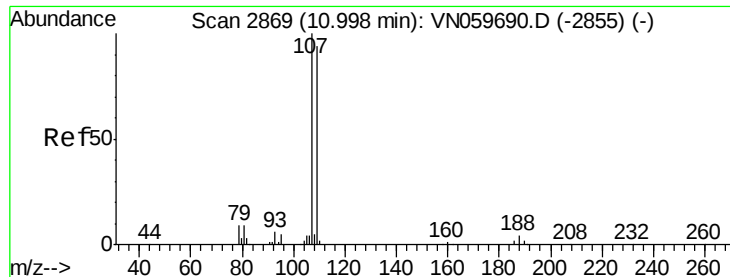
Tgt Ion: 43 Resp: 163026
Ion Ratio Lower Upper
43 100
58 55.7 25.8 77.3



#60
Dibromochloromethane
Concen: 20.773 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Tgt Ion: 129 Resp: 43311
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

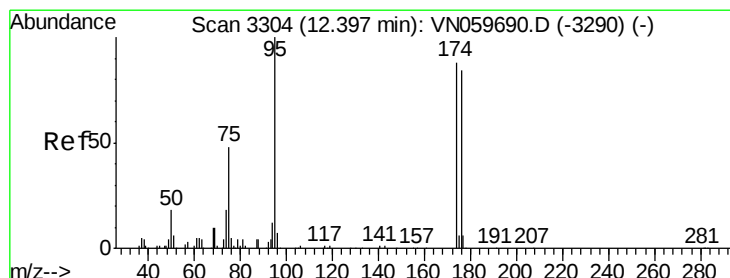
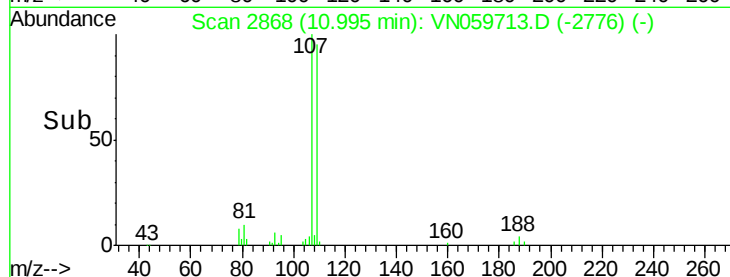
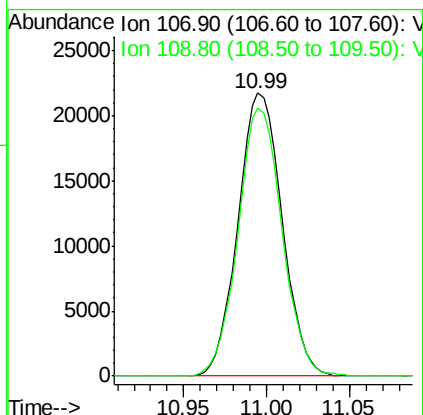
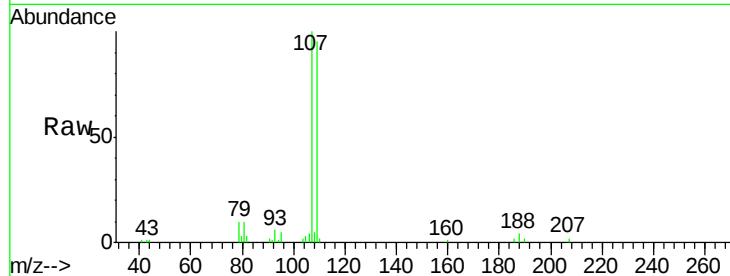




#61
 1,2-Dibromoethane
 Concen: 20.981 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

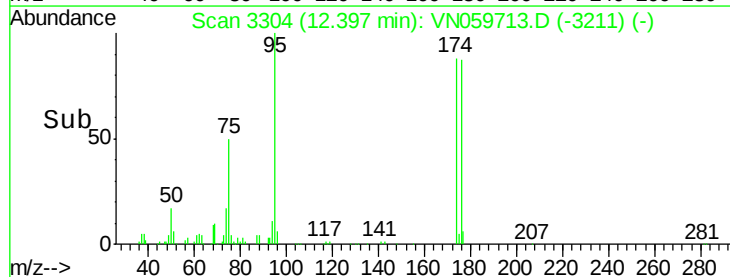
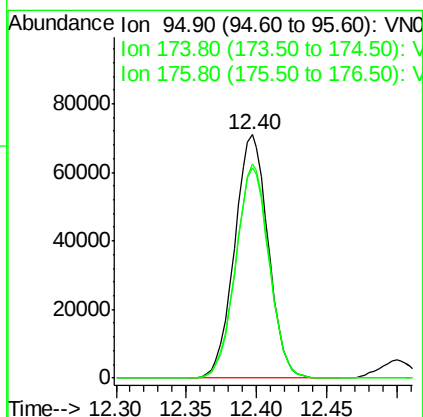
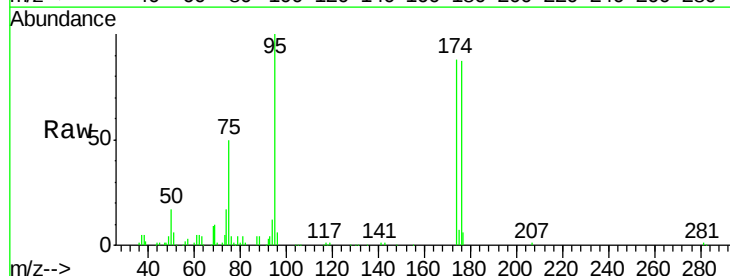
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD01

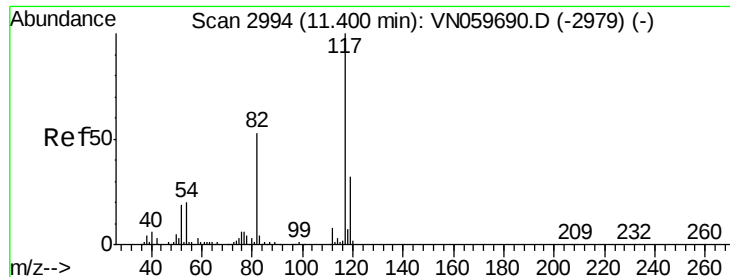
Tgt Ion: 107 Resp: 40264
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 50.637 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

Tgt Ion: 95 Resp: 118857
 Ion Ratio Lower Upper
 95 100
 174 87.2 0.0 151.4
 176 85.8 0.0 146.0

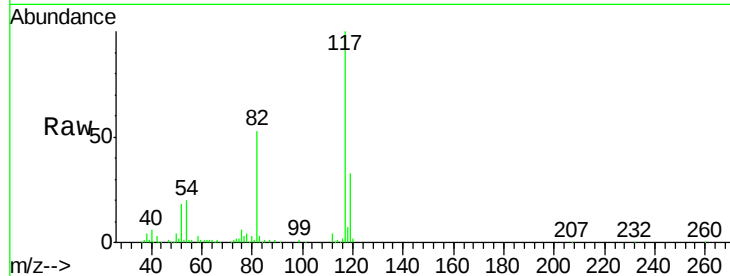




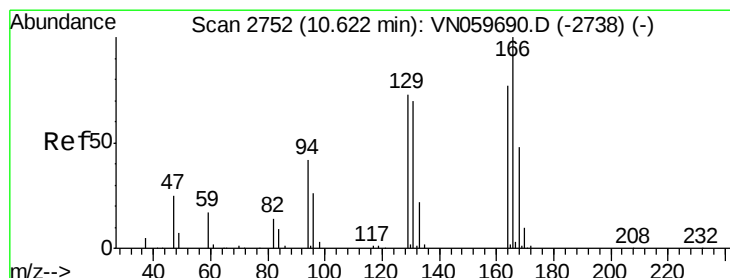
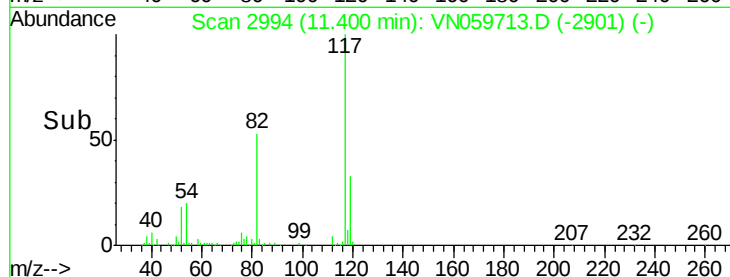
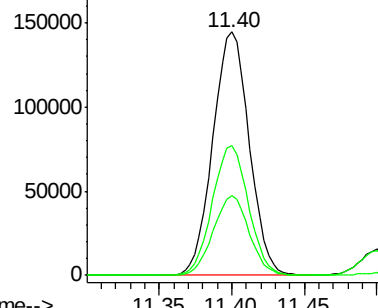
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion:117 Resp: 252711
Ion Ratio Lower Upper
117 100
82 53.1 45.9 68.9
119 32.6 25.5 38.3



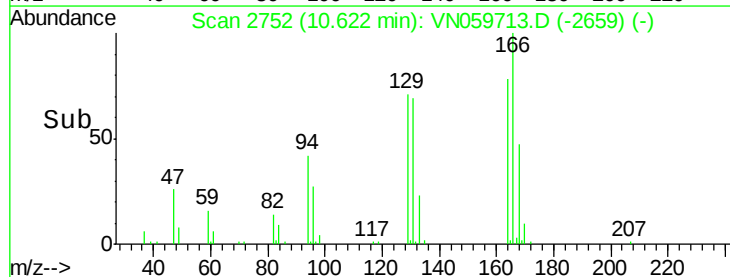
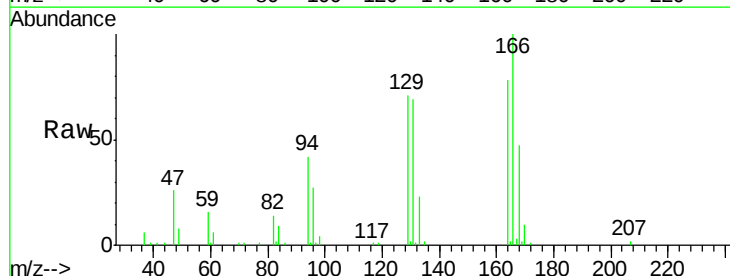
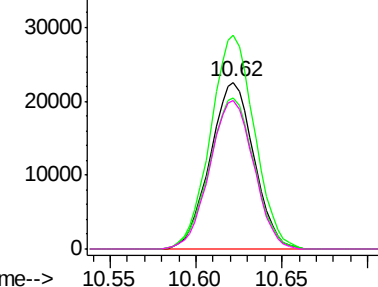
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

