

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011520\
 Data File : VN059712.D
 Acq On : 15 Jan 2020 11:16
 Operator : JC/MD
 Sample : VN0115WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

Quant Time: Jan 16 03:41:15 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	193687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	297687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	267844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123959	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	110092	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	7.57	113	93576	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	10.08	98	356530	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.40	95	124943	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	47100	20.315	ug/l	99
3) Chloromethane	2.04	50	45972	20.732	ug/l	97
4) Vinyl Chloride	2.17	62	55672	21.943	ug/l	97
5) Bromomethane	2.54	94	33694	21.761	ug/l	95
6) Chloroethane	2.69	64	25391	21.153	ug/l	97
7) Trichlorofluoromethane	3.00	101	63918	20.977	ug/l	95
8) Diethyl Ether	3.38	74	22606	21.141	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36135	21.308	ug/l	92
10) Methyl Iodide	3.93	142	56165	20.490	ug/l	94
11) Tert butyl alcohol	4.73	59	37228	102.811	ug/l	100
12) 1,1-Dichloroethene	3.72	96	36416	20.550	ug/l	87
13) Acrolein	3.58	56	19861	77.484	ug/l	98
14) Allyl chloride	4.29	41	51532	21.575	ug/l #	89
15) Acrylonitrile	4.95	53	86055	104.186	ug/l	99
16) Acetone	3.78	43	80513	103.896	ug/l	98
17) Carbon Disulfide	4.03	76	102237	20.253	ug/l	100
18) Methyl Acetate	4.29	43	51272	20.407	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	120177	20.801	ug/l	96
20) Methylene Chloride	4.52	84	39750	19.640	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	38342	20.355	ug/l	89
22) Diisopropyl ether	5.92	45	111530	20.605	ug/l	94
23) Vinyl Acetate	5.86	43	427174	101.932	ug/l	95
24) 1,1-Dichloroethane	5.82	63	68338	20.663	ug/l	98
25) 2-Butanone	6.80	43	116678	95.790	ug/l	92
26) 2,2-Dichloropropane	6.80	77	63142	19.859	ug/l	94
27) cis-1,2-Dichloroethene	6.80	96	45098	20.816	ug/l	87
28) Bromochloromethane	7.17	49	26721	20.214	ug/l #	73
29) Tetrahydrofuran	7.18	42	74423	98.751	ug/l #	87
30) Chloroform	7.35	83	71439	20.847	ug/l	98
31) Cyclohexane	7.63	56	62270	19.567	ug/l	86
32) 1,1,1-Trichloroethane	7.54	97	66266	20.914	ug/l	96
36) 1,1-Dichloropropene	7.77	75	53175	20.512	ug/l	95
37) Ethyl Acetate	6.90	43	46770	19.236	ug/l	95
38) Carbon Tetrachloride	7.75	117	58856	20.871	ug/l	99

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 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)
39) Methylcyclohexane	9.07	83	65161	20.385	ug/l	92
40) Benzene	8.02	78	158517	20.503	ug/l	99
41) Methacrylonitrile	7.18	41	70308	58.707	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	54853	20.926	ug/l	97
43) Isopropyl Acetate	8.14	43	82428	19.710	ug/l #	94
44) Trichloroethene	8.82	130	45063	21.351	ug/l	96
45) 1,2-Dichloropropane	9.10	63	40069	20.944	ug/l	99
46) Dibromomethane	9.19	93	28249	20.932	ug/l	90
47) Bromodichloromethane	9.39	83	56442	20.754	ug/l	98
48) Methyl methacrylate	9.18	41	37654	20.129	ug/l	90
49) 1,4-Dioxane	9.18	88	14919	435.655	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	239284	98.977	ug/l	94
52) Toluene	10.14	92	102127	20.913	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	61219	20.160	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	67454	21.112	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	40126	20.746	ug/l	96
56) Ethyl methacrylate	10.42	69	59156	20.016	ug/l	93
57) 1,3-Dichloropropane	10.70	76	65125	21.209	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	102183	114.790	ug/l	91
59) 2-Hexanone	10.74	43	179033	100.522	ug/l	95
60) Dibromochloromethane	10.89	129	45505	20.660	ug/l	99
61) 1,2-Dibromoethane	10.99	107	42310	20.871	ug/l	100
64) Tetrachloroethene	10.62	164	42976	19.687	ug/l	94
65) Chlorobenzene	11.43	112	109357	20.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	42984	21.130	ug/l	98
67) Ethyl Benzene	11.50	91	196888	20.602	ug/l	97
68) m/p-Xylenes	11.62	106	150980	41.822	ug/l	92
69) o-Xylene	11.94	106	73059	20.672	ug/l	93
70) Styrene	11.96	104	120582	20.389	ug/l	96
71) Bromoform	12.12	173	33967	20.846	ug/l #	99
73) Isopropylbenzene	12.24	105	193510	21.286	ug/l	99
74) N-amyl acetate	12.06	43	69350	19.659	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	56842	21.568	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	73945	35.446	ug/l #	100
77) Bromobenzene	12.52	156	49497	21.500	ug/l	81
78) n-propylbenzene	12.59	91	216666	21.234	ug/l	97
79) 2-Chlorotoluene	12.67	91	127161	20.948	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	163041	21.325	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	19949	20.536	ug/l	93
82) 4-Chlorotoluene	12.77	91	128023	21.027	ug/l	94
83) tert-Butylbenzene	12.99	119	142214	21.507	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	160395	21.205	ug/l	97
85) sec-Butylbenzene	13.17	105	184196	21.202	ug/l	99
86) p-Isopropyltoluene	13.28	119	168741	20.991	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	85192	21.303	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	84354	21.144	ug/l	98
89) n-Butylbenzene	13.61	91	142354	20.769	ug/l	98
90) Hexachloroethane	13.87	117	31590	21.003	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	83840	21.206	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12535	20.946	ug/l	84

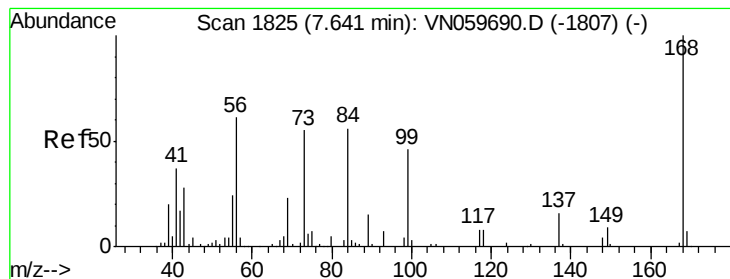
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011520\
Data File : VN059712.D
Acq On : 15 Jan 2020 11:16
Operator : JC/MD
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Quant Title : SW846 8260
QLast Update : Tue Jan 14 08:58:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	50584	21.293	ug/l	98
94) Hexachlorobutadiene	15.01	225	28334	21.644	ug/l	97
95) Naphthalene	15.13	128	140744	20.829	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	49631	21.464	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

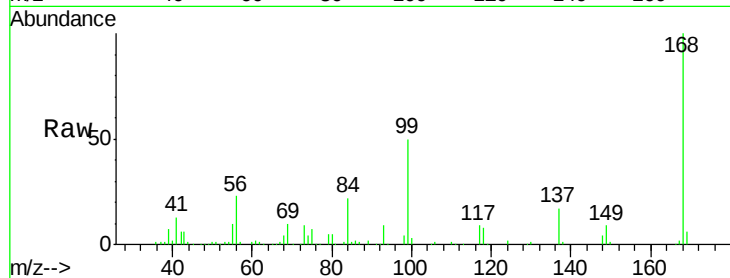
VN0115WBS01

Tgt Ion:168 Resp: 193687

Ion Ratio Lower Upper

168 100

99 50.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059690.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059690.D (-1807) (-)

7.64

80000

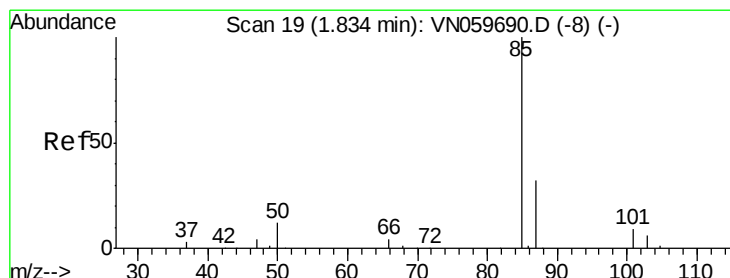
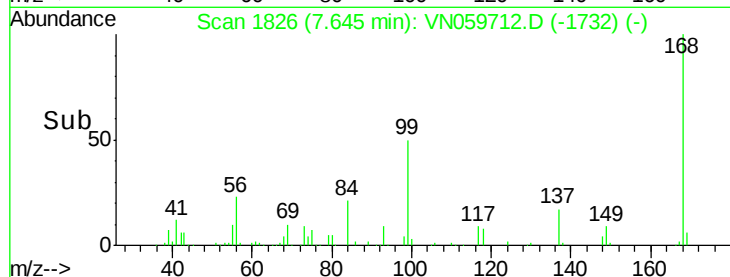
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 20.315 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059712.D

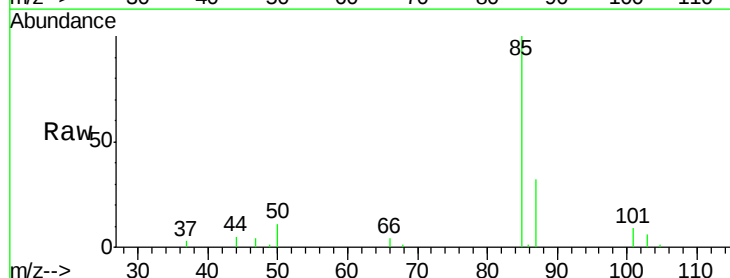
Acq: 15 Jan 2020 11:16

Tgt Ion: 85 Resp: 47100

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN059690.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN059690.D (-8) (-)

1.83

40000

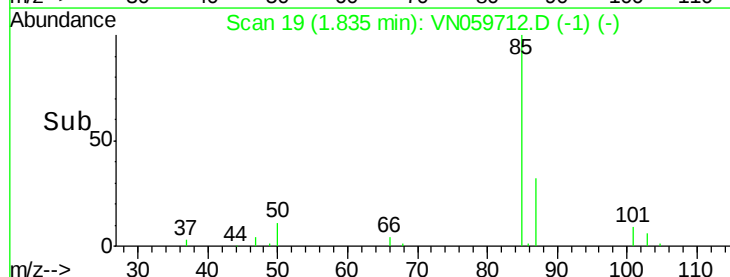
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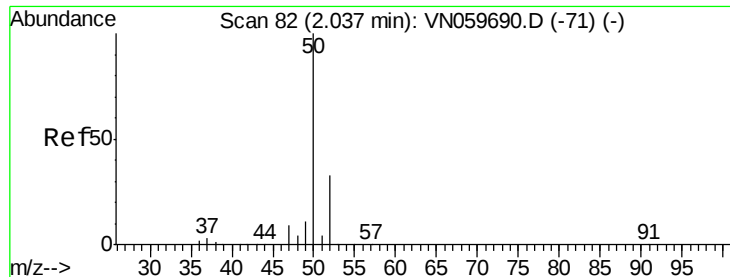
20000

10000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 20.732 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

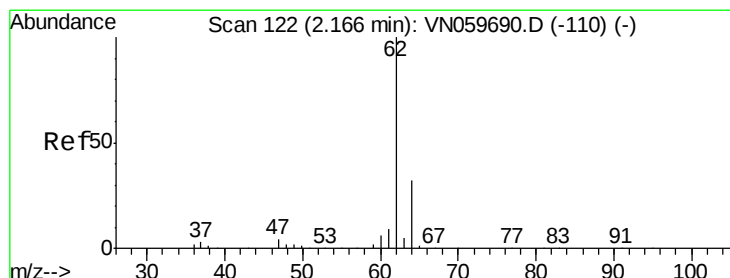
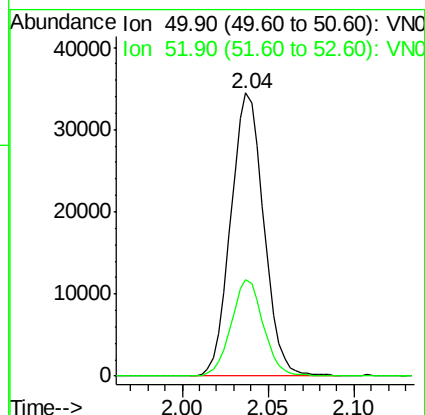
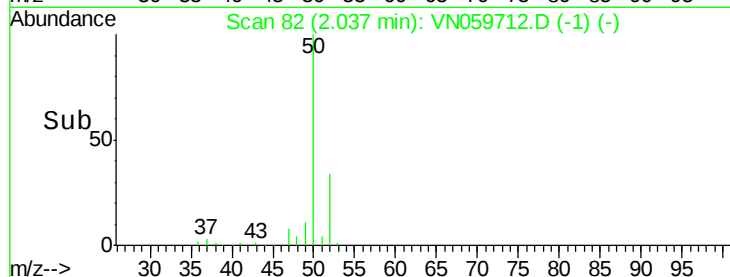
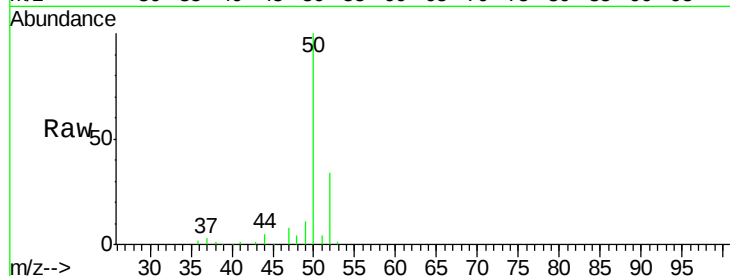
VN0115WBS01

Tgt Ion: 50 Resp: 45972

Ion Ratio Lower Upper

50 100

52 34.3 25.9 38.9



#4

Vinyl Chloride

Concen: 21.943 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059712.D

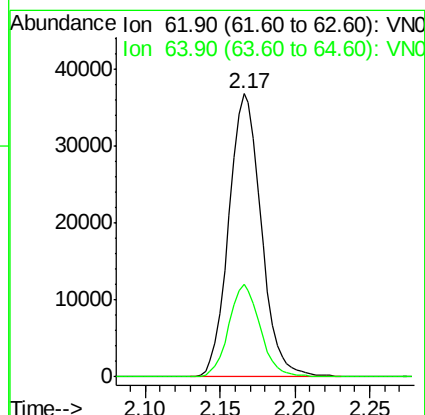
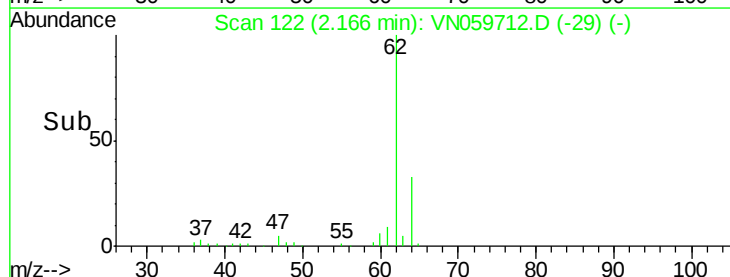
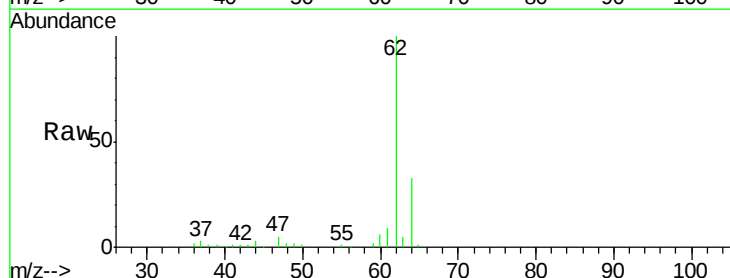
Acq: 15 Jan 2020 11:16

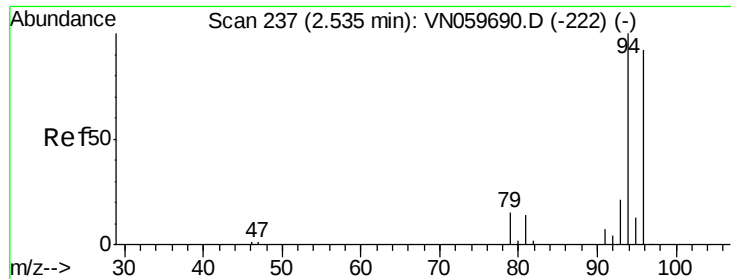
Tgt Ion: 62 Resp: 55672

Ion Ratio Lower Upper

62 100

64 32.5 24.6 37.0

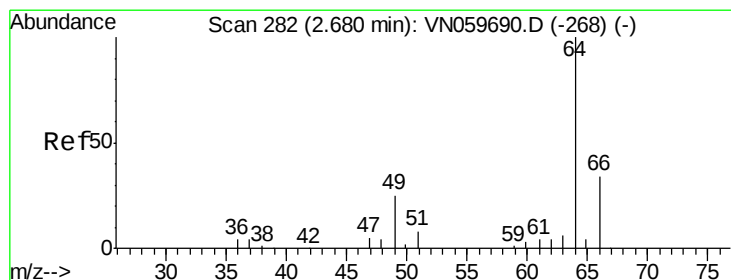
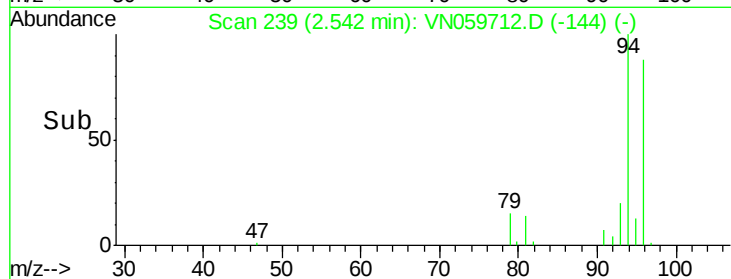
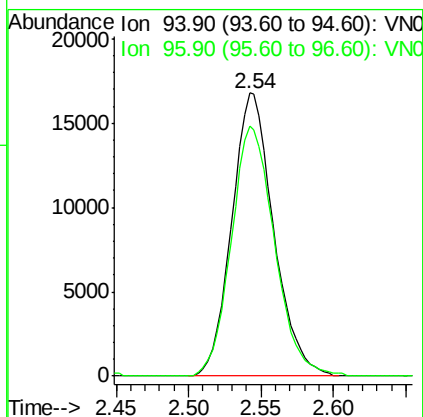
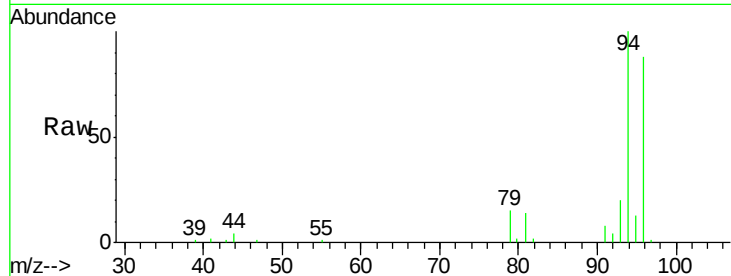




#5
Bromomethane
Concen: 21.761 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

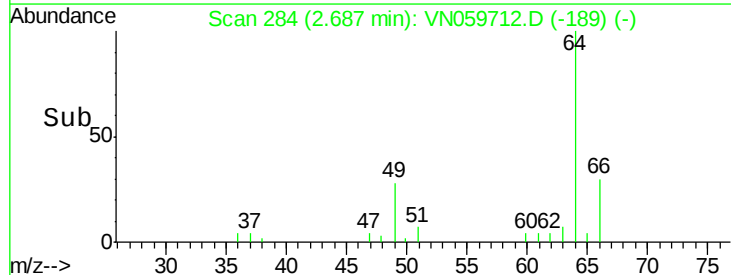
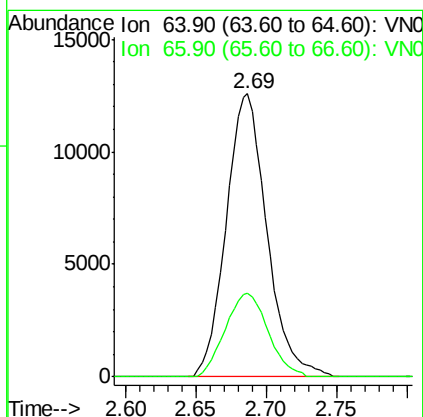
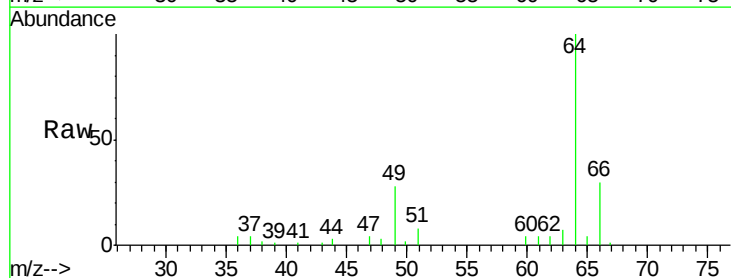
Instrument :
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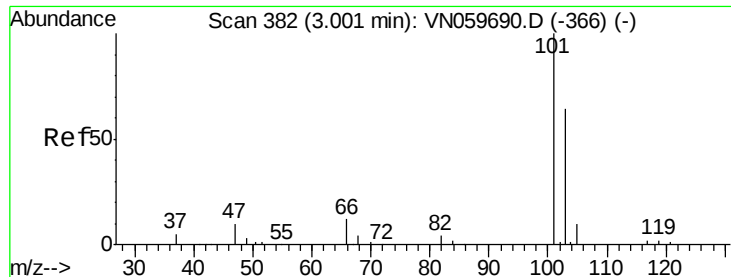
Tgt Ion: 94 Resp: 33694
Ion Ratio Lower Upper
94 100
96 88.2 74.7 112.1



#6
Chloroethane
Concen: 21.153 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion: 64 Resp: 25391
Ion Ratio Lower Upper
64 100
66 29.7 25.1 37.7



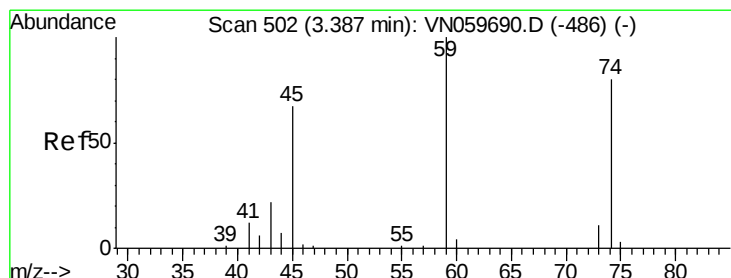
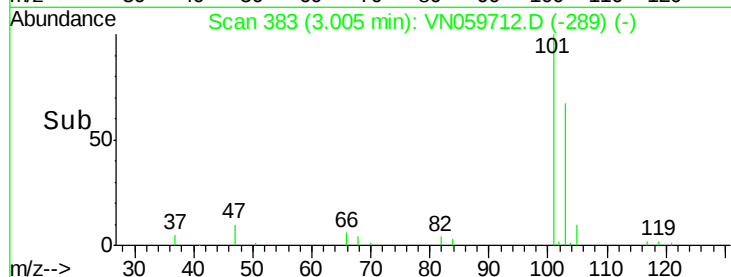
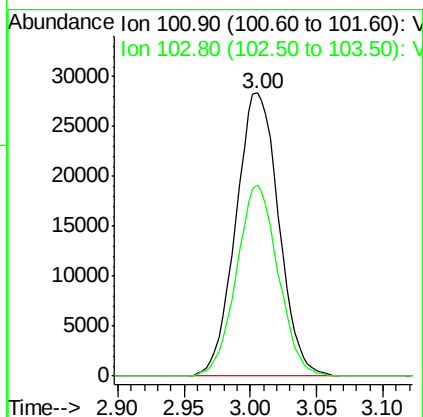
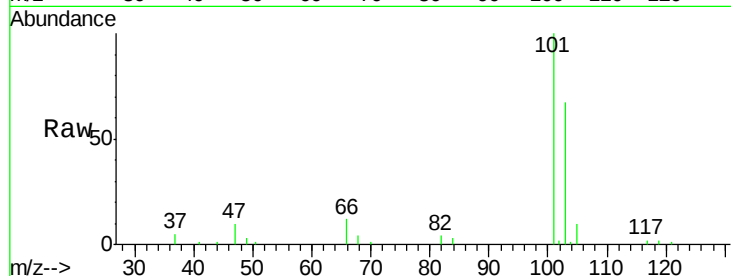


#7

Trichlorofluoromethane
Concen: 20.977 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

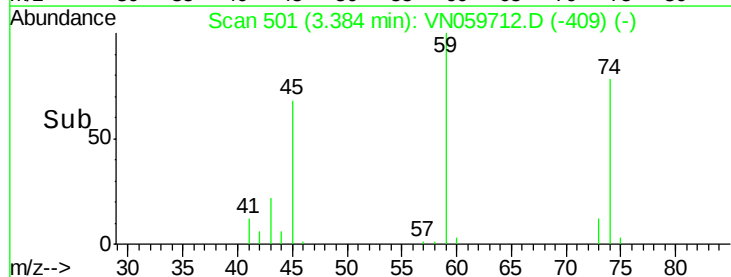
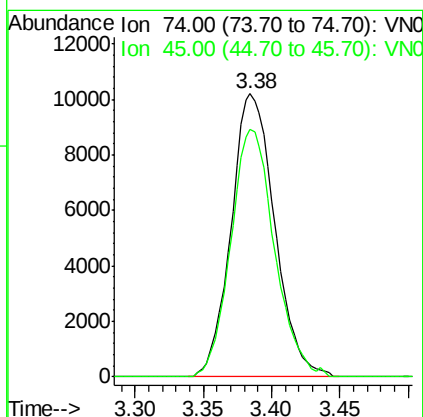
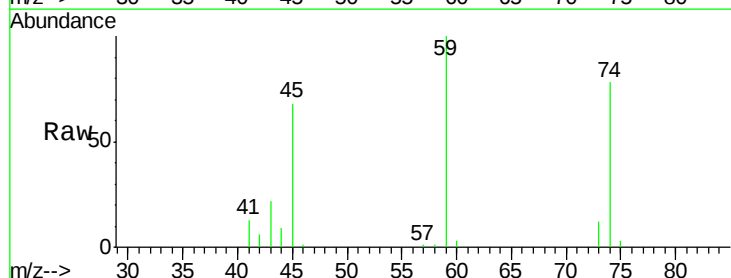
Tgt Ion:101 Resp: 63918
Ion Ratio Lower Upper
101 100
103 67.4 51.0 76.6

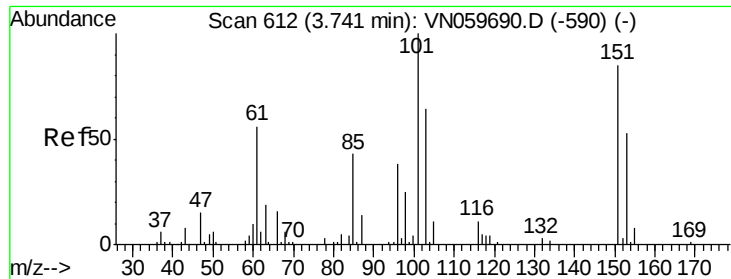


#8

Diethyl Ether
Concen: 21.141 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion: 74 Resp: 22606
Ion Ratio Lower Upper
74 100
45 87.8 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.308 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

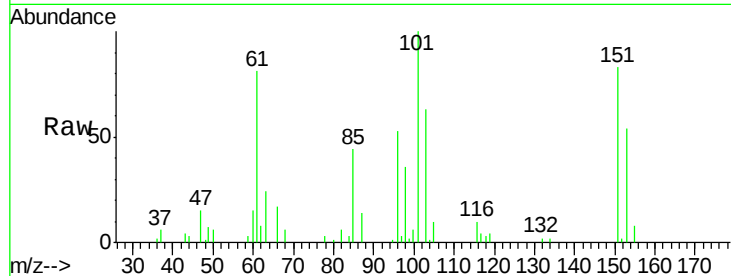
Tgt Ion:101 Resp: 36135

Ion Ratio Lower Upper

101 100

85 43.5 36.6 54.8

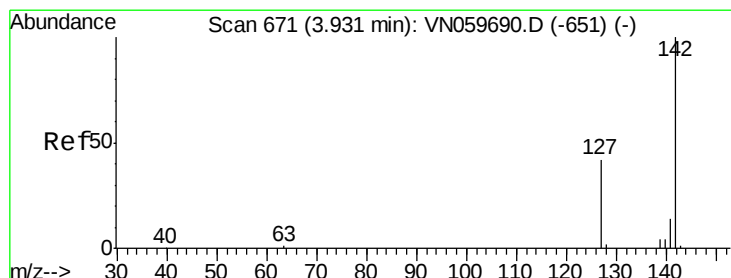
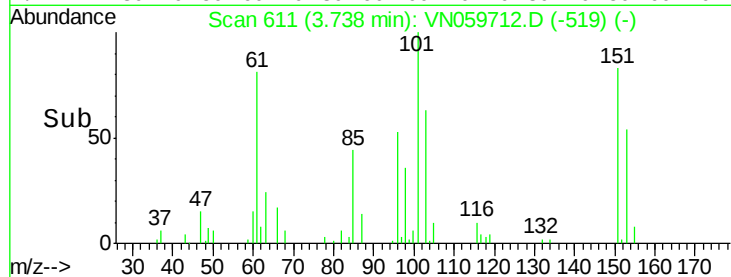
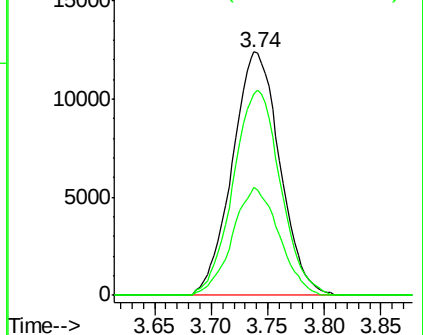
151 84.2 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.490 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

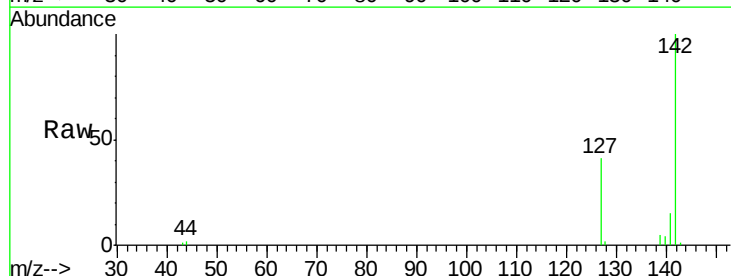
Tgt Ion:142 Resp: 56165

Ion Ratio Lower Upper

142 100

127 41.0 36.7 55.1

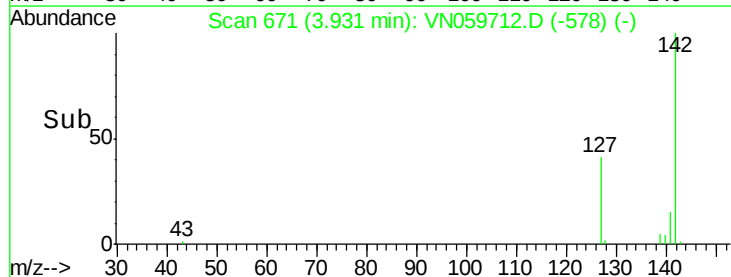
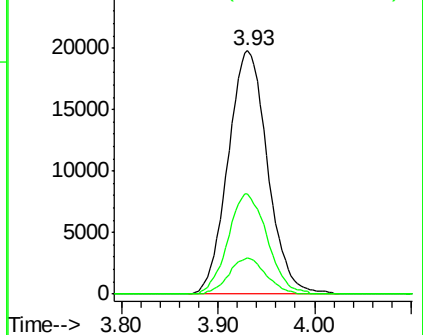
141 13.9 11.7 17.5

