

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012720\
 Data File : VN059865.D
 Acq On : 27 Jan 2020 12:11
 Operator : JC/MD
 Sample : VN0127WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Quant Time: Jan 27 14:28:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	207773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	313780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	284788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	119935	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
35) Dibromofluoromethane	7.56	113	103415	55.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.54%	
50) Toluene-d8	10.08	98	382914	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.40	95	135675	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46624	18.71	ug/l	99
3) Chloromethane	2.04	50	42675	17.94	ug/l	97
4) Vinyl Chloride	2.17	62	55305	20.32	ug/l	98
5) Bromomethane	2.54	94	33865	20.39	ug/l	98
6) Chloroethane	2.68	64	26404	20.51	ug/l	97
7) Trichlorofluoromethane	3.00	101	68035	20.81	ug/l	98
8) Diethyl Ether	3.38	74	23956	20.88	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	3.74	101	39366	21.64	ug/l	92
10) Methyl Iodide	3.93	142	56660	19.27	ug/l	95
11) Tert butyl alcohol	4.73	59	38583	99.33	ug/l	98
12) 1,1-Dichloroethene	3.72	96	37744	19.86	ug/l	86
13) Acrolein	3.58	56	17571	63.90	ug/l	96
14) Allyl chloride	4.29	41	49460	19.30	ug/l #	83
15) Acrylonitrile	4.94	53	89900	101.46	ug/l	98
16) Acetone	3.78	43	90641	109.55	ug/l	95
17) Carbon Disulfide	4.03	76	95758	17.68	ug/l	99
18) Methyl Acetate	4.29	43	53980	20.03	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	127284	20.54	ug/l	95
20) Methylene Chloride	4.52	84	42312	19.48	ug/l	87
21) trans-1,2-Dichloroethene	5.00	96	40338	19.96	ug/l	87
22) Diisopropyl ether	5.91	45	115420	19.88	ug/l #	94
23) Vinyl Acetate	5.86	43	443008	98.54	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	70883	19.98	ug/l	97
25) 2-Butanone	6.80	43	121210	92.76	ug/l	90
26) 2,2-Dichloropropane	6.79	77	68807	20.17	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	48309	20.79	ug/l	87
28) Bromochloromethane	7.17	49	30889	21.78	ug/l #	72
29) Tetrahydrofuran	7.18	42	75979	93.98	ug/l #	86
30) Chloroform	7.34	83	77633	21.12	ug/l	97
31) Cyclohexane	7.63	56	61974	18.15	ug/l	88
32) 1,1,1-Trichloroethane	7.54	97	70351	20.70	ug/l	96
36) 1,1-Dichloropropene	7.77	75	55465	20.30	ug/l	96
37) Ethyl Acetate	6.89	43	49203	19.20	ug/l	96
38) Carbon Tetrachloride	7.75	117	63108	21.23	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	66589	19.76	ug/l	91
40) Benzene	8.02	78	165701	20.33	ug/l	99
41) Methacrylonitrile	7.18	41	70530	55.87	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	59214	21.43	ug/l	97
43) Isopropyl Acetate	8.14	43	84521	19.17	ug/l #	93
44) Trichloroethene	8.82	130	48874	21.97	ug/l	96
45) 1,2-Dichloropropane	9.10	63	42678	21.16	ug/l	99
46) Dibromomethane	9.19	93	30468	21.42	ug/l	91
47) Bromodichloromethane	9.38	83	61685	21.52	ug/l	99
48) Methyl methacrylate	9.18	41	36258	18.39	ug/l	85
49) 1,4-Dioxane	9.18	88	15249	422.45	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	244828	96.08	ug/l	94
52) Toluene	10.14	92	108710	21.12	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	66779	20.86	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	71529	21.24	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	44064	21.61	ug/l	95
56) Ethyl methacrylate	10.42	69	60074	19.28	ug/l	93
57) 1,3-Dichloropropane	10.70	76	69193	21.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	102337	109.07	ug/l #	90
59) 2-Hexanone	10.74	43	178370	95.01	ug/l	94
60) Dibromochloromethane	10.89	129	50640	21.81	ug/l	100
61) 1,2-Dibromoethane	11.00	107	45416	21.25	ug/l	100
64) Tetrachloroethene	10.62	164	52076	22.44	ug/l	96
65) Chlorobenzene	11.43	112	117705	21.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	46828	21.65	ug/l	99
67) Ethyl Benzene	11.50	91	209460	20.61	ug/l	99
68) m/p-Xylenes	11.61	106	158239	41.23	ug/l	93
69) o-Xylene	11.94	106	77478	20.62	ug/l	93
70) Styrene	11.96	104	124419	19.79	ug/l	97
71) Bromoform	12.12	173	37046	21.38	ug/l #	100
73) Isopropylbenzene	12.24	105	207825	21.10	ug/l	99
74) N-amyl acetate	12.07	43	71241	18.64	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	59153	20.72	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	79229	35.06	ug/l #	100
77) Bromobenzene	12.52	156	52390	21.01	ug/l	82
78) n-propylbenzene	12.59	91	229000	20.72	ug/l	98
79) 2-Chlorotoluene	12.67	91	135813	20.65	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	172667	20.85	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20859	19.82	ug/l	95
82) 4-Chlorotoluene	12.77	91	137369	20.83	ug/l	97
83) tert-Butylbenzene	12.99	119	149087	20.81	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	174045	21.24	ug/l	99
85) sec-Butylbenzene	13.17	105	196539	20.88	ug/l	98
86) p-Isopropyltoluene	13.28	119	182824	21.00	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	92363	21.32	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	90520	20.95	ug/l	97
89) n-Butylbenzene	13.61	91	153355	20.65	ug/l	99
90) Hexachloroethane	13.87	117	33175	20.36	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	90127	21.05	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12296	18.76	ug/l	82

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QLast Update : Sat Jan 18 03:09:32 2020
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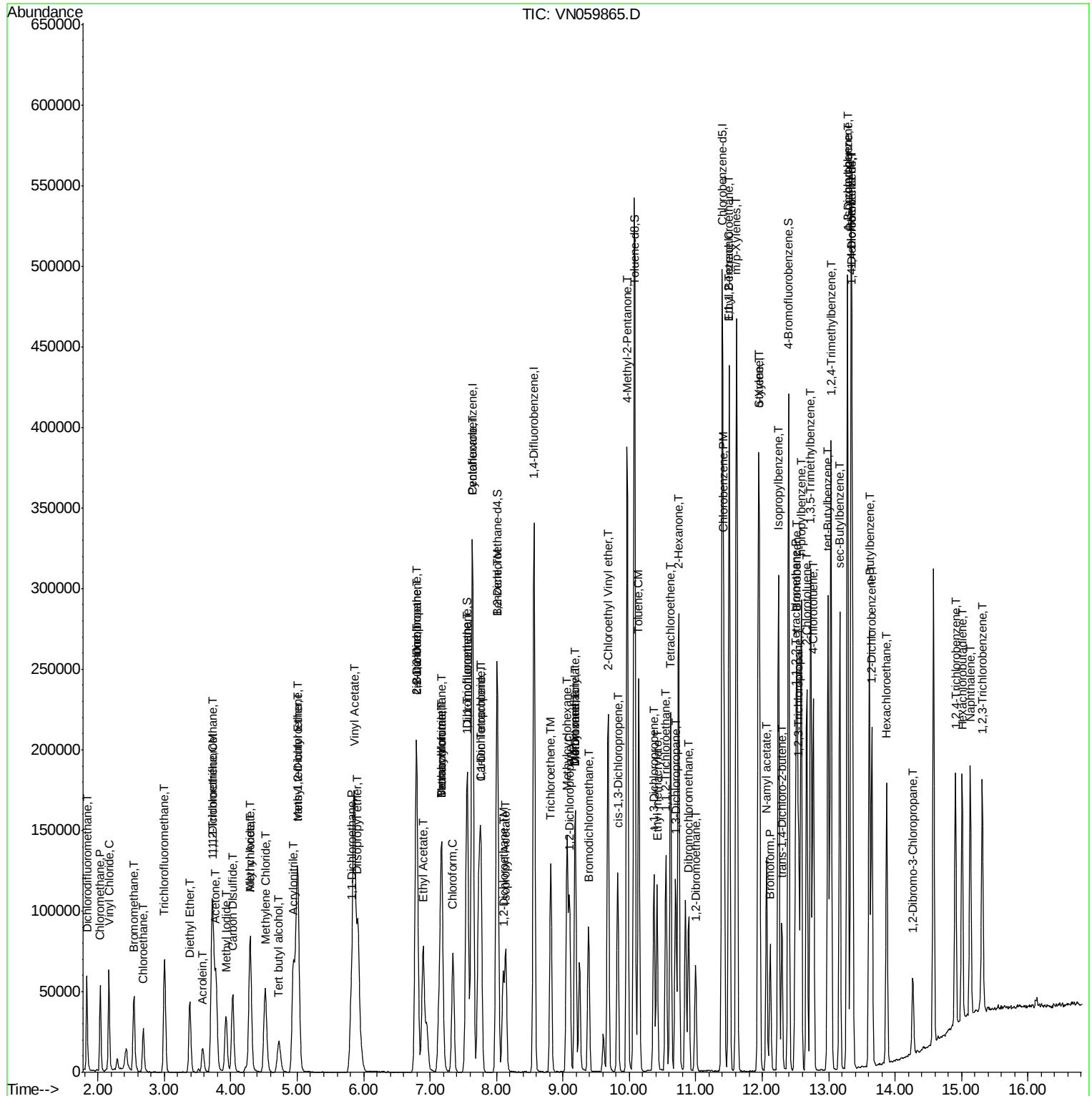
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	52187	20.28	ug/l	99
94) Hexachlorobutadiene	15.01	225	30173	21.28	ug/l	100
95) Naphthalene	15.13	128	133199	18.20	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	50132	20.01	ug/l	99

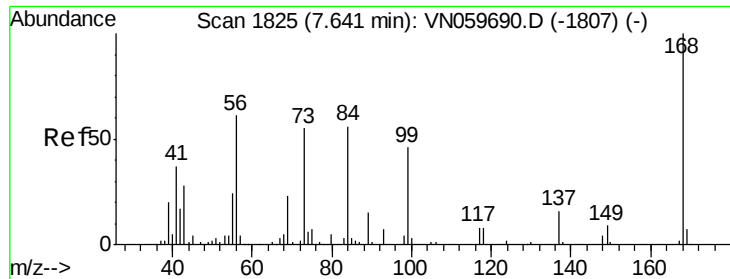
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN012720\
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Sample : VN0127WBS01
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