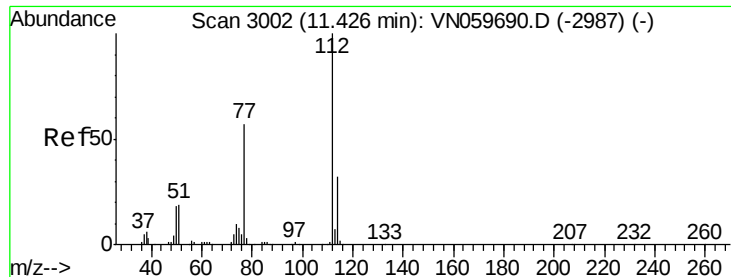


#64
Tetrachloroethene
Concen: 19.363 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Tgt Ion:164 Resp: 39880
Ion Ratio Lower Upper
164 100
166 128.2 101.4 152.0
129 91.0 80.2 120.4
131 89.0 75.0 112.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

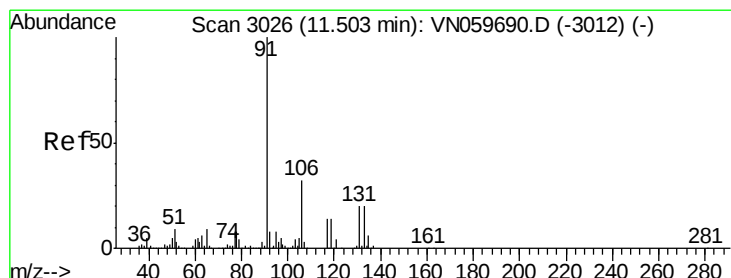
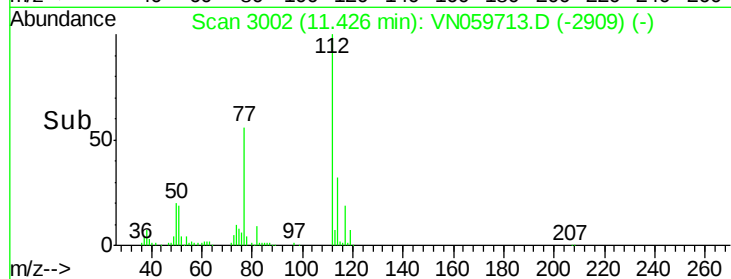
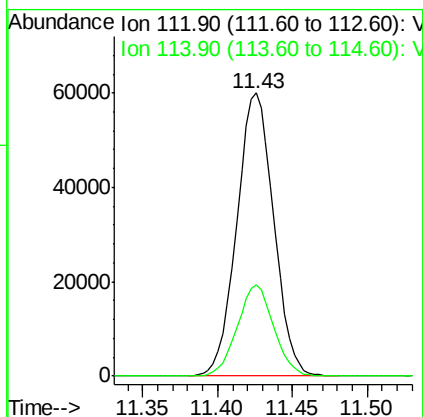
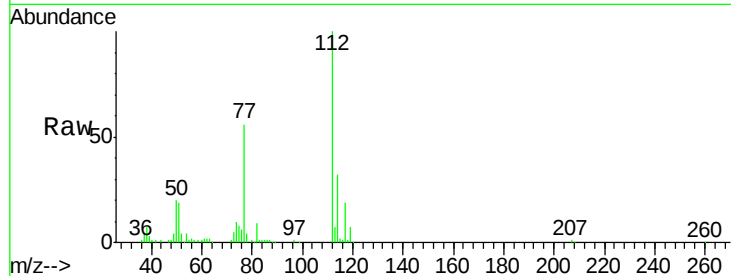




#65
Chlorobenzene
Concen: 20.750 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

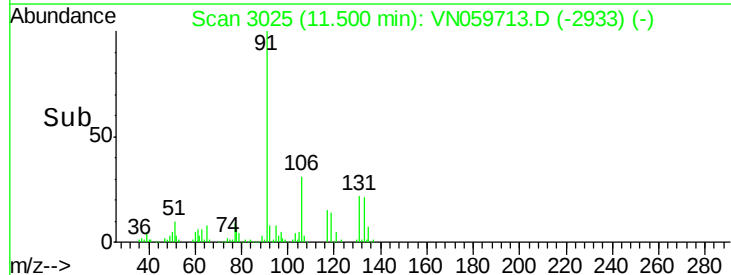
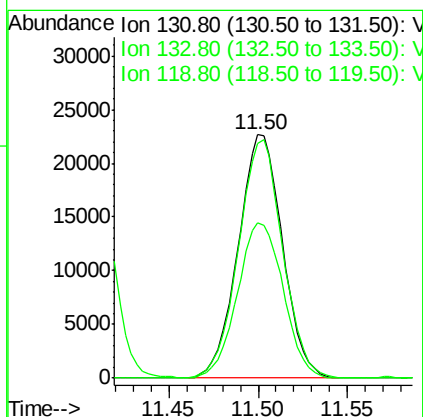
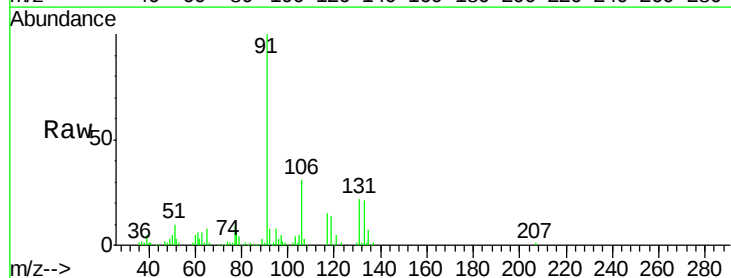
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion:112 Resp: 103069
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.488 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Tgt Ion:131 Resp: 39322
Ion Ratio Lower Upper
131 100
133 98.0 47.4 142.2
119 65.9 33.1 99.3





#67

Ethyl Benzene

Concen: 20.340 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

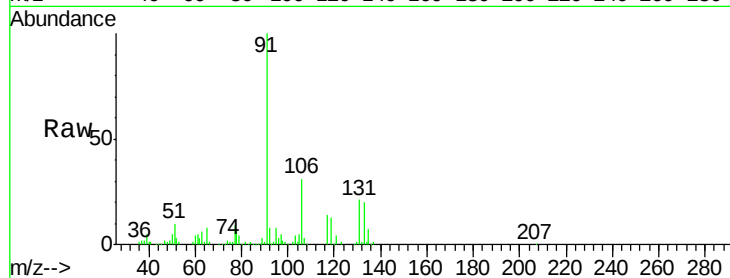
VN0115WBSD01

Tgt Ion: 91 Resp: 183405

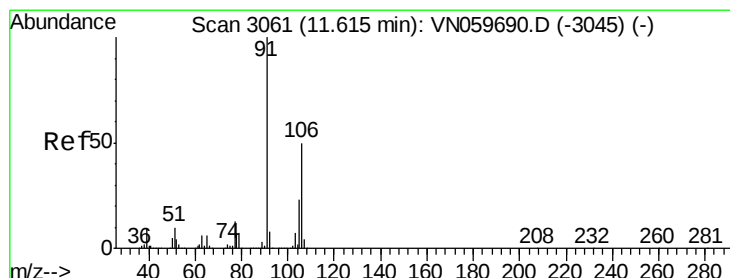
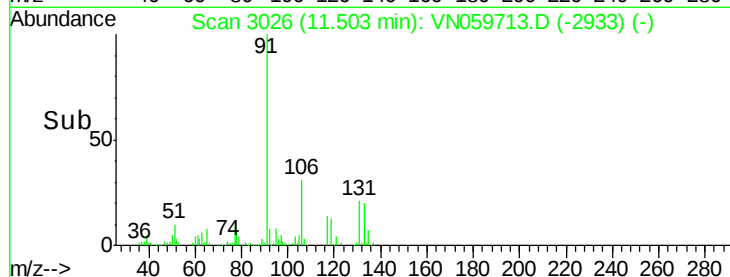
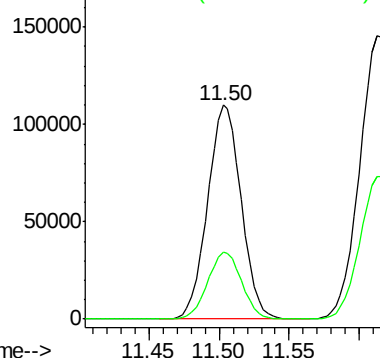
Ion Ratio Lower Upper

91 100

106 31.3 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059713.D (-2933) (-)



#68

m/p-Xylenes

Concen: 41.525 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN059713.D

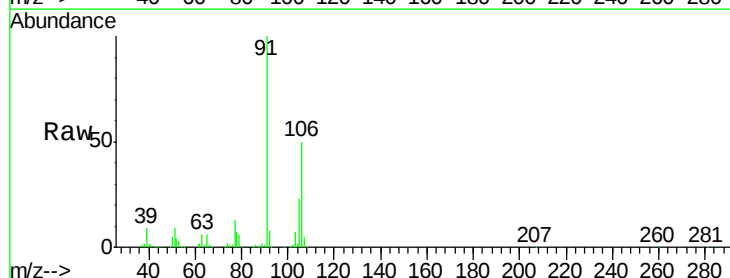
Acq: 15 Jan 2020 11:49

Tgt Ion: 106 Resp: 141435

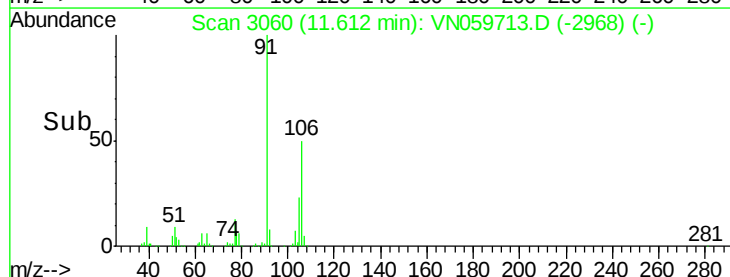
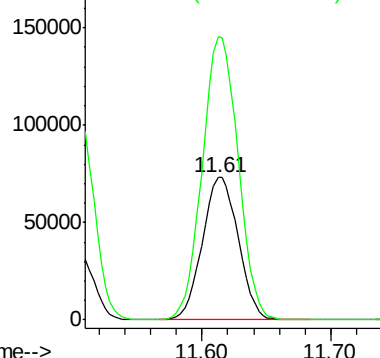
Ion Ratio Lower Upper

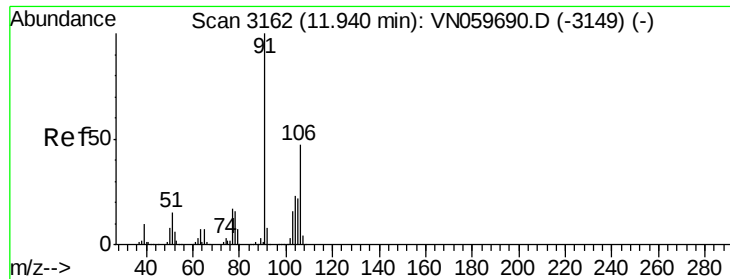
106 100

91 198.8 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059713.D (-2968) (-)