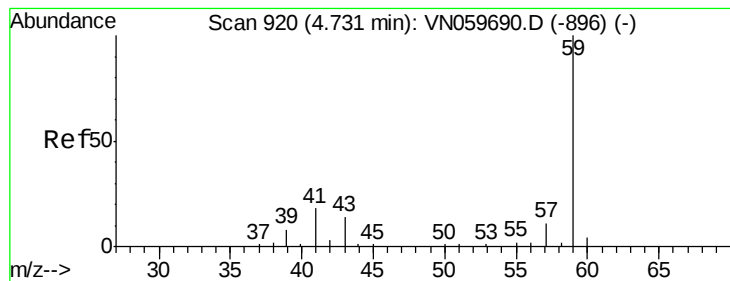


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



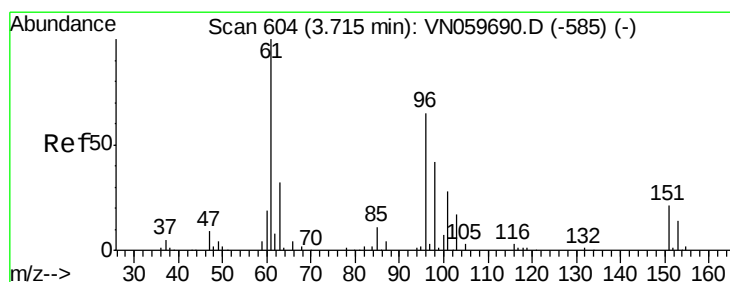
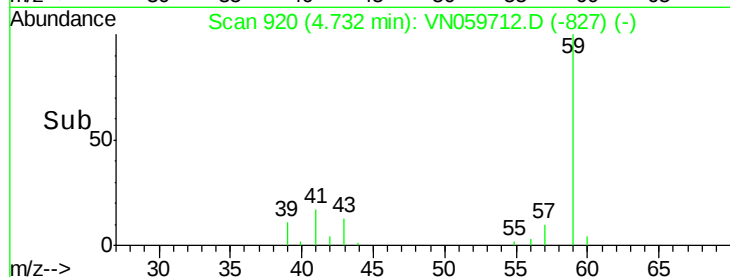
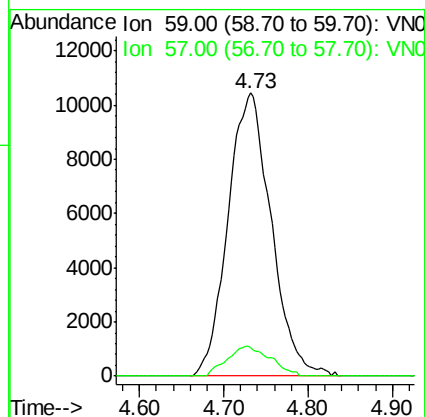
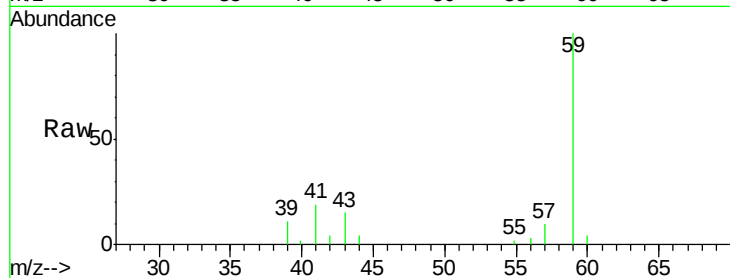


#11

Tert butyl alcohol
 Concen: 102.811 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

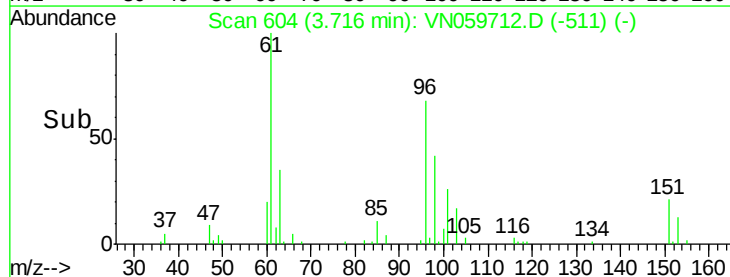
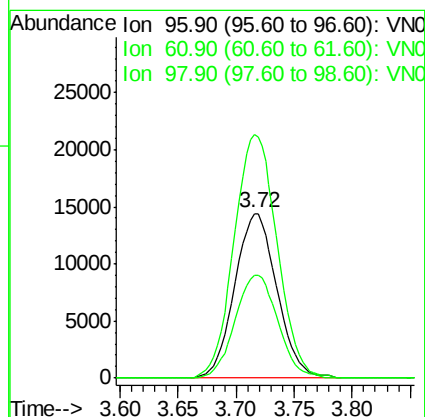
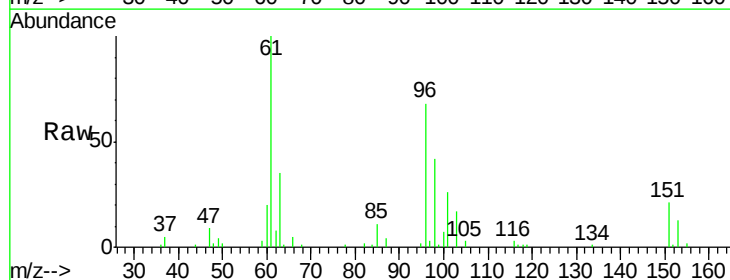
Tgt Ion: 59 Resp: 37228
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.6 12.8

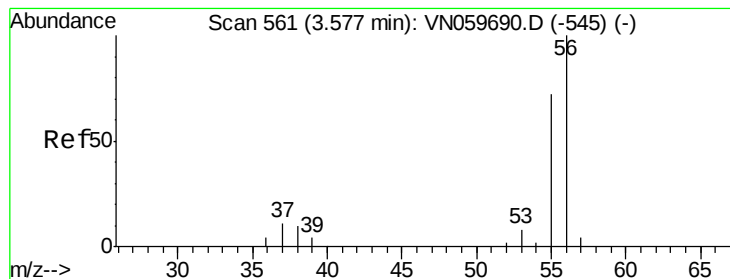


#12

1,1-Dichloroethene
 Concen: 20.550 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion: 96 Resp: 36416
 Ion Ratio Lower Upper
 96 100
 61 147.8 137.5 206.3
 98 62.2 50.2 75.4





#13

Acrolein

Concen: 77.484 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

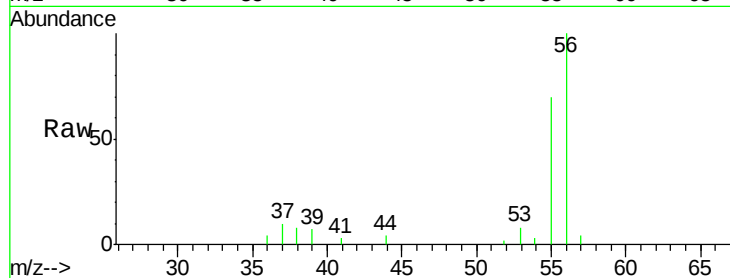
VN0115WBS01

Tgt Ion: 56 Resp: 19861

Ion Ratio Lower Upper

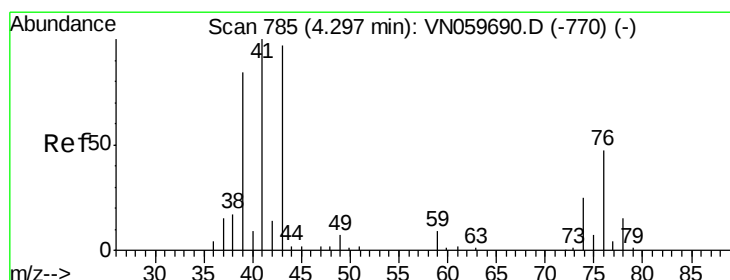
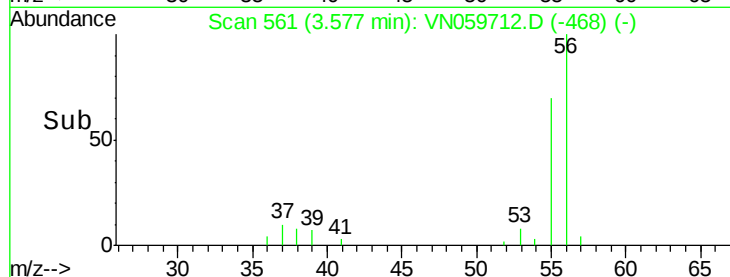
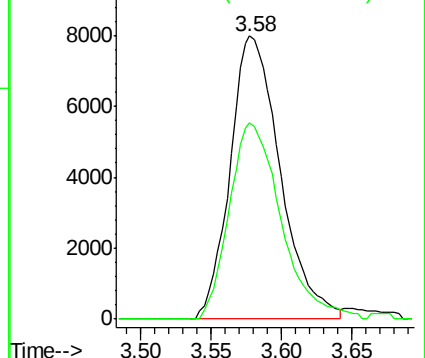
56 100

55 71.6 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: 21.575 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

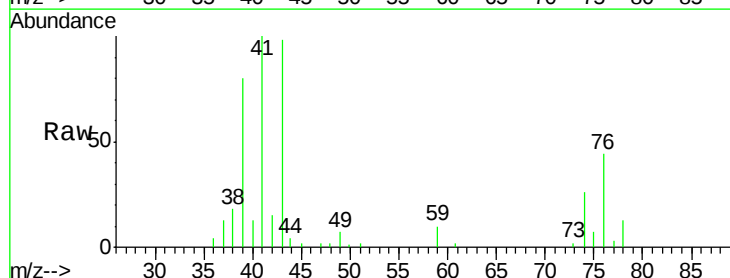
Tgt Ion: 41 Resp: 51532

Ion Ratio Lower Upper

41 100

39 79.0 57.8 86.8

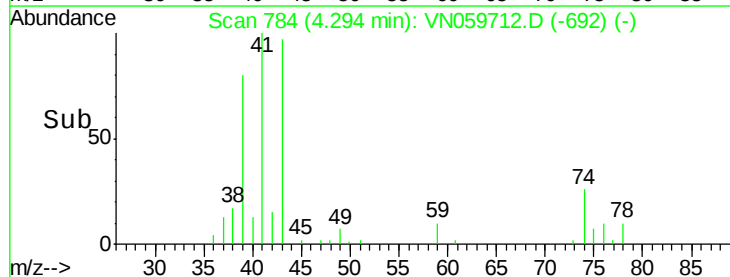
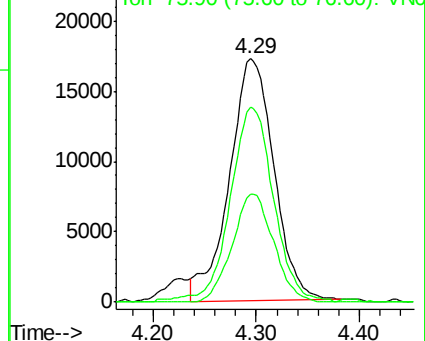
76 41.5 25.4 38.0#

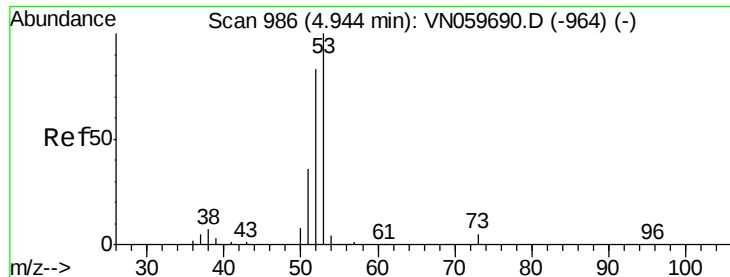


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 104.186 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

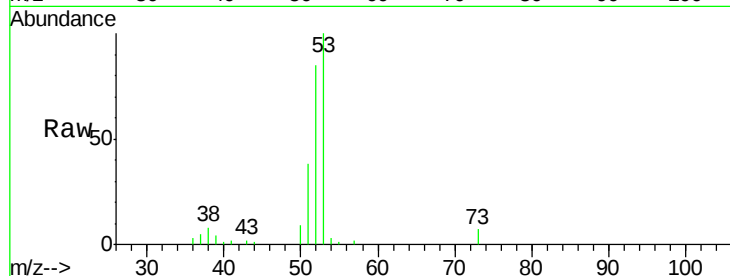
Tgt Ion: 53 Resp: 86055

Ion Ratio Lower Upper

53 100

52 81.8 66.3 99.5

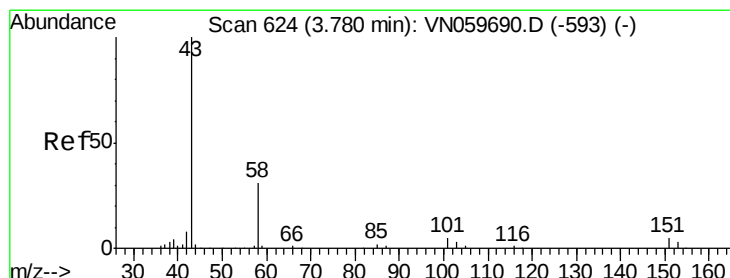
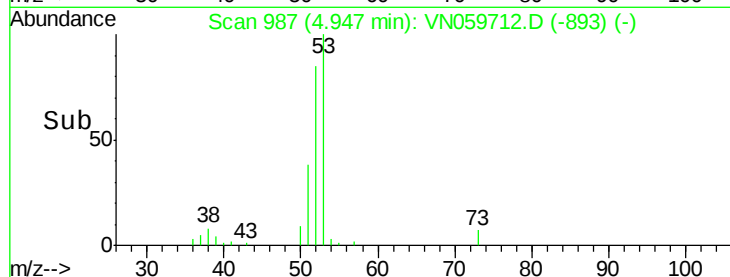
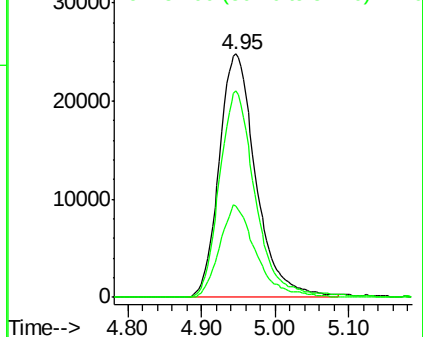
51 37.5 29.7 44.5



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: 103.896 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN059712.D

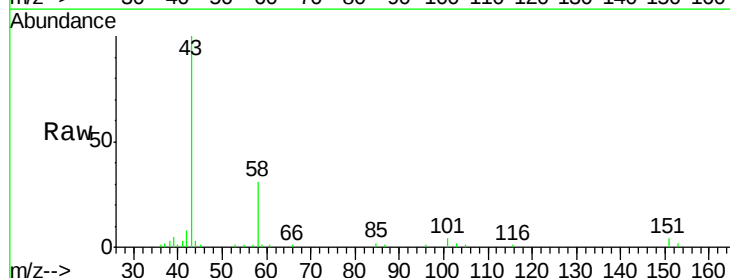
Acq: 15 Jan 2020 11:16

Tgt Ion: 43 Resp: 80513

Ion Ratio Lower Upper

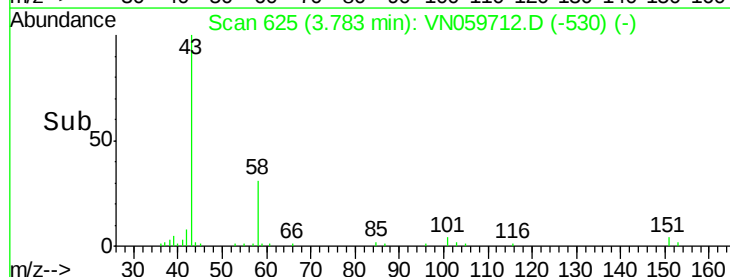
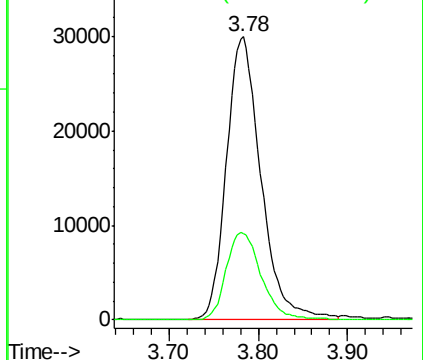
43 100

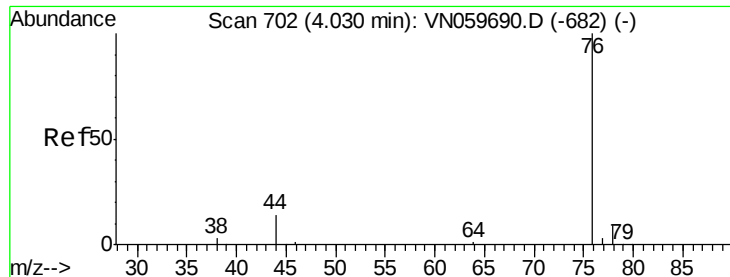
58 30.7 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

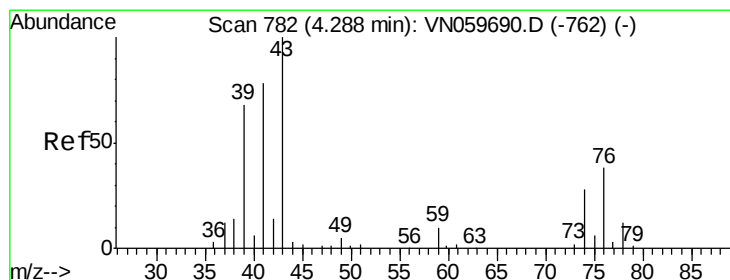
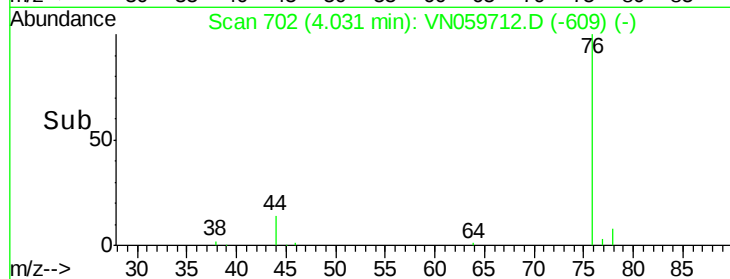
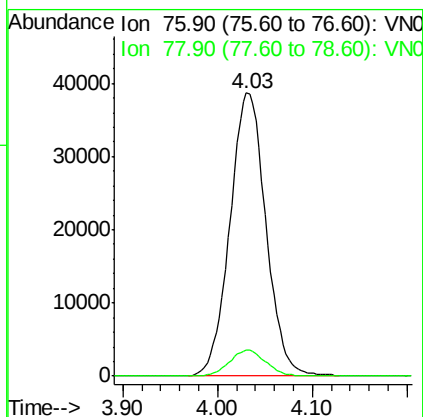
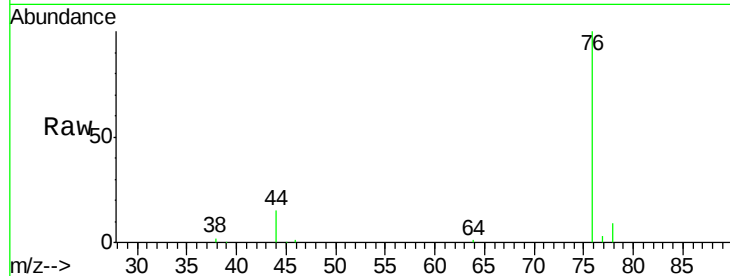




#17
Carbon Disulfide
Concen: 20.253 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

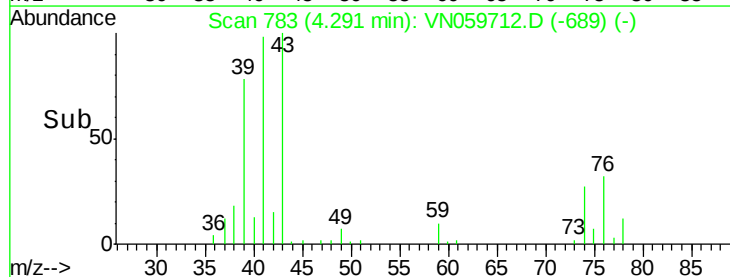
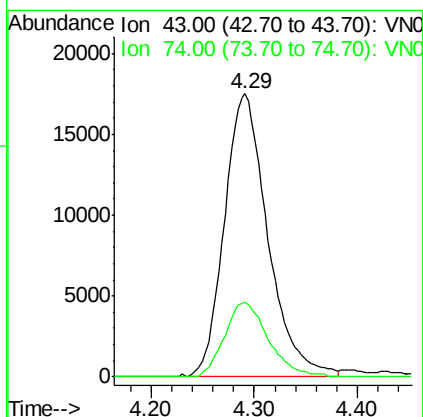
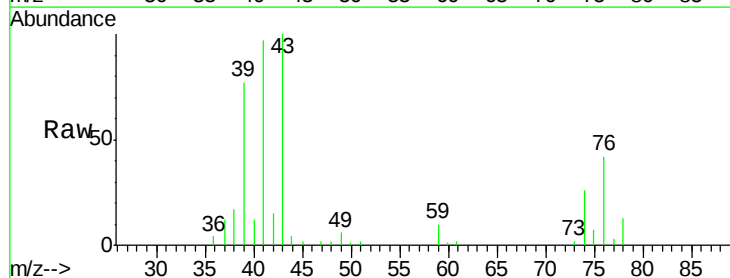
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

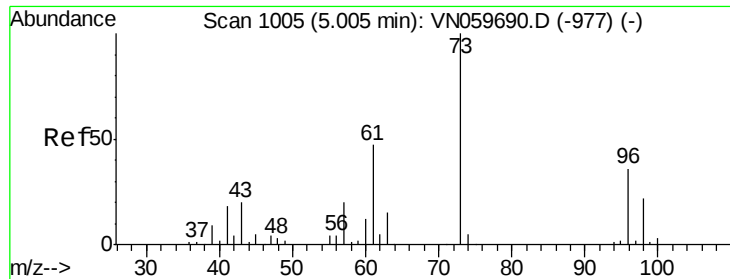
Tgt Ion: 76 Resp: 102237
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 20.407 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion: 43 Resp: 51272
Ion Ratio Lower Upper
43 100
74 26.5 17.5 26.3#

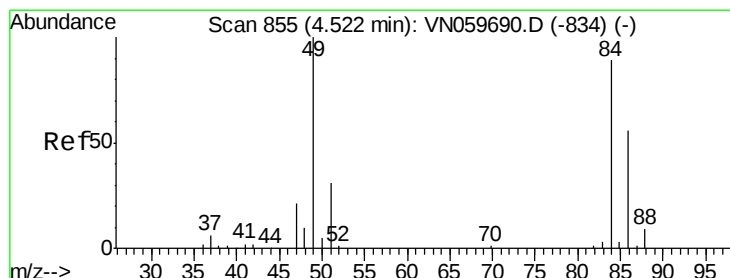
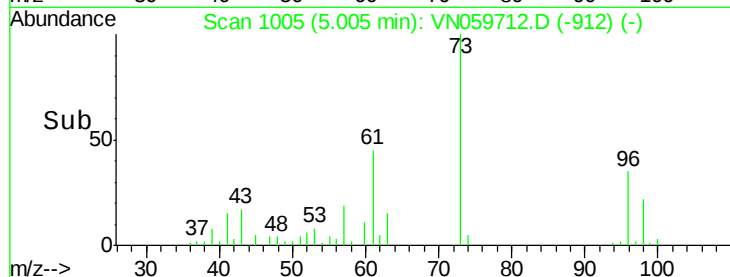
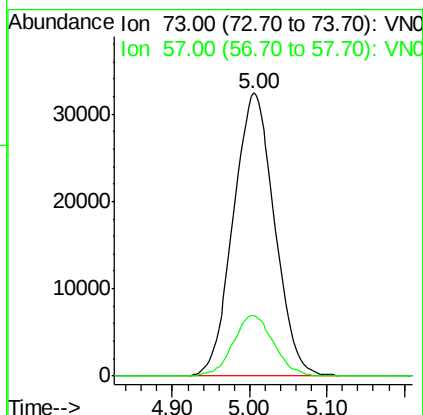
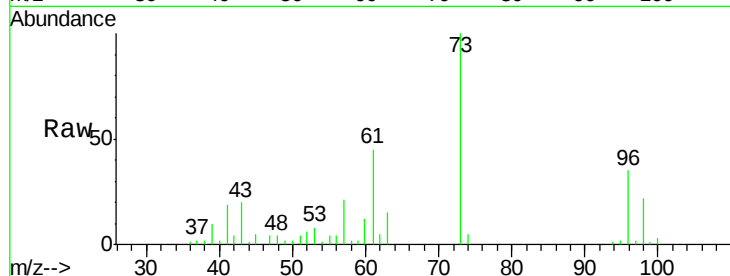




#19
Methyl tert-butyl Ether
Concen: 20.801 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

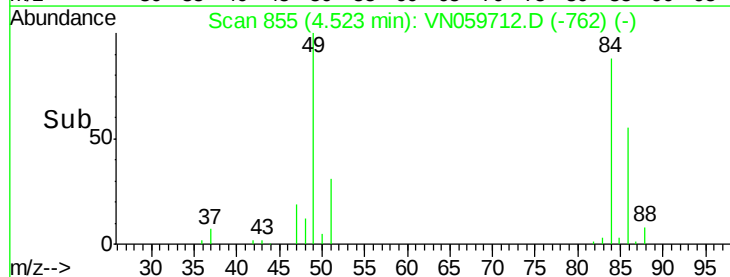
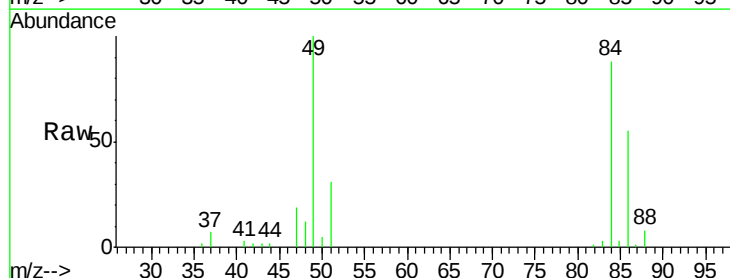
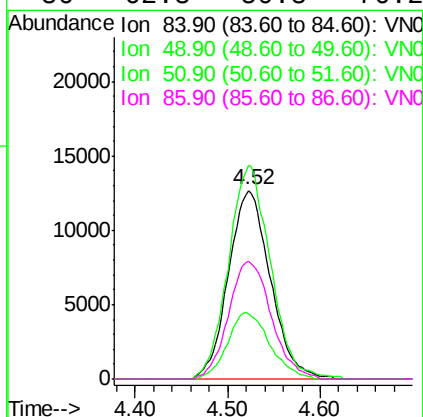
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

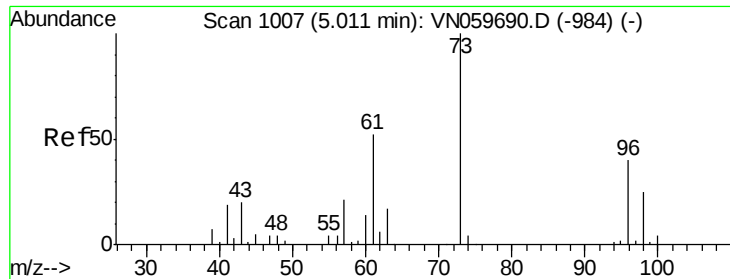
Tgt Ion: 73 Resp: 120177
Ion Ratio Lower Upper
73 100
57 21.4 18.6 27.8



#20
Methylene Chloride
Concen: 19.640 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion: 84 Resp: 39750
Ion Ratio Lower Upper
84 100
49 113.5 106.6 160.0
51 34.8 31.9 47.9
86 62.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 20.355 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

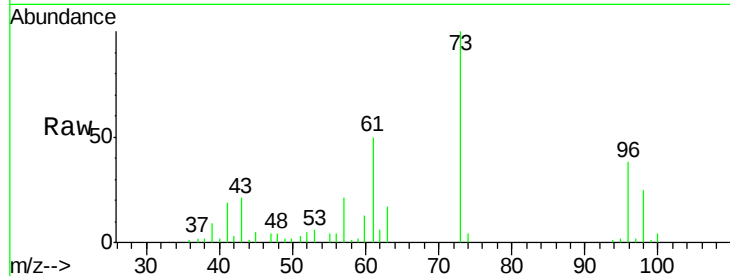
Tgt Ion: 96 Resp: 38342

Ion Ratio Lower Upper

96 100

61 131.6 120.4 180.6

98 64.5 50.6 75.8

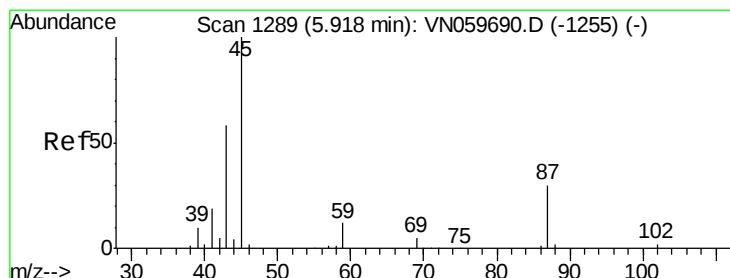
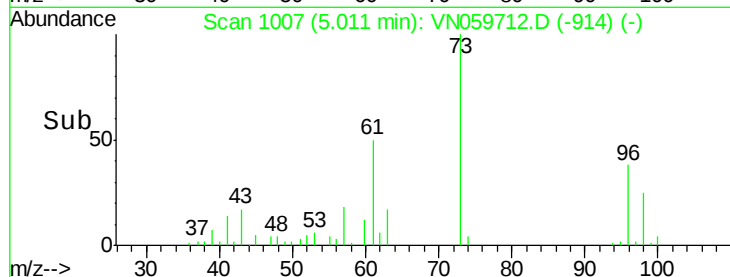
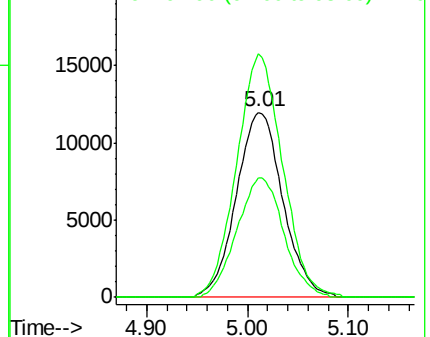


Abundance

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: 20.605 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Tgt Ion: 45 Resp: 111530

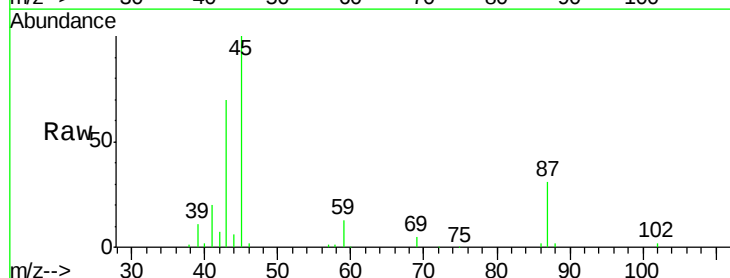
Ion Ratio Lower Upper

45 100

43 67.4 50.8 76.2

87 31.5 21.0 31.6

59 13.2 9.1 13.7



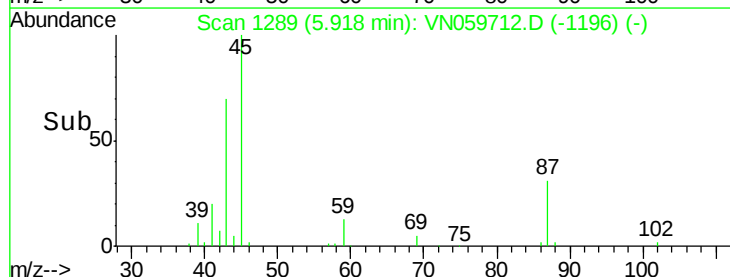
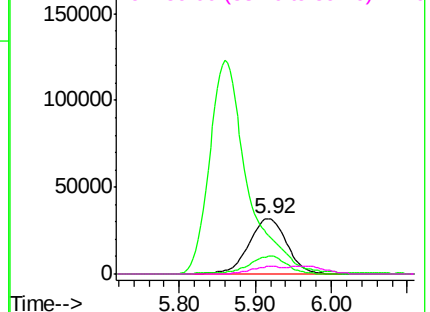
Abundance