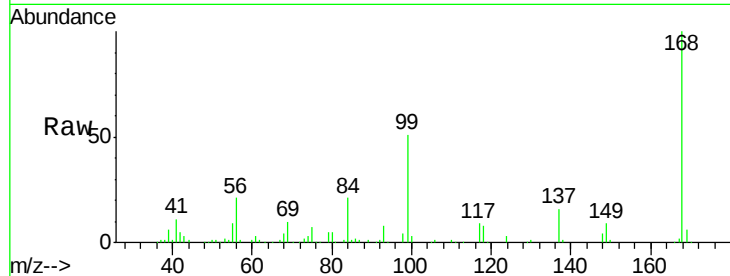
VN0127WBS01

Tgt Ion:168 Resp: 207773

Ion Ratio Lower Upper

168 100

99 51.1 48.2 72.4

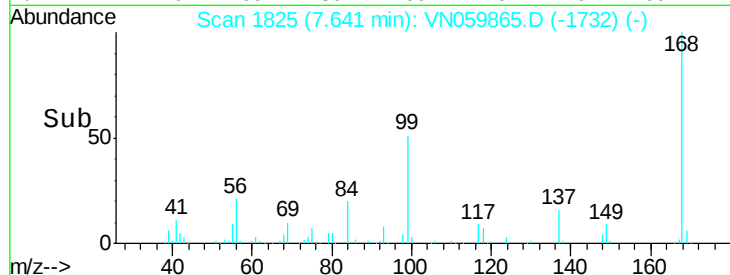


Abundance Ion 167.90 (167.60 to 168.60): VN059690.D (-1807) (-)

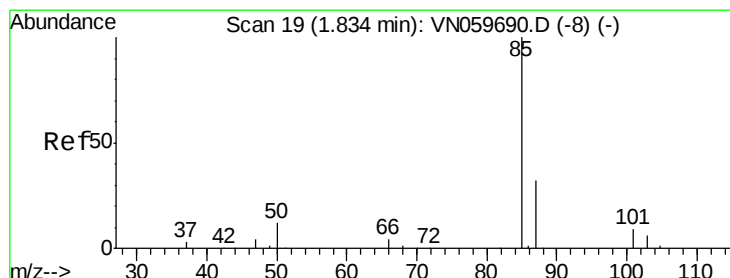
Ion 98.90 (98.60 to 99.60): VN059690.D (-1807) (-)

7.64

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 18.71 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059865.D

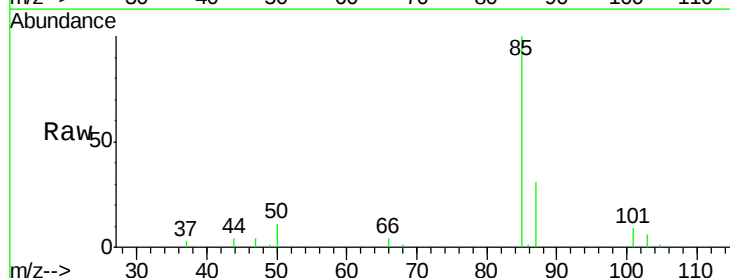
Acq: 27 Jan 2020 12:11

Tgt Ion: 85 Resp: 46624

Ion Ratio Lower Upper

85 100

87 31.3 15.9 47.7

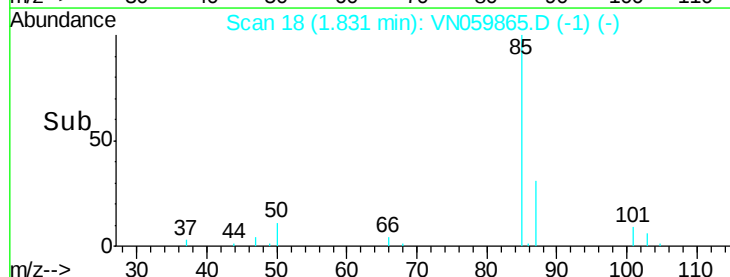


Abundance Ion 84.90 (84.60 to 85.60): VN059690.D (-8) (-)

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

1.83

Time-->



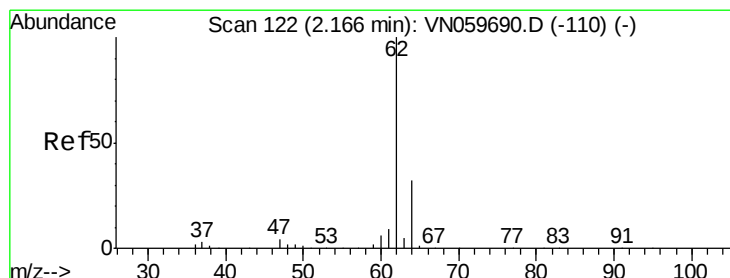
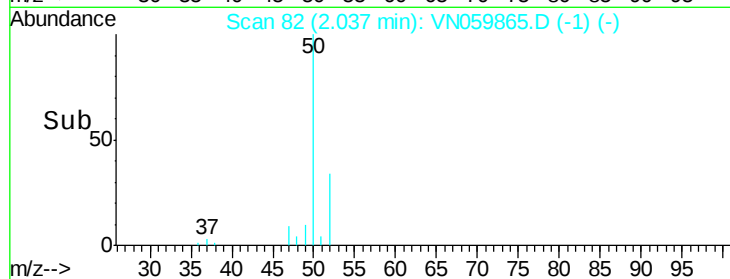
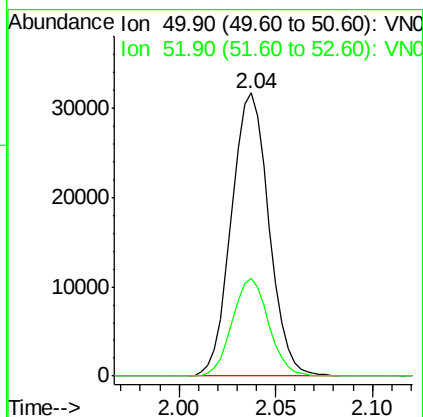
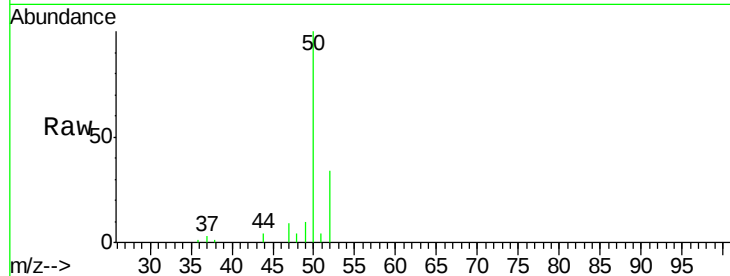
Time-->



#3
Chloromethane
Concen: 17.94 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

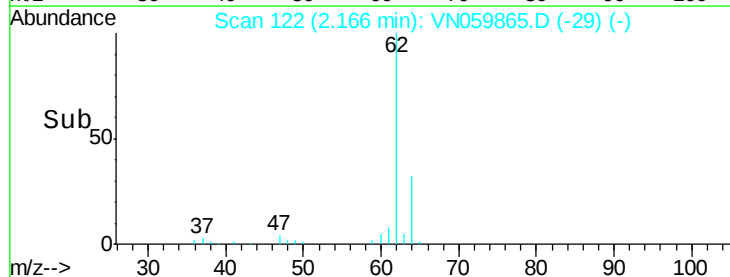
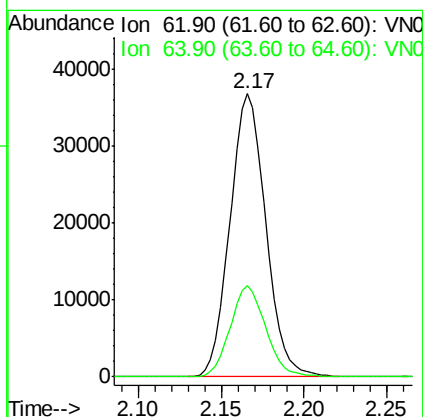
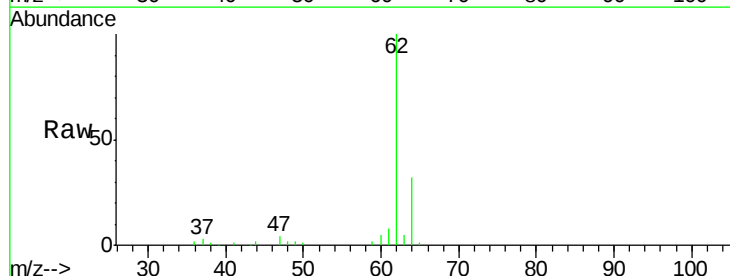
Instrument :
MSVOA_N
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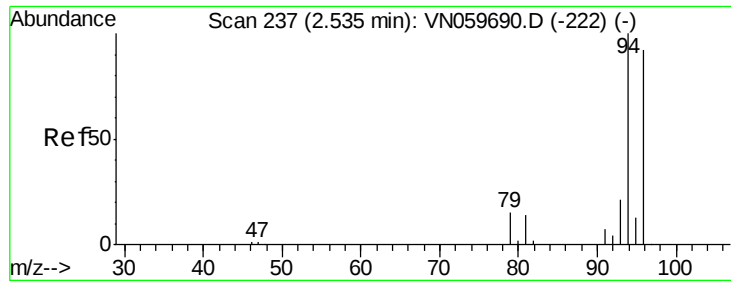
Tgt Ion: 50 Resp: 42675
Ion Ratio Lower Upper
50 100
52 34.4 25.9 38.9



#4
Vinyl Chloride
Concen: 20.32 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 62 Resp: 55305
Ion Ratio Lower Upper
62 100
64 32.1 24.6 37.0