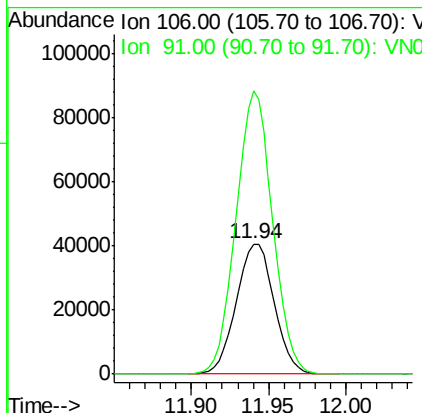
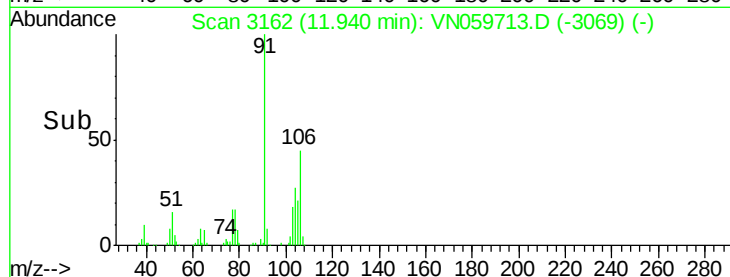
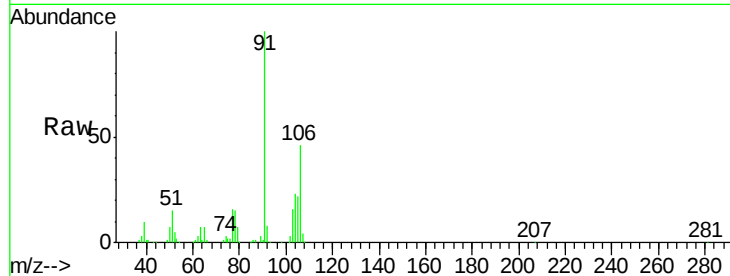




#69
o-Xylene
Concen: 20.774 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

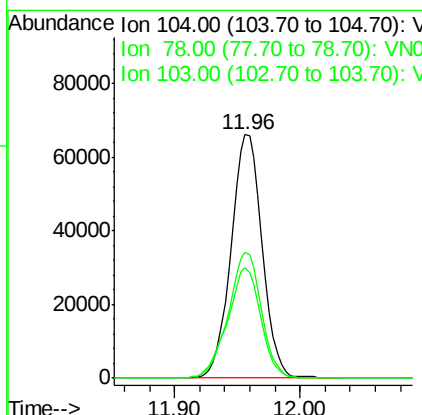
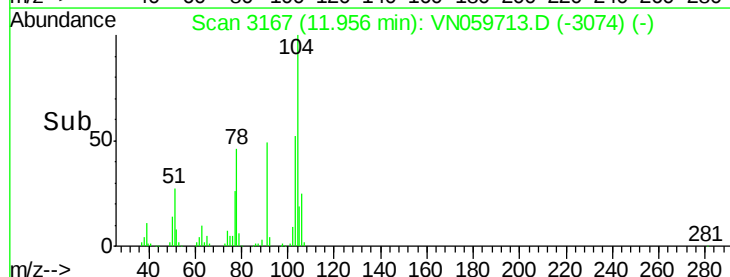
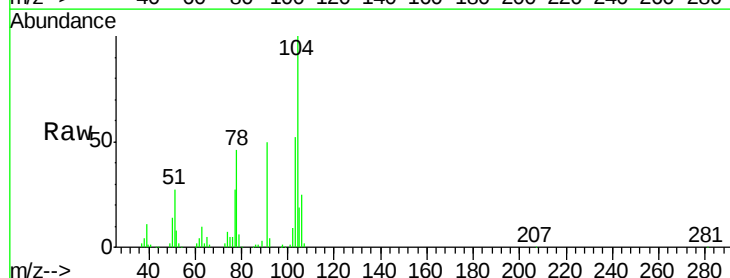
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

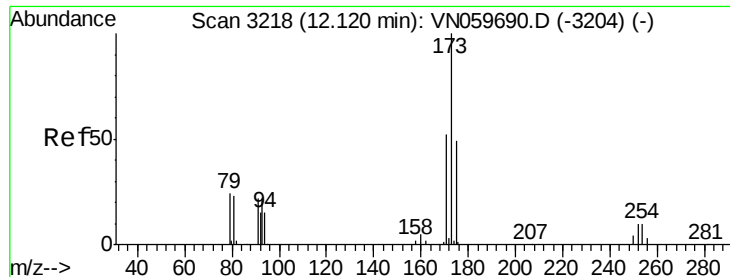
Tgt Ion:106 Resp: 69273
Ion Ratio Lower Upper
106 100
91 209.1 110.3 330.9



#70
Styrene
Concen: 20.338 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Tgt Ion:104 Resp: 113485
Ion Ratio Lower Upper
104 100
78 48.8 42.4 63.6
103 54.7 43.9 65.9

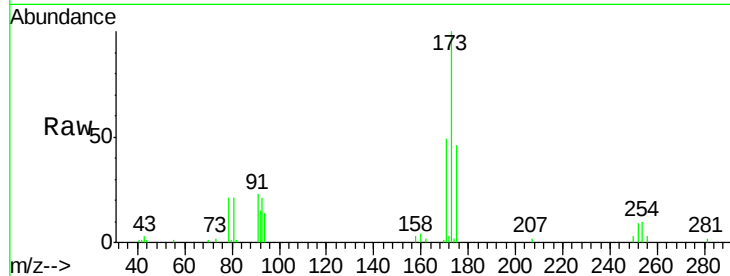




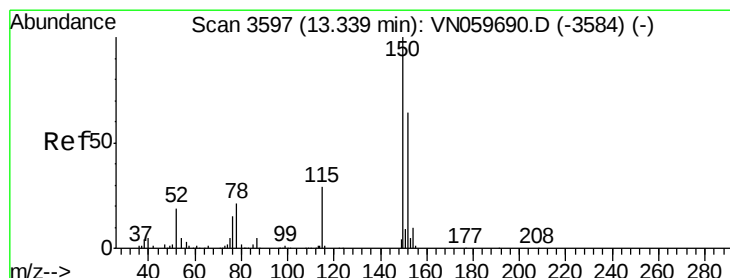
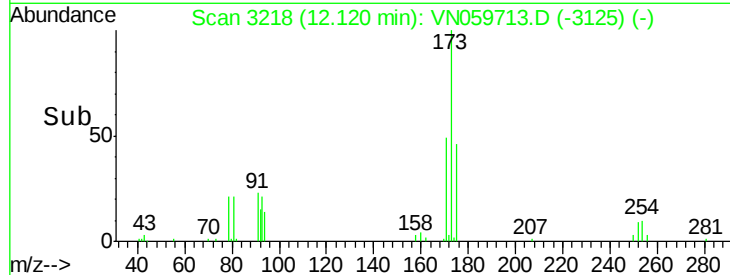
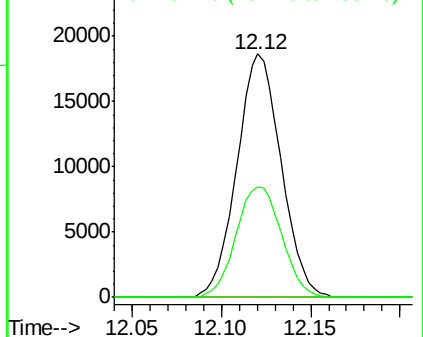
#71
 Bromoform
 Concen: 21.014 ug/l
 RT: 12.12 min Scan# 3218
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD01

Tgt Ion:173 Resp: 32306
 Ion Ratio Lower Upper
 173 100
 175 47.0 23.8 71.4
 254 0.0 0.0 0.0

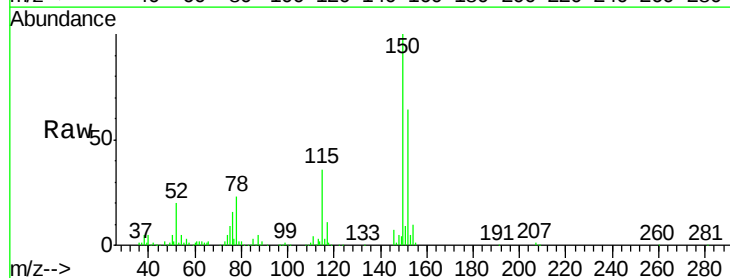


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

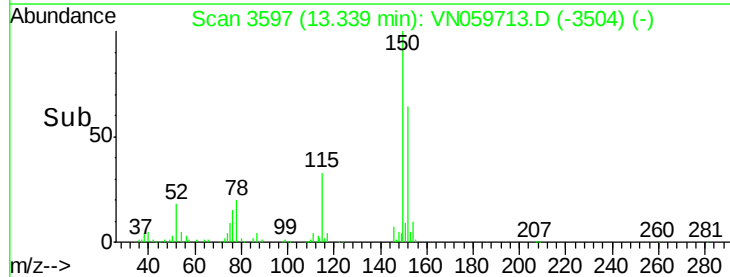
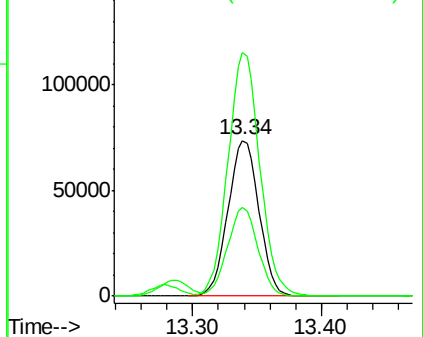


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

Tgt Ion:152 Resp: 122728
 Ion Ratio Lower Upper
 152 100
 115 56.0 30.3 90.9
 150 160.6 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.132 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