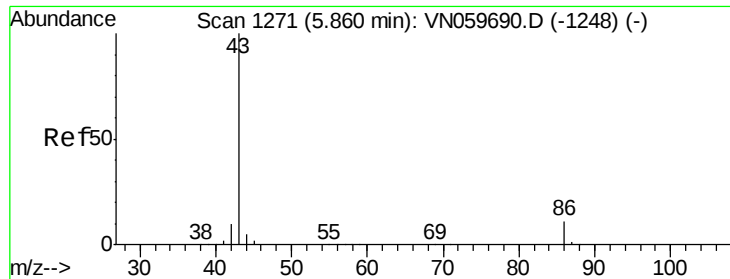
Ion 45.00 (44.70 to 45.70): VN0

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

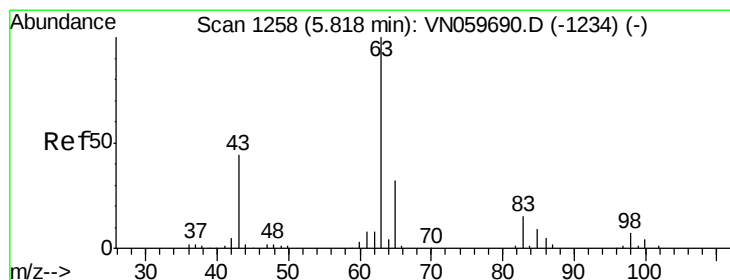
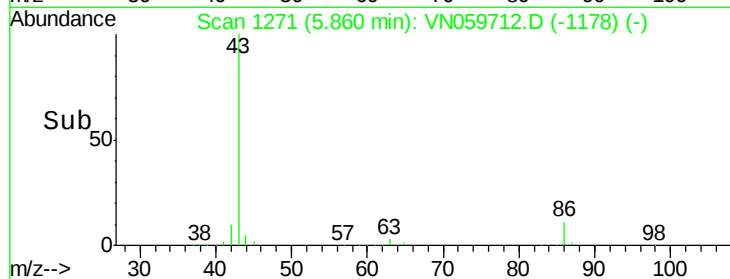
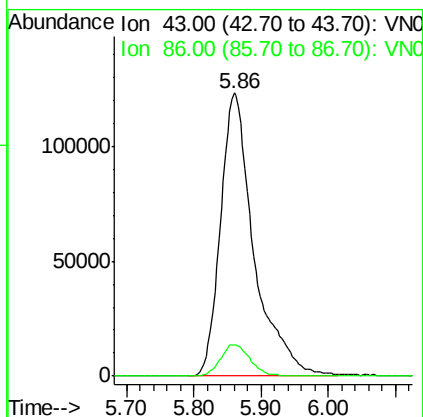
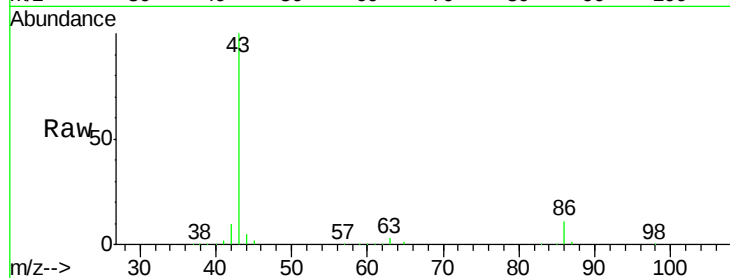




#23
 Vinyl Acetate
 Concen: 101.932 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

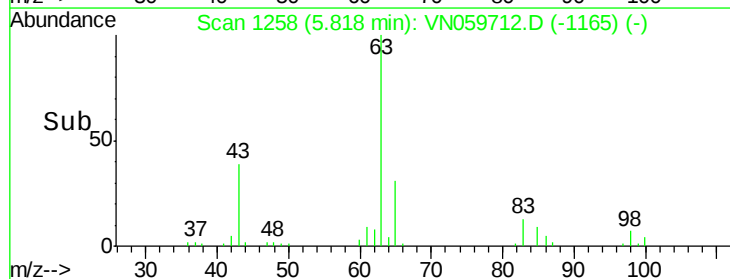
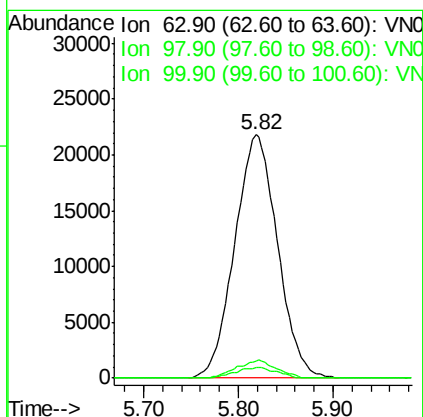
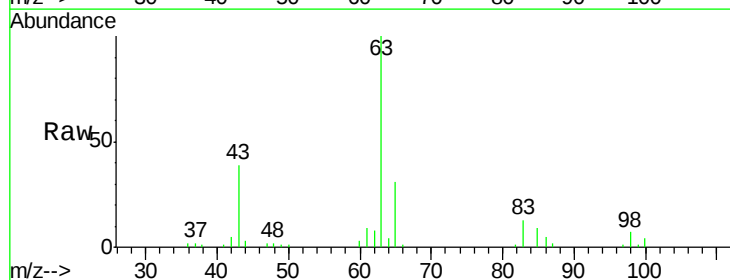
Instrument :
 MSVOA_N
 ClientSampled :
 VN0115WBS01

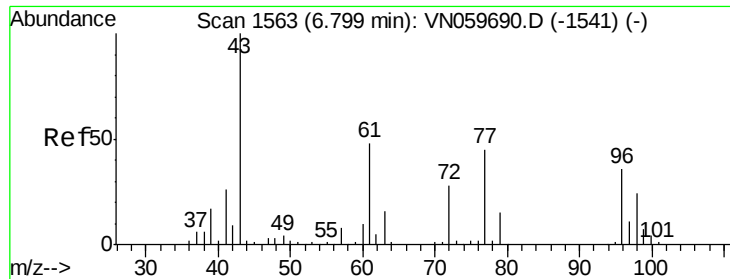
Tgt Ion: 43 Resp: 427174
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 20.663 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion: 63 Resp: 68338
 Ion Ratio Lower Upper
 63 100
 98 7.1 2.9 8.7
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 95.790 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

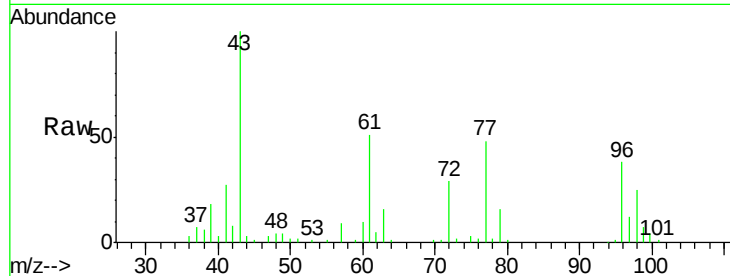
VN0115WBS01

Tgt Ion: 43 Resp: 116678

Ion Ratio Lower Upper

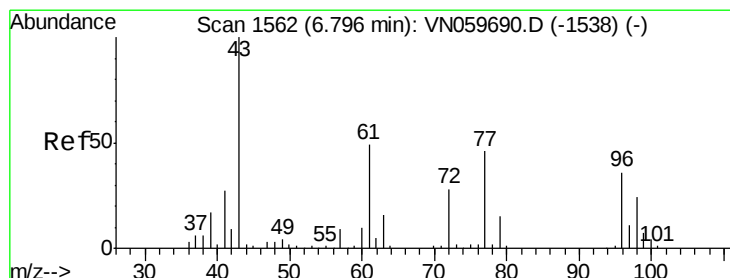
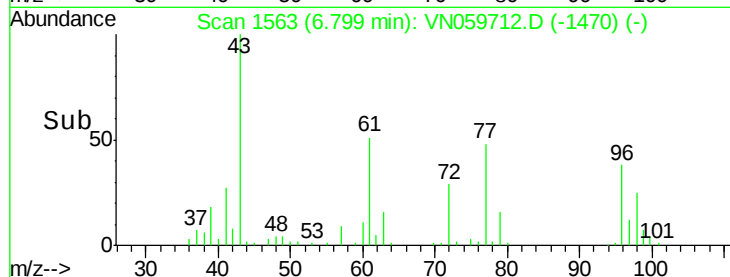
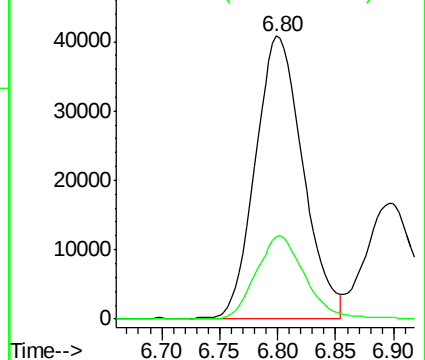
43 100

72 29.0 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: 19.859 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN059712.D

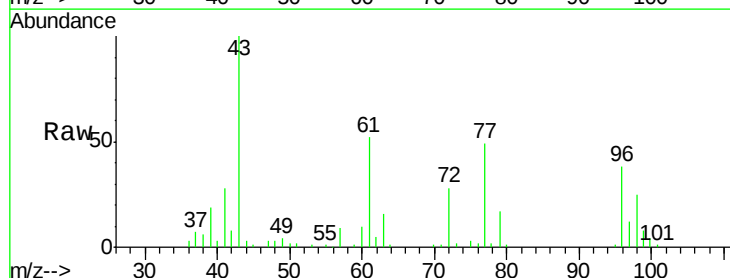
Acq: 15 Jan 2020 11:16

Tgt Ion: 77 Resp: 63142

Ion Ratio Lower Upper

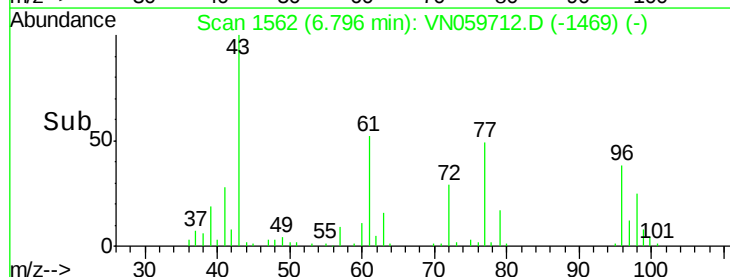
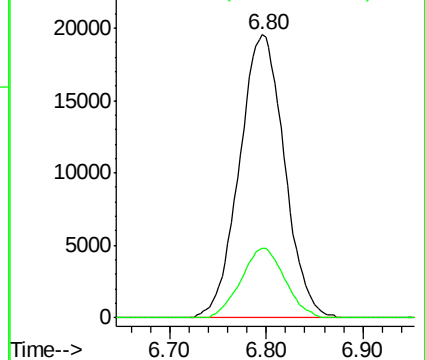
77 100

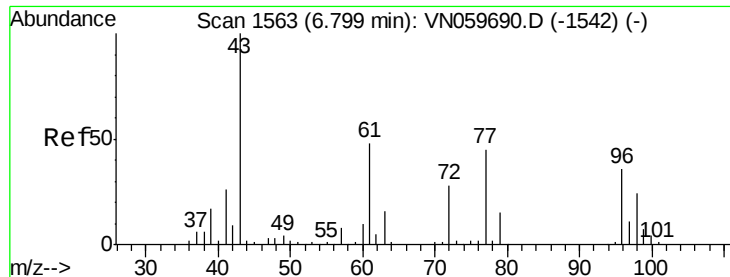
97 24.0 10.7 31.9



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: 20.816 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

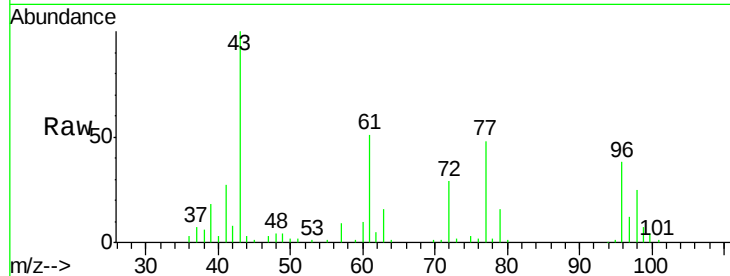
Tgt Ion: 96 Resp: 45098

Ion Ratio Lower Upper

96 100

61 135.9 0.0 317.6

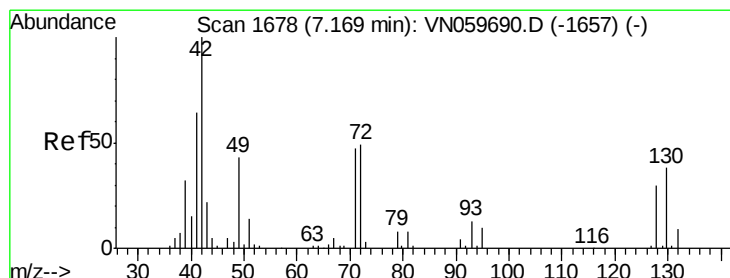
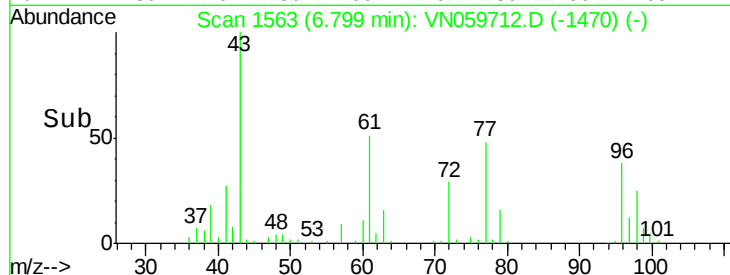
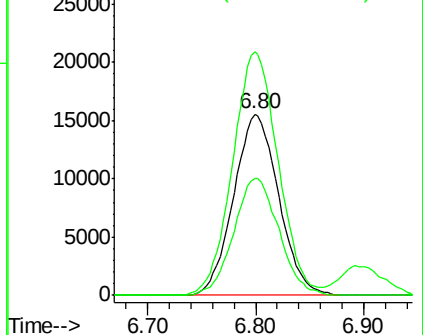
98 64.7 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.214 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

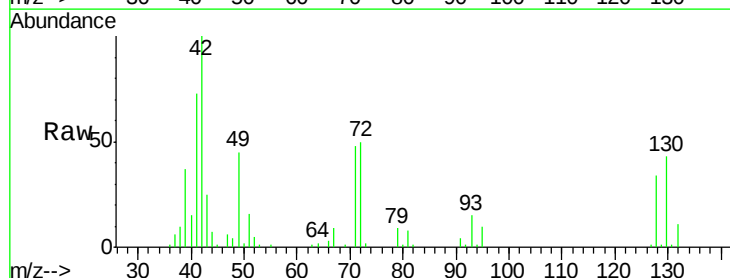
Tgt Ion: 49 Resp: 26721

Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.4

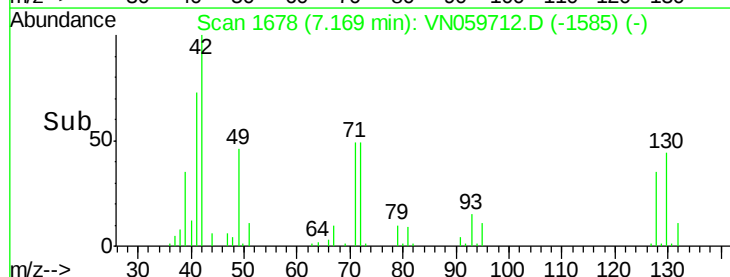
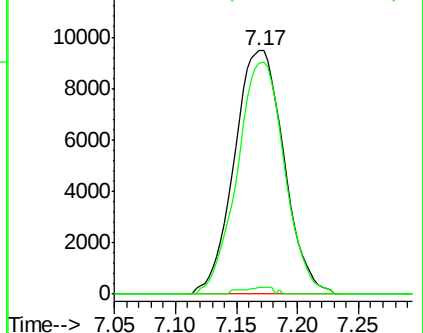
130 90.9 54.7 82.1#

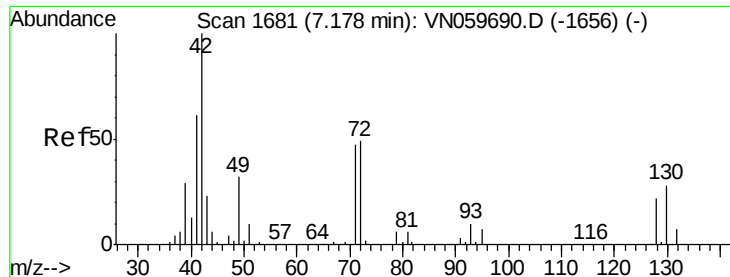


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

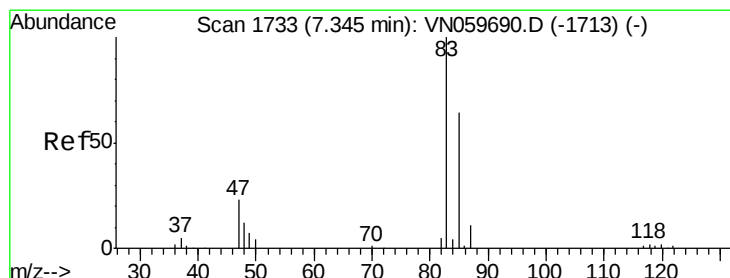
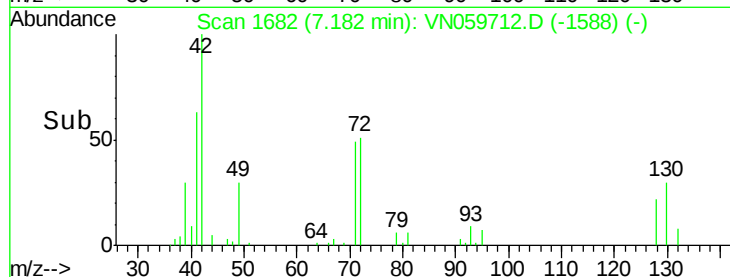
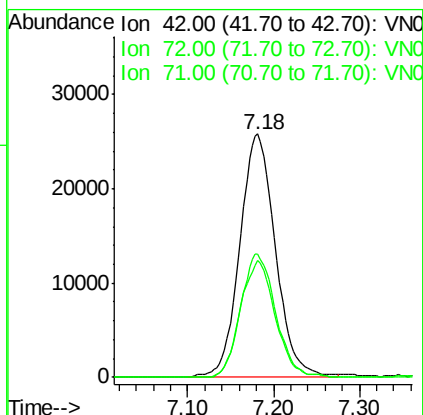
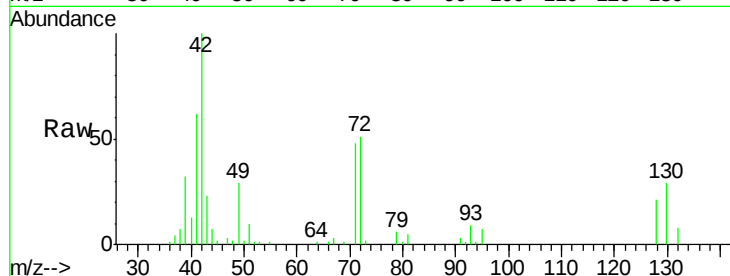




#29
Tetrahydrofuran
Concen: 98.751 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

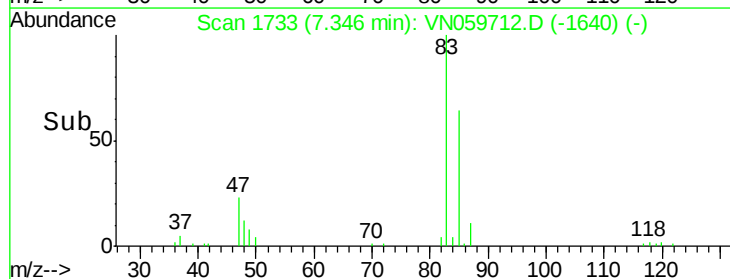
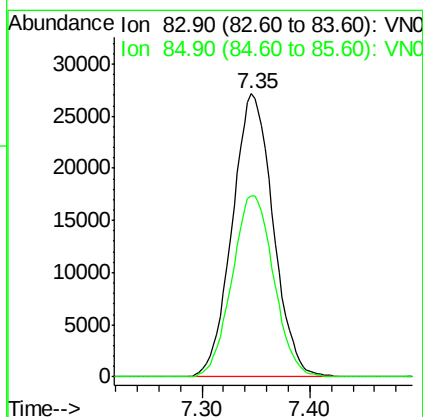
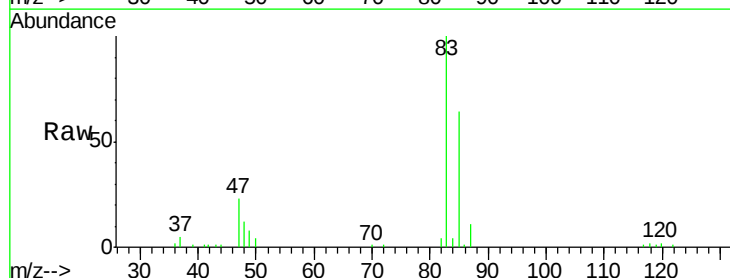
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

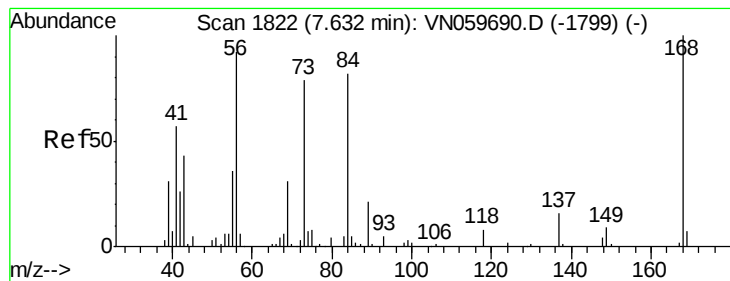
Tgt Ion: 42 Resp: 74423
Ion Ratio Lower Upper
42 100
72 49.9 33.1 49.7#
71 46.8 31.4 47.0



#30
Chloroform
Concen: 20.847 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion: 83 Resp: 71439
Ion Ratio Lower Upper
83 100
85 64.1 52.4 78.6





#31

Cyclohexane

Concen: 19.567 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

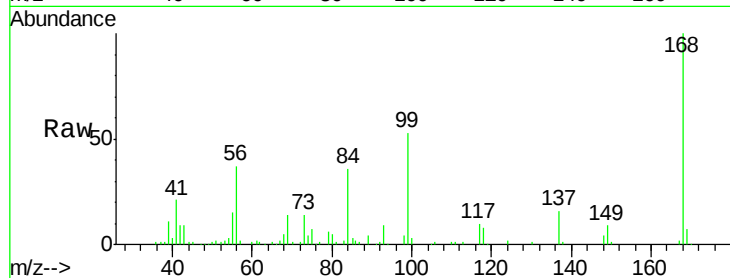
Tgt Ion: 56 Resp: 62270

Ion Ratio Lower Upper

56 100

69 38.7 26.5 39.7

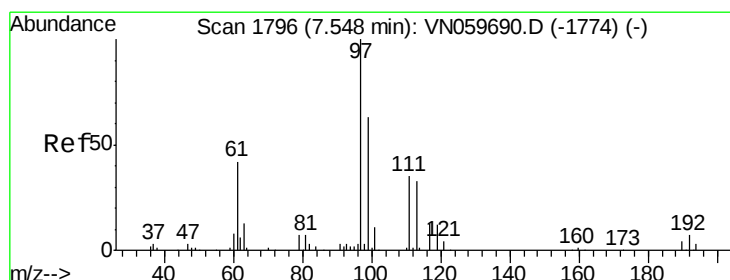
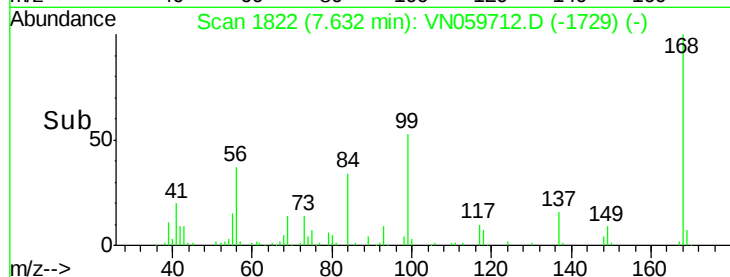
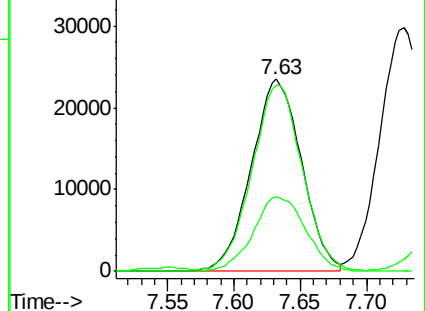
84 95.7 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.914 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

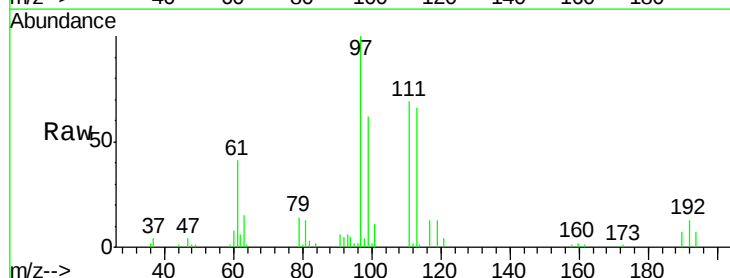
Tgt Ion: 97 Resp: 66266

Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

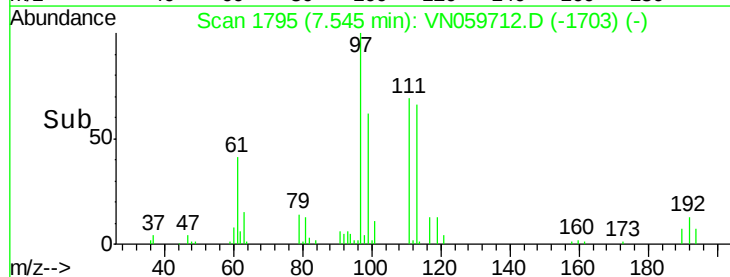
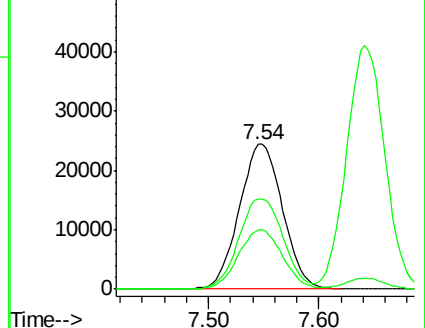
61 41.8 38.5 57.7

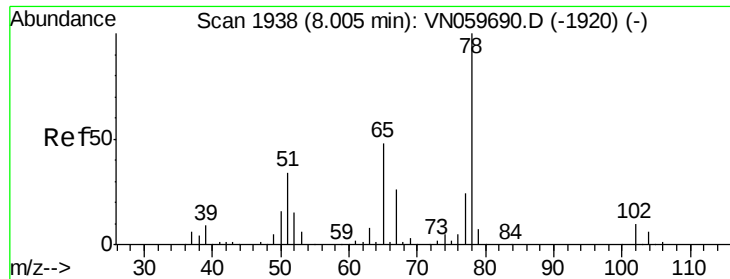


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

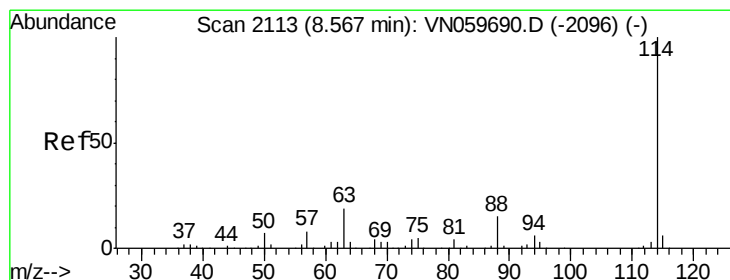
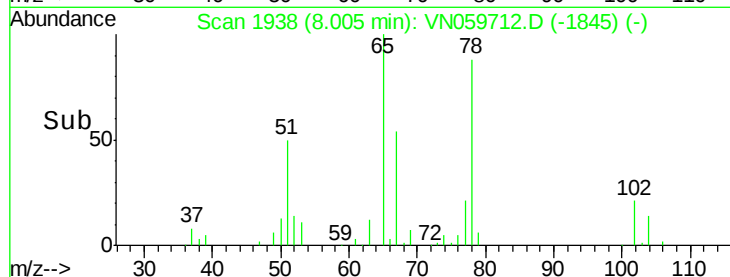
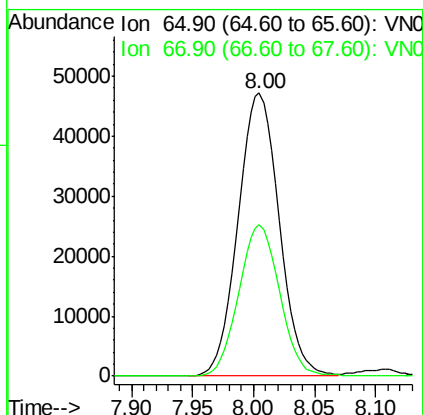
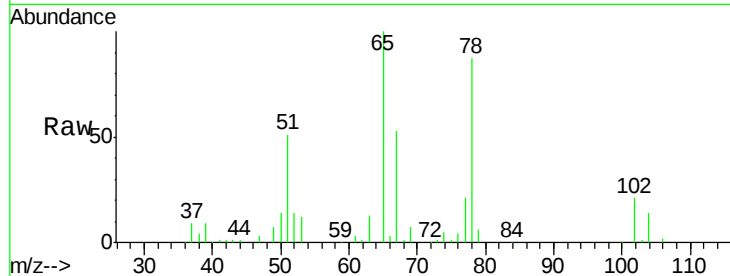




#33
 1,2-Dichloroethane-d4
 Concen: 51.183 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

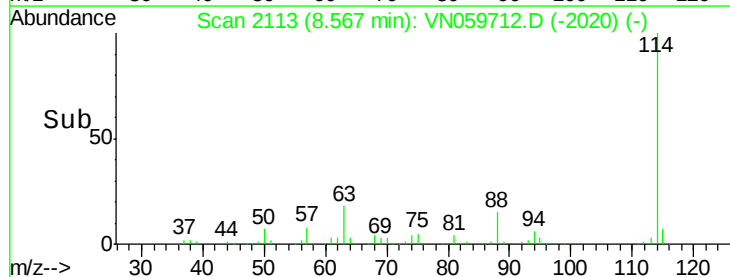
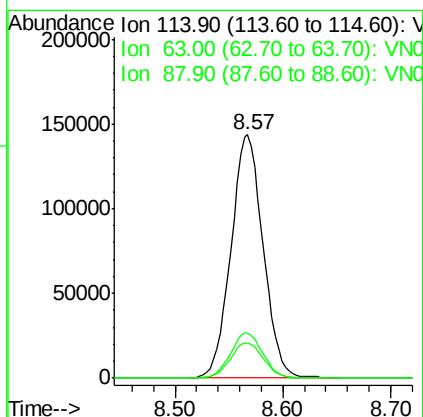
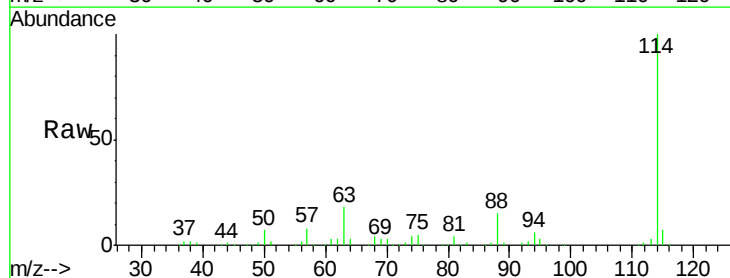
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

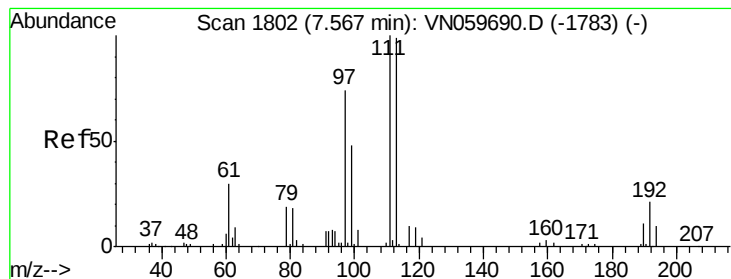
Tgt Ion: 65 Resp: 110092
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion: 114 Resp: 297687
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 43.6
 88 14.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.712 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