#5

Bromomethane

Concen: 20.39 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

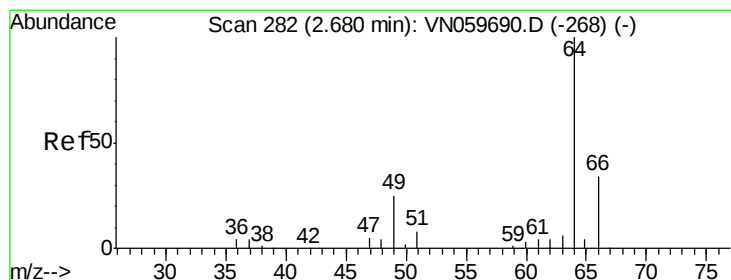
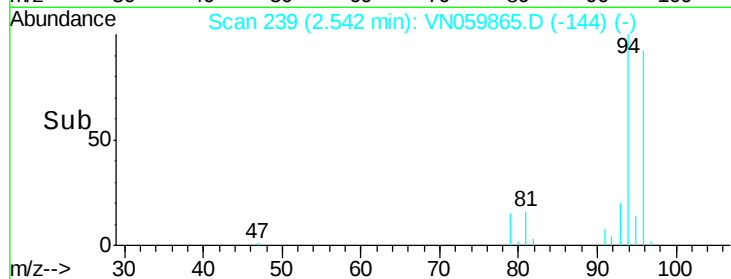
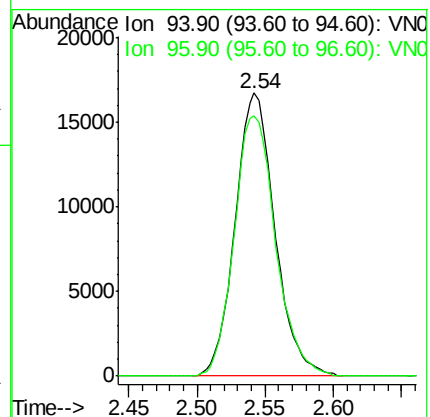
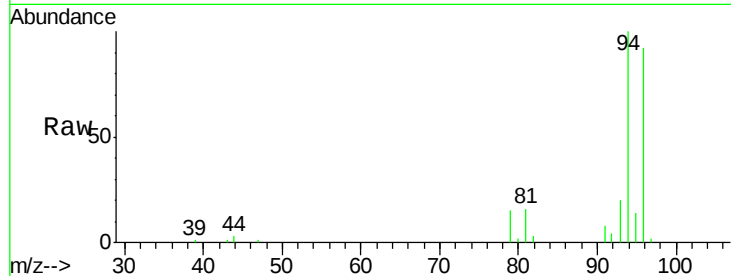
VN0127WBS01

Tgt Ion: 94 Resp: 33865

Ion Ratio Lower Upper

94 100

96 91.9 74.7 112.1



#6

Chloroethane

Concen: 20.51 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059865.D

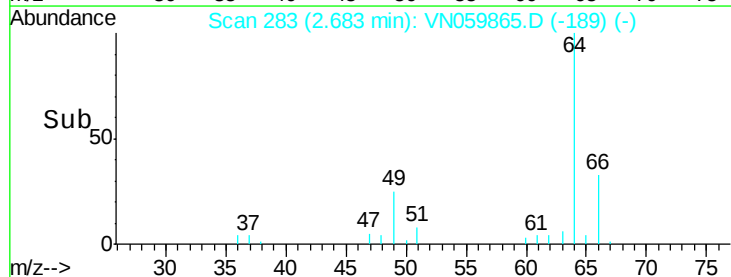
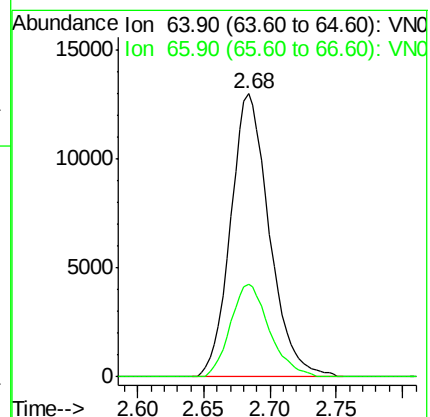
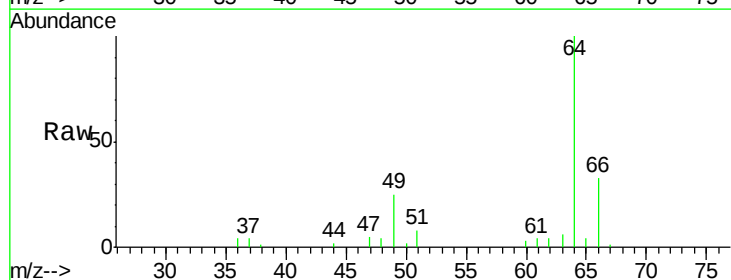
Acq: 27 Jan 2020 12:11

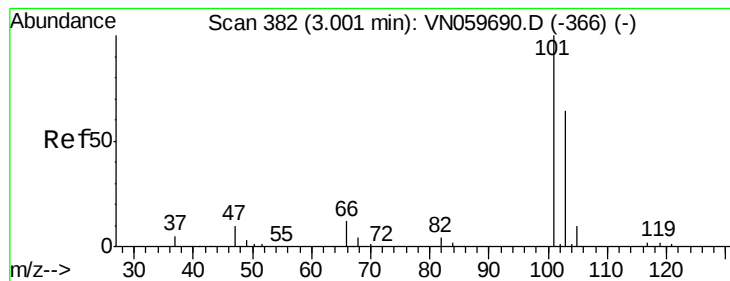
Tgt Ion: 64 Resp: 26404

Ion Ratio Lower Upper

64 100

66 32.9 25.1 37.7



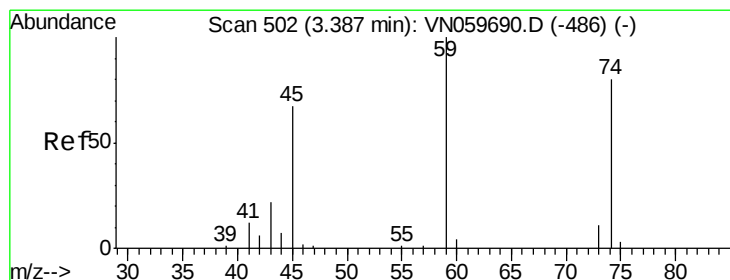
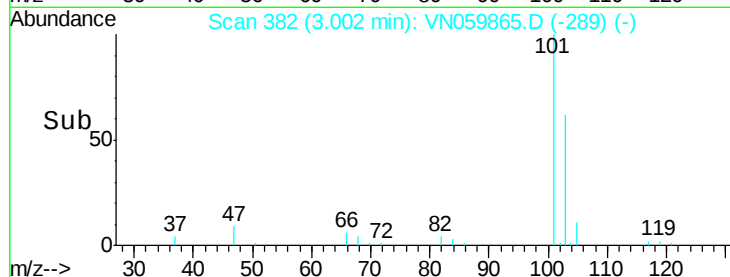
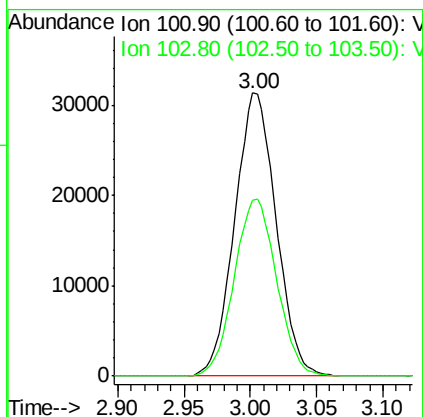
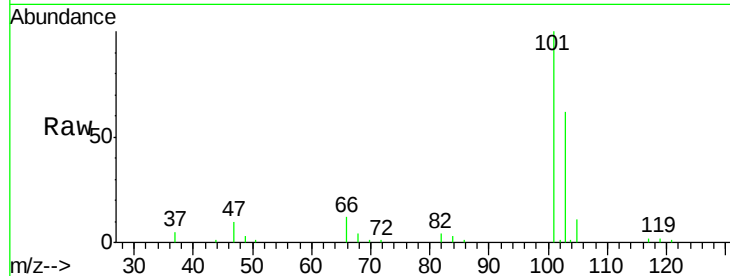


#7

Trichlorofluoromethane
Concen: 20.81 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
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ClientSampleId :
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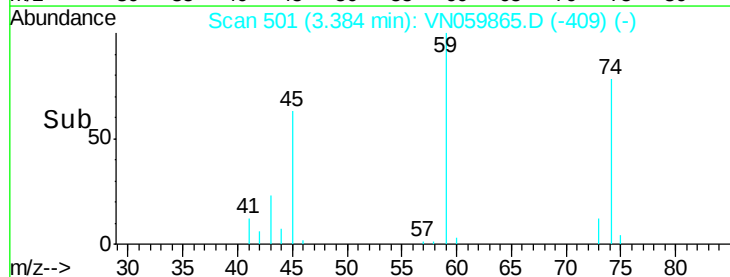
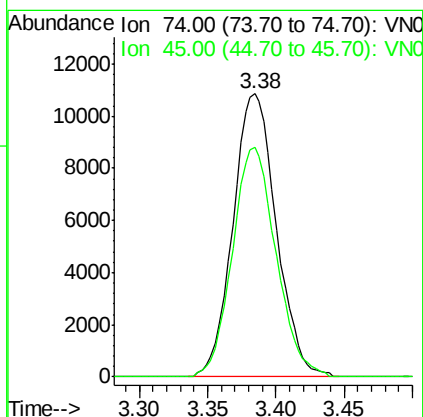
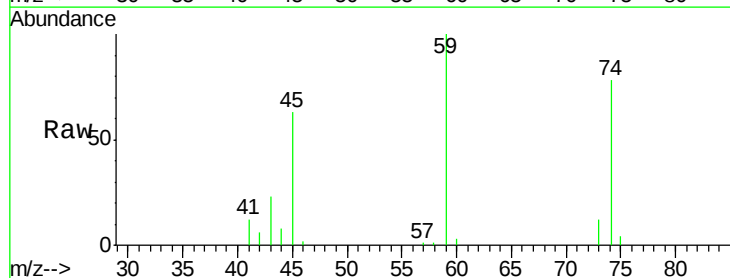
Tgt Ion: 101 Resp: 68035
Ion Ratio Lower Upper
101 100
103 62.1 51.0 76.6



#8

Diethyl Ether
Concen: 20.88 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 74 Resp: 23956
Ion Ratio Lower Upper
74 100
45 81.7 51.9 155.8

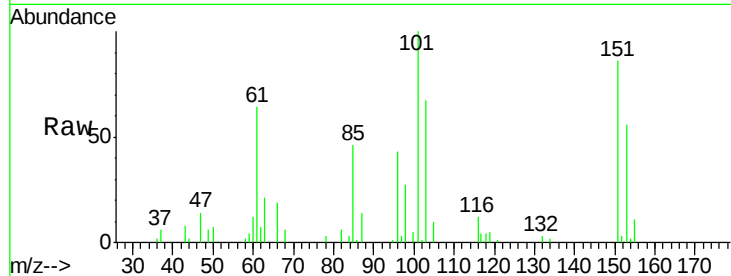




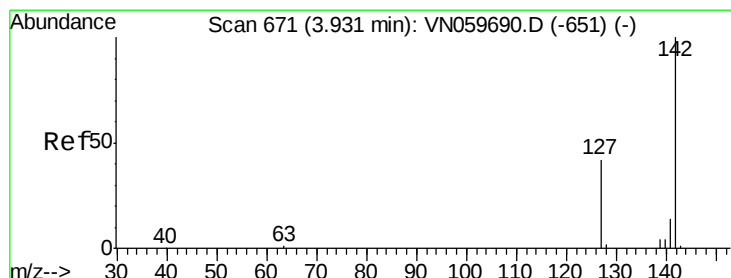
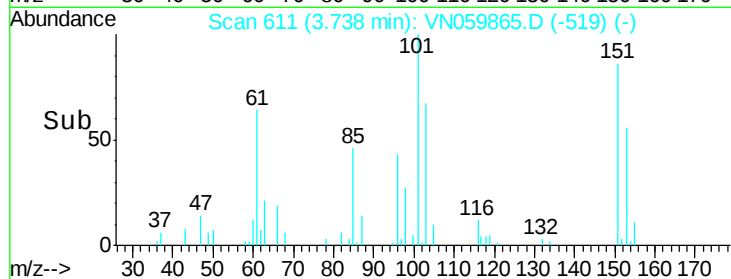
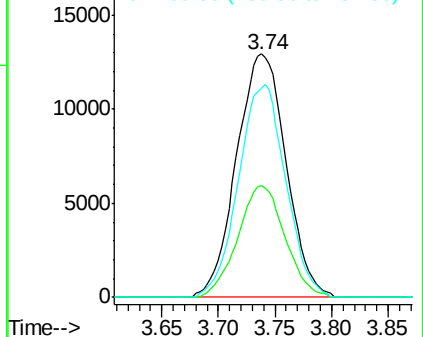
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.64 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:101 Resp: 39366
 Ion Ratio Lower Upper
 101 100
 85 43.6 36.6 54.8
 151 83.4 59.7 89.5