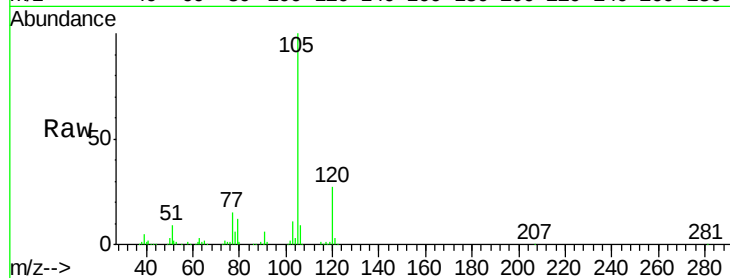
VN0115WBSD01

Tgt Ion: 105 Resp: 181205

Ion Ratio Lower Upper

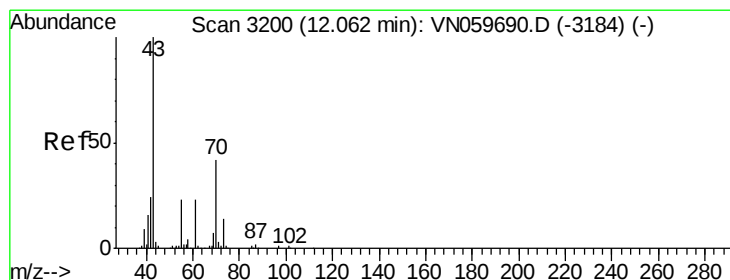
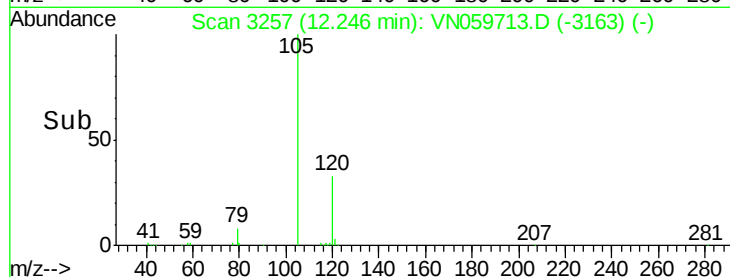
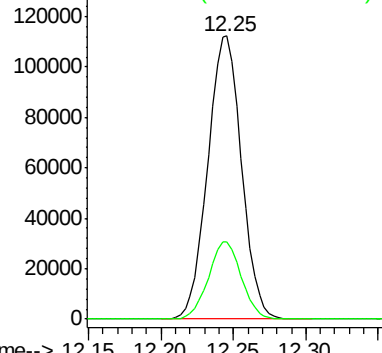
105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.681 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Tgt Ion: 43 Resp: 65246

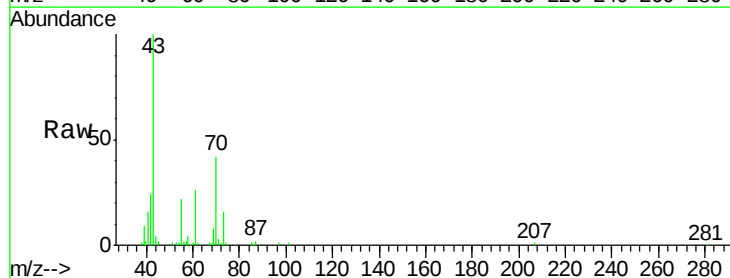
Ion Ratio Lower Upper

43 100

70 43.6 31.3 46.9

55 24.1 19.8 29.6

61 25.0 18.3 27.5

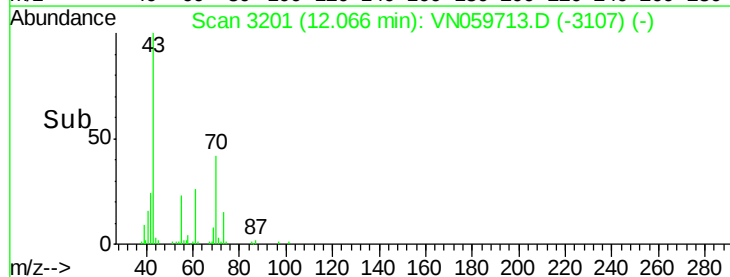
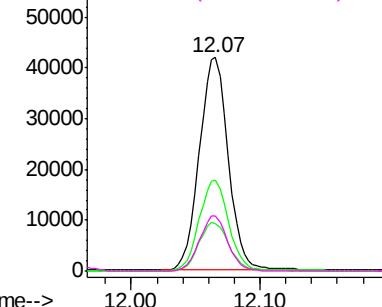


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.289 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

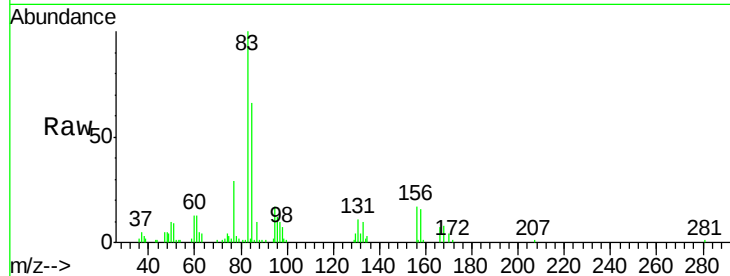
Tgt Ion: 83 Resp: 52941

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

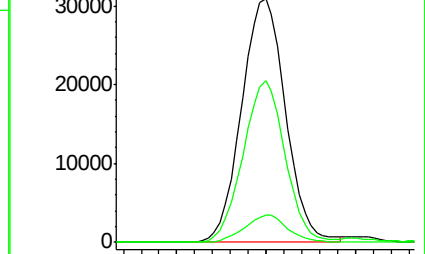
85 63.5 31.9 95.5



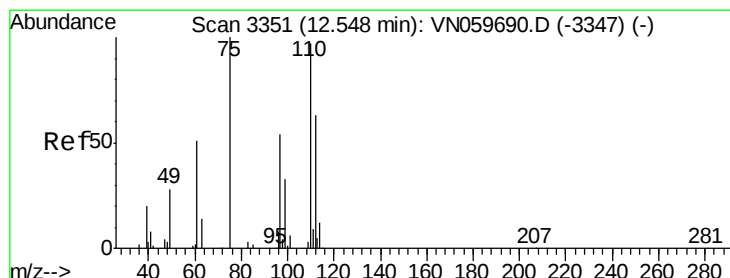
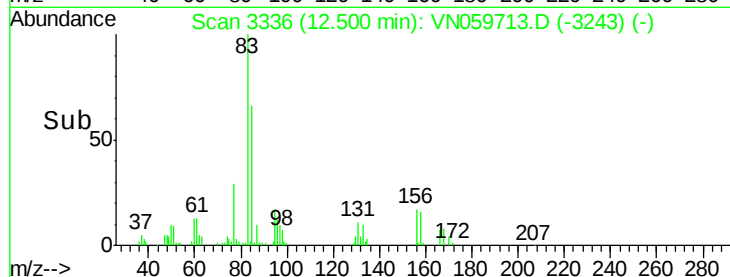
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 33.113 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059713.D

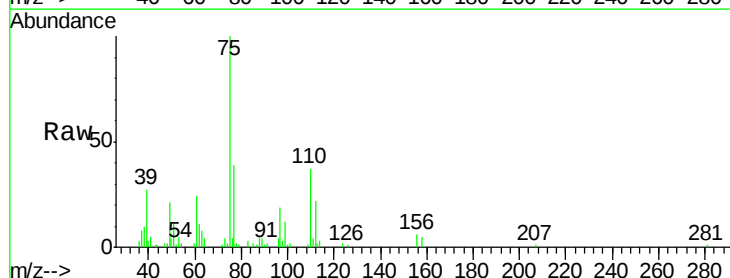
Acq: 15 Jan 2020 11:49

Tgt Ion: 75 Resp: 68392

Ion Ratio Lower Upper

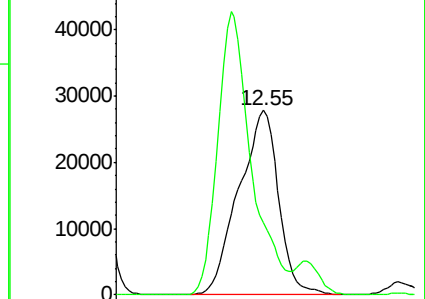
75 100

77 0.0 0.0 0.0

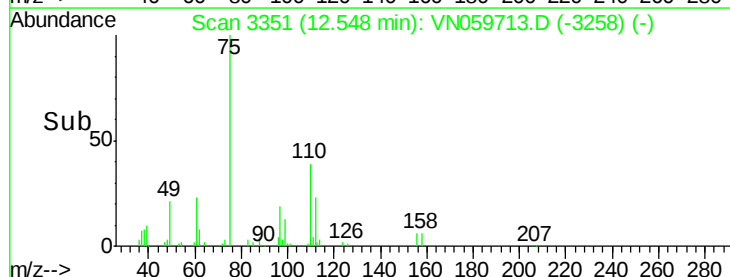


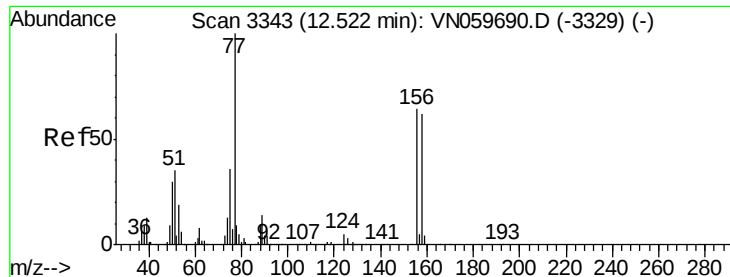
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->





#77

Bromobenzene

Concen: 20.531 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

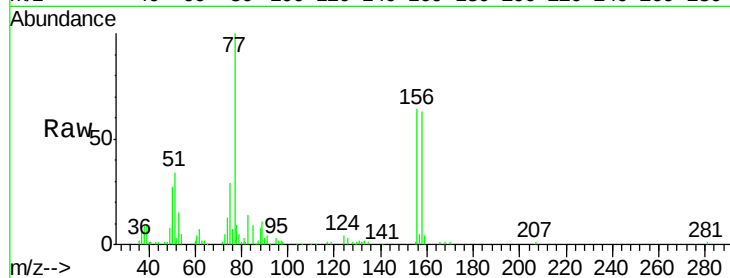
Tgt Ion:156 Resp: 46798

Ion Ratio Lower Upper

156 100

77 188.7 115.8 347.4

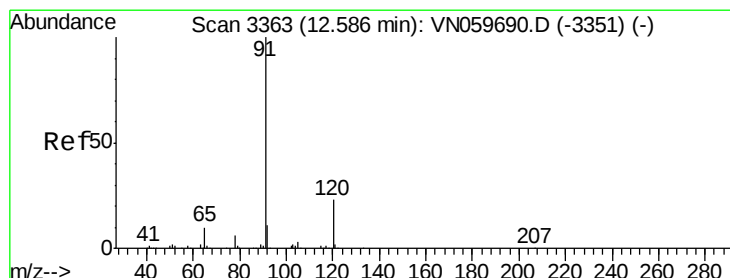
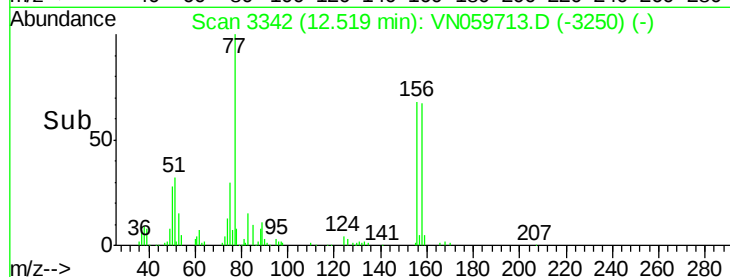
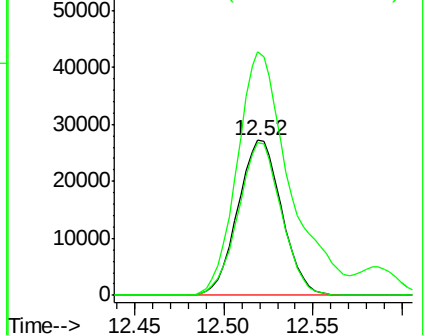
158 96.9 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.981 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059713.D