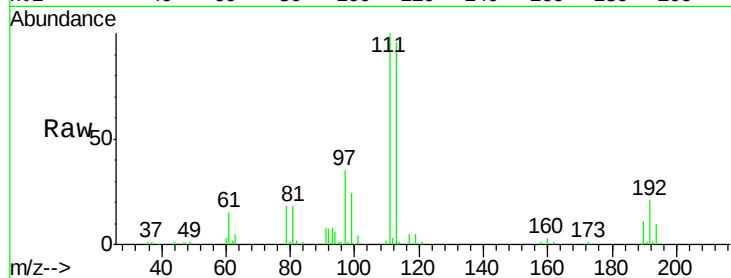
Tgt Ion: 113 Resp: 93576

Ion Ratio Lower Upper

113 100

111 103.6 83.5 125.3

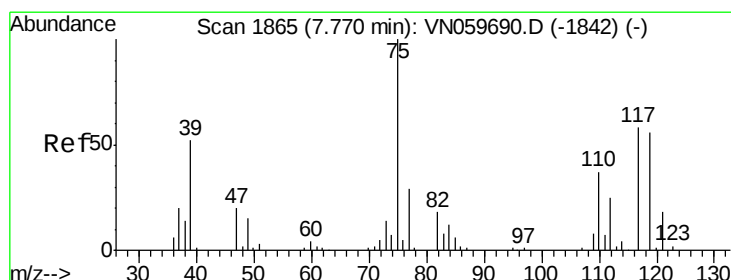
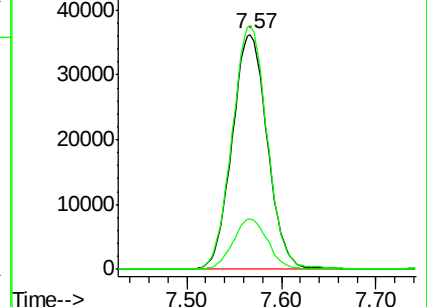
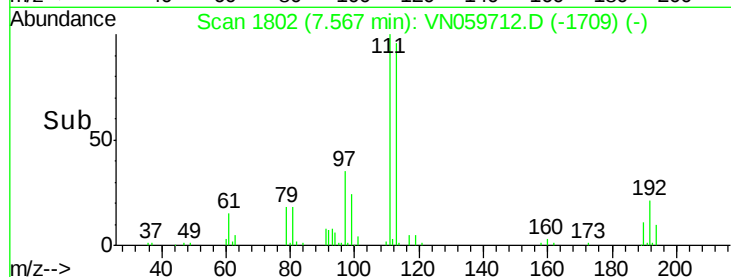
192 21.1 15.4 23.2



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: 20.512 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

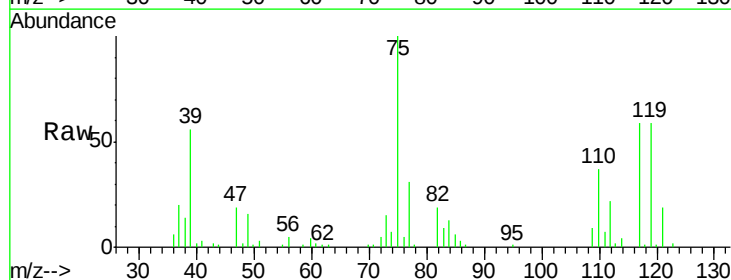
Tgt Ion: 75 Resp: 53175

Ion Ratio Lower Upper

75 100

110 37.9 16.6 49.7

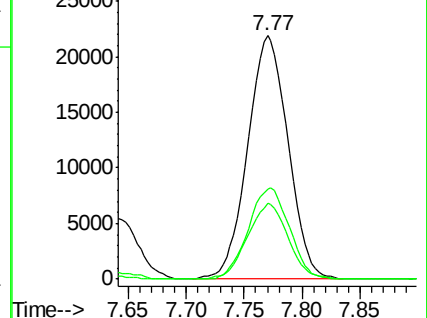
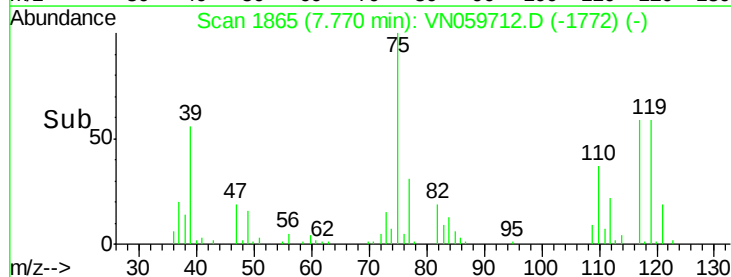
77 31.2 25.1 37.7

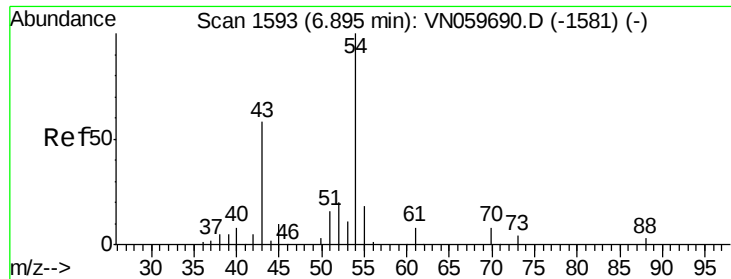


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

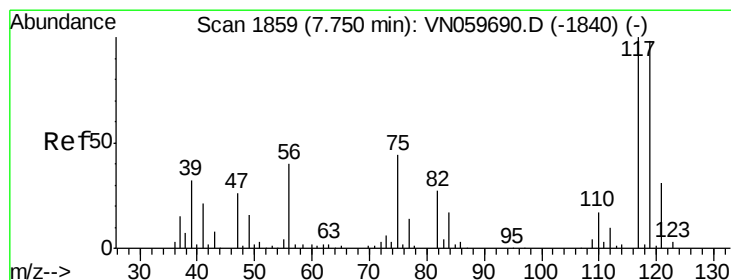
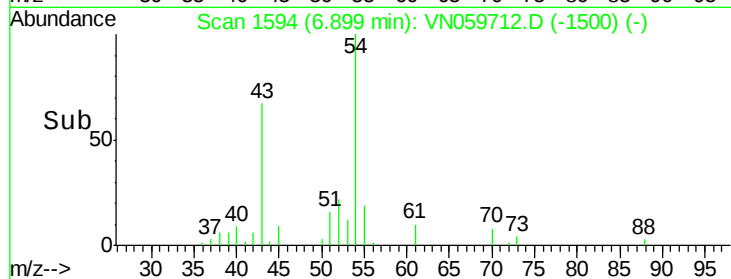
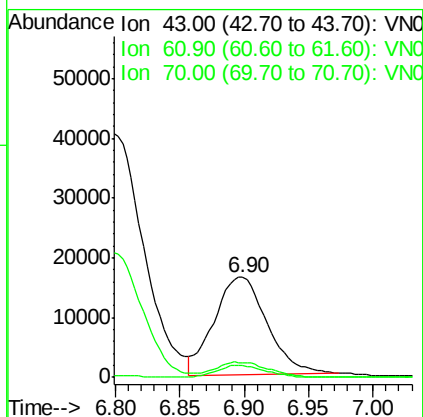
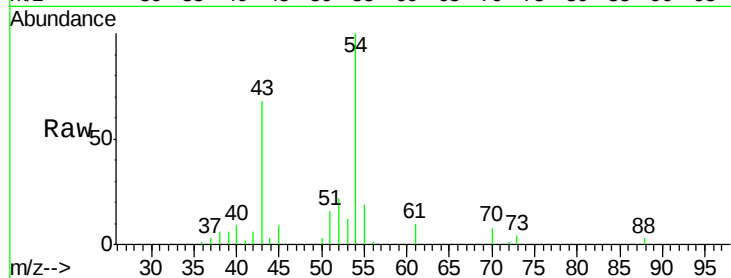




#37
 Ethyl Acetate
 Concen: 19.236 ug/l
 RT: 6.90 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

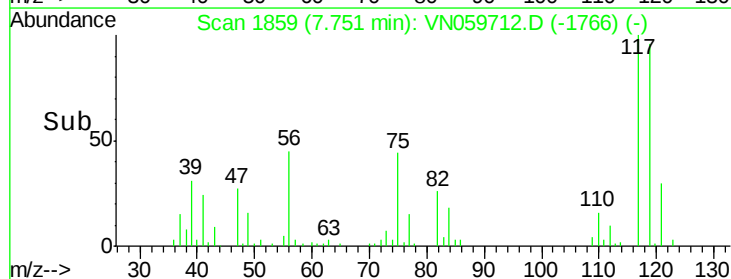
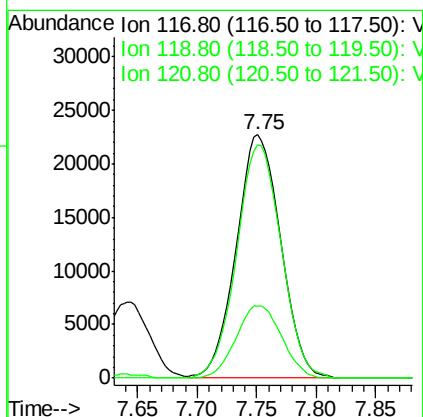
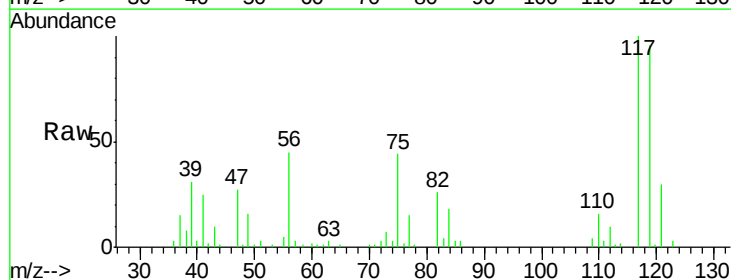
Instrument :
 MSVOA_N
 ClientSampled :
 VN0115WBS01

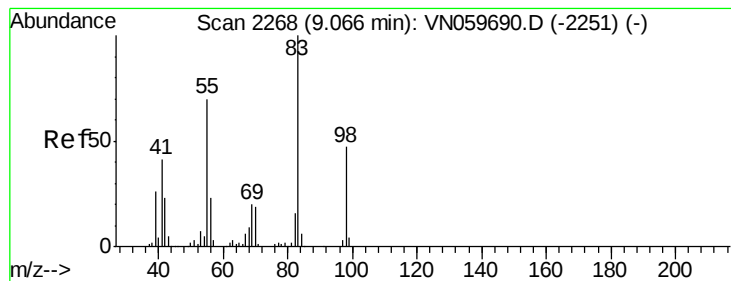
Tgt Ion: 43 Resp: 46770
 Ion Ratio Lower Upper
 43 100
 61 15.7 10.9 16.3
 70 11.1 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 20.871 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion: 117 Resp: 58856
 Ion Ratio Lower Upper
 117 100
 119 95.8 76.5 114.7
 121 29.5 25.1 37.7





#39

Methylcyclohexane

Concen: 20.385 ug/l

RT: 9.07 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

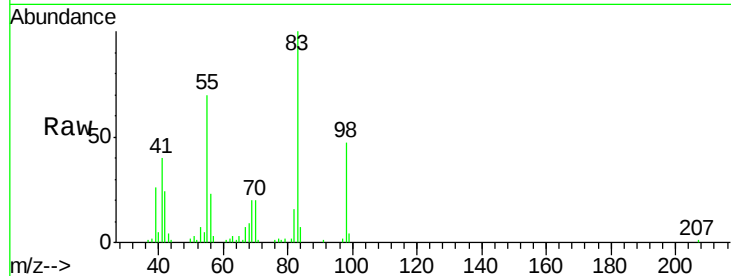
Tgt Ion: 83 Resp: 65161

Ion Ratio Lower Upper

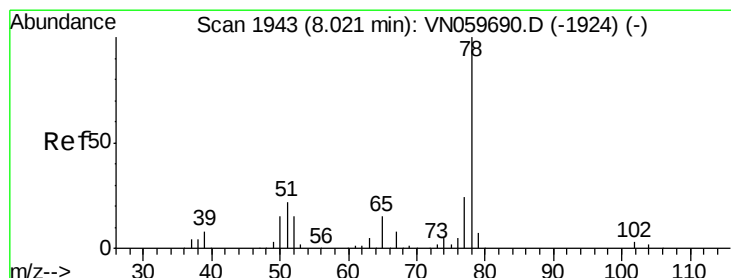
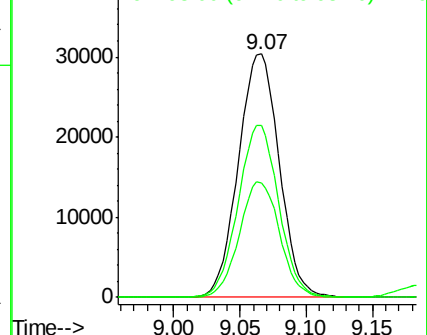
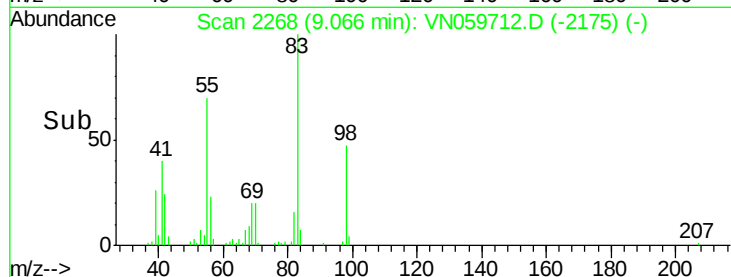
83 100

55 70.4 64.2 96.2

98 46.9 35.9 53.9



Abundance Ion 83.00 (82.70 to 83.70): VN059712.D (-2175) (-)



#40

Benzene

Concen: 20.503 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN059712.D

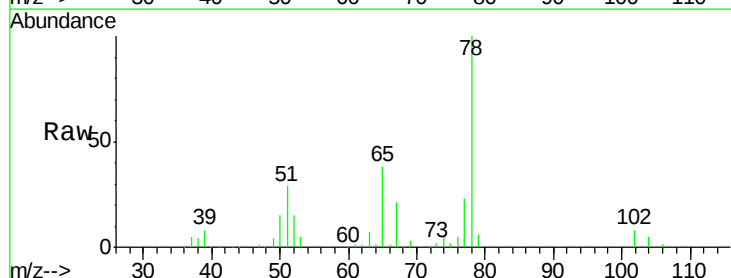
Acq: 15 Jan 2020 11:16

Tgt Ion: 78 Resp: 158517

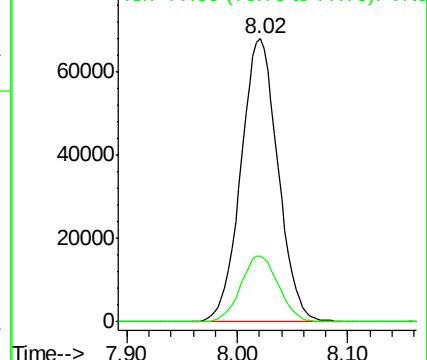
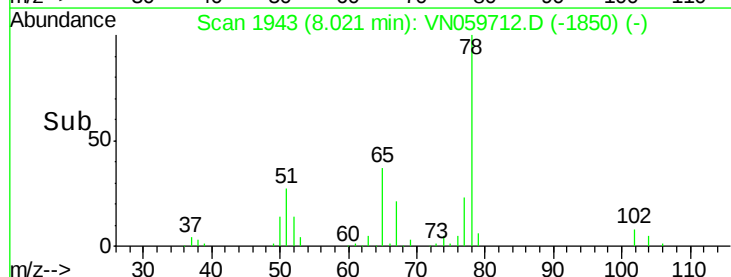
Ion Ratio Lower Upper

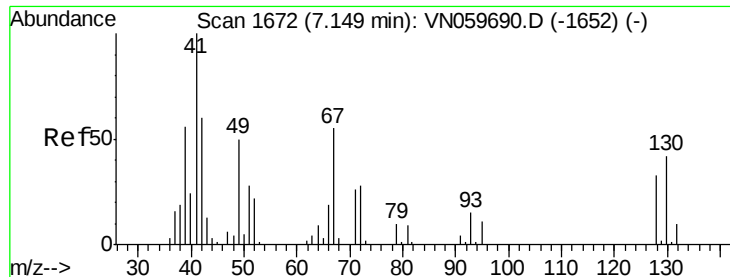
78 100

77 23.3 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN059712.D (-1850) (-)





#41

Methacrylonitrile

Concen: 58.707 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.03 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

Tgt Ion: 41 Resp: 70308

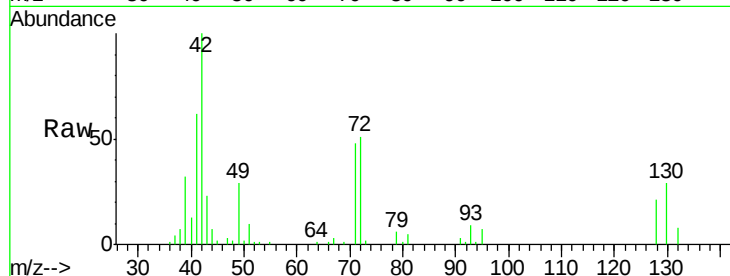
Ion Ratio Lower Upper

41 100

39 53.3 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

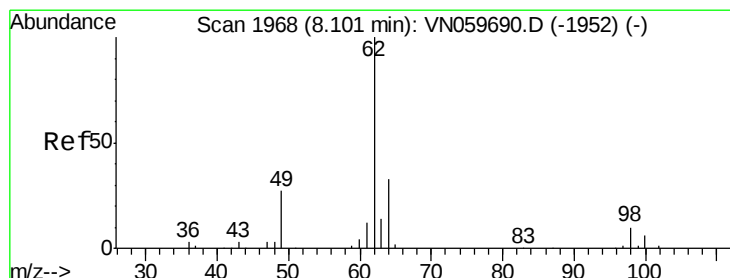
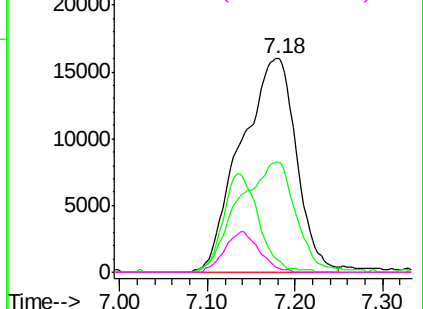
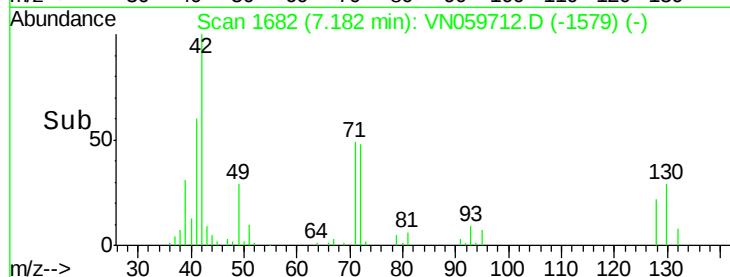


Abundance Ion 41.00 (40.70 to 41.70): VN0

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: 20.926 ug/l

RT: 8.10 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VN059712.D

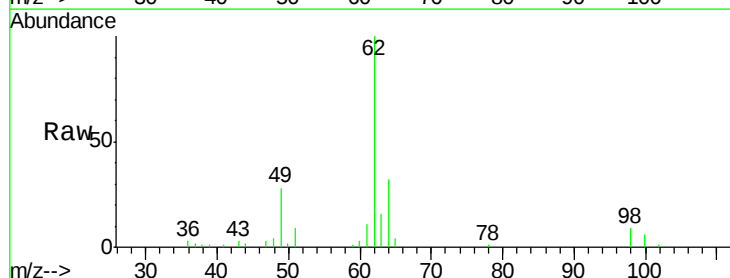
Acq: 15 Jan 2020 11:16

Tgt Ion: 62 Resp: 54853

Ion Ratio Lower Upper

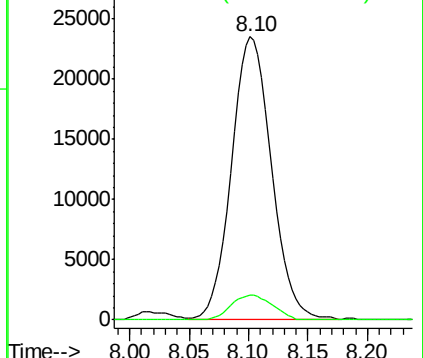
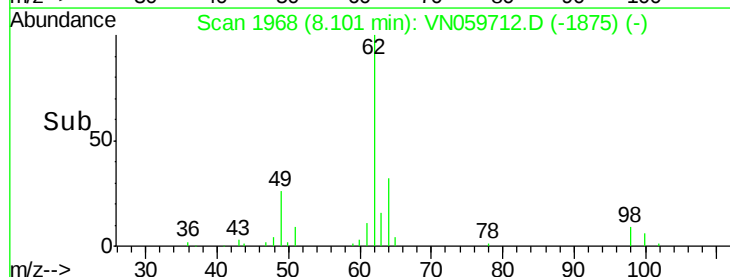
62 100

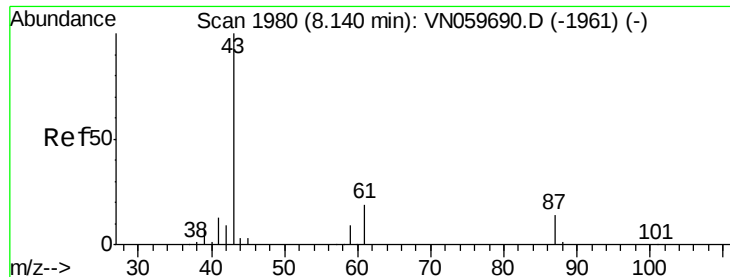
98 9.0 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

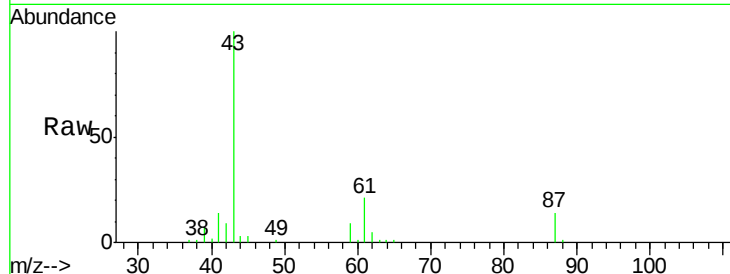




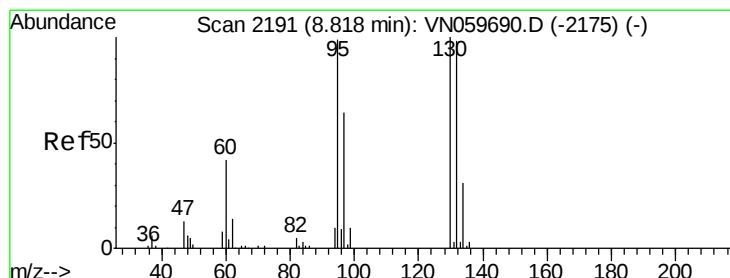
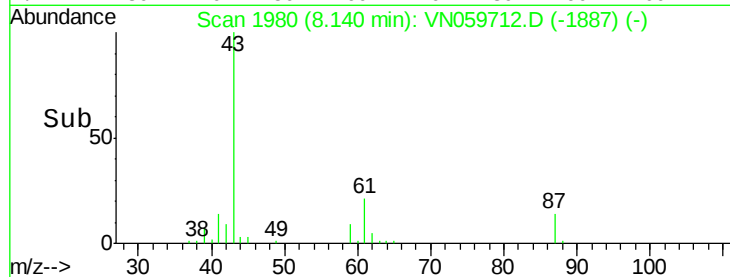
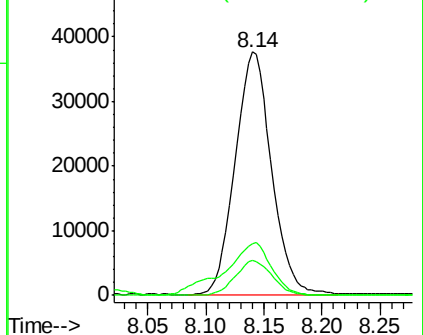
#43
Isopropyl Acetate
Concen: 19.710 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

Tgt Ion: 43 Resp: 82428
Ion Ratio Lower Upper
43 100
61 27.8 20.2 30.2
87 14.3 9.5 14.3#

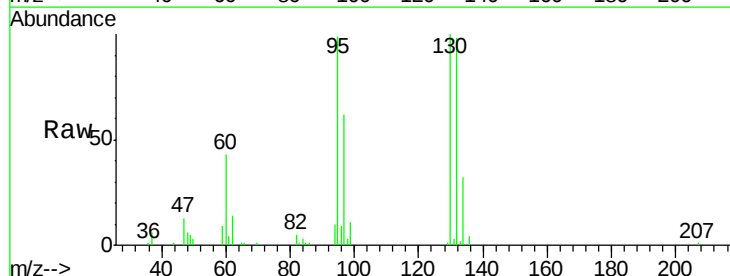


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

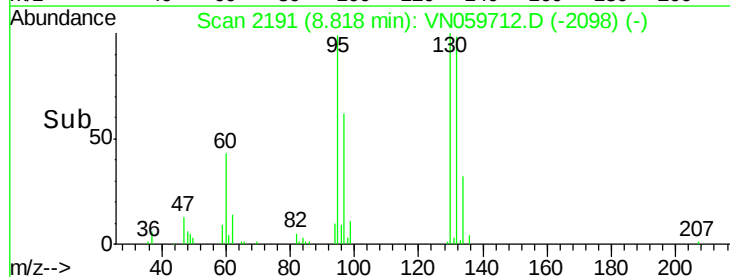
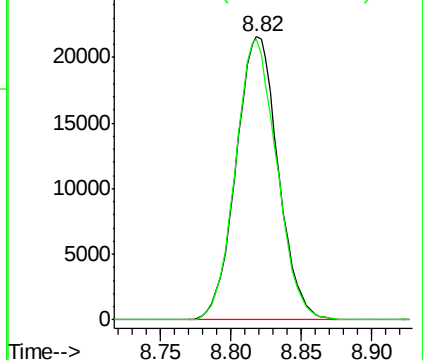


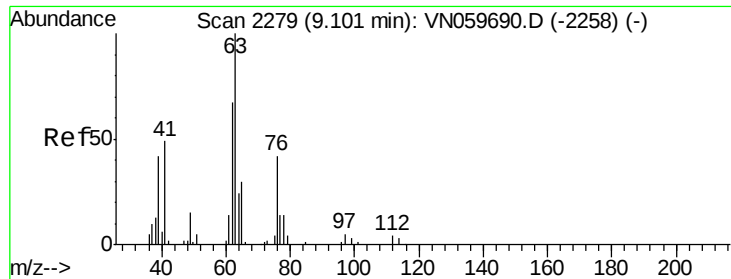
#44
Trichloroethene
Concen: 21.351 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion:130 Resp: 45063
Ion Ratio Lower Upper
130 100
95 99.3 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 20.944 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

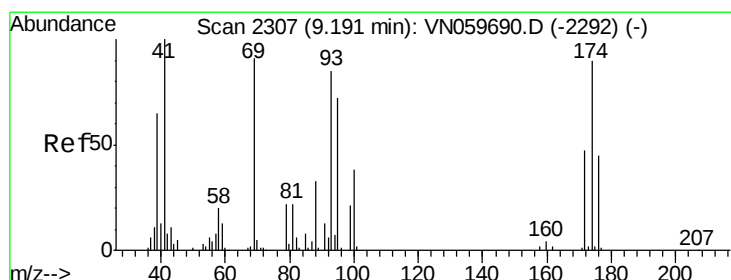
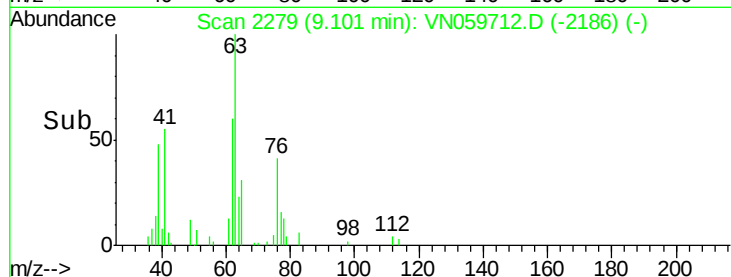
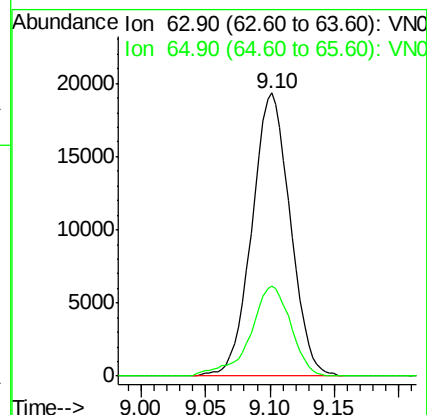
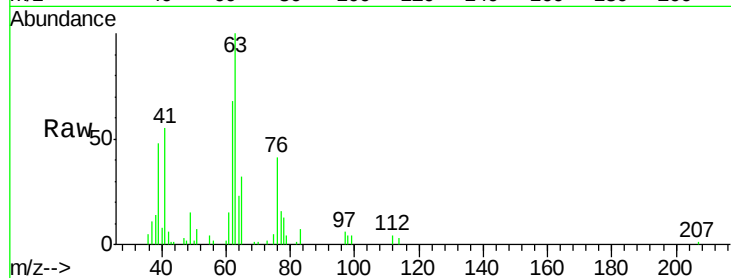
VN0115WBS01

Tgt Ion: 63 Resp: 40069

Ion Ratio Lower Upper

63 100

65 31.9 24.9 37.3



#46

Dibromomethane

Concen: 20.932 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

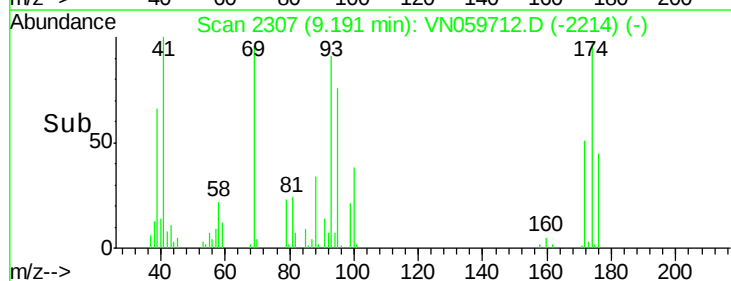
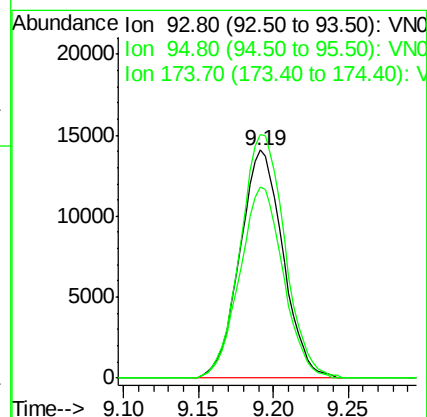
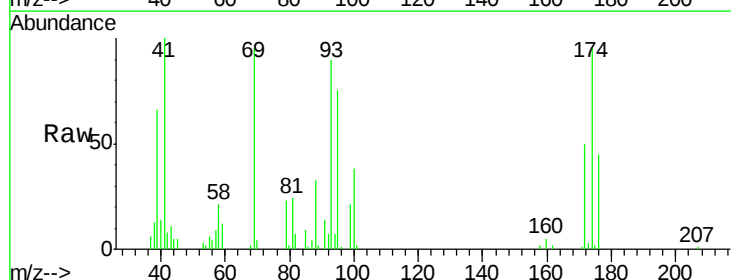
Tgt Ion: 93 Resp: 28249