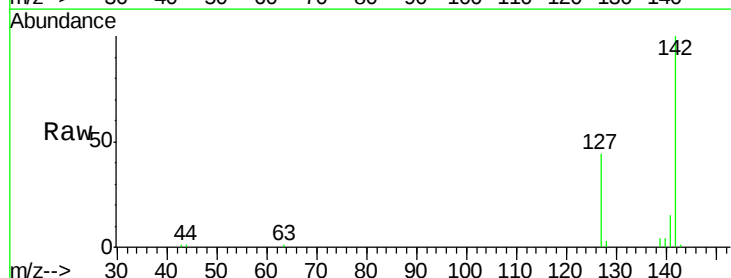


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

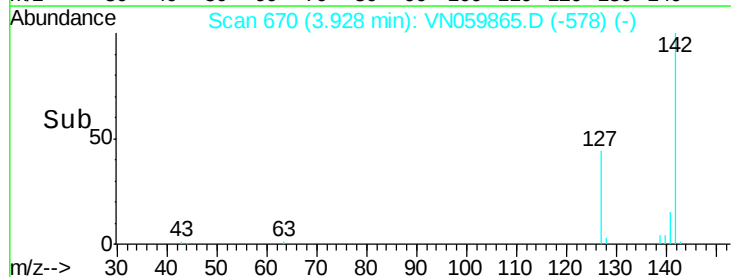
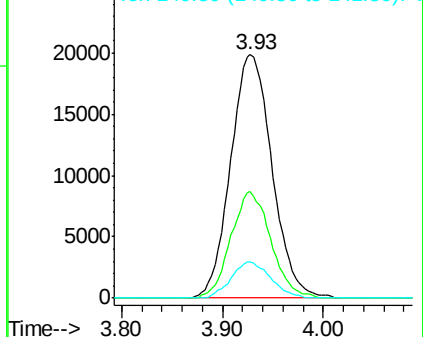


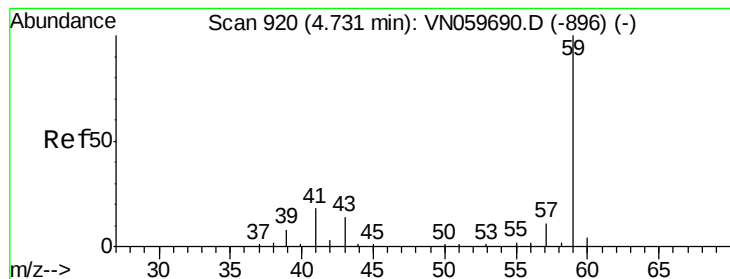
#10
 Methyl Iodide
 Concen: 19.27 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion:142 Resp: 56660
 Ion Ratio Lower Upper
 142 100
 127 42.0 36.7 55.1
 141 14.3 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



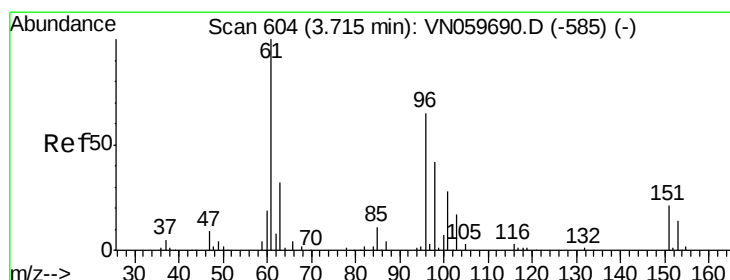
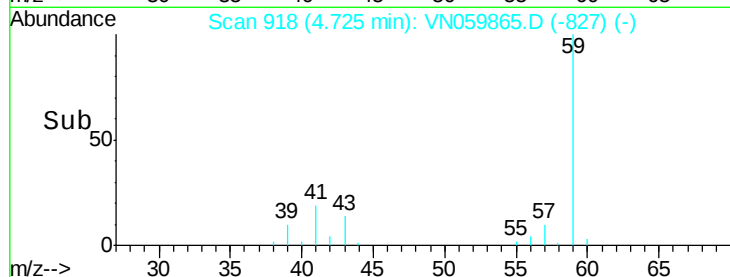
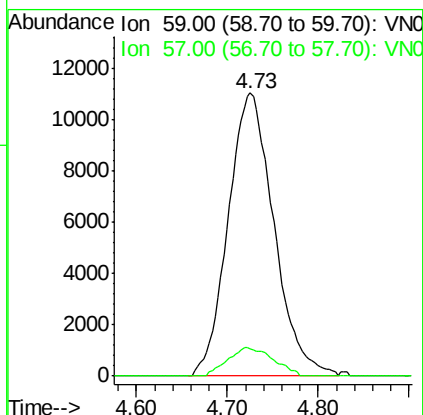
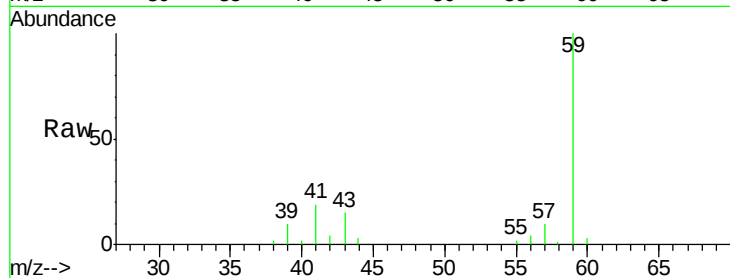


#11

Tert butyl alcohol
Concen: 99.33 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

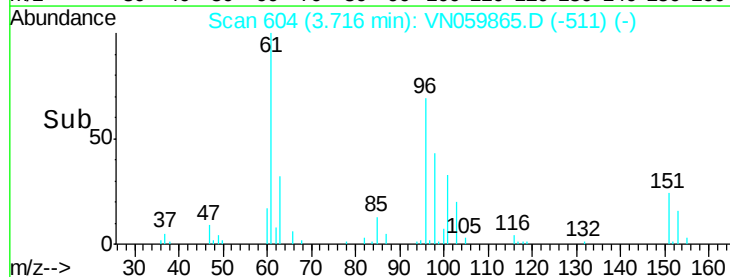
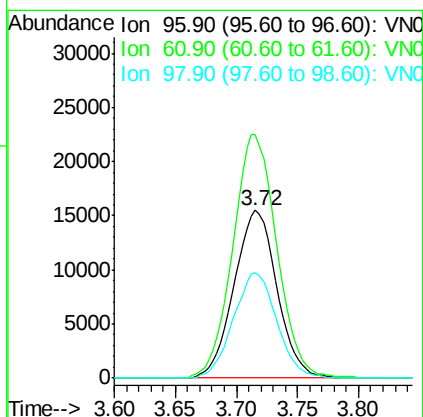
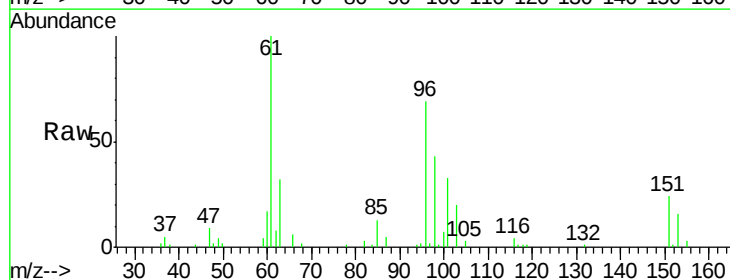
Tgt Ion: 59 Resp: 38583
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8



#12

1,1-Dichloroethene
Concen: 19.86 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 96 Resp: 37744
Ion Ratio Lower Upper
96 100
61 145.3 137.5 206.3
98 62.9 50.2 75.4





#13

Acrolein

Concen: 63.90 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

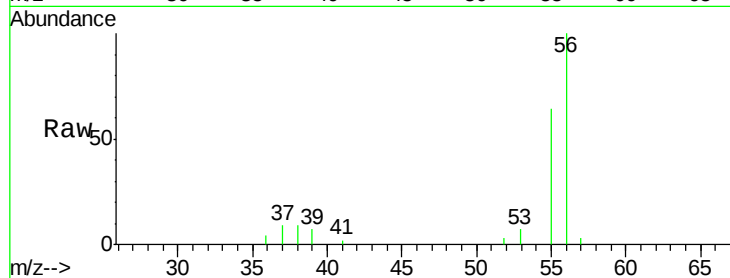
VN0127WBS01

Tgt Ion: 56 Resp: 17571

Ion Ratio Lower Upper

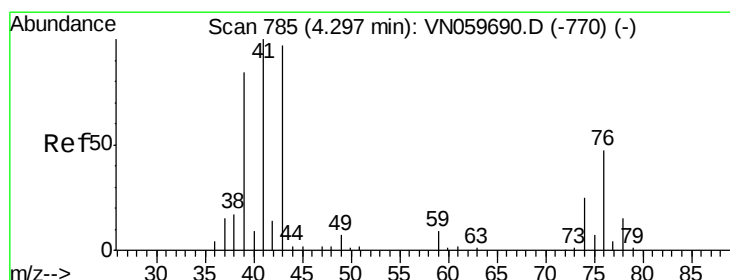
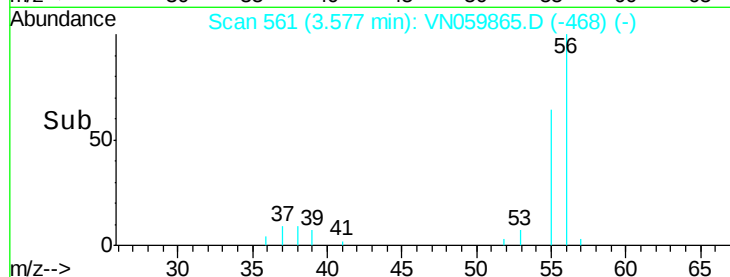
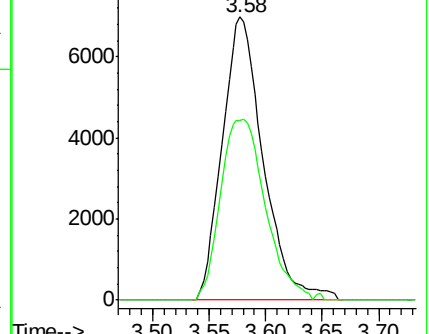
56 100