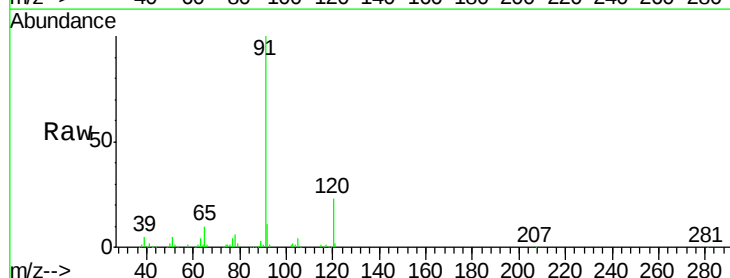
Acq: 15 Jan 2020 11:49

Tgt Ion: 91 Resp: 201863

Ion Ratio Lower Upper

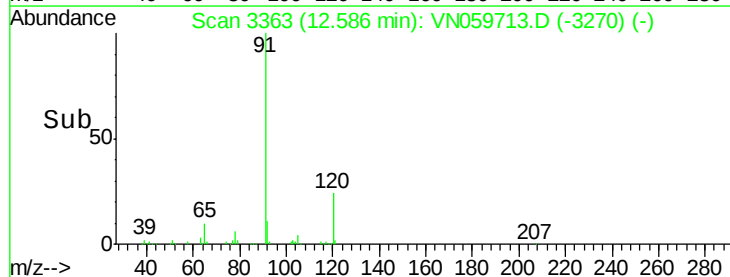
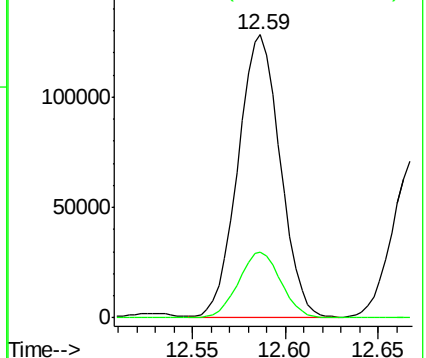
91 100

120 23.5 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.684 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampled :

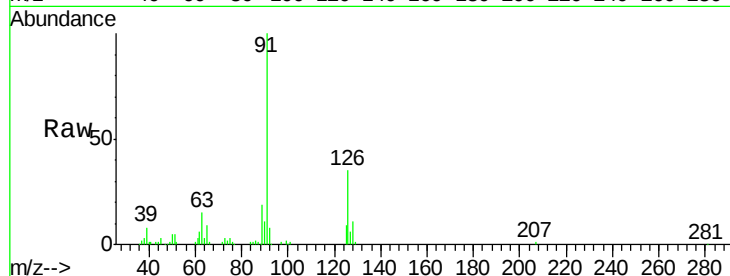
VN0115WBSD01

Tgt Ion: 91 Resp: 118303

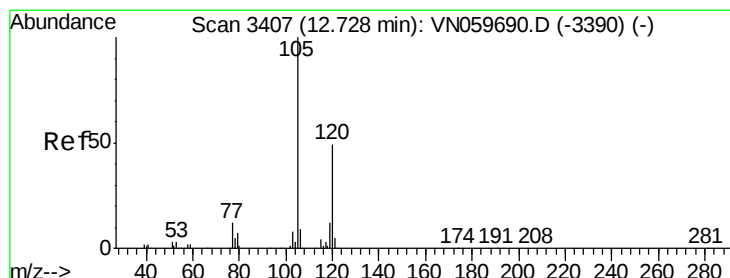
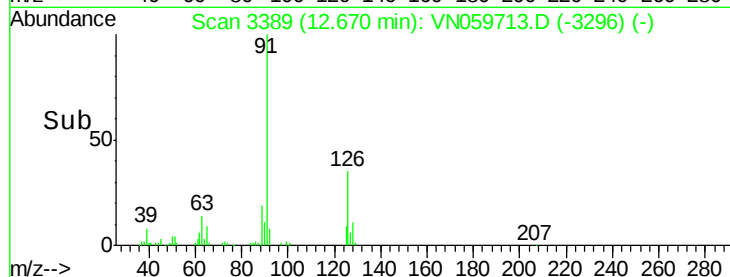
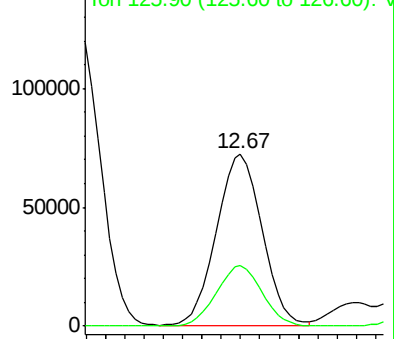
Ion Ratio Lower Upper

91 100

126 35.4 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059713.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.209 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059713.D

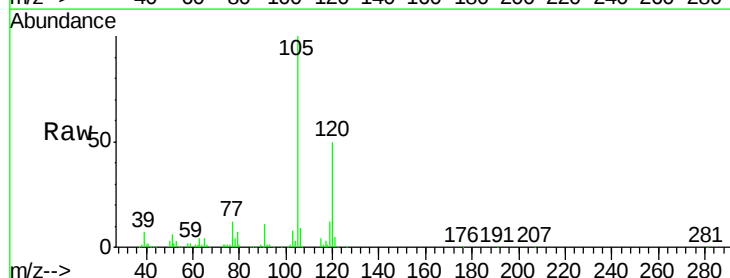
Acq: 15 Jan 2020 11:49

Tgt Ion: 105 Resp: 152973

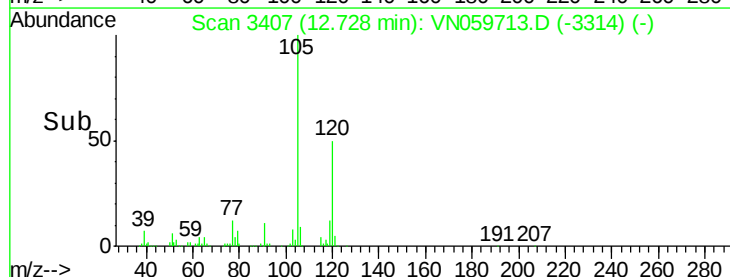
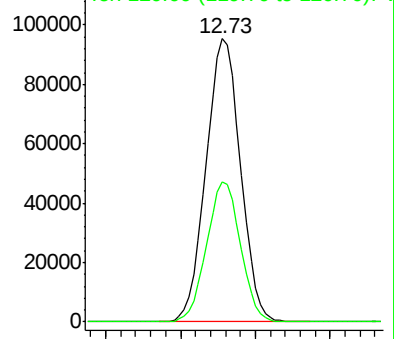
Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059713.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.416 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampled :

VN0115WBSD01

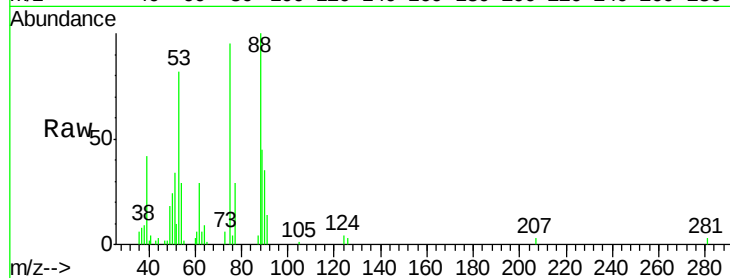
Tgt Ion: 75 Resp: 18674

Ion Ratio Lower Upper

75 100

53 86.8 78.1 117.1

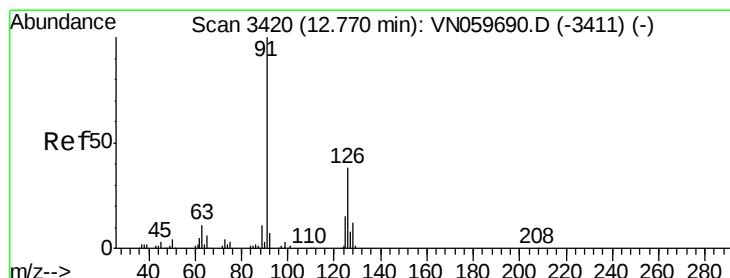
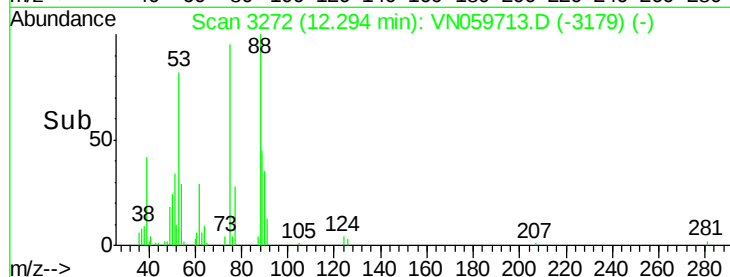
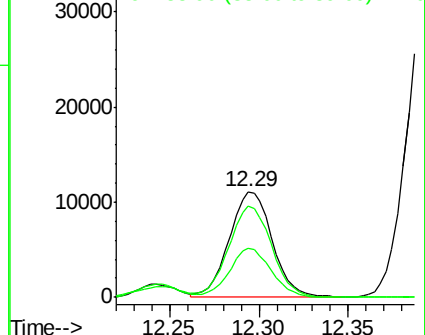
89 45.2 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.197 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059713.D

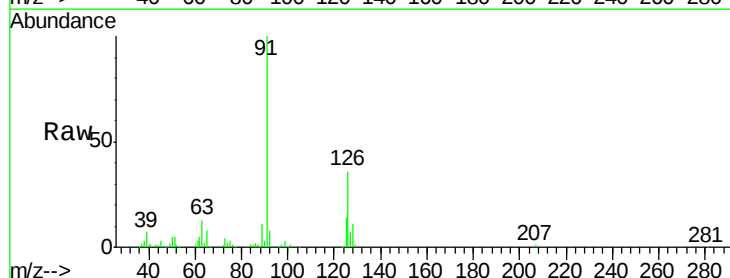
Acq: 15 Jan 2020 11:49

Tgt Ion: 91 Resp: 121752

Ion Ratio Lower Upper

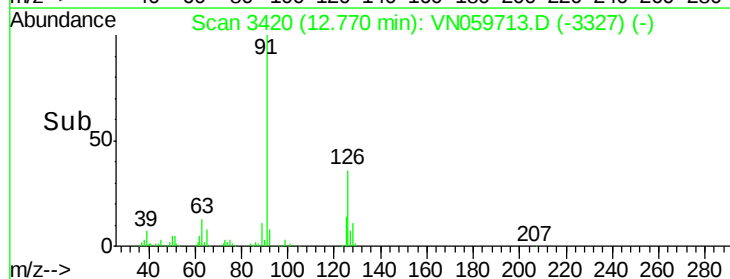
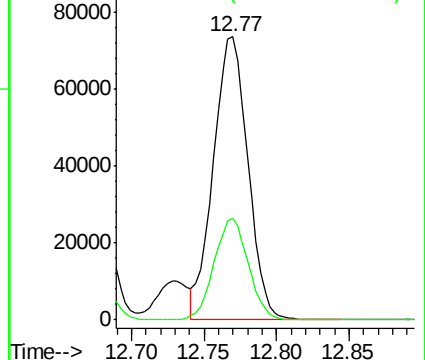
91 100