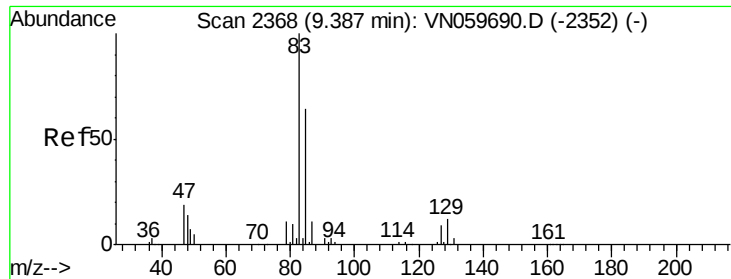
Ion Ratio Lower Upper

93 100

95 84.6 67.0 100.6

174 110.1 73.4 110.2

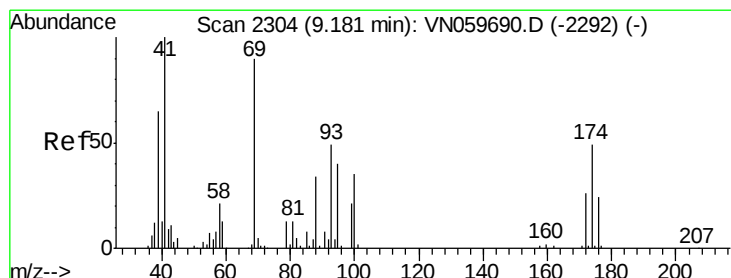
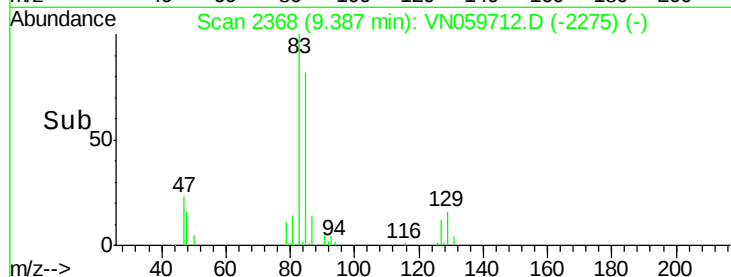
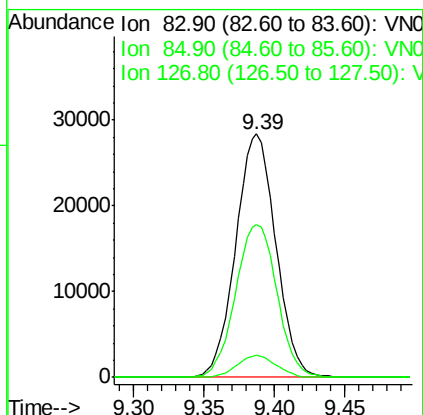
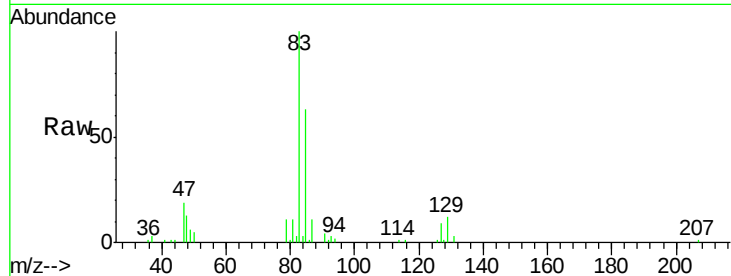




#47
 Bromodichloromethane
 Concen: 20.754 ug/l
 RT: 9.39 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

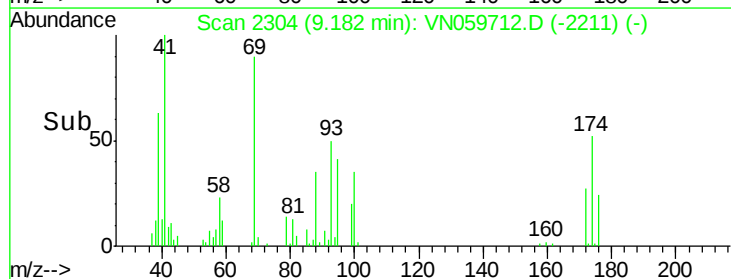
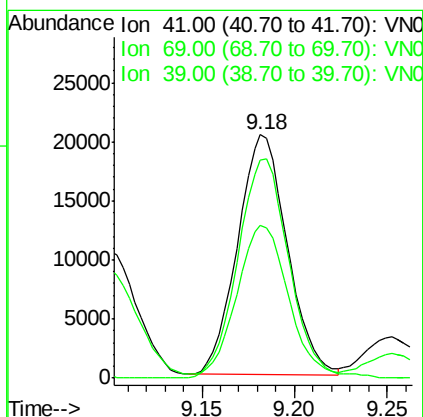
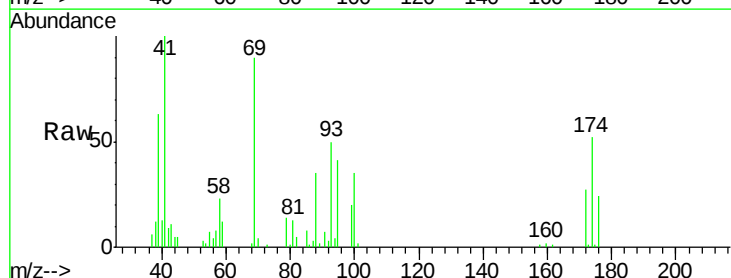
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

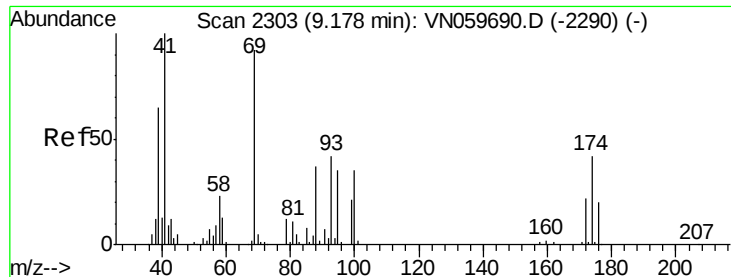
Tgt Ion: 83 Resp: 56442
 Ion Ratio Lower Upper
 83 100
 85 62.8 51.1 76.7
 127 9.0 6.6 9.8



#48
 Methyl methacrylate
 Concen: 20.129 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion: 41 Resp: 37654
 Ion Ratio Lower Upper
 41 100
 69 94.6 64.4 96.6
 39 66.3 51.3 76.9

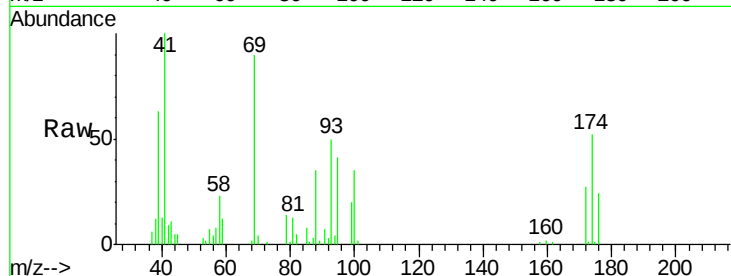




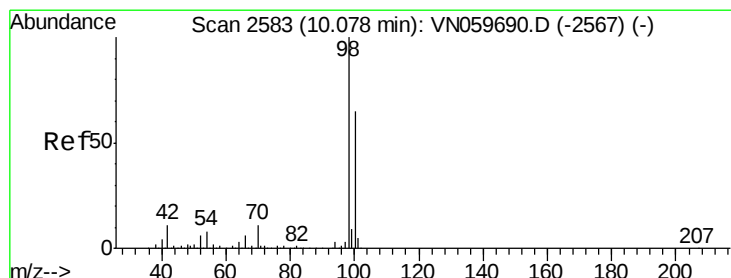
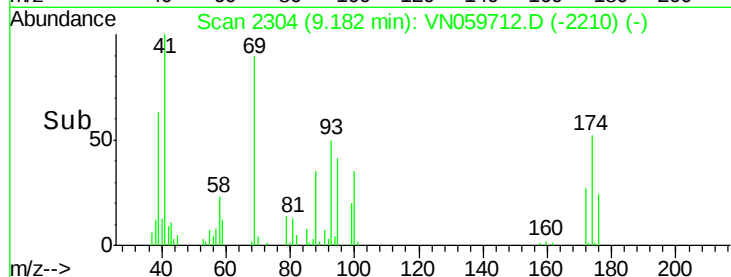
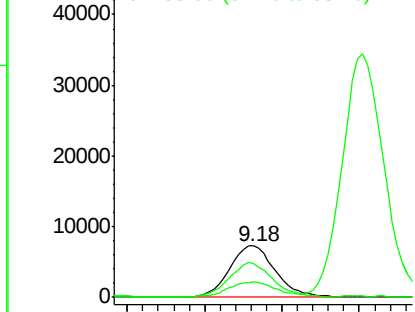
#49
1,4-Dioxane
Concen: 435.655 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

Tgt Ion: 88 Resp: 14919
Ion Ratio Lower Upper
88 100
43 31.6 29.7 44.5
58 64.6 56.6 85.0

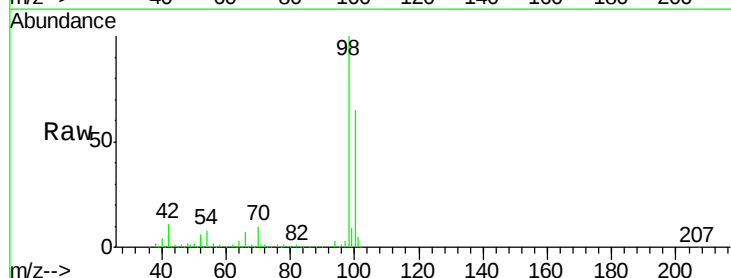


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

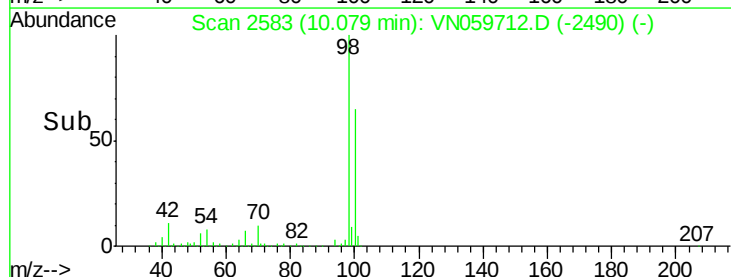
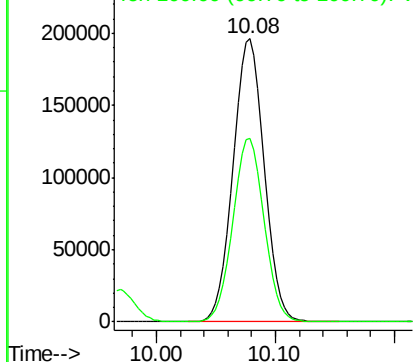


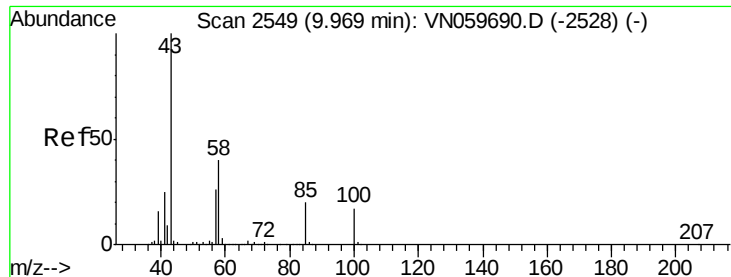
#50
Toluene-d8
Concen: 51.835 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion: 98 Resp: 356530
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8



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

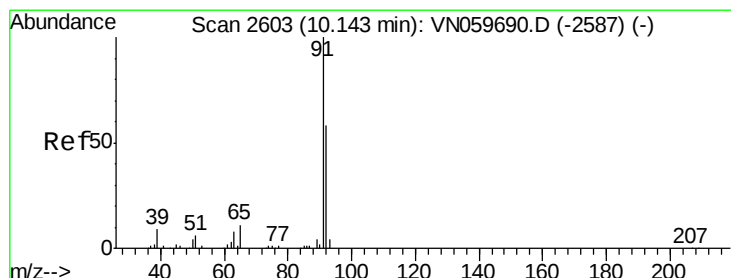
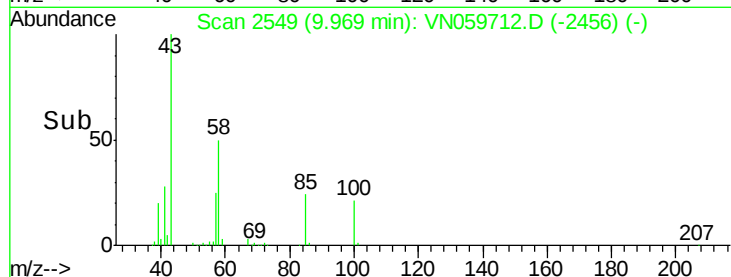
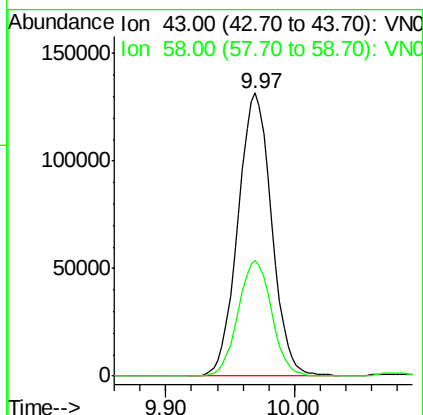
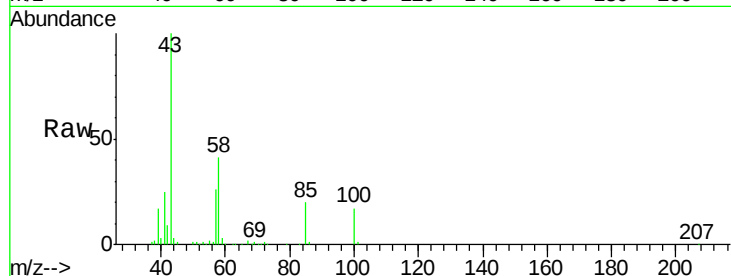




#51
 4-Methyl-2-Pentanone
 Concen: 98.977 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

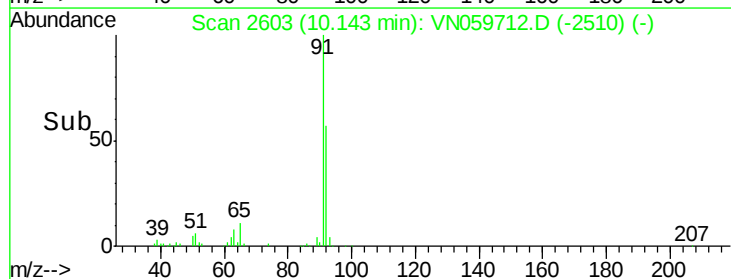
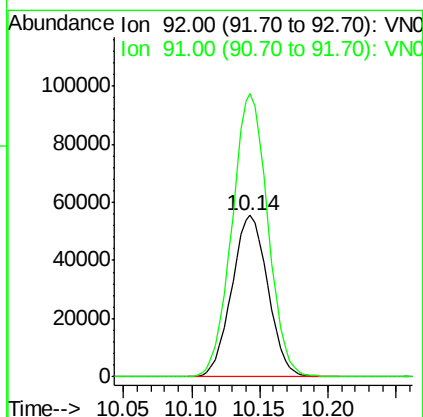
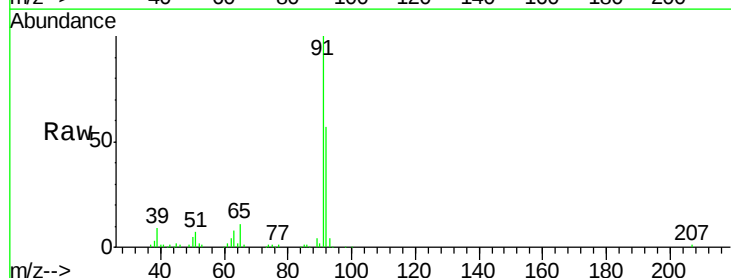
Instrument :
 MSVOA_N
 ClientSampled :
 VN0115WBS01

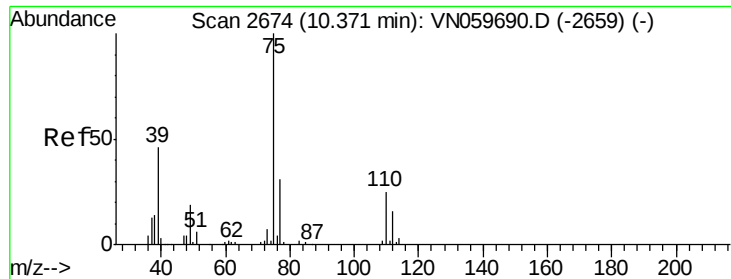
Tgt Ion: 43 Resp: 239284
 Ion Ratio Lower Upper
 43 100
 58 40.8 29.8 44.8



#52
 Toluene
 Concen: 20.913 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion: 92 Resp: 102127
 Ion Ratio Lower Upper
 92 100
 91 173.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.160 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

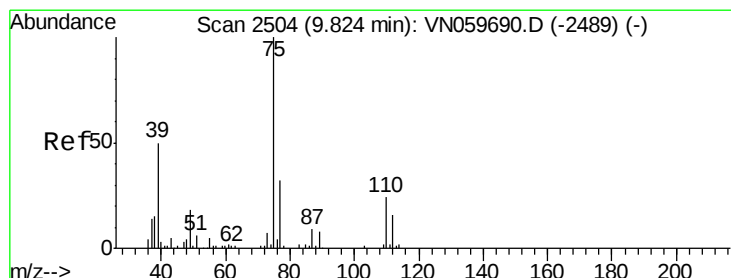
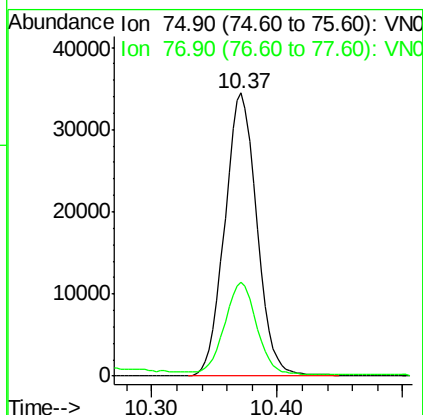
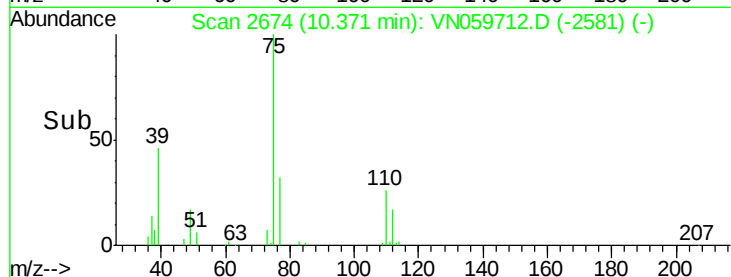
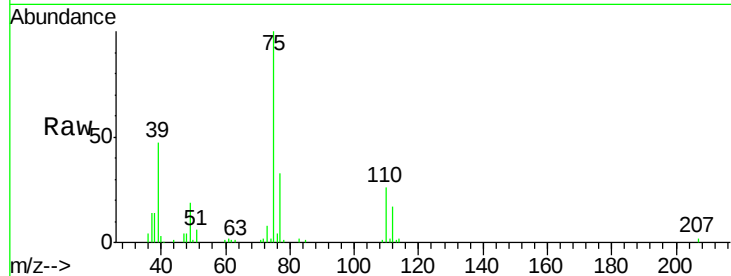
VN0115WBS01

Tgt Ion: 75 Resp: 61219

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.112 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

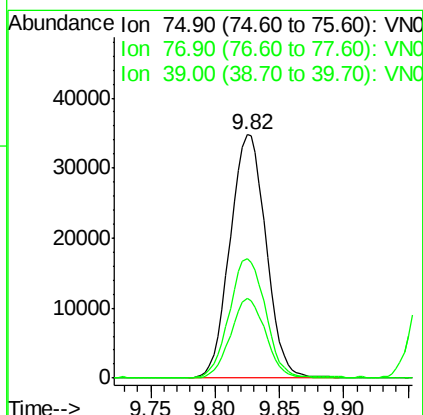
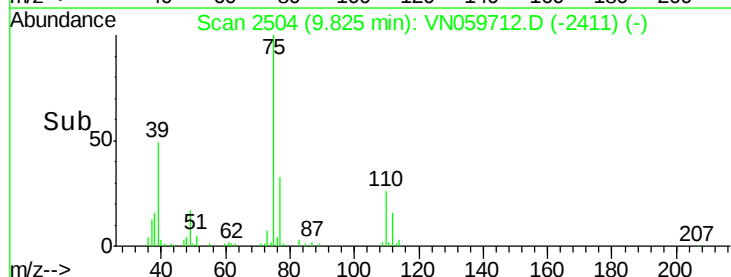
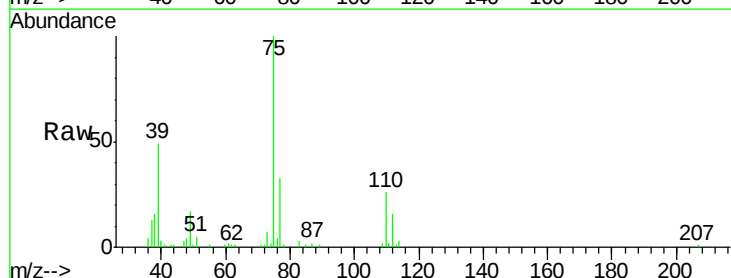
Tgt Ion: 75 Resp: 67454

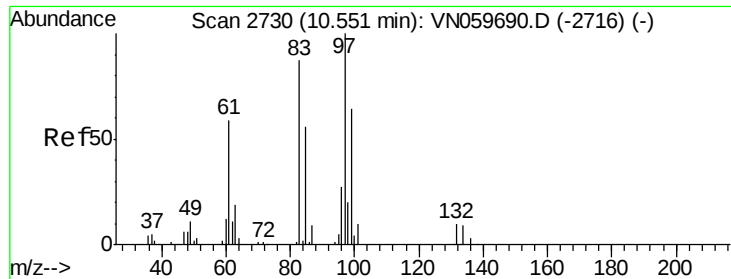
Ion Ratio Lower Upper

75 100

77 32.5 25.1 37.7

39 49.2 46.1 69.1

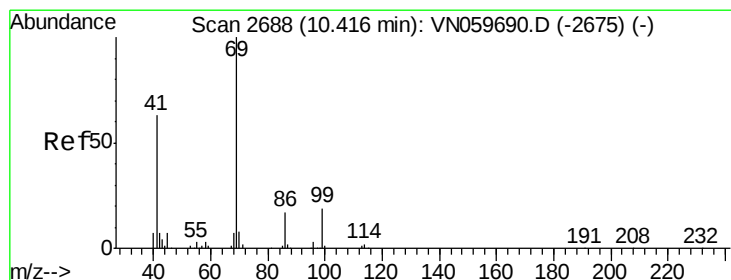
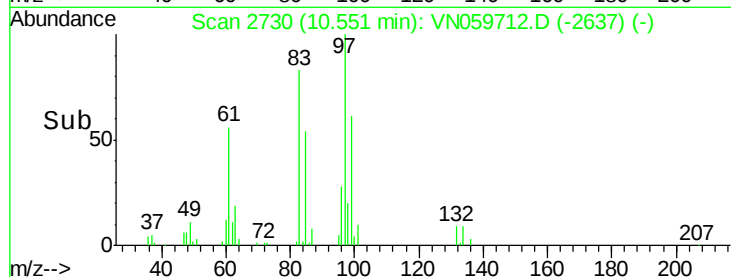
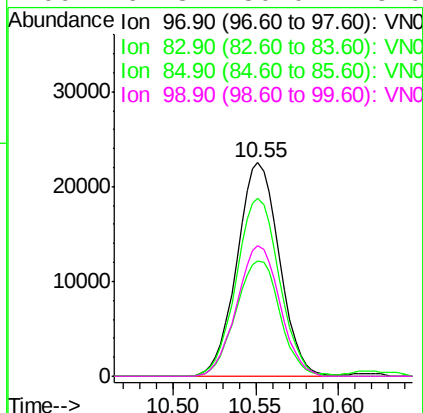
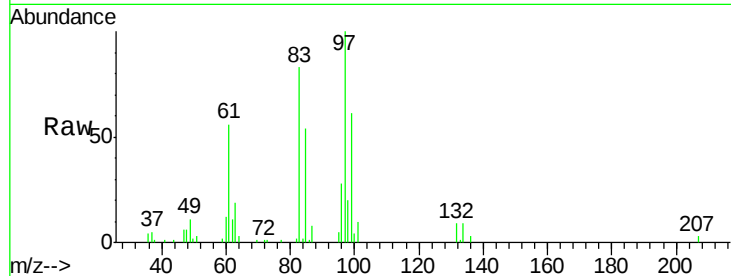




#55
 1,1,2-Trichloroethane
 Concen: 20.746 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

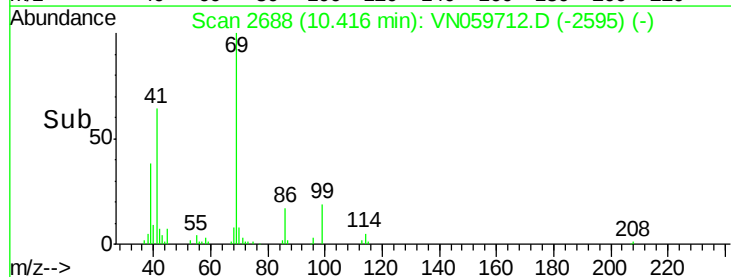
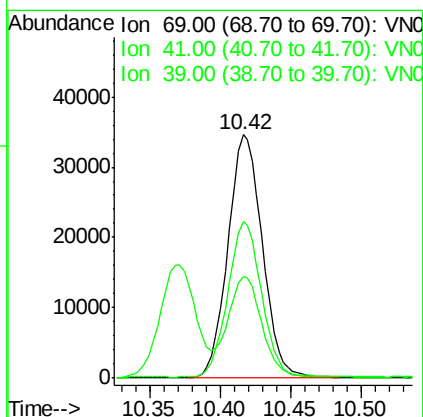
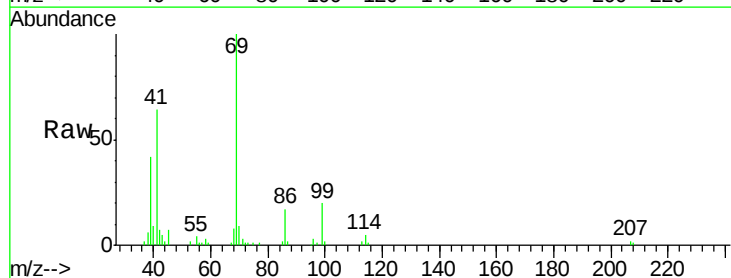
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

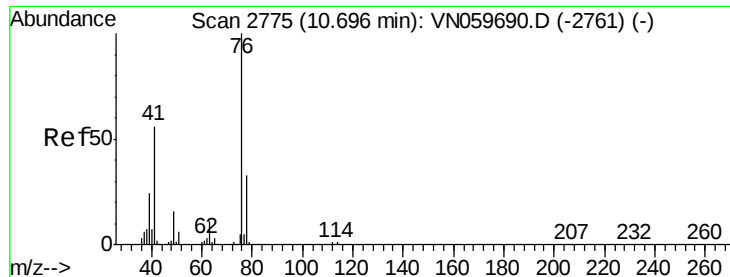
Tgt Ion:	97	Resp:	40126
Ion	Ratio	Lower	Upper
97	100		
83	83.4	71.3	106.9
85	54.1	45.8	68.8
99	61.3	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 20.016 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion:	69	Resp:	59156
Ion	Ratio	Lower	Upper
69	100		
41	64.5	57.1	85.7
39	40.7	34.7	52.1





#57

1,3-Dichloropropane

Concen: 21.209 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

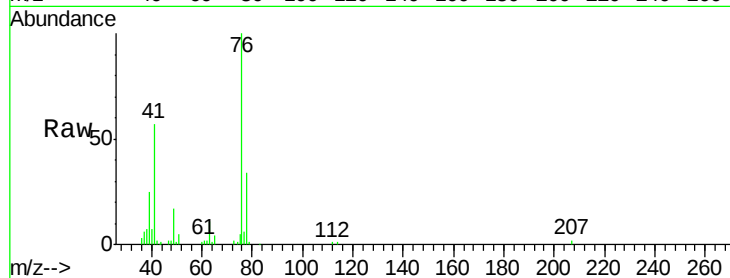
VN0115WBS01

Tgt Ion: 76 Resp: 65125

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

40000

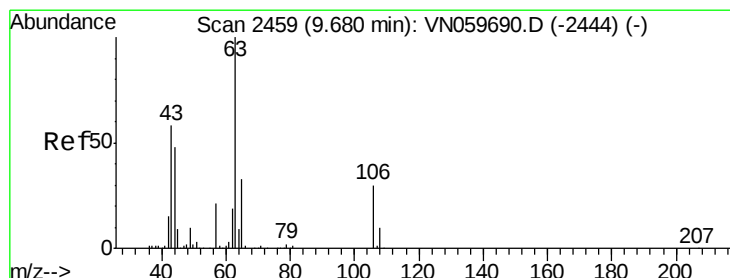
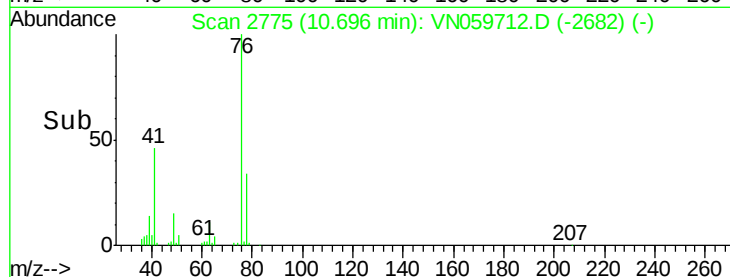
30000

20000

10000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 114.790 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059712.D

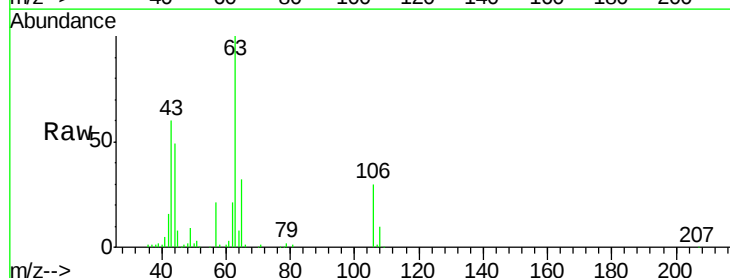
Acq: 15 Jan 2020 11:16

Tgt Ion: 63 Resp: 102183

Ion Ratio Lower Upper

63 100

106 29.6 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

60000

50000

40000

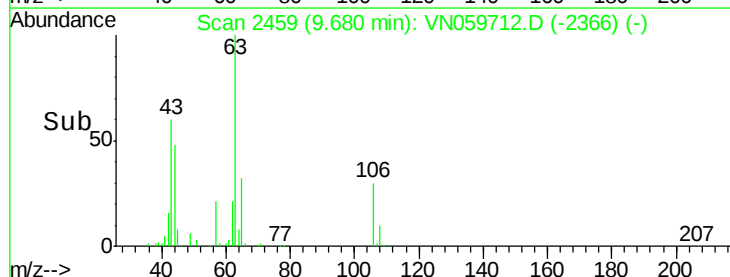
30000

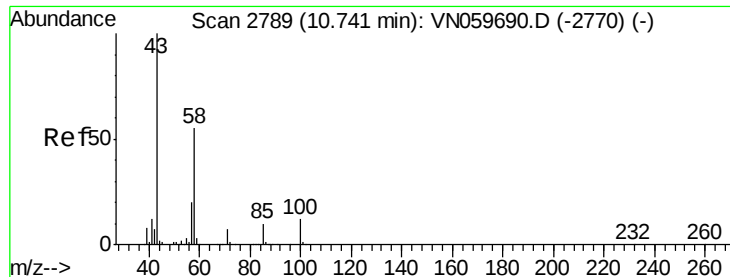
20000

10000

0

Time-->

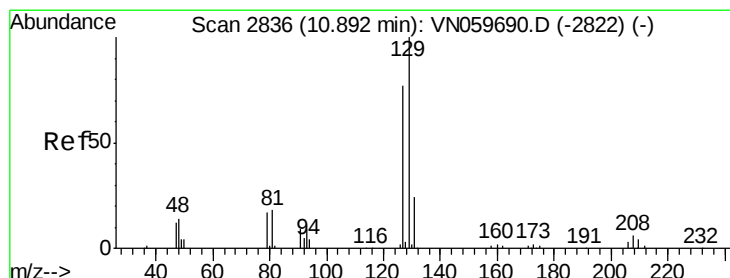
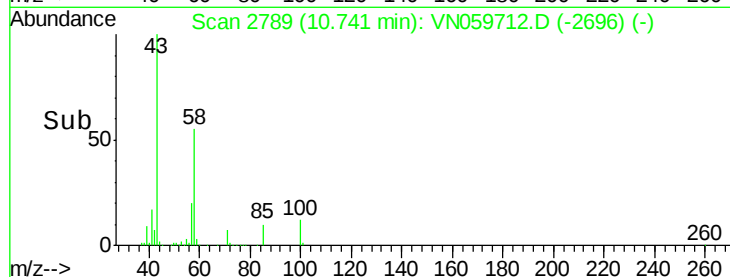
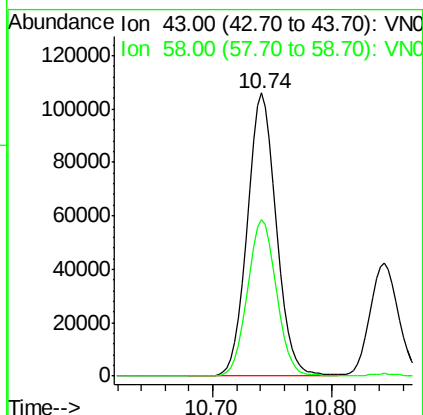
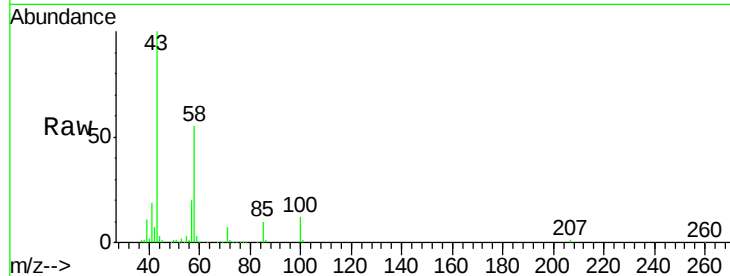