55 69.6 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: 19.30 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

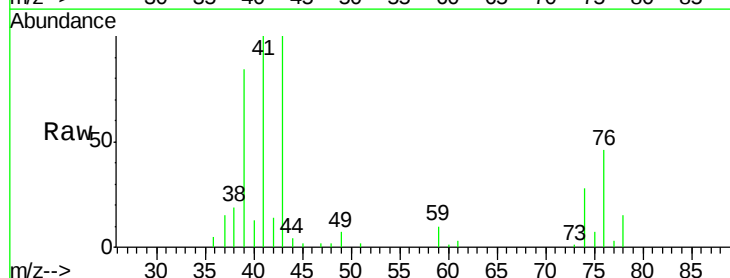
Tgt Ion: 41 Resp: 49460

Ion Ratio Lower Upper

41 100

39 84.1 57.8 86.8

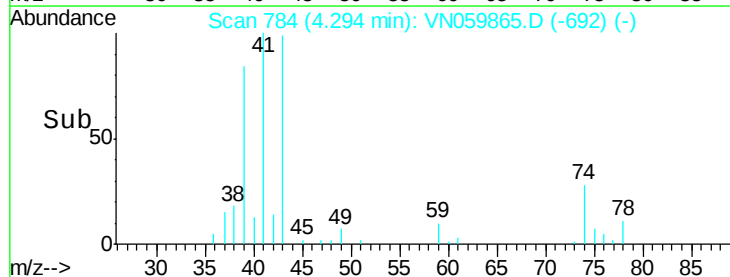
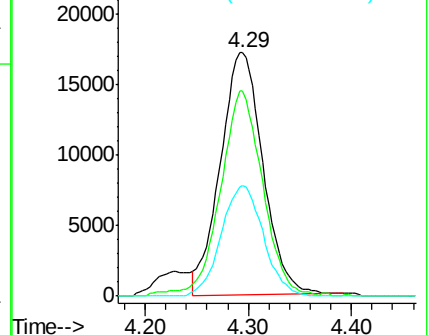
76 44.9 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 101.46 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBS01

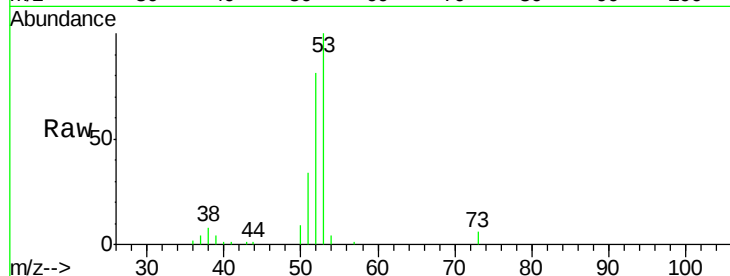
Tgt Ion: 53 Resp: 89900

Ion Ratio Lower Upper

53 100

52 80.6 66.3 99.5

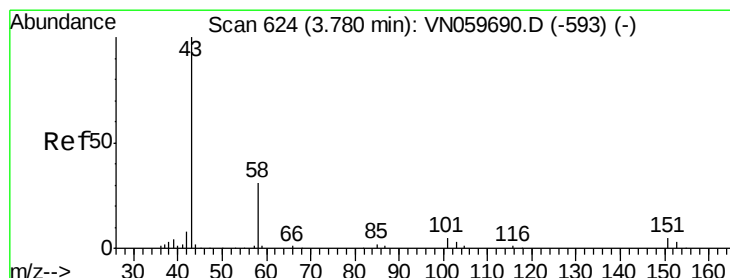
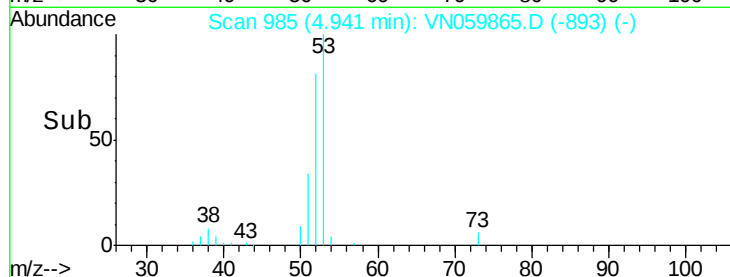
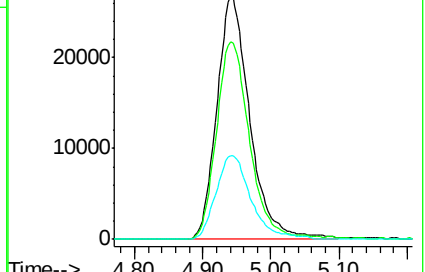
51 36.7 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059690.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN059690.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN059690.D (-964) (-)



#16

Acetone

Concen: 109.55 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN059865.D

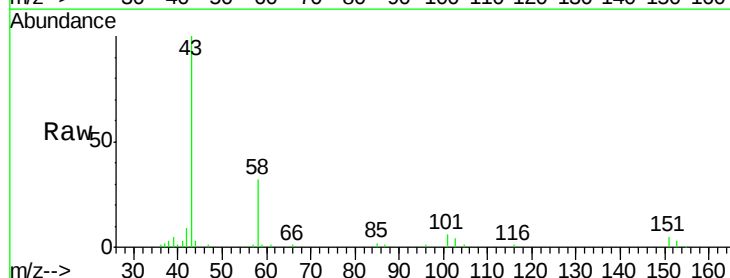
Acq: 27 Jan 2020 12:11

Tgt Ion: 43 Resp: 90641

Ion Ratio Lower Upper

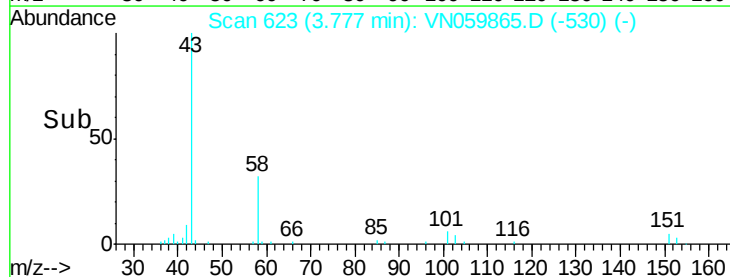
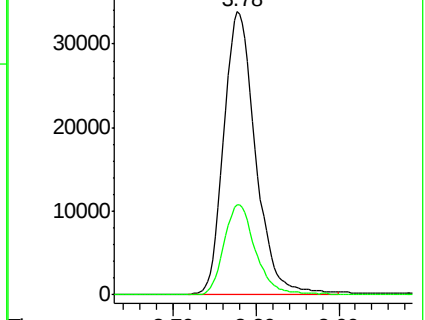
43 100

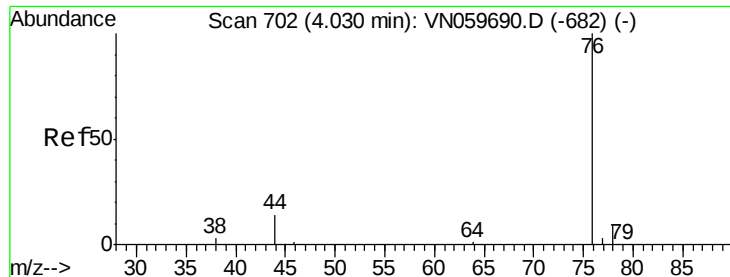
58 32.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059690.D (-593) (-)





#17

Carbon Disulfide

Concen: 17.68 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

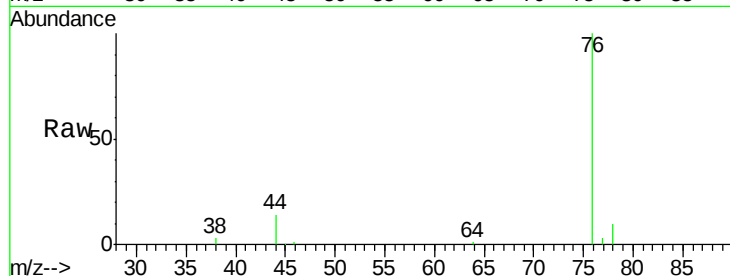
VN0127WBS01

Tgt Ion: 76 Resp: 95758

Ion Ratio Lower Upper

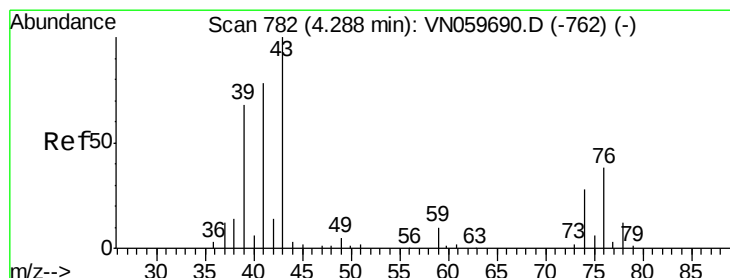
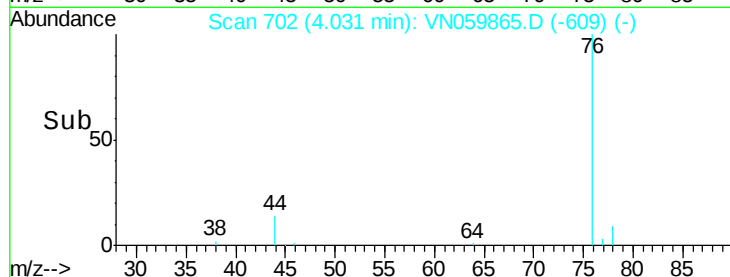
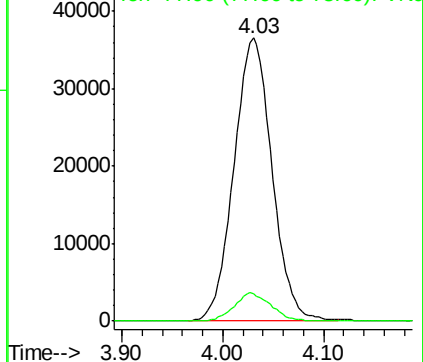
76 100