126 35.3 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

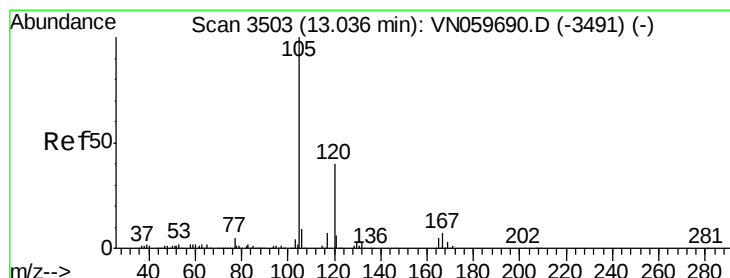
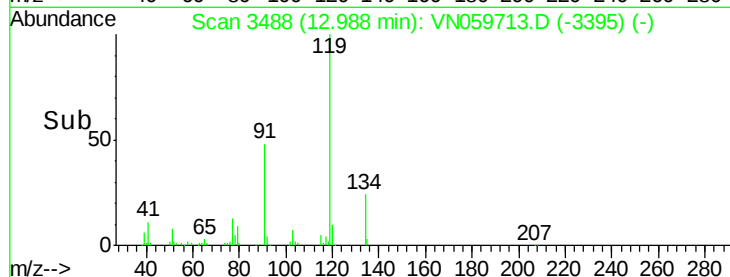
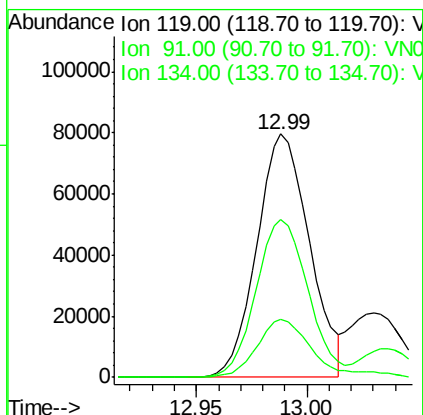
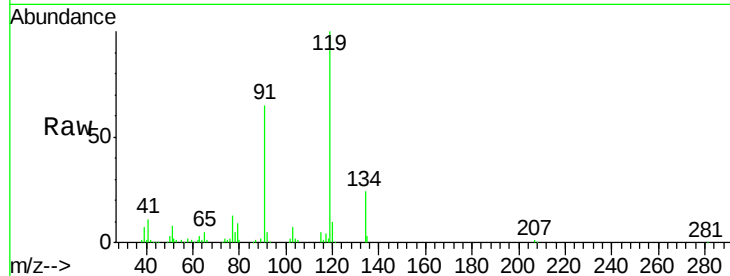




#83
 tert-Butylbenzene
 Concen: 20.123 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

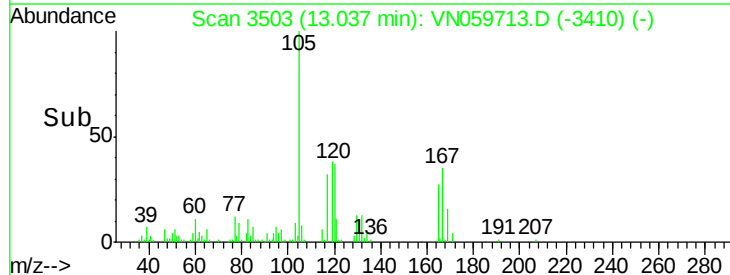
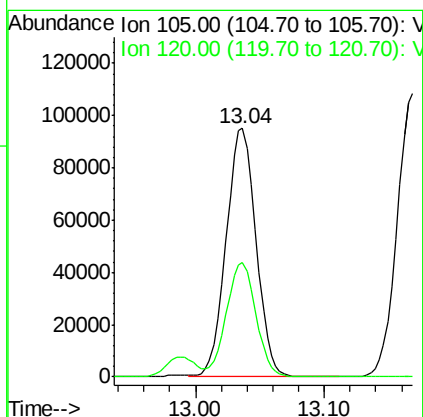
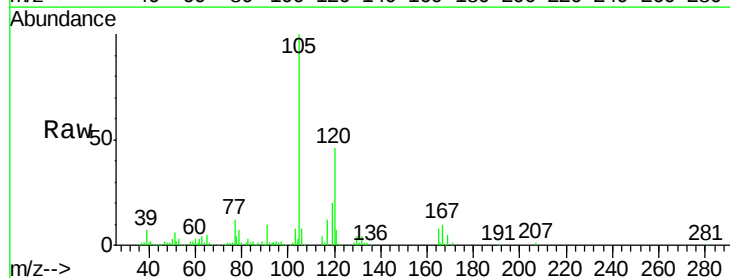
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD01

Tgt Ion:119 Resp: 131741
 Ion Ratio Lower Upper
 119 100
 91 64.1 34.8 104.4
 134 25.5 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.448 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

Tgt Ion:105 Resp: 153132
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.9

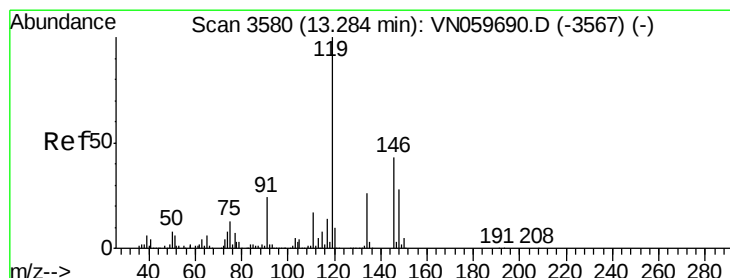
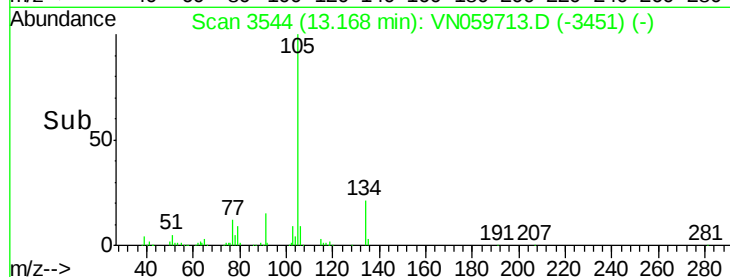
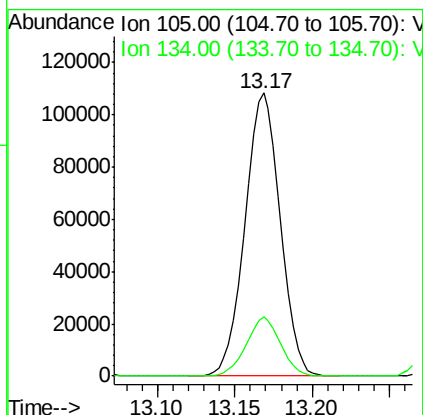
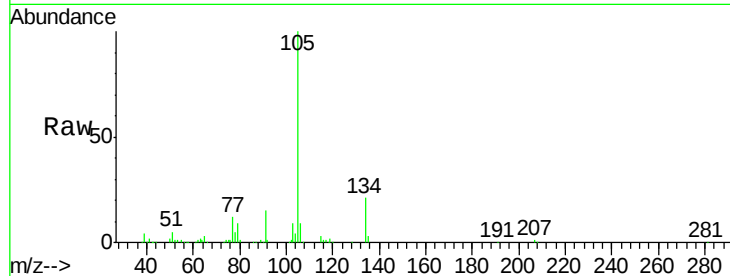




#85
 sec-Butylbenzene
 Concen: 19.974 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

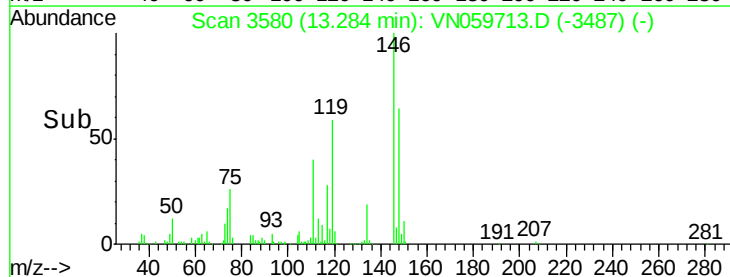
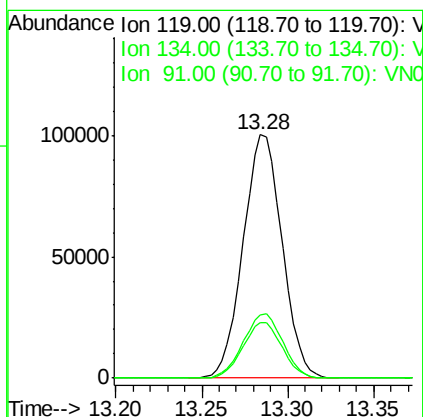
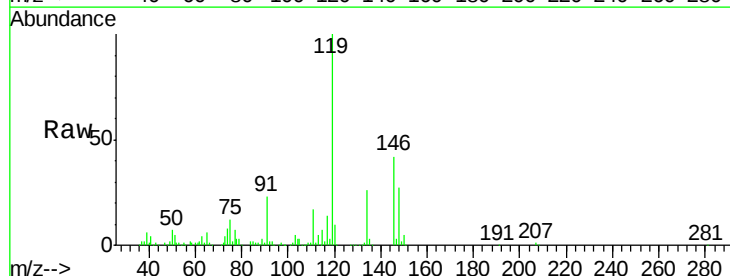
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD01

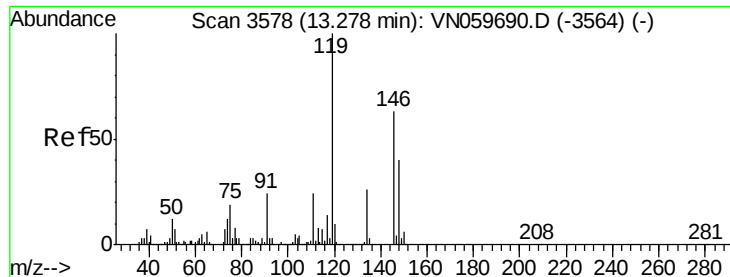
Tgt Ion:105 Resp: 171811
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.822 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

Tgt Ion:119 Resp: 157766
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.7
 91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.201 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