#59
2-Hexanone
Concen: 100.522 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

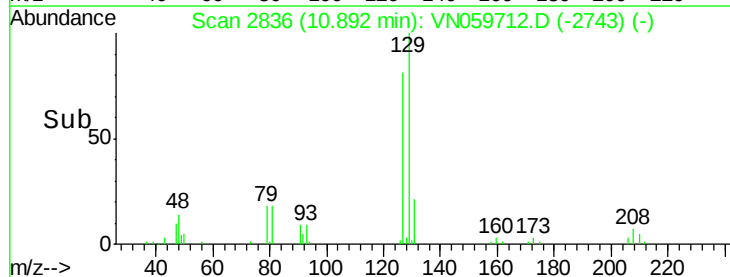
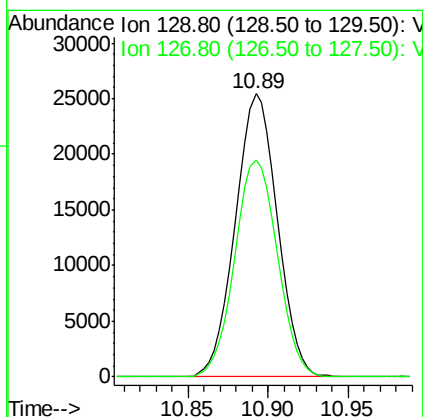
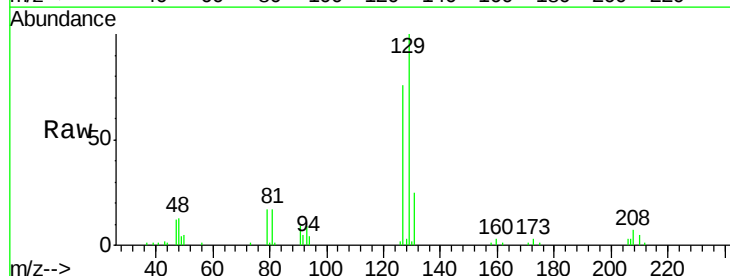
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

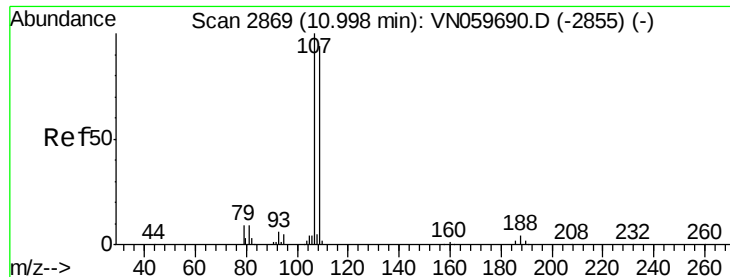
Tgt Ion: 43 Resp: 179033
Ion Ratio Lower Upper
43 100
58 55.3 25.8 77.3



#60
Dibromochloromethane
Concen: 20.660 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion: 129 Resp: 45505
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.871 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampled :

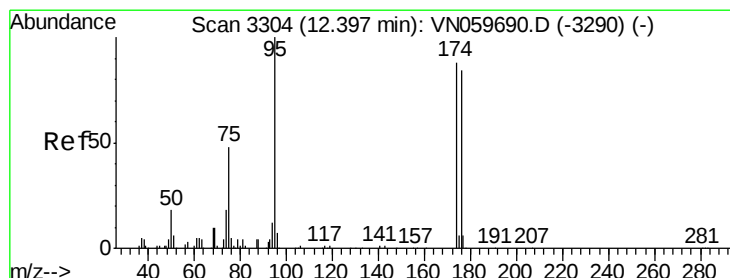
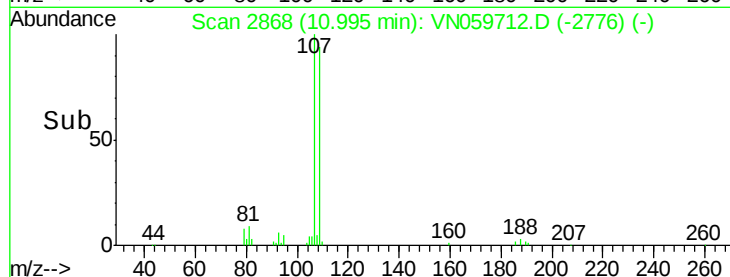
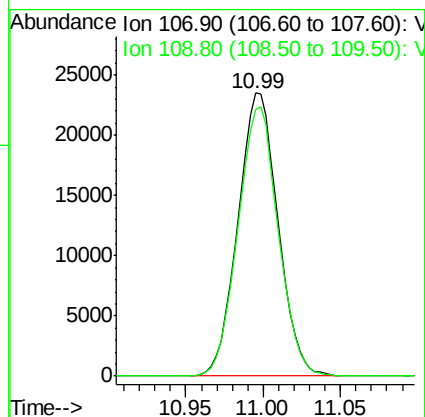
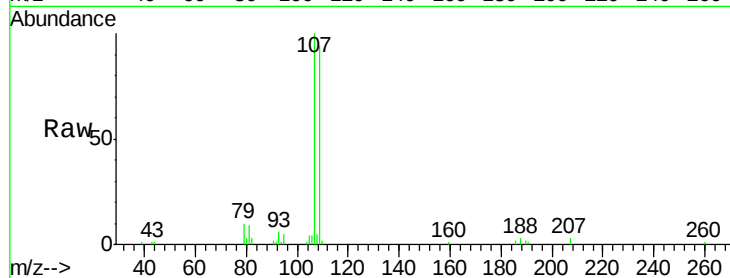
VN0115WBS01

Tgt Ion: 107 Resp: 42310

Ion Ratio Lower Upper

107 100

109 95.5 76.6 115.0



#62

4-Bromofluorobenzene

Concen: 50.389 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

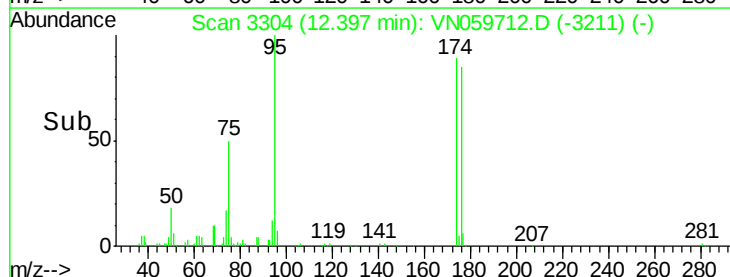
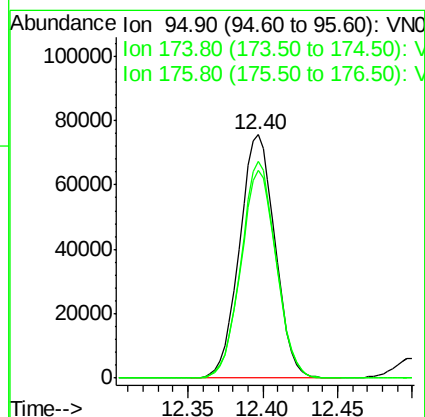
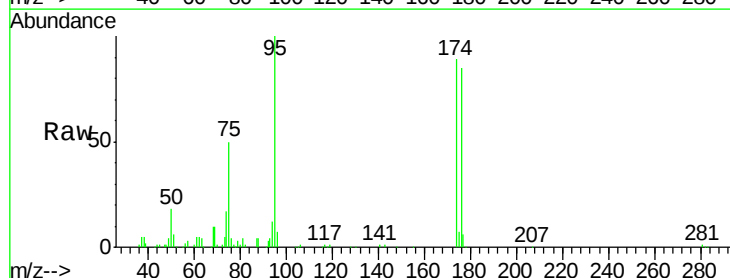
Tgt Ion: 95 Resp: 124943

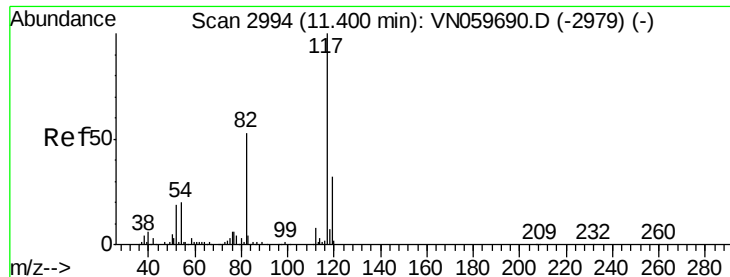
Ion Ratio Lower Upper

95 100

174 87.7 0.0 151.4

176 85.4 0.0 146.0

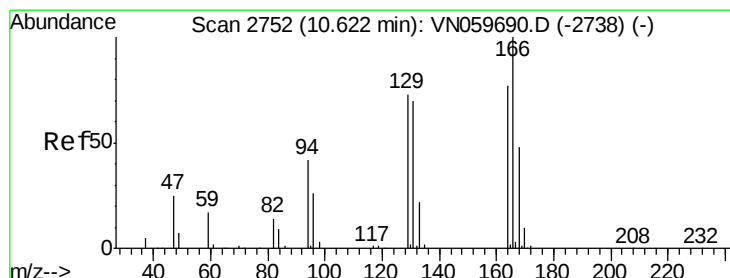
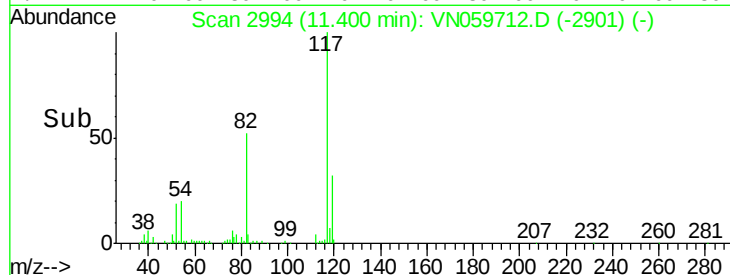
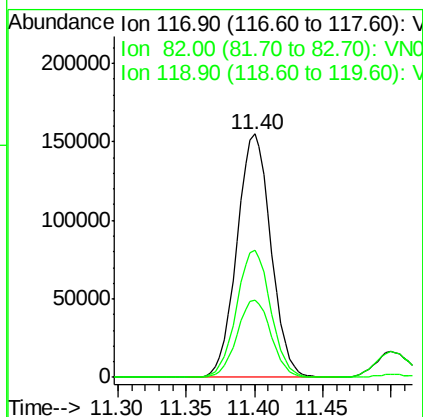
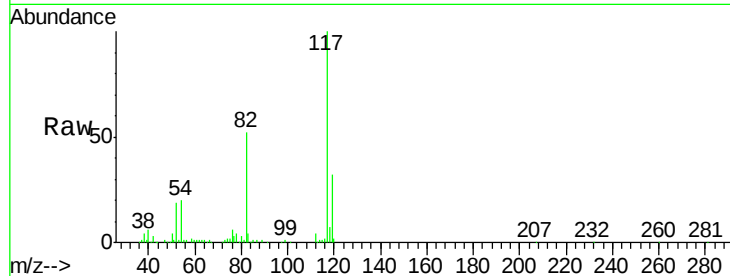




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

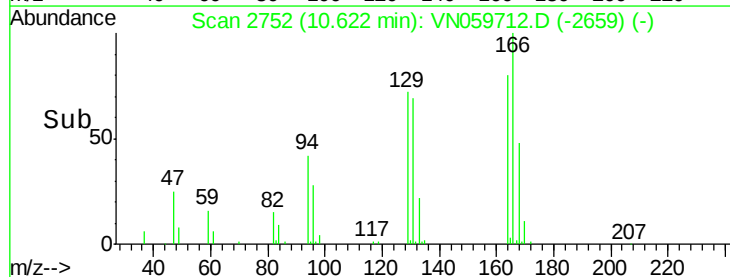
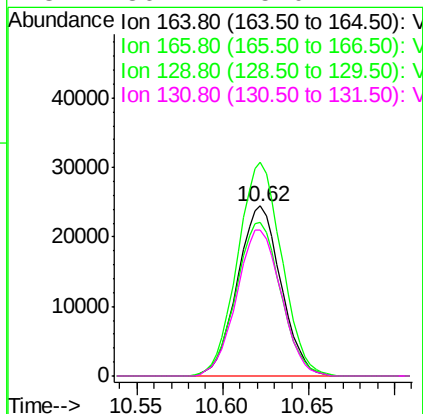
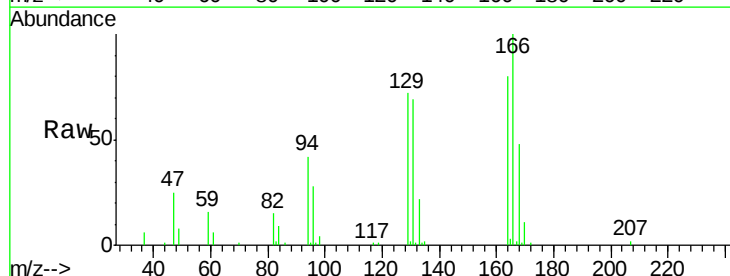
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

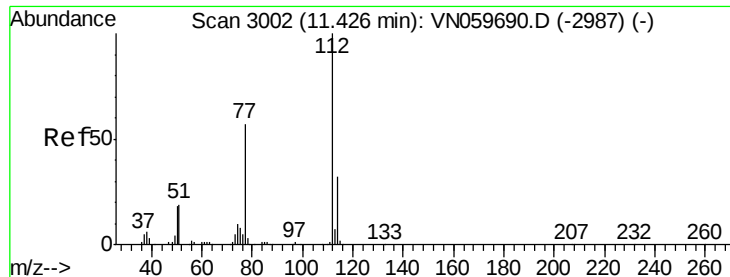
Tgt Ion:117 Resp: 267844
Ion Ratio Lower Upper
117 100
82 52.2 45.9 68.9
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 19.687 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion:164 Resp: 42976
Ion Ratio Lower Upper
164 100
166 125.7 101.4 152.0
129 90.2 80.2 120.4
131 86.1 75.0 112.4





#65

Chlorobenzene

Concen: 20.772 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

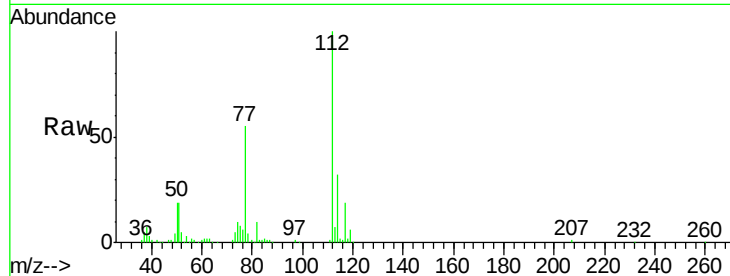
VN0115WBS01

Tgt Ion:112 Resp: 109357

Ion Ratio Lower Upper

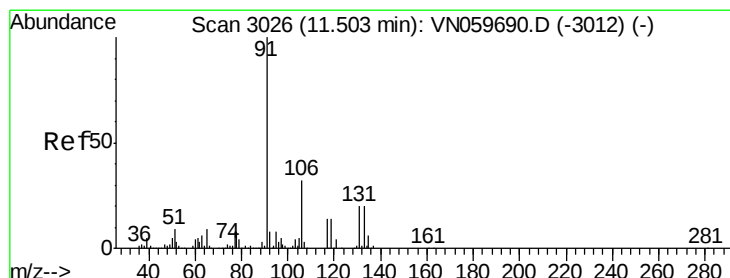
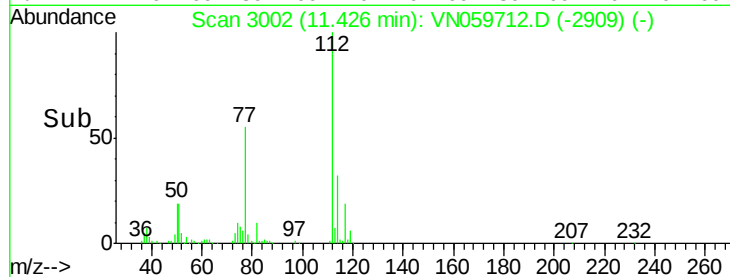
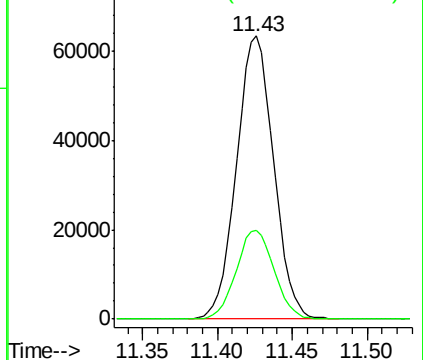
112 100

114 31.5 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.130 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

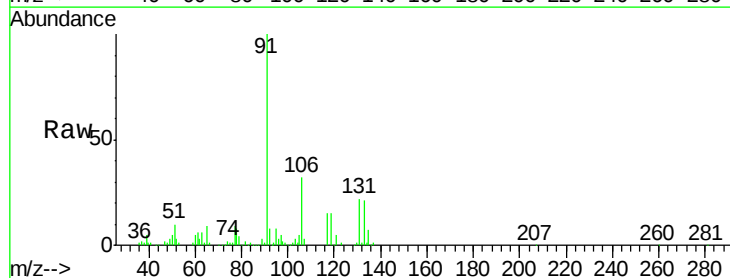
Tgt Ion:131 Resp: 42984

Ion Ratio Lower Upper

131 100

133 96.9 47.4 142.2

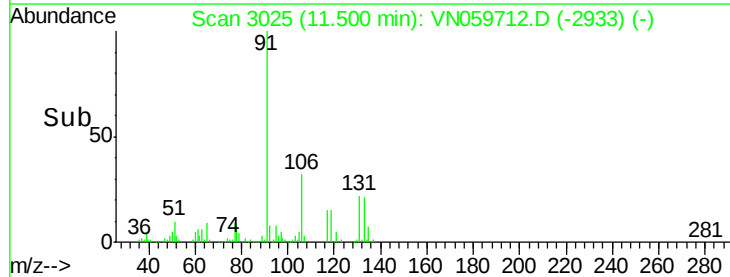
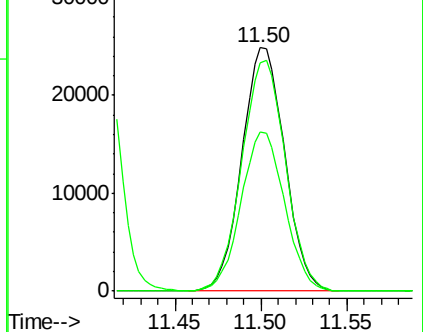
119 66.6 33.1 99.3

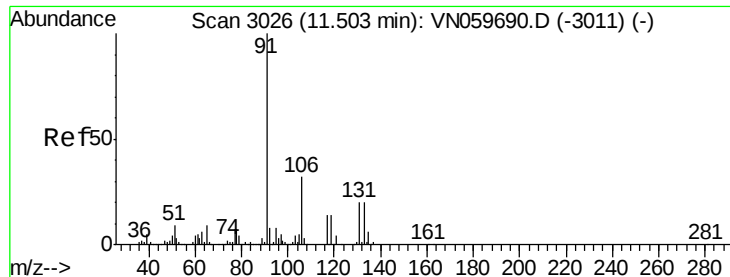


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.602 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

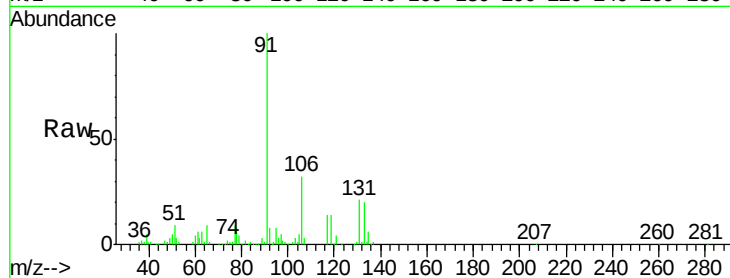
VN0115WBS01

Tgt Ion: 91 Resp: 196888

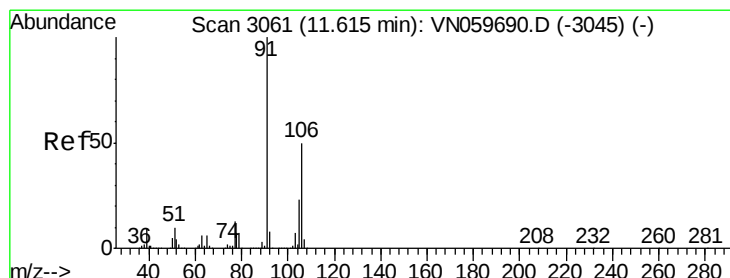
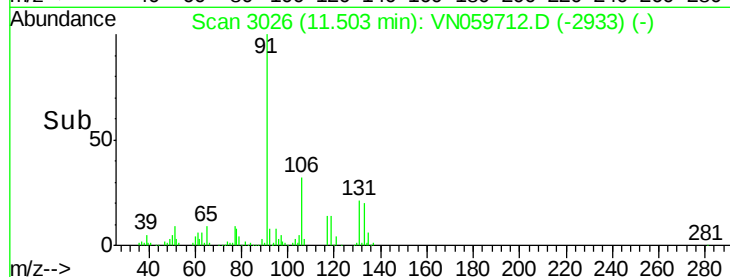
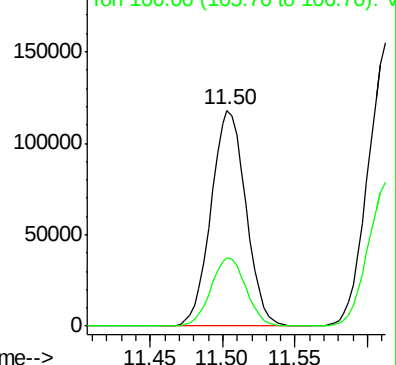
Ion Ratio Lower Upper

91 100

106 31.6 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059712.D (-2933) (-)



#68

m/p-Xylenes

Concen: 41.822 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059712.D

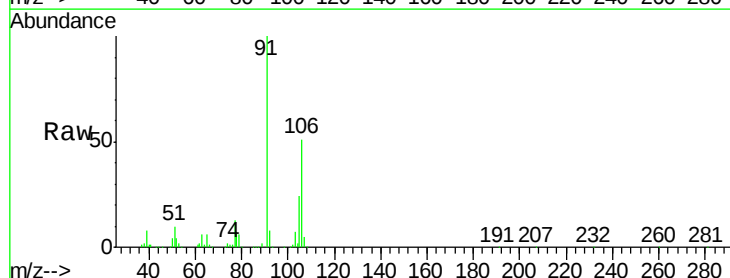
Acq: 15 Jan 2020 11:16

Tgt Ion: 106 Resp: 150980

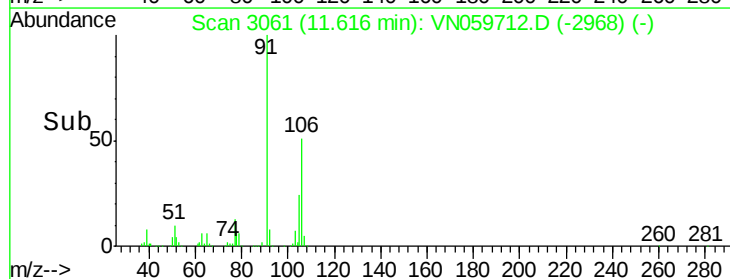
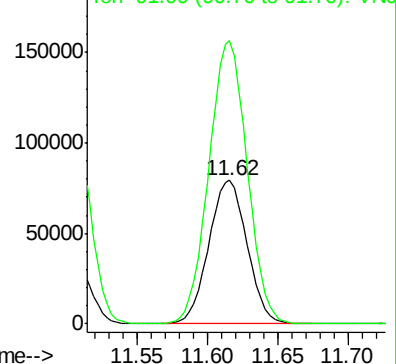
Ion Ratio Lower Upper

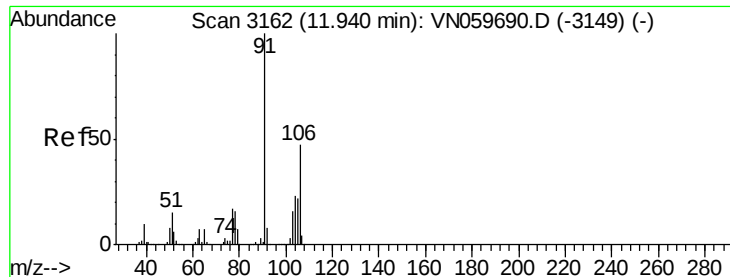
106 100

91 197.8 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059712.D (-2968) (-)





#69

o-Xylene

Concen: 20.672 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampled :

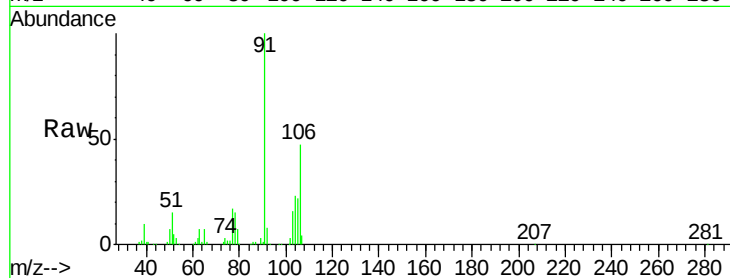
VN0115WBS01

Tgt Ion:106 Resp: 73059

Ion Ratio Lower Upper

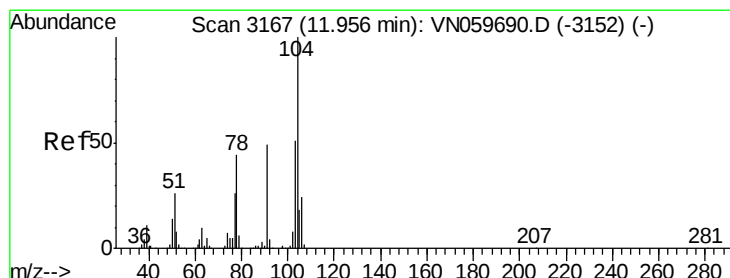
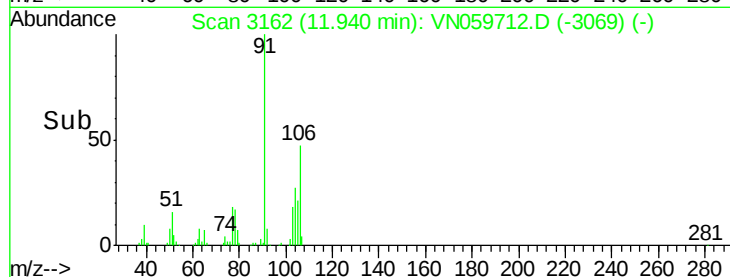
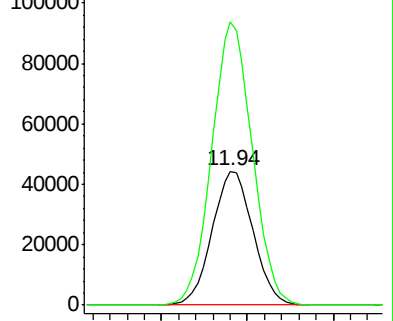
106 100

91 209.9 110.3 330.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 20.389 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

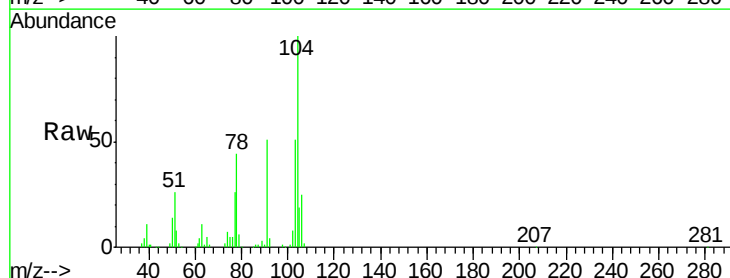
Tgt Ion:104 Resp: 120582

Ion Ratio Lower Upper

104 100

78 48.0 42.4 63.6

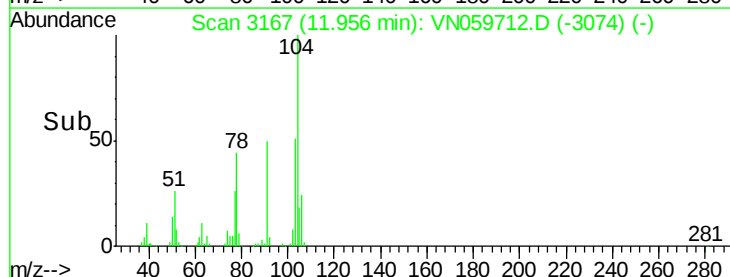
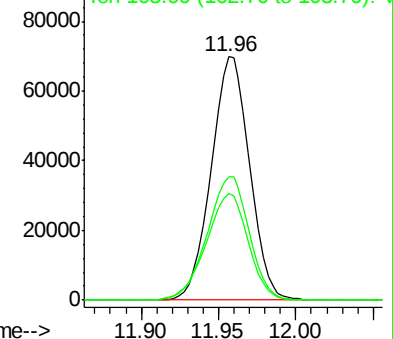
103 55.6 43.9 65.9

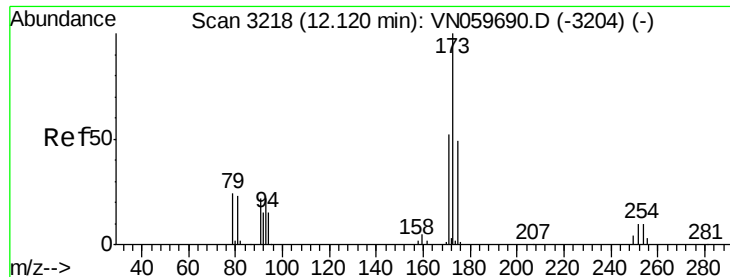


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

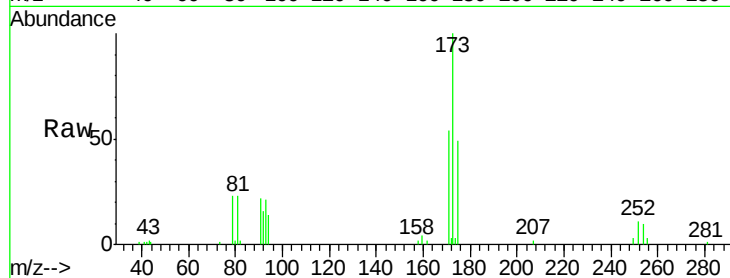




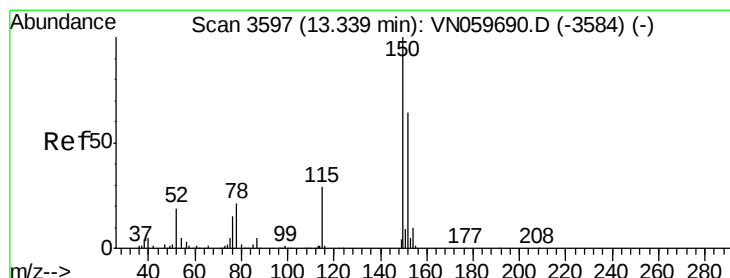
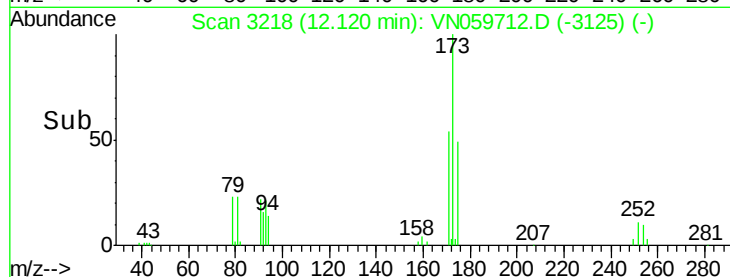
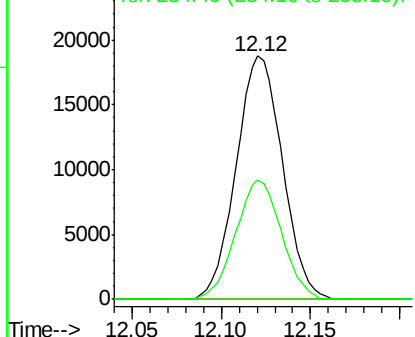
#71
Bromoform
Concen: 20.846 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