78 9.6 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 20.03 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN059865.D

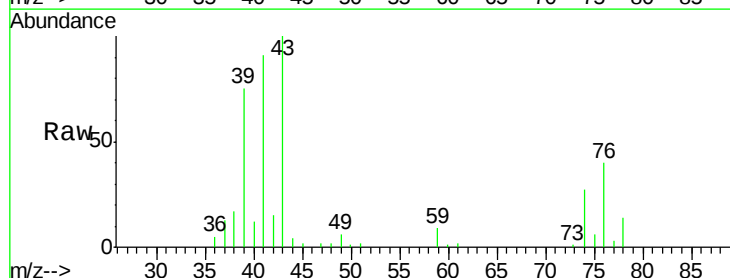
Acq: 27 Jan 2020 12:11

Tgt Ion: 43 Resp: 53980

Ion Ratio Lower Upper

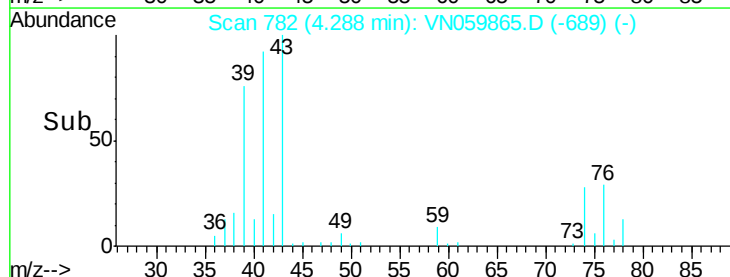
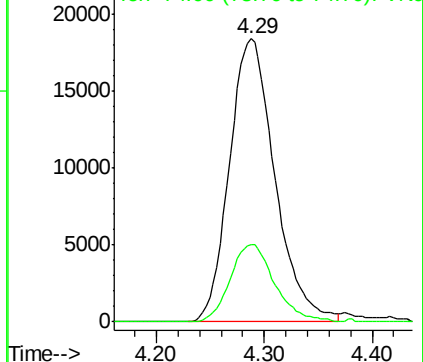
43 100

74 26.7 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

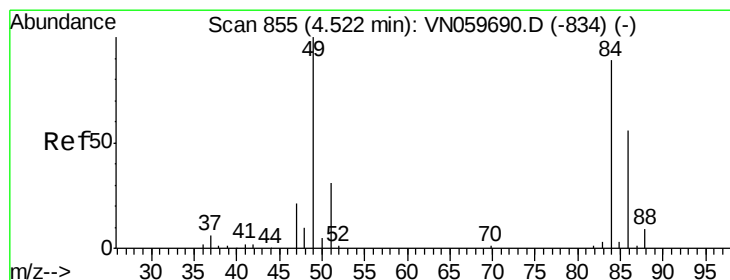
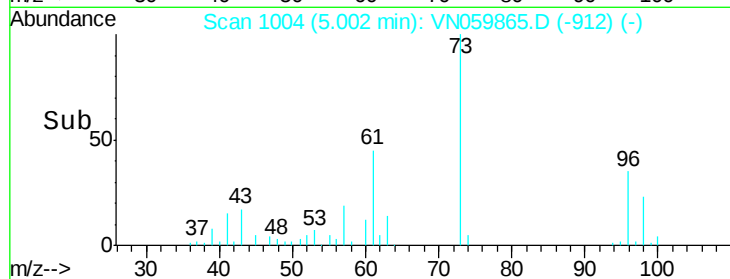
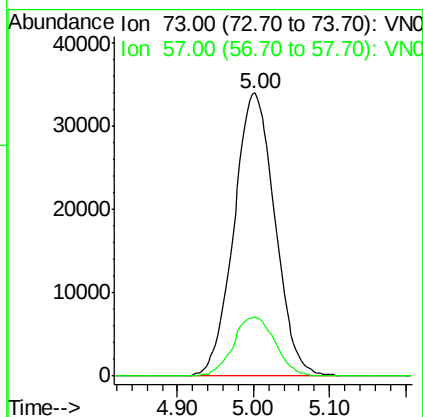
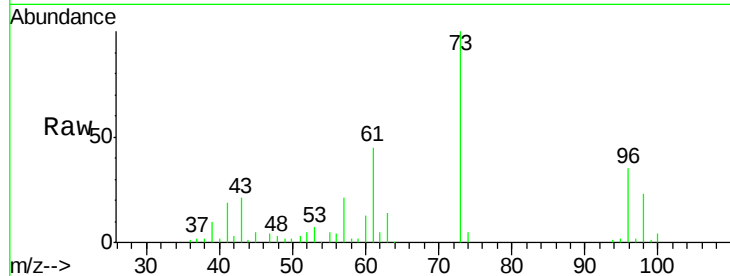




#19
Methyl tert-butyl Ether
Concen: 20.54 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

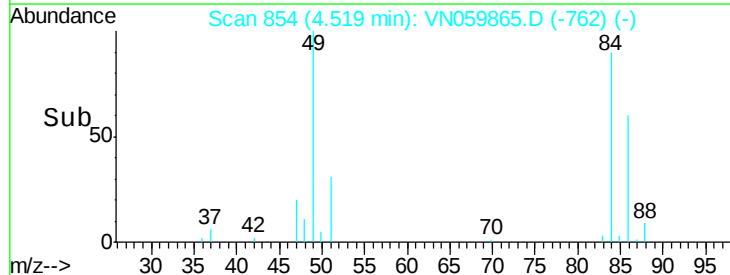
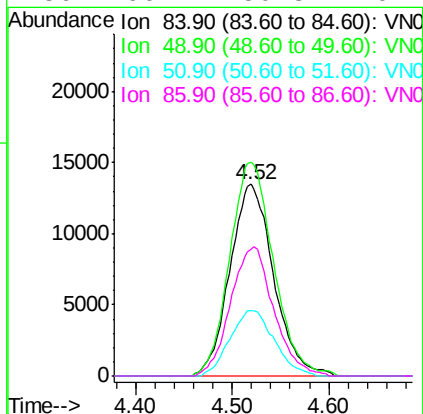
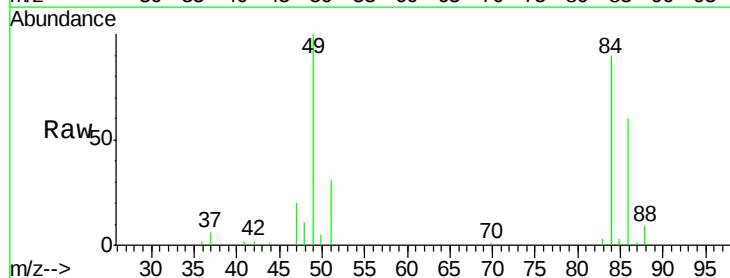
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

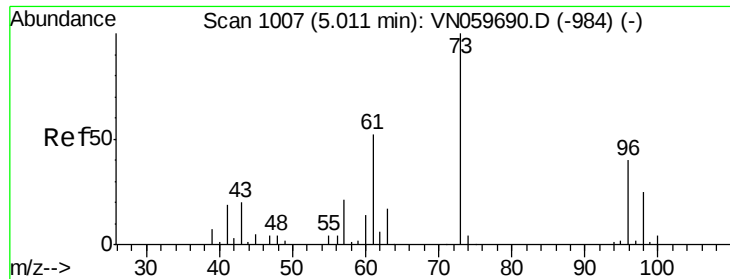
Tgt Ion: 73 Resp: 127284
Ion Ratio Lower Upper
73 100
57 20.8 18.6 27.8



#20
Methylene Chloride
Concen: 19.48 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 84 Resp: 42312
Ion Ratio Lower Upper
84 100
49 111.4 106.6 160.0
51 34.2 31.9 47.9
86 66.4 50.8 76.2

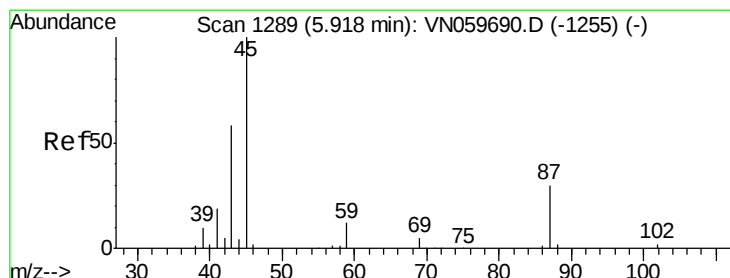
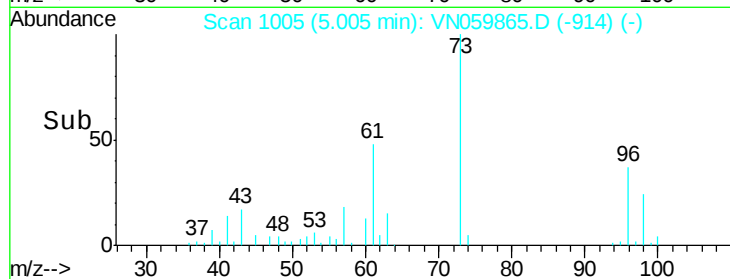
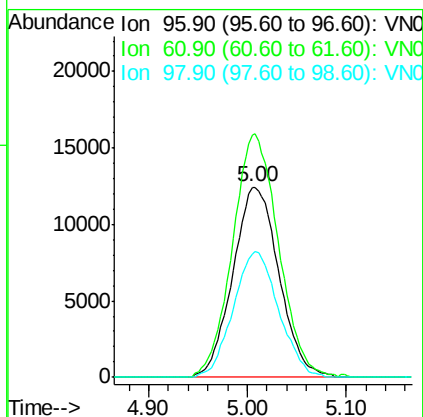
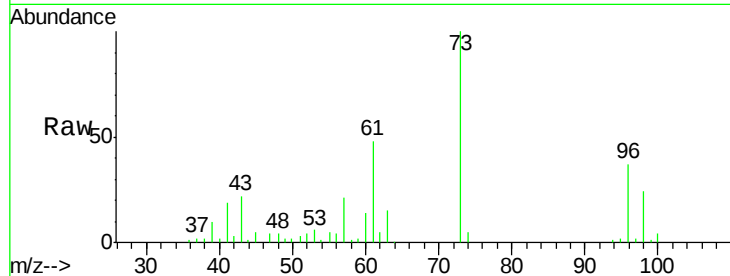




#21
trans-1,2-Dichloroethene
Concen: 19.96 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