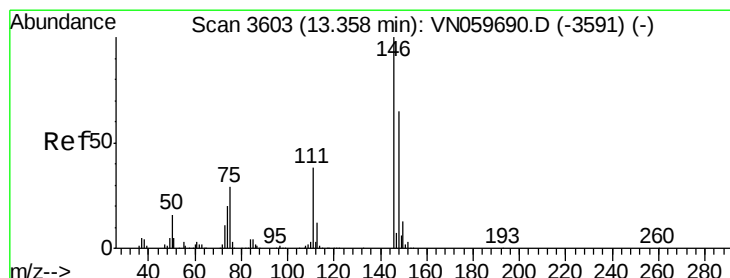
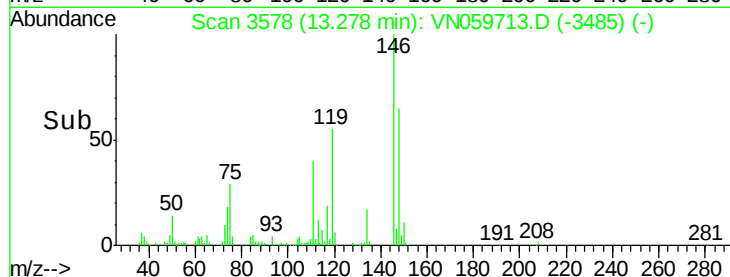
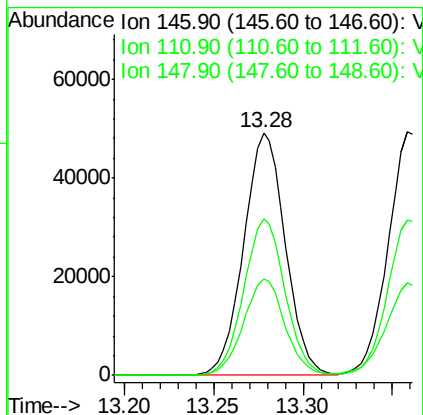
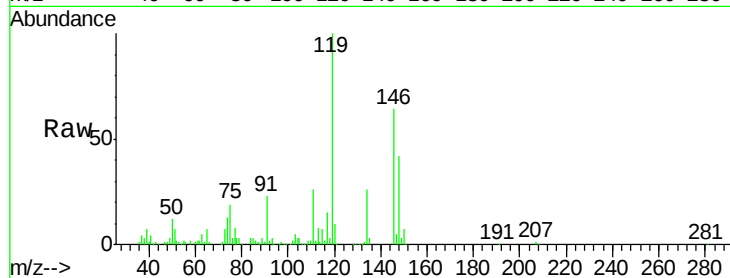
Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

Tgt Ion:	146	Resp:	79983
Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.8	62.2
148	63.9	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 20.475 ug/l

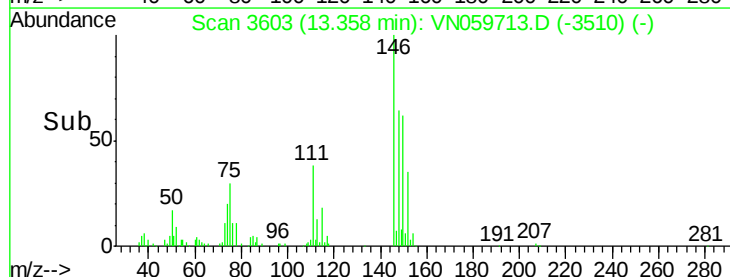
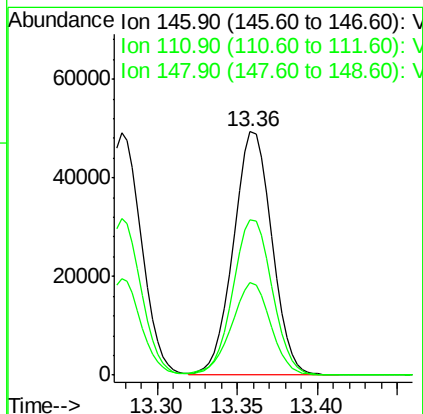
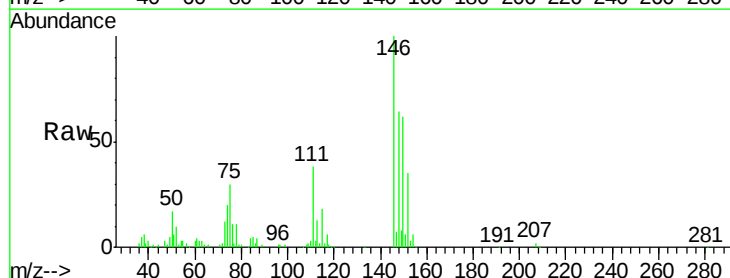
RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Tgt Ion:	146	Resp:	80873
Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.8	62.2
148	65.1	31.8	95.4





#89

n-Butylbenzene

Concen: 19.601 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

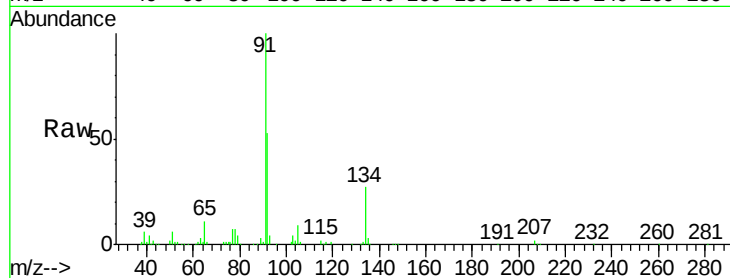
Tgt Ion: 91 Resp: 133014

Ion Ratio Lower Upper

91 100

92 52.3 25.9 77.7

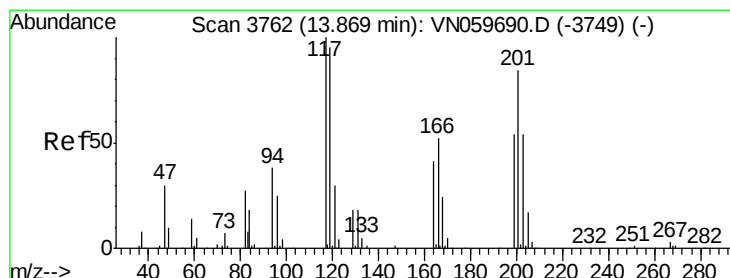
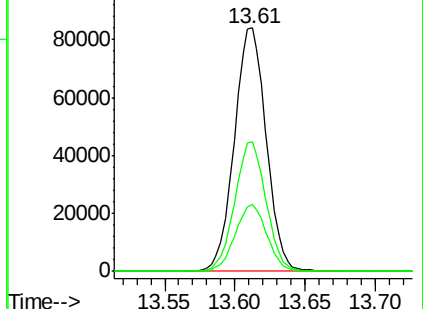
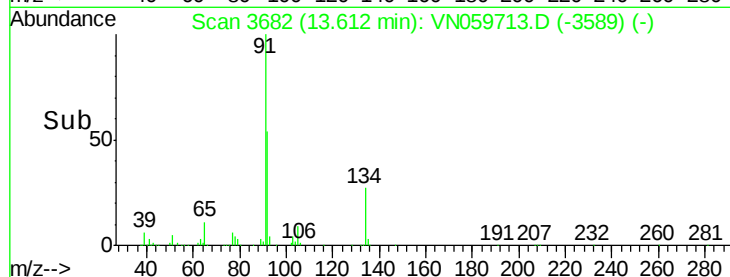
134 27.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN059713.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN059713.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN059713.D (-3589) (-)



#90

Hexachloroethane

Concen: 19.561 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN059713.D

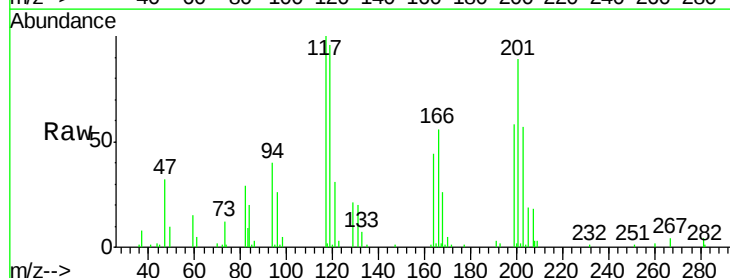
Acq: 15 Jan 2020 11:49

Tgt Ion: 117 Resp: 29128

Ion Ratio Lower Upper

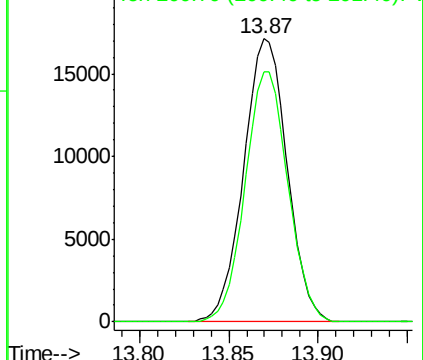
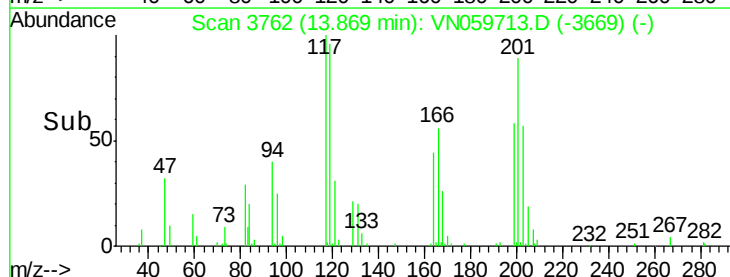
117 100

201 87.2 37.8 113.4



Abundance Ion 116.80 (116.50 to 117.50): VN059713.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN059713.D (-3669) (-)





#91

1,2-Dichlorobenzene

Concen: 20.390 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

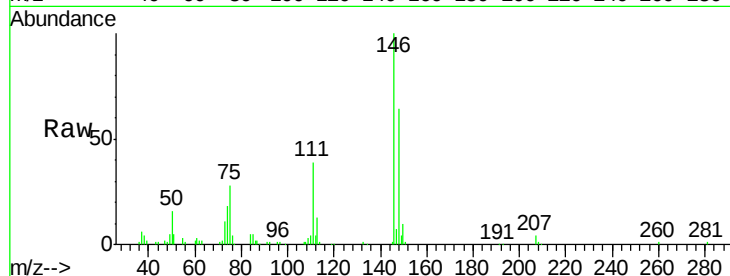
Tgt Ion:146 Resp: 79810

Ion Ratio Lower Upper

146 100

111 39.6 21.6 64.8

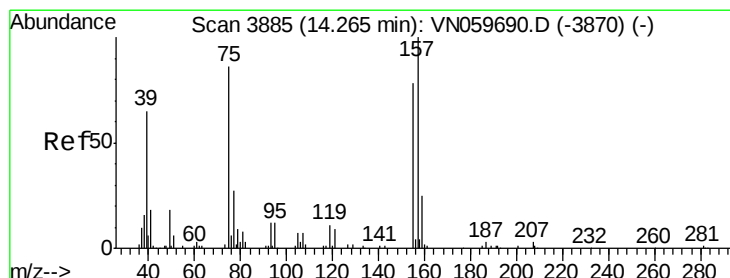
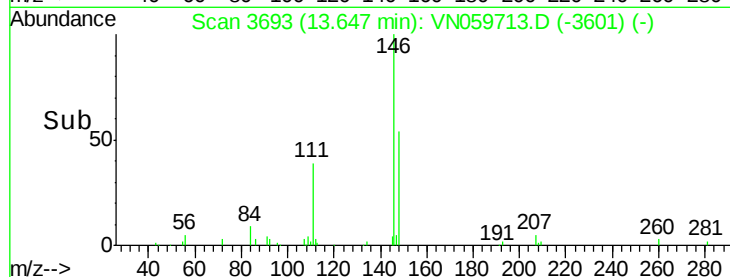
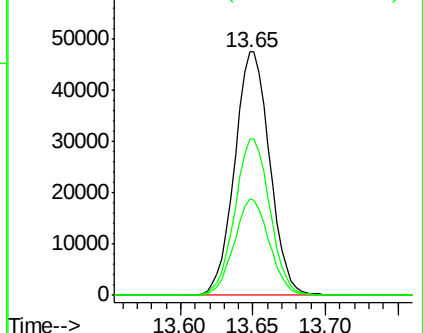
148 64.0 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.161 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN059713.D