Tgt Ion:173 Resp: 33967
Ion Ratio Lower Upper
173 100
175 48.3 23.8 71.4
254 0.0 0.0 0.0

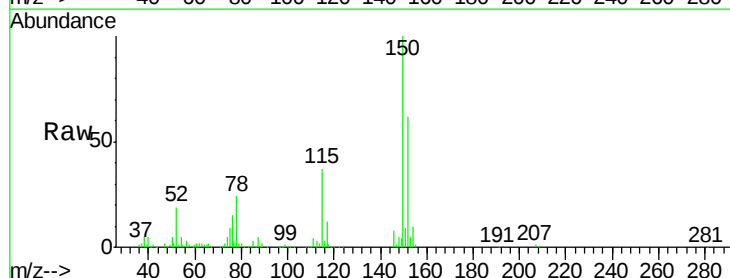


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

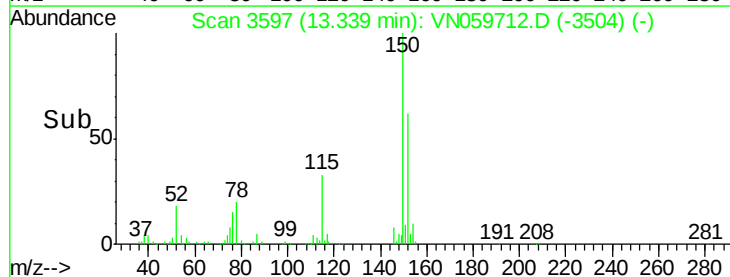
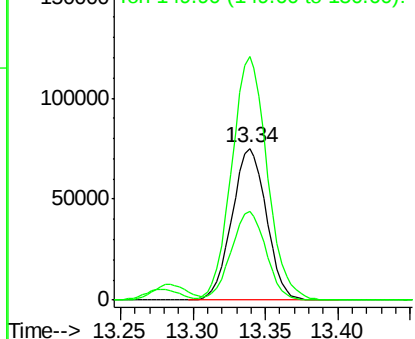


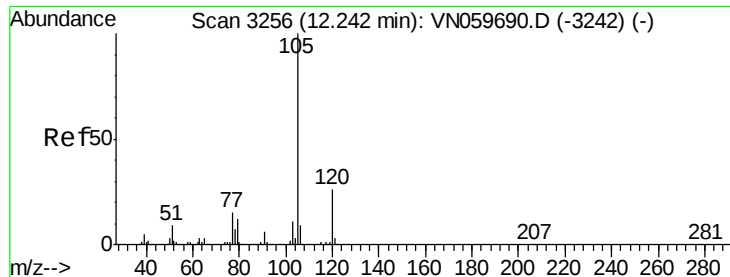
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion:152 Resp: 123959
Ion Ratio Lower Upper
152 100
115 58.2 30.3 90.9
150 165.2 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: 21.286 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

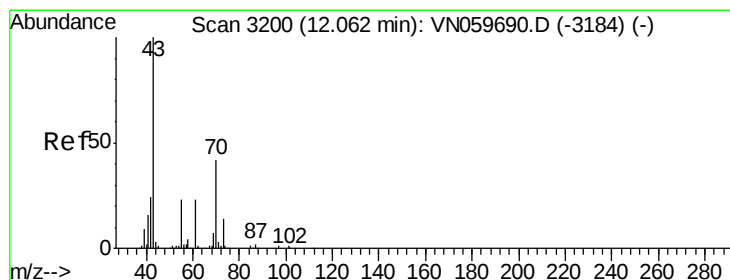
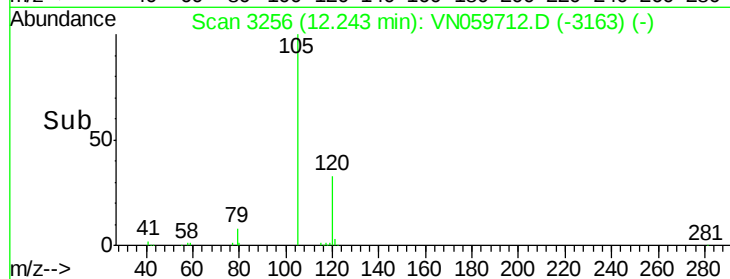
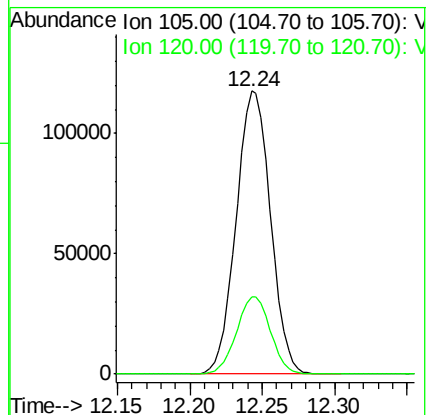
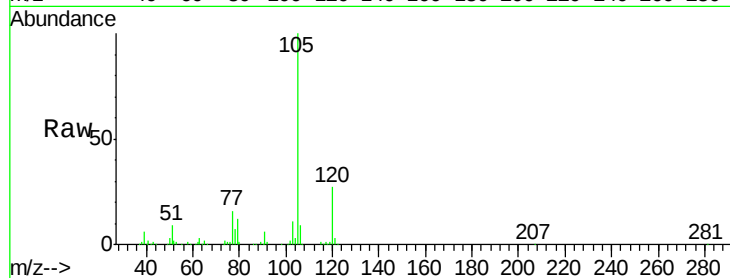
VN0115WBS01

Tgt Ion: 105 Resp: 193510

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5



#74

N-ethyl acetate

Concen: 19.659 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Tgt Ion: 43 Resp: 69350

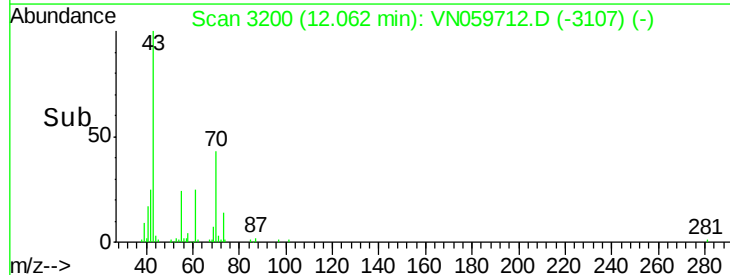
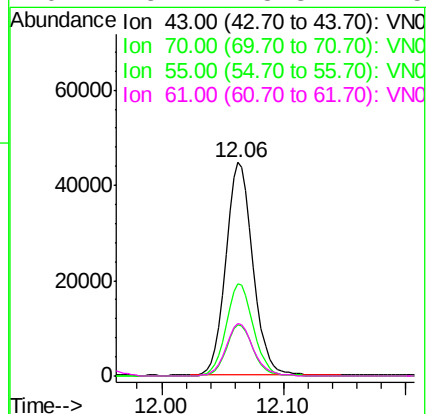
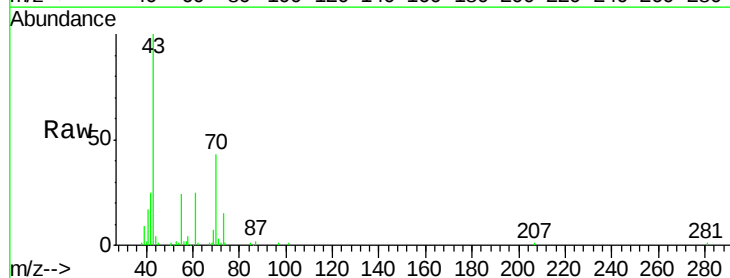
Ion Ratio Lower Upper

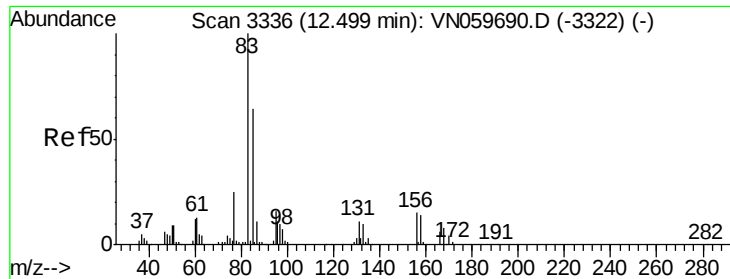
43 100

70 43.9 31.3 46.9

55 24.0 19.8 29.6

61 25.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.568 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

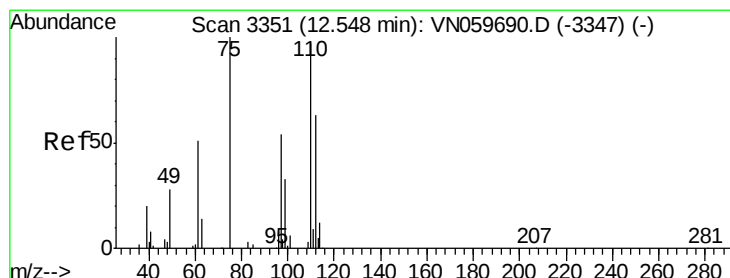
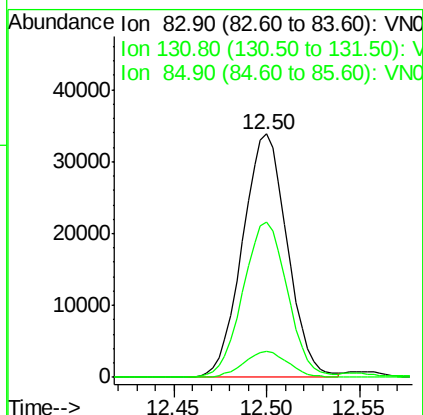
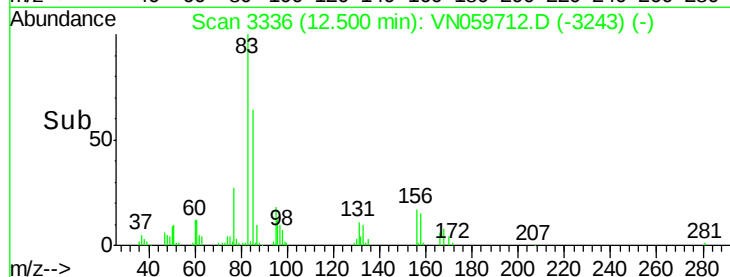
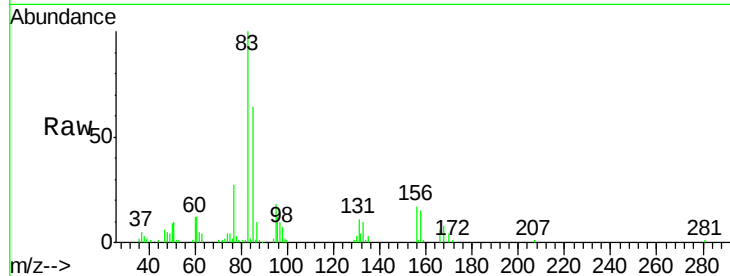
Tgt Ion: 83 Resp: 56842

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 63.4 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 35.446 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059712.D

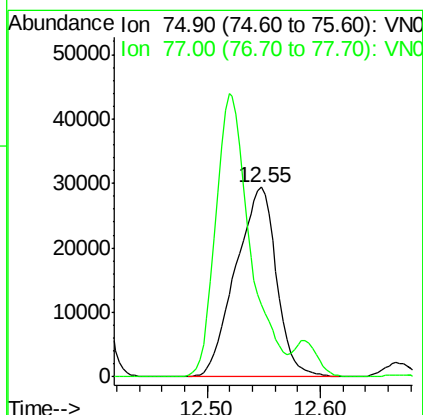
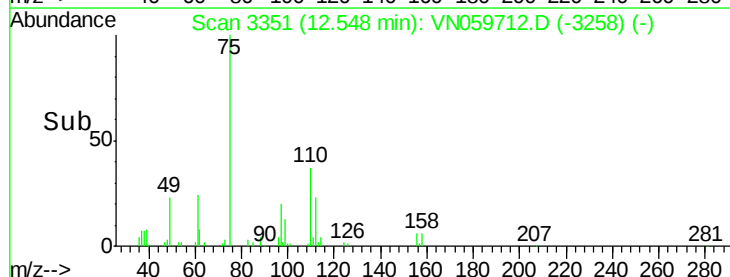
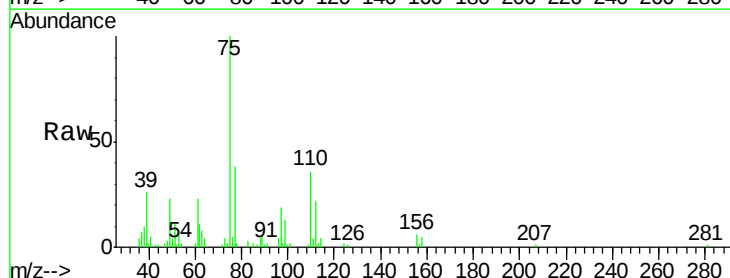
Acq: 15 Jan 2020 11:16

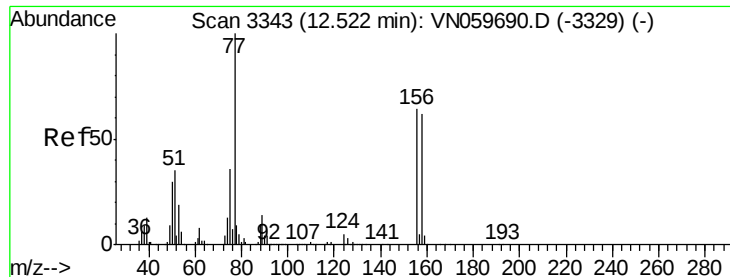
Tgt Ion: 75 Resp: 73945

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.500 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

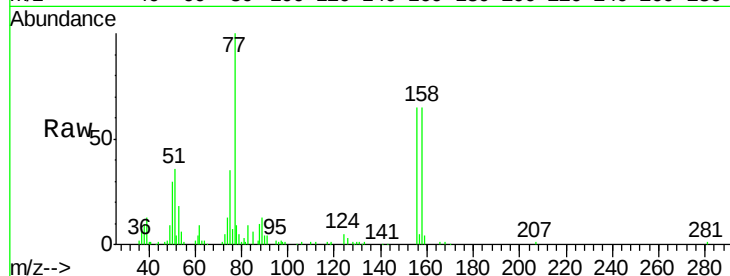
Tgt Ion:156 Resp: 49497

Ion Ratio Lower Upper

156 100

77 186.8 115.8 347.4

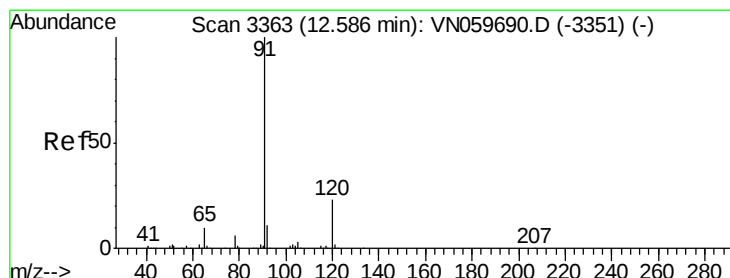
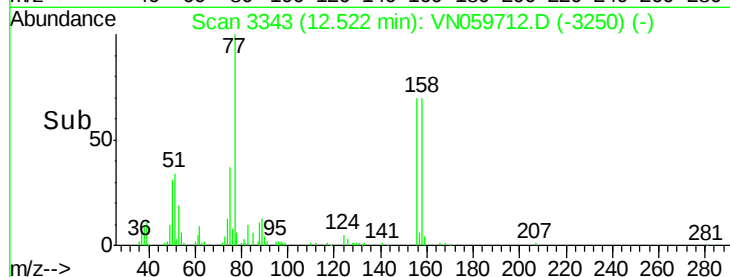
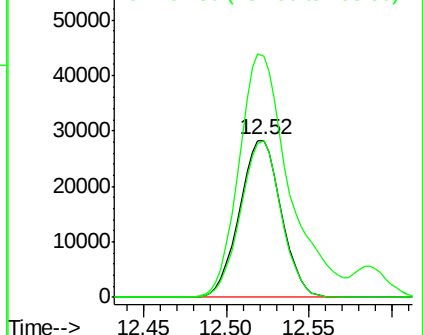
158 97.0 49.2 147.6



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: 21.234 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059712.D

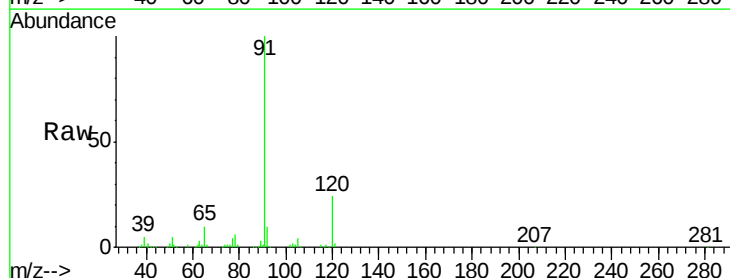
Acq: 15 Jan 2020 11:16

Tgt Ion: 91 Resp: 216666

Ion Ratio Lower Upper

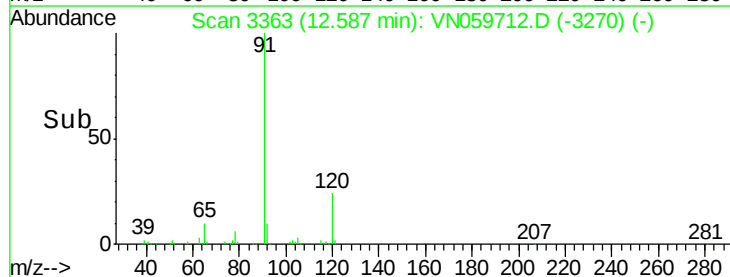
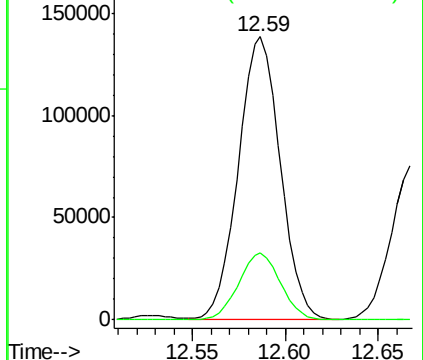
91 100

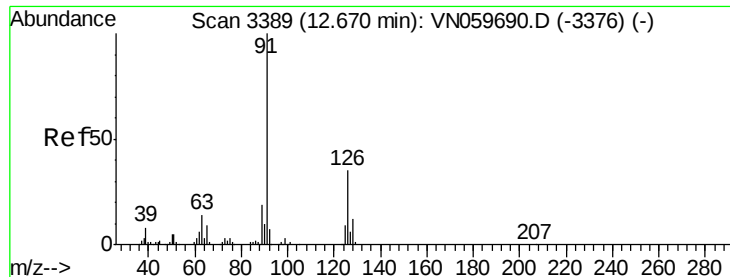
120 23.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.948 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

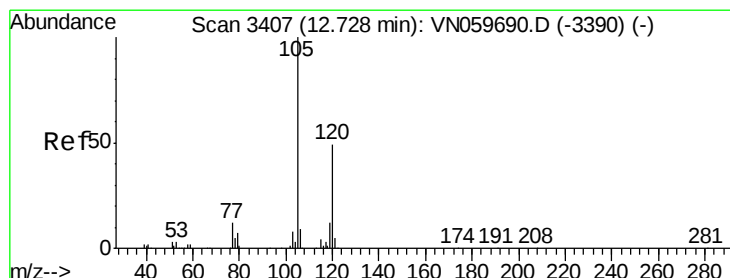
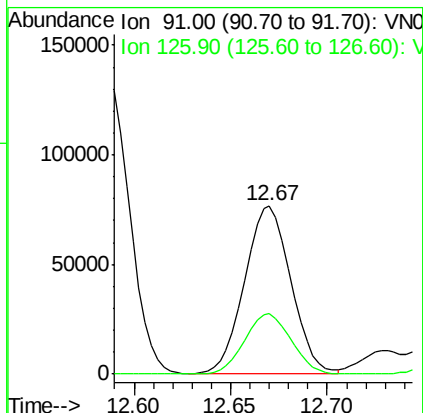
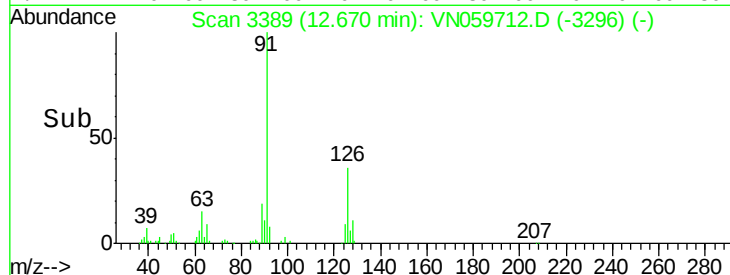
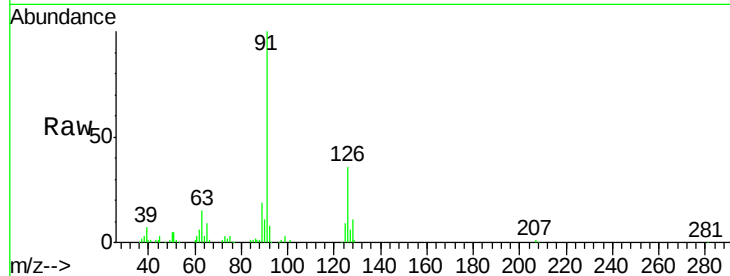
VN0115WBS01

Tgt Ion: 91 Resp: 127161

Ion Ratio Lower Upper

91 100

126 36.5 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 21.325 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059712.D

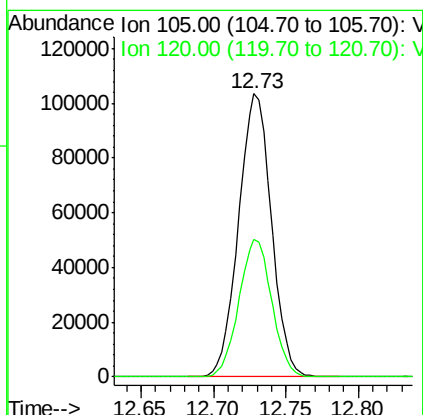
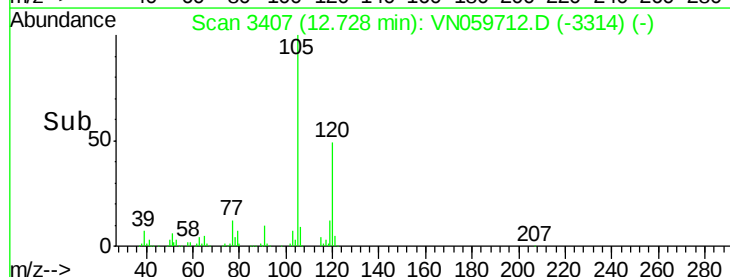
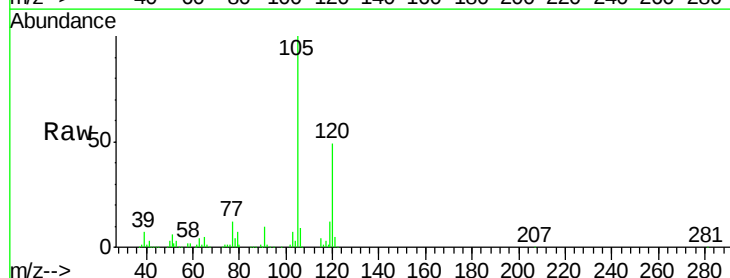
Acq: 15 Jan 2020 11:16

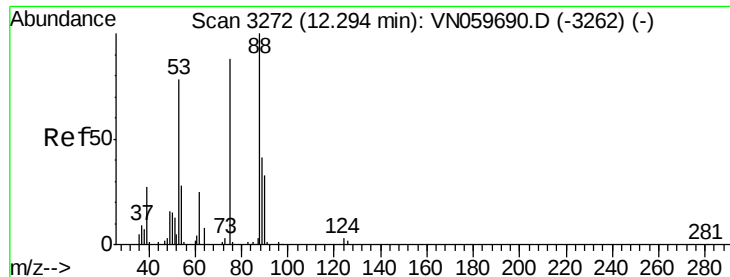
Tgt Ion: 105 Resp: 163041

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.536 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

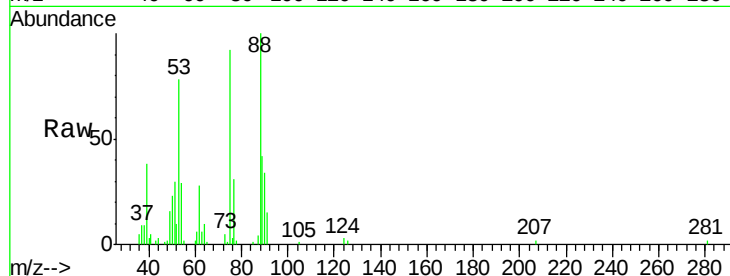
Tgt Ion: 75 Resp: 19949

Ion Ratio Lower Upper

75 100

53 89.2 78.1 117.1

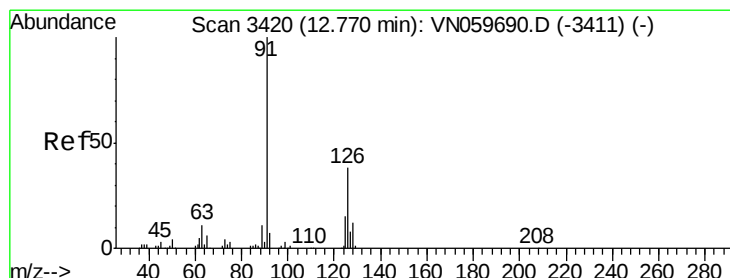
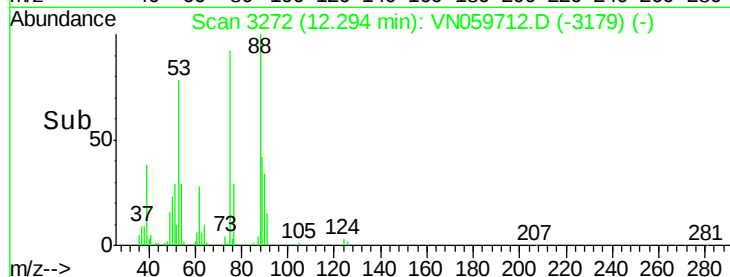
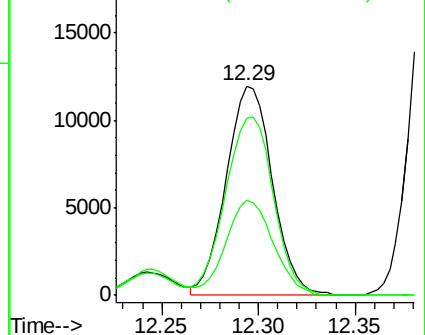
89 46.6 35.4 53.2



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: 21.027 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN059712.D

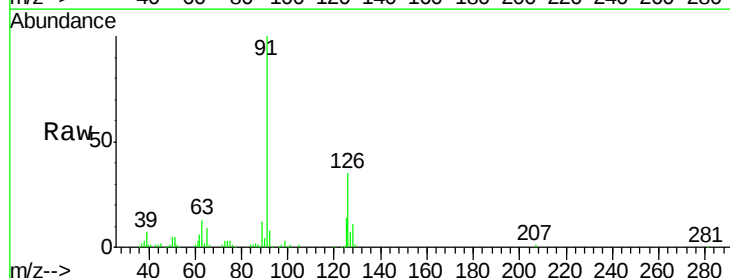
Acq: 15 Jan 2020 11:16

Tgt Ion: 91 Resp: 128023

Ion Ratio Lower Upper

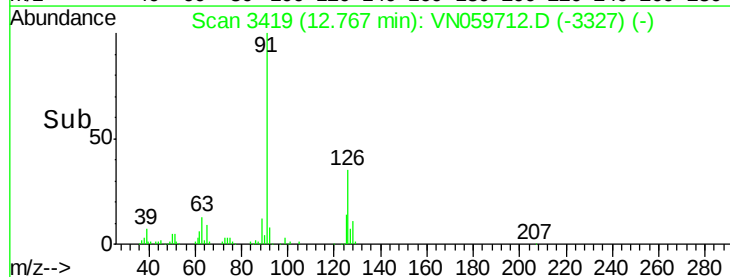
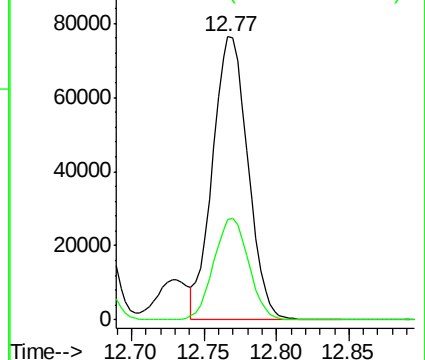
91 100

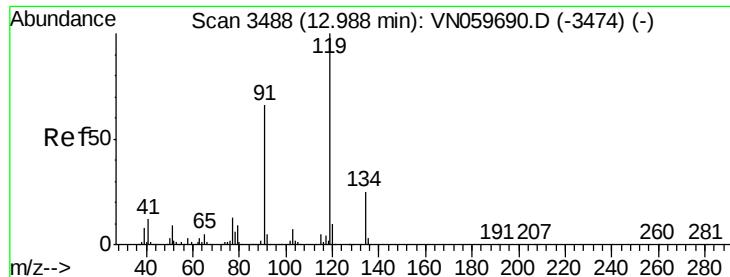
126 35.8 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

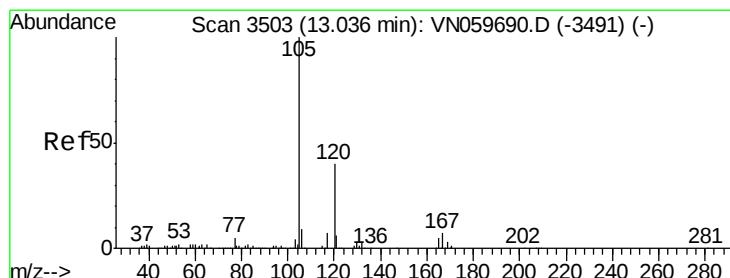
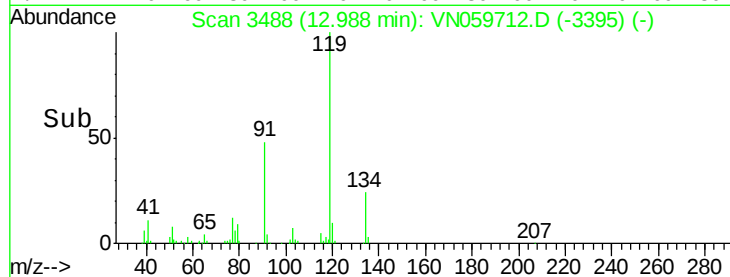
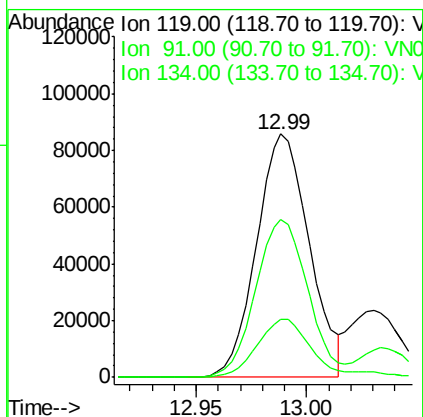
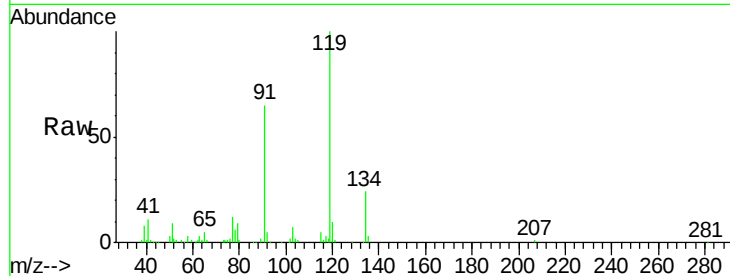




#83
tert-Butylbenzene
Concen: 21.507 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