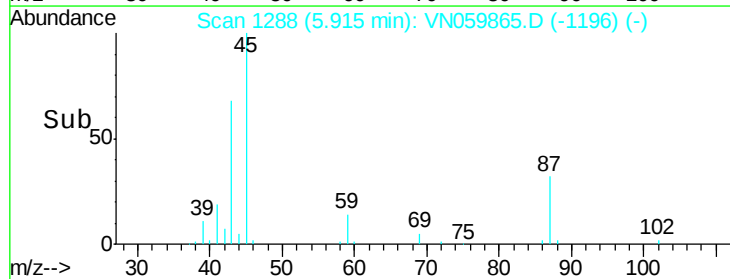
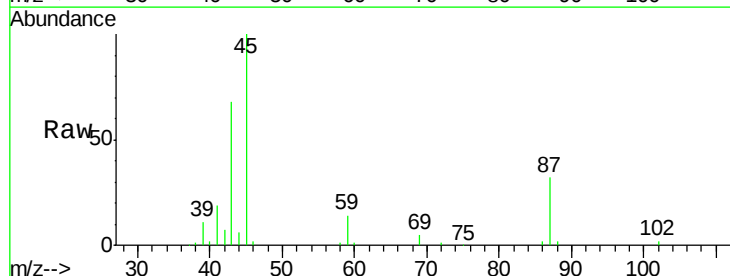
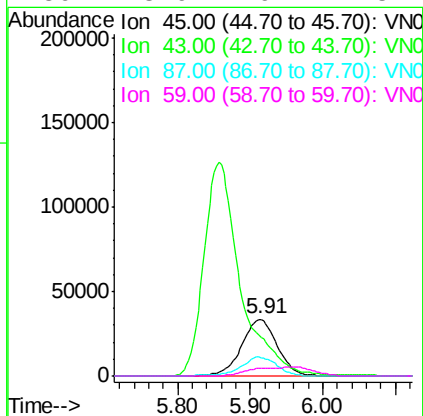
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

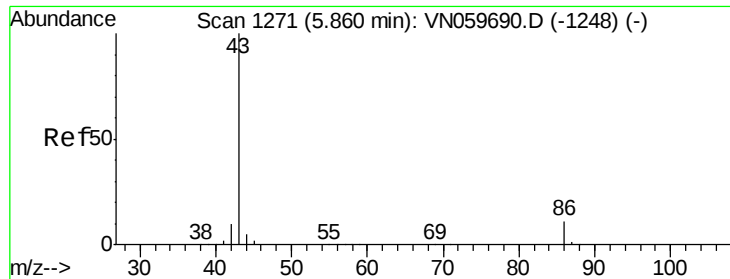
Tgt Ion: 96 Resp: 40338
Ion Ratio Lower Upper
96 100
61 127.3 120.4 180.6
98 64.8 50.6 75.8



#22
Diisopropyl ether
Concen: 19.88 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 45 Resp: 115420
Ion Ratio Lower Upper
45 100
43 66.4 50.8 76.2
87 32.3 21.0 31.6#
59 13.9 9.1 13.7#





#23

Vinyl Acetate

Concen: 98.54 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampled :

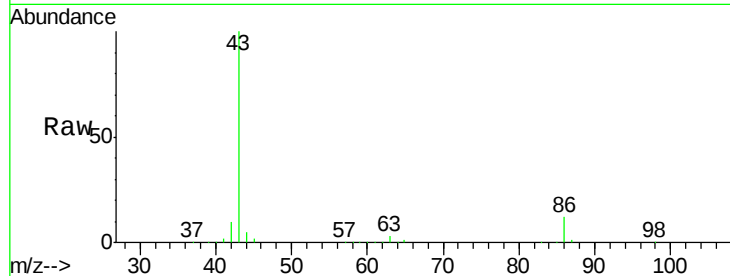
VN0127WBS01

Tgt Ion: 43 Resp: 443008

Ion Ratio Lower Upper

43 100

86 11.9 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VN059865.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN059865.D (-1178) (-)

5.86

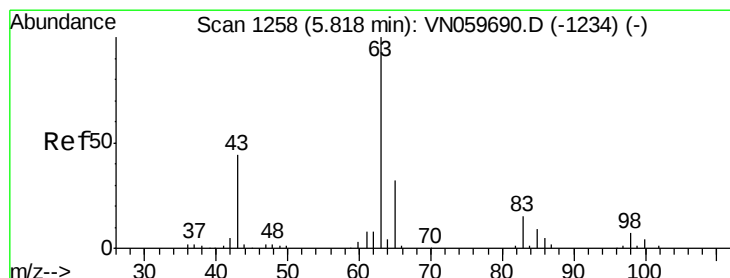
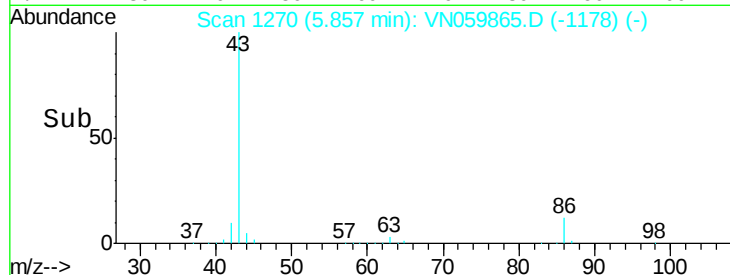
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.98 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

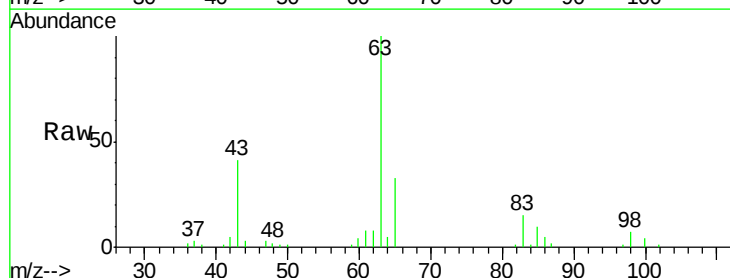
Tgt Ion: 63 Resp: 70883

Ion Ratio Lower Upper

63 100

98 7.4 2.9 8.7

100 4.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN059865.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059865.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059865.D (-1165) (-)

5.82

30000

25000

20000

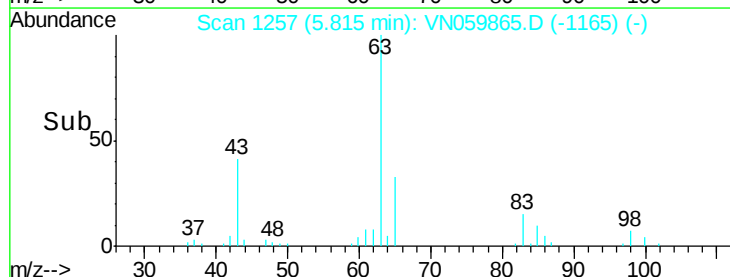
15000

10000

5000

0

Time-->





#25

2-Butanone

Concen: 92.76 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

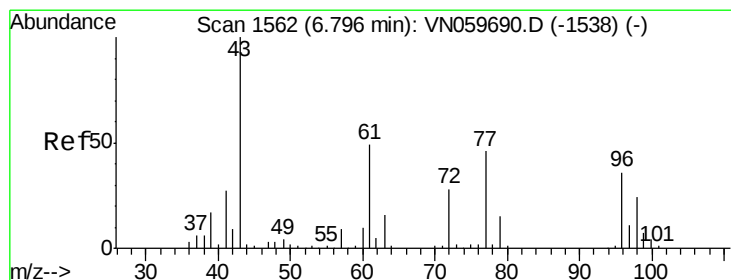
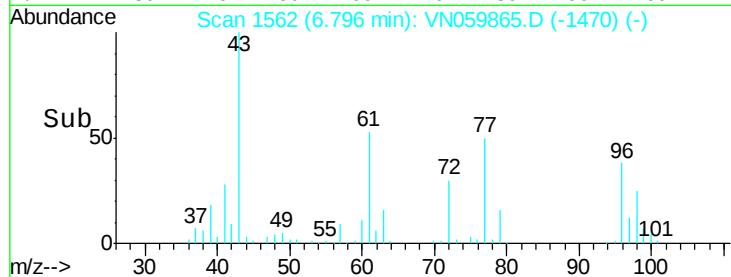
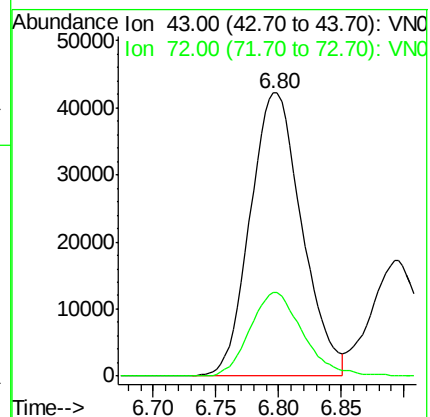
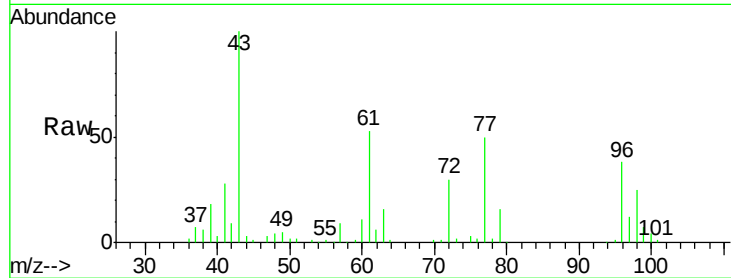
VN0127WBS01

Tgt Ion: 43 Resp: 121210

Ion Ratio Lower Upper

43 100

72 29.8 19.9 29.9



#26

2,2-Dichloropropane

Concen: 20.17 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059865.D

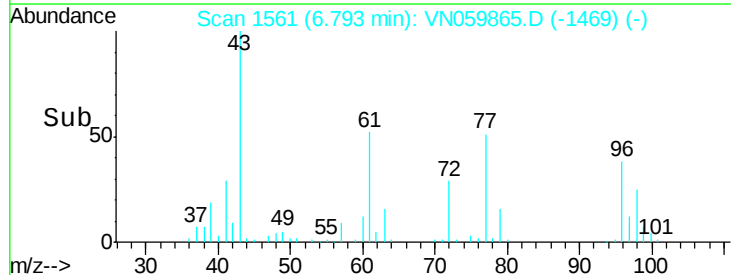
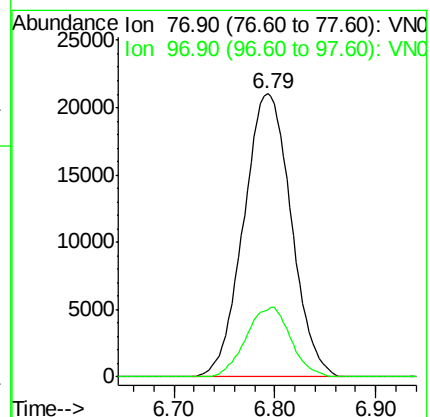
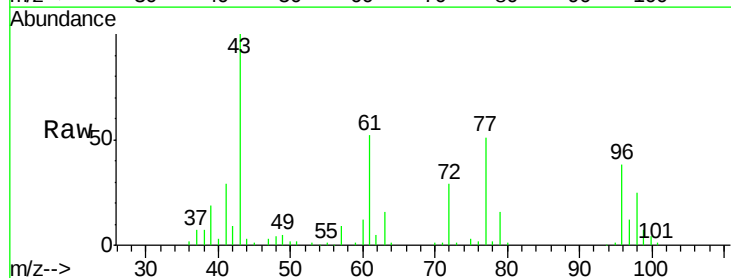
Acq: 27 Jan 2020 12:11