Acq: 15 Jan 2020 11:49

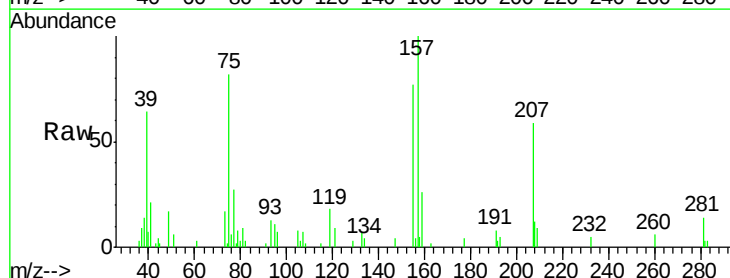
Tgt Ion: 75 Resp: 11453

Ion Ratio Lower Upper

75 100

155 89.4 37.0 110.9

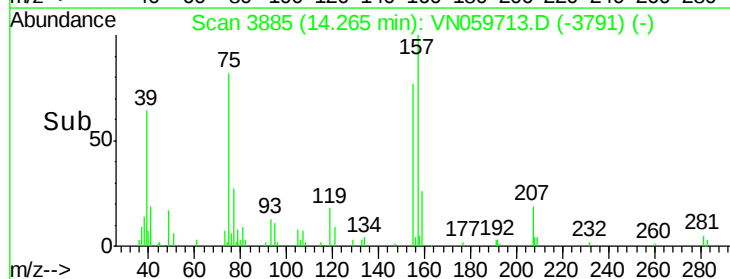
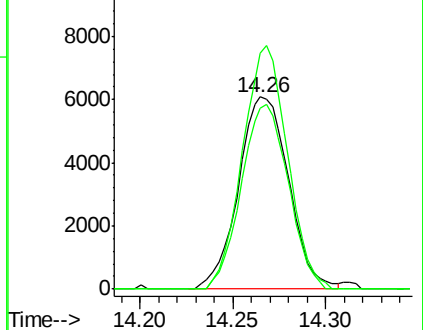
157 112.9 48.4 145.2



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

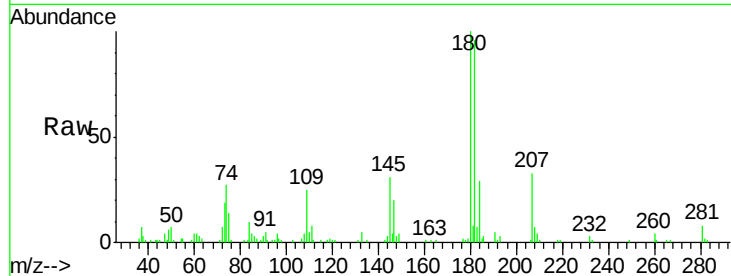




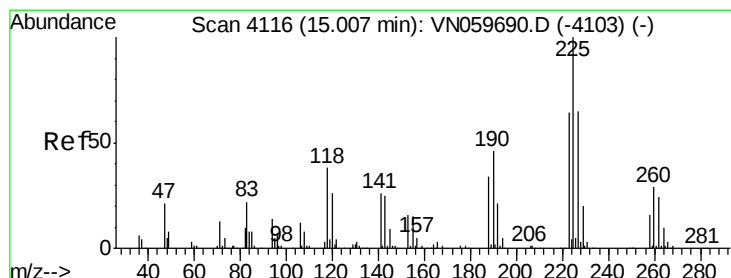
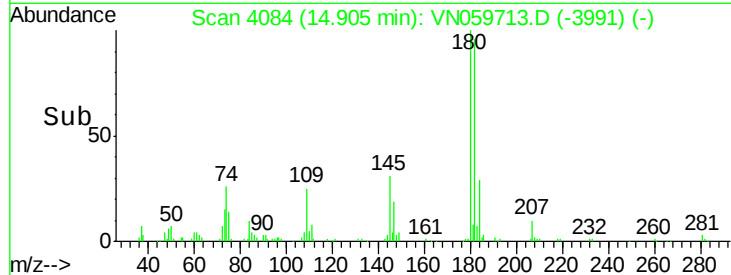
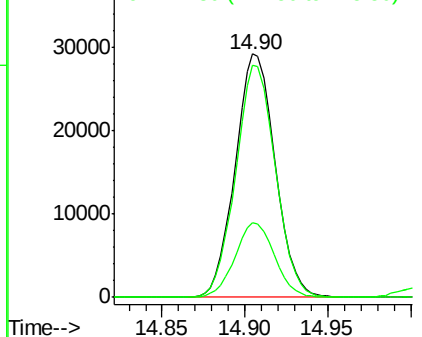
#93
 1,2,4-Trichlorobenzene
 Concen: 20.763 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD01

Tgt Ion:180 Resp: 48834
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.9 140.7
 145 30.4 15.0 45.1

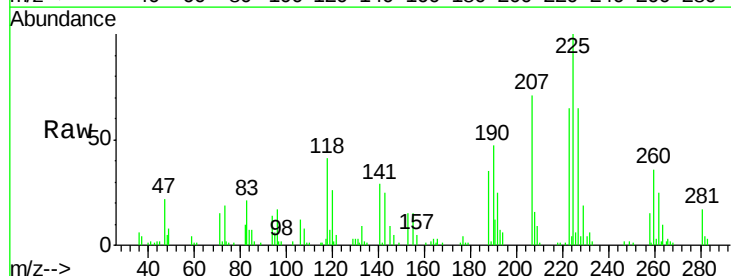


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

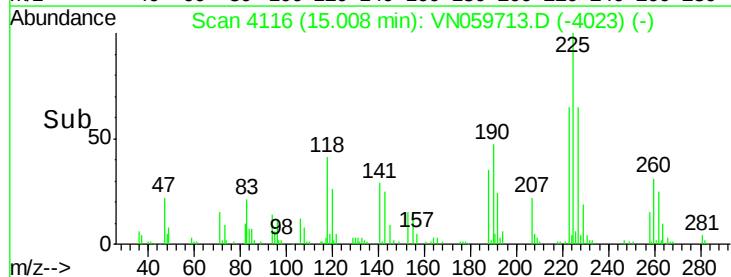
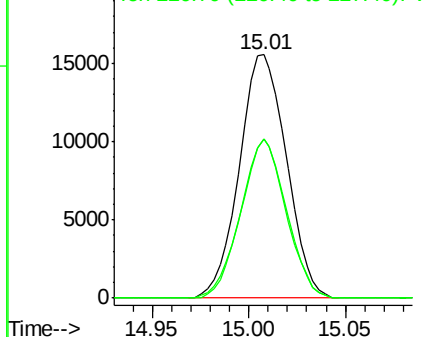


#94
 Hexachlorobutadiene
 Concen: 20.305 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059713.D
 Acq: 15 Jan 2020 11:49

Tgt Ion:225 Resp: 26317
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.8 95.3
 227 62.8 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

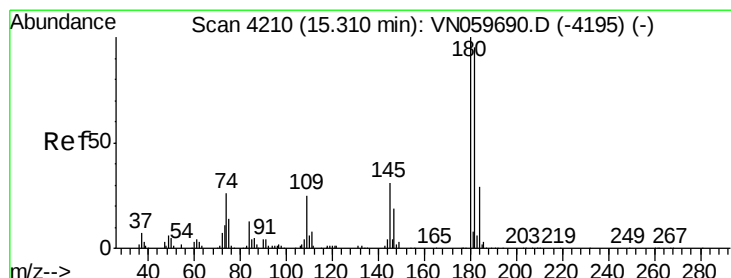
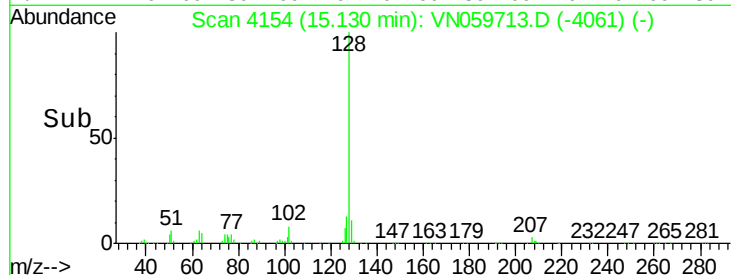
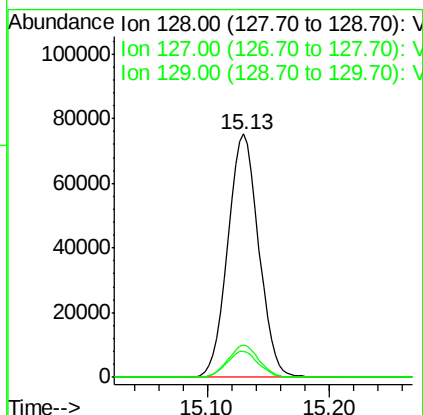
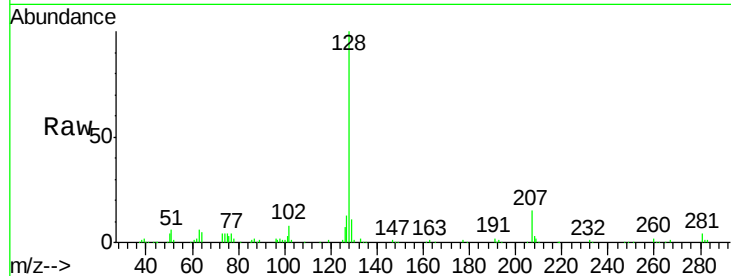




#95
Naphthalene
Concen: 19.901 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion:128 Resp: 133140
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.258 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059713.D
Acq: 15 Jan 2020 11:49

Tgt Ion:180 Resp: 46378
Ion Ratio Lower Upper
180 100
182 96.6 47.4 142.3
145 32.1 16.3 48.9