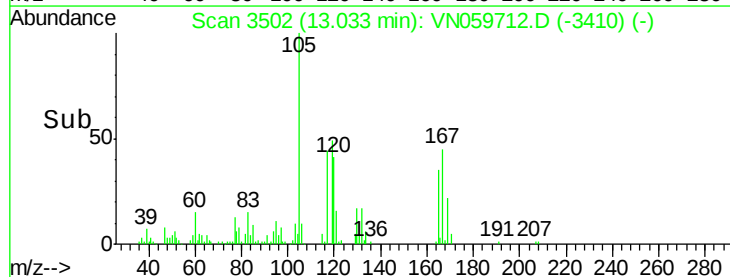
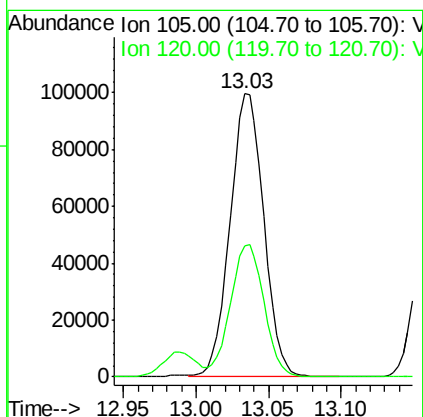
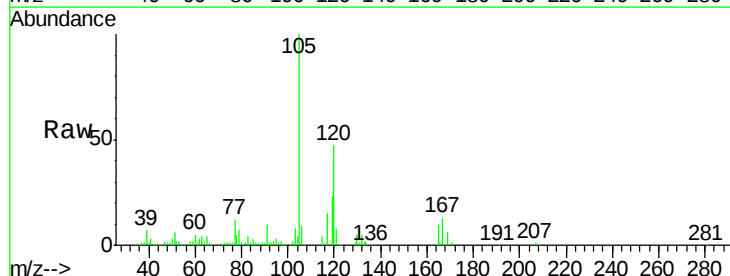
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

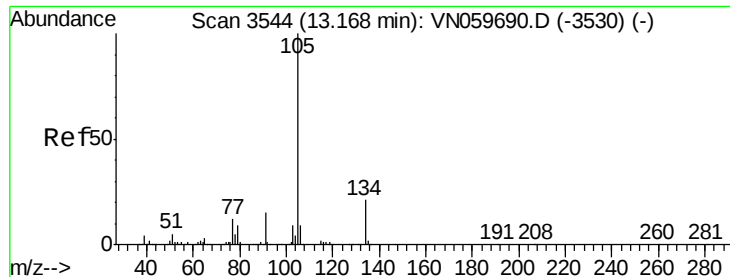
Tgt Ion:119 Resp: 142214
Ion Ratio Lower Upper
119 100
91 64.5 34.8 104.4
134 24.0 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 21.205 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion:105 Resp: 160395
Ion Ratio Lower Upper
105 100
120 46.5 22.3 66.9

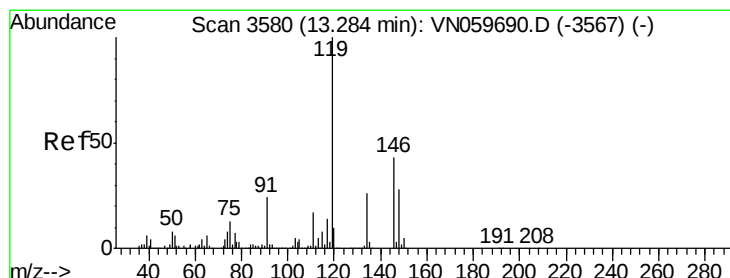
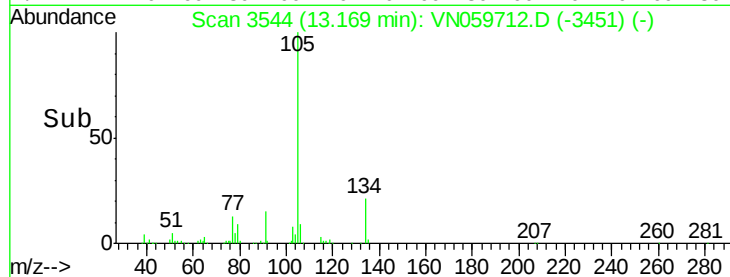
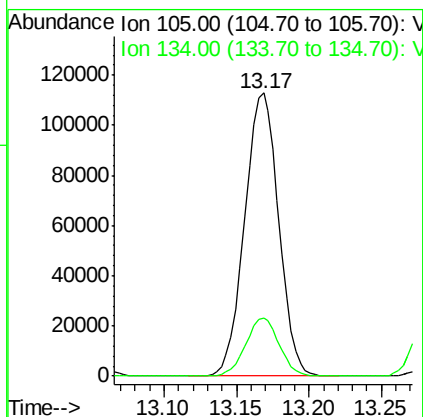
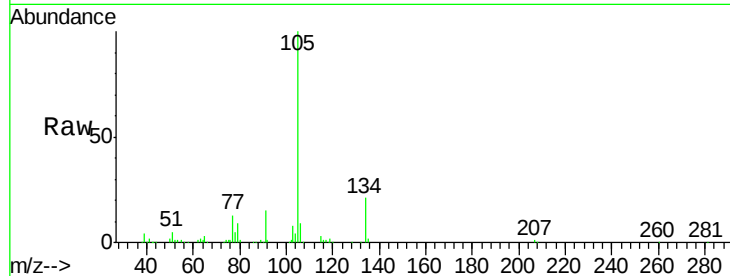




#85
 sec-Butylbenzene
 Concen: 21.202 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

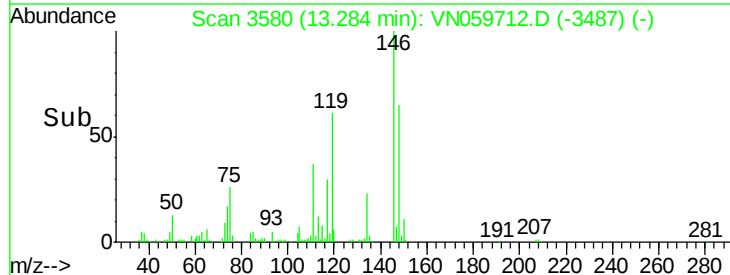
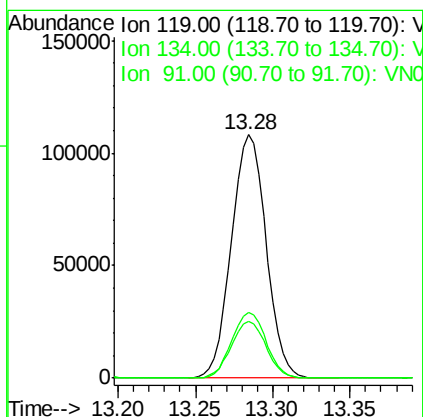
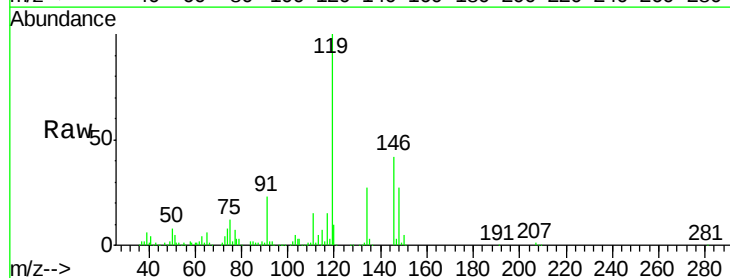
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

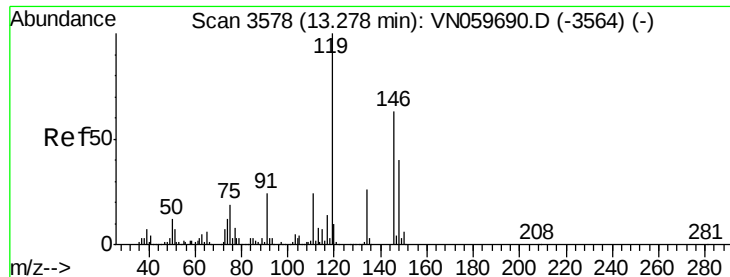
Tgt Ion:105 Resp: 184196
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.991 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion:119 Resp: 168741
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.9 38.7
 91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.303 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

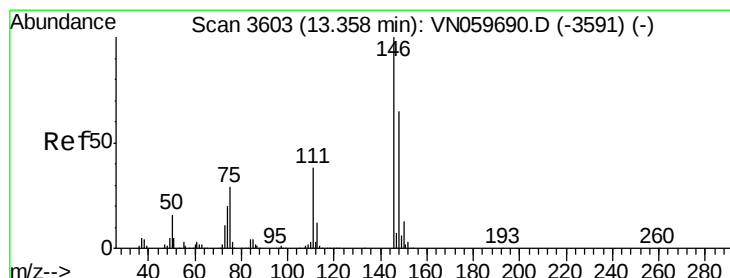
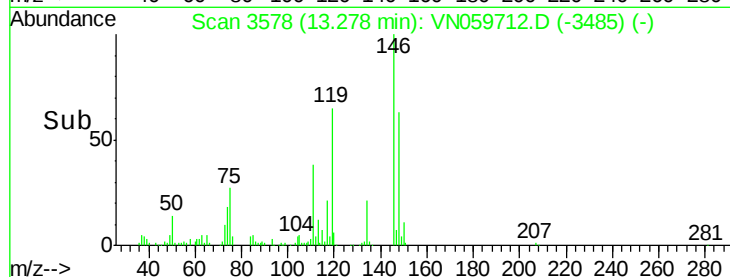
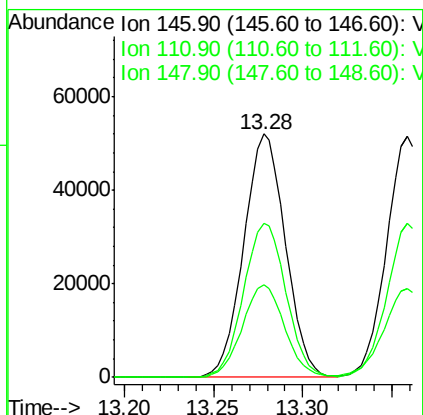
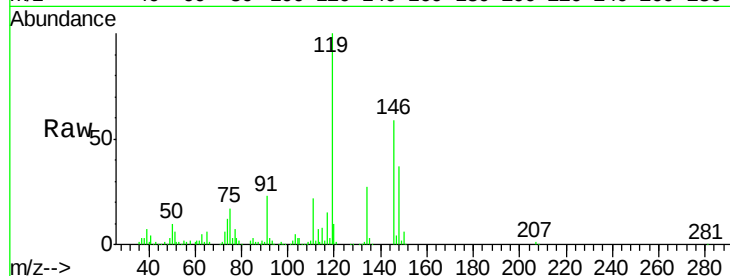
Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

Tgt Ion:146 Resp: 85192

Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.8	62.2
148	64.4	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 21.144 ug/l

RT: 13.36 min Scan# 3603

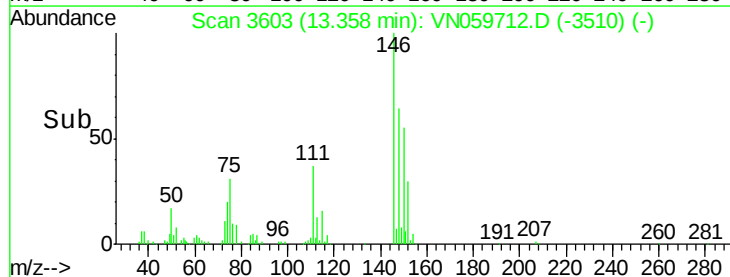
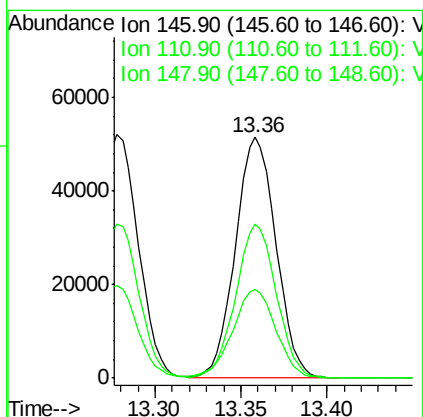
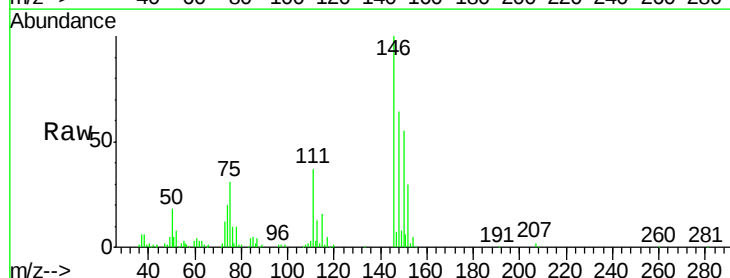
Delta R.T. 0.00 min

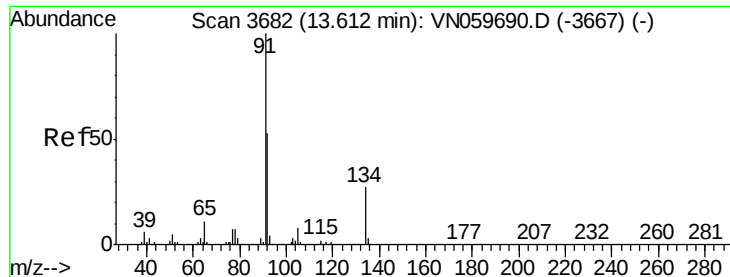
Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Tgt Ion:146 Resp: 84354

Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.8	62.2
148	64.0	31.8	95.4

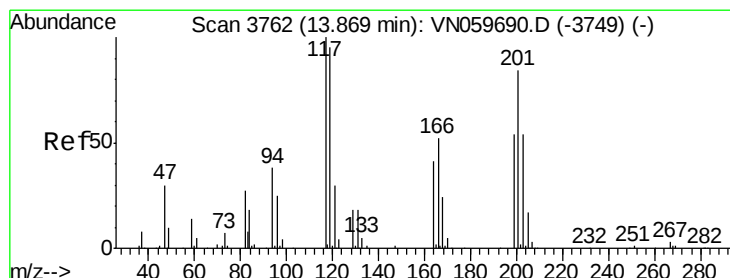
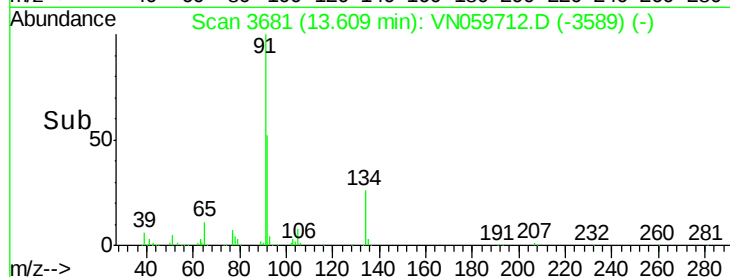
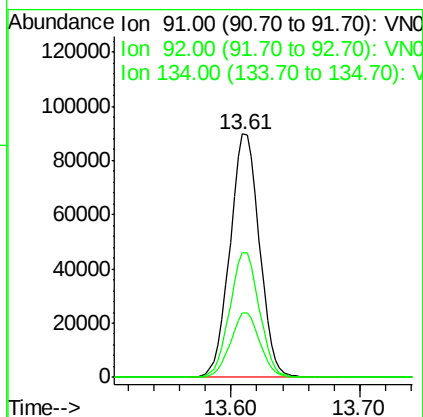
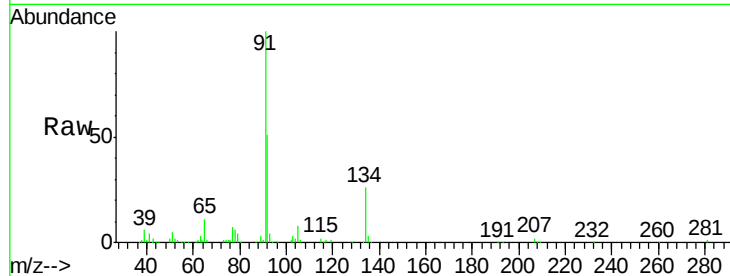




#89
n-Butylbenzene
Concen: 20.769 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

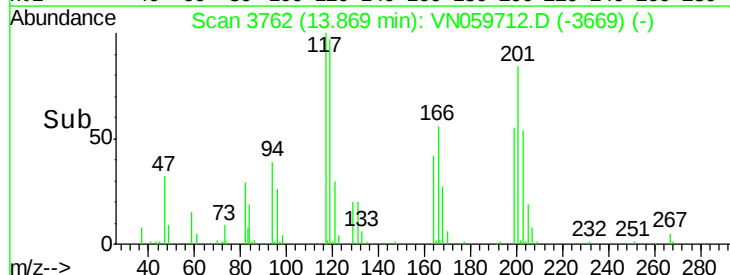
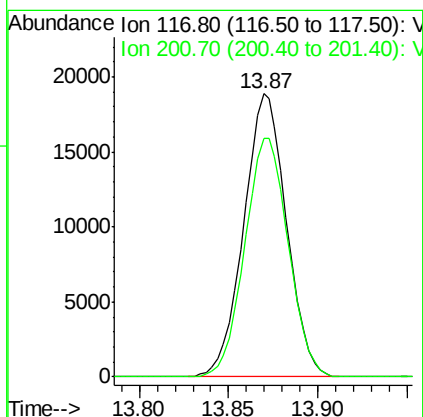
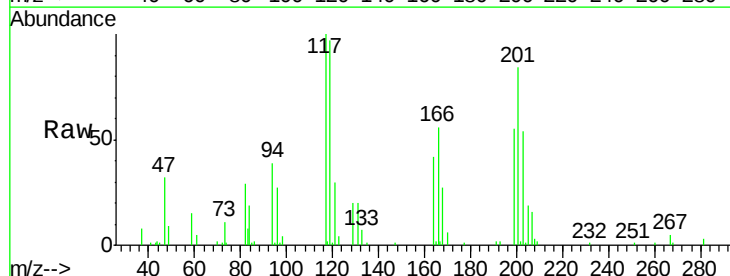
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

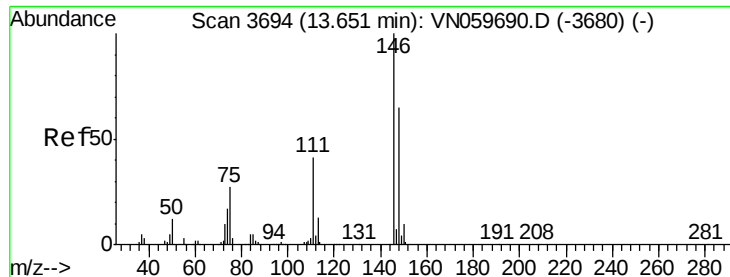
Tgt Ion: 91 Resp: 142354
Ion Ratio Lower Upper
91 100
92 51.5 25.9 77.7
134 26.4 12.3 36.8



#90
Hexachloroethane
Concen: 21.003 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion: 117 Resp: 31590
Ion Ratio Lower Upper
117 100
201 85.8 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 21.206 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

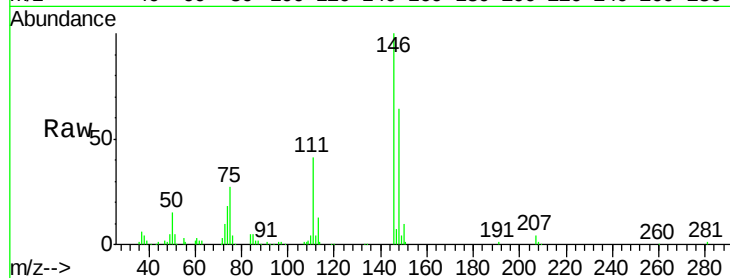
Tgt Ion:146 Resp: 83840

Ion Ratio Lower Upper

146 100

111 41.0 21.6 64.8

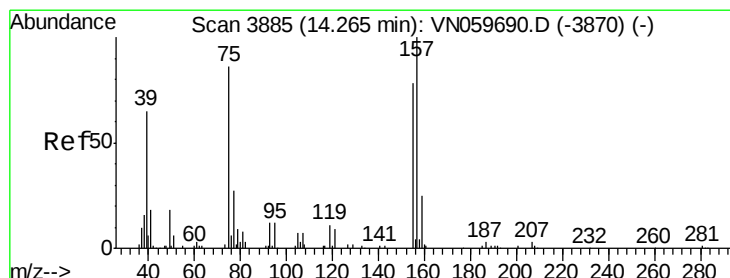
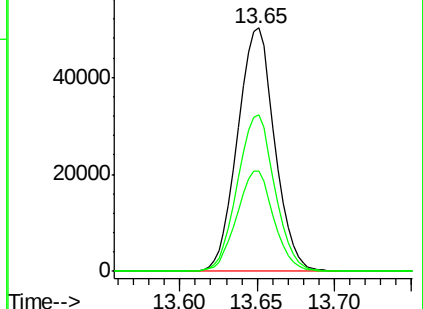
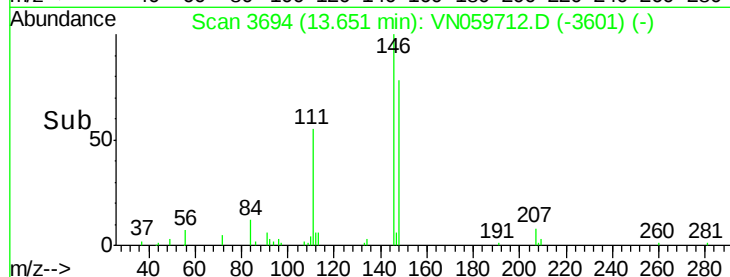
148 64.5 31.6 95.0



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: 20.946 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN059712.D

Acq: 15 Jan 2020 11:16

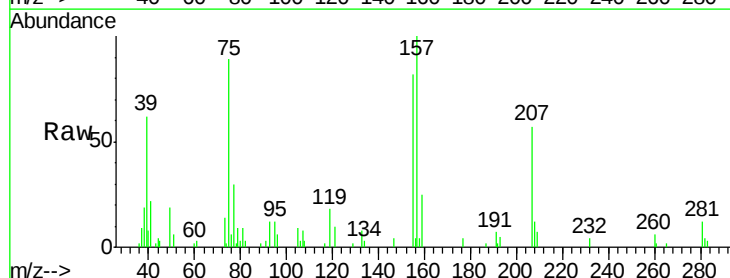
Tgt Ion: 75 Resp: 12535

Ion Ratio Lower Upper

75 100

155 88.4 37.0 110.9

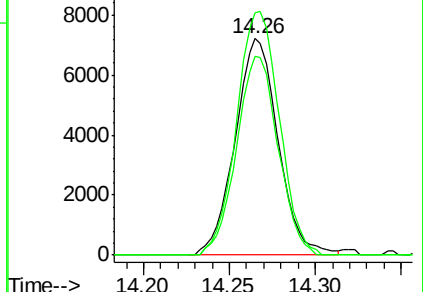
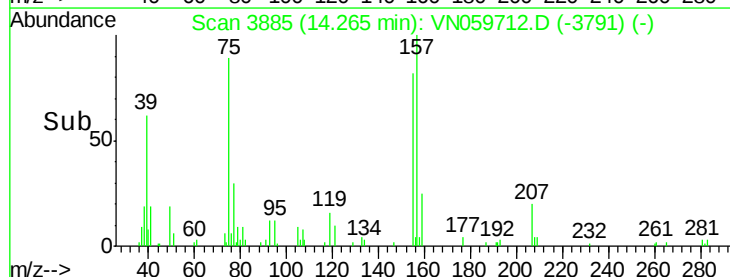
157 111.4 48.4 145.2

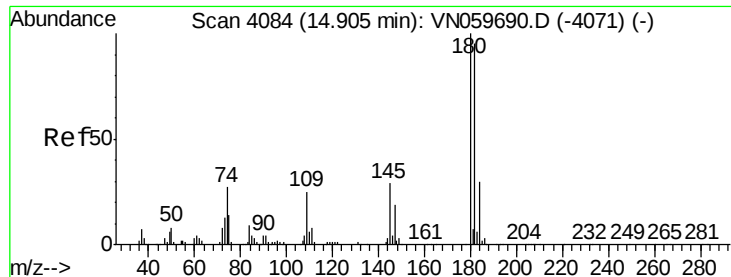


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

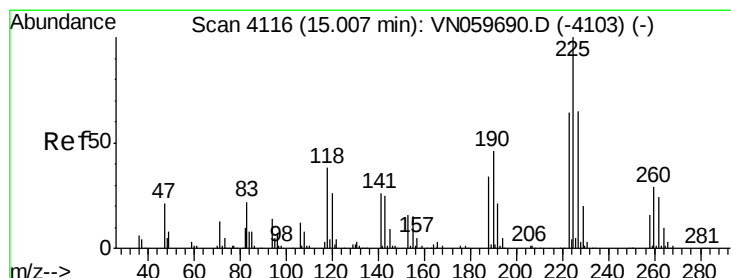
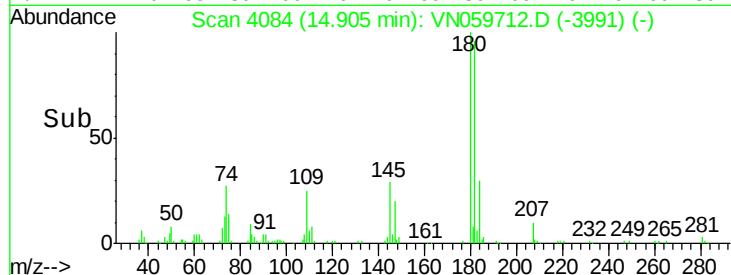
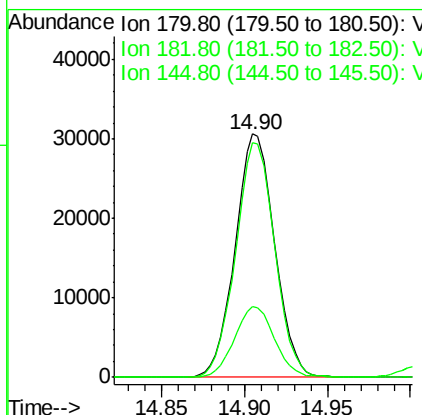
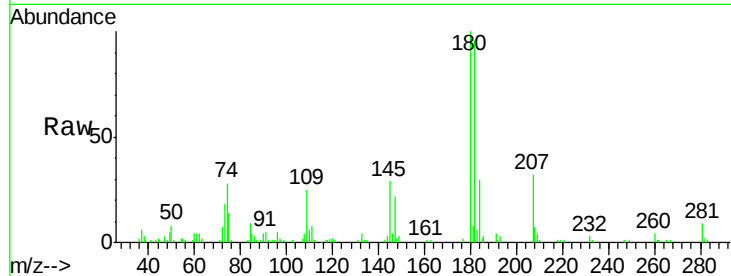




#93
 1,2,4-Trichlorobenzene
 Concen: 21.293 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

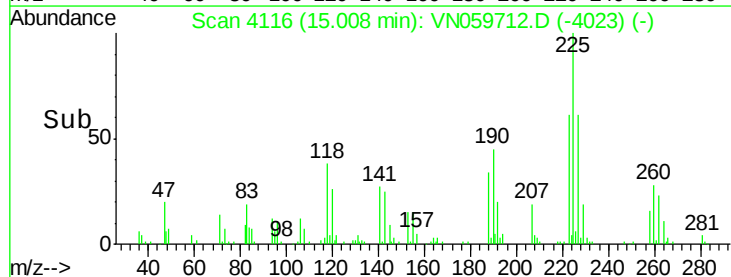
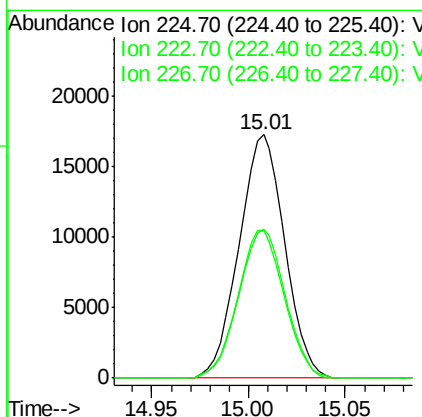
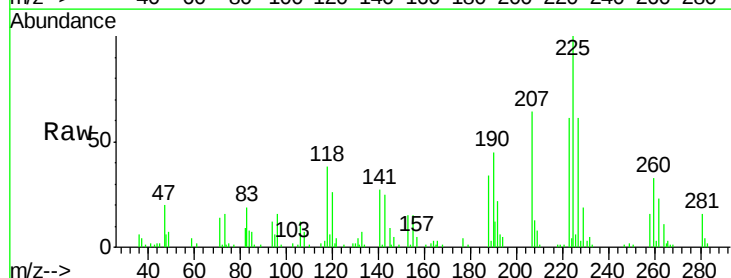
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

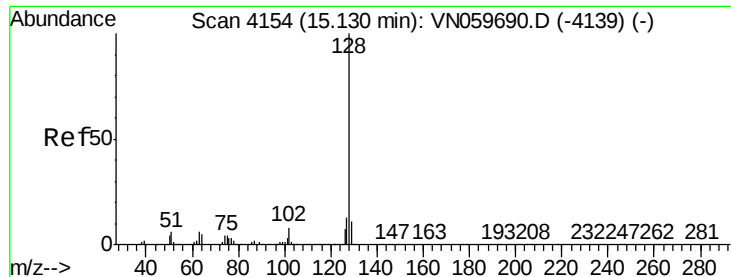
Tgt Ion:180 Resp: 50584
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.9 140.7
 145 29.6 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 21.644 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059712.D
 Acq: 15 Jan 2020 11:16

Tgt Ion:225 Resp: 28334
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.8 95.3
 227 62.1 32.1 96.5

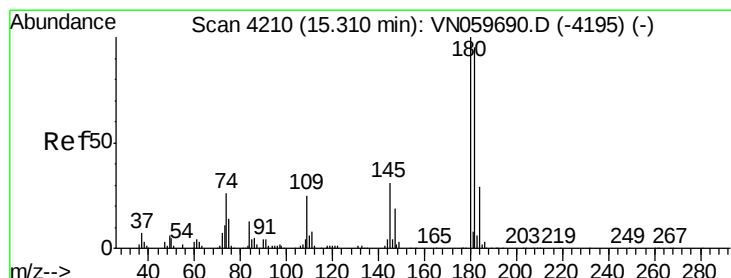
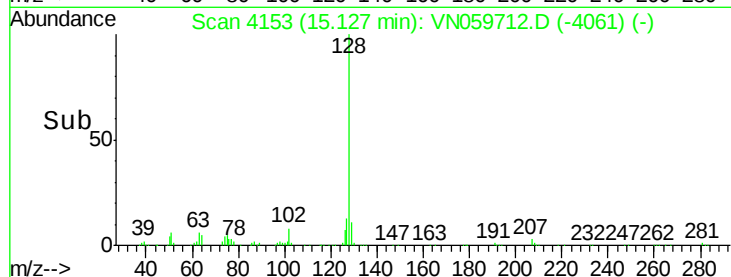
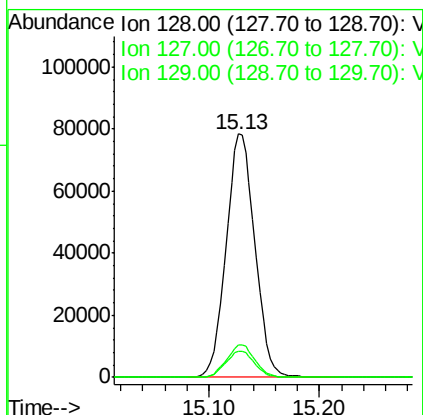
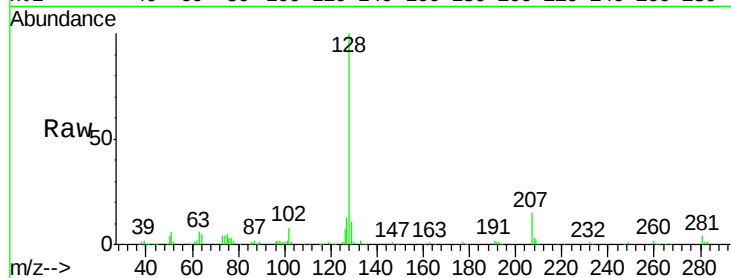




#95
Naphthalene
Concen: 20.829 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampled :
VN0115WBS01

Tgt Ion:128 Resp: 140744
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.464 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059712.D
Acq: 15 Jan 2020 11:16

Tgt Ion:180 Resp: 49631
Ion Ratio Lower Upper
180 100
182 93.8 47.4 142.3
145 32.9 16.3 48.9