Tgt Ion: 77 Resp: 68807

Ion Ratio Lower Upper

77 100

97 23.1 10.7 31.9

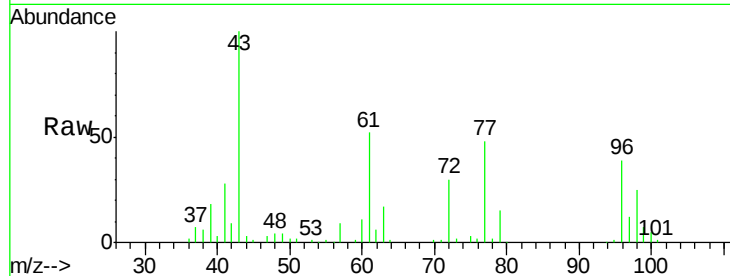




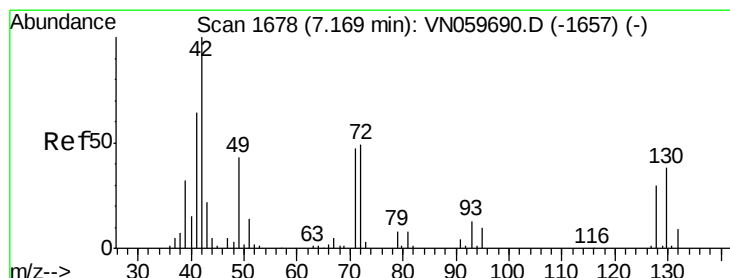
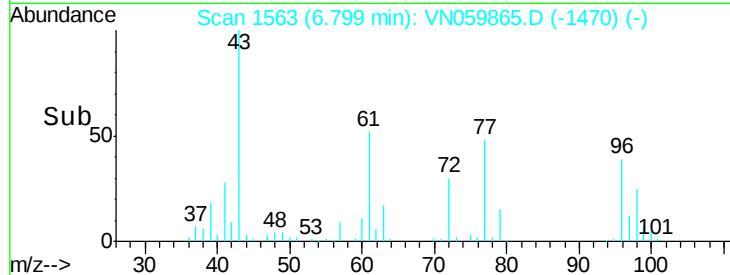
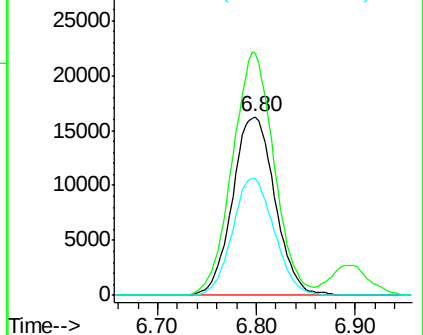
#27
 cis-1,2-Dichloroethene
 Concen: 20.79 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Tgt Ion: 96 Resp: 48309
 Ion Ratio Lower Upper
 96 100
 61 134.6 0.0 317.6
 98 64.4 0.0 127.0

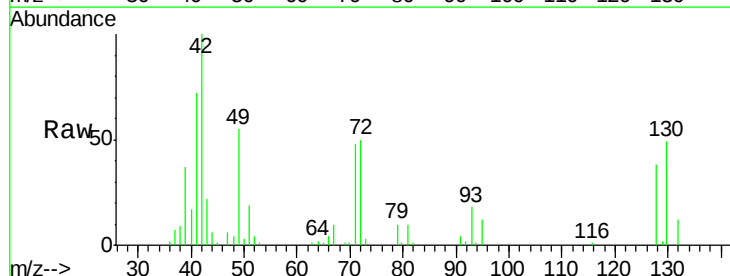


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

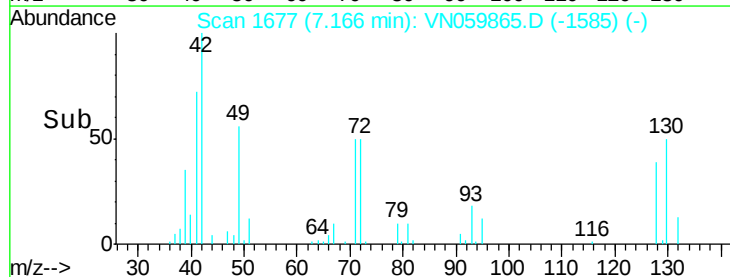
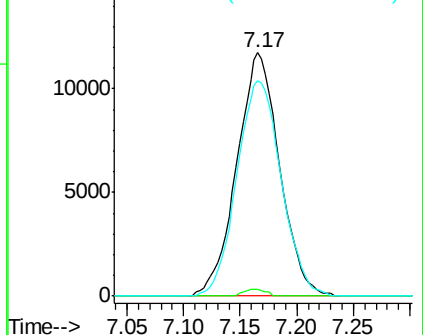


#28
 Bromochloromethane
 Concen: 21.78 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion: 49 Resp: 30889
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.4
 130 91.6 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

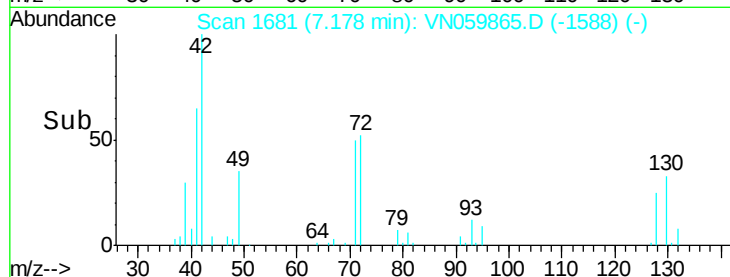
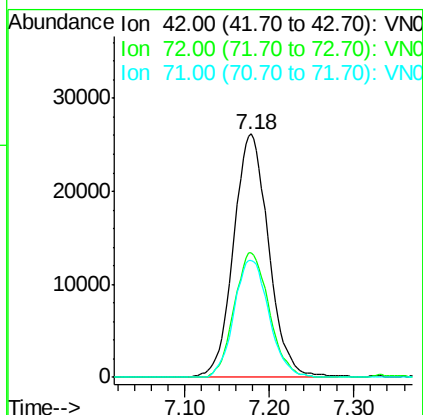
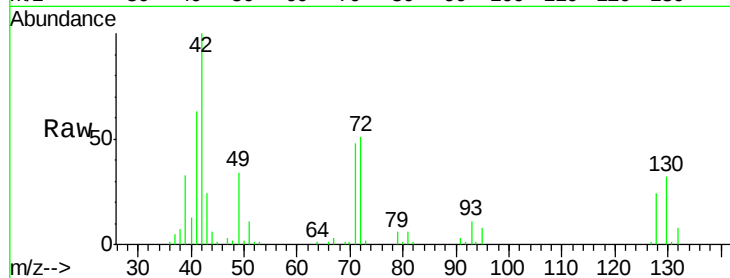




#29
Tetrahydrofuran
Concen: 93.98 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

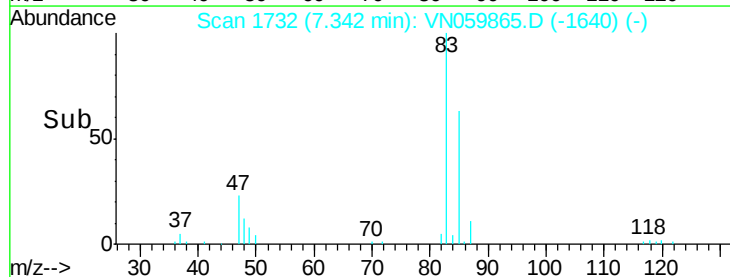
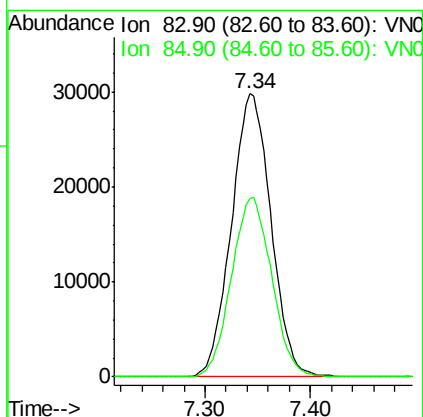
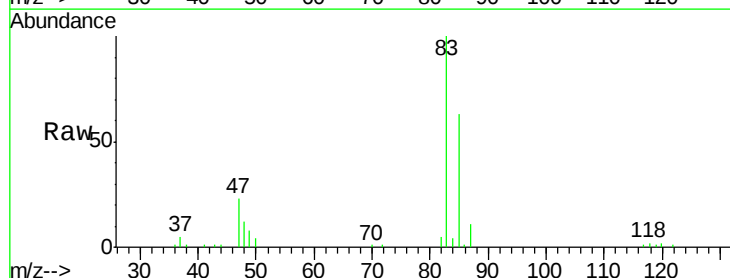
Instrument :
MSVOA_N
ClientSampled :
VN0127WBS01

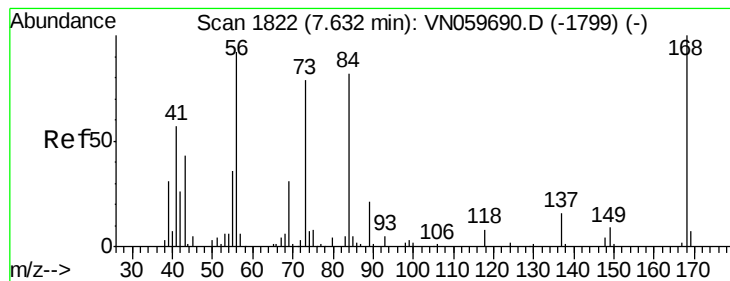
Tgt Ion: 42 Resp: 75979
Ion Ratio Lower Upper
42 100
72 50.5 33.1 49.7#
71 47.6 31.4 47.0#



#30
Chloroform
Concen: 21.12 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 83 Resp: 77633
Ion Ratio Lower Upper
83 100
85 63.1 52.4 78.6





#31

Cyclohexane

Concen: 18.15 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBS01

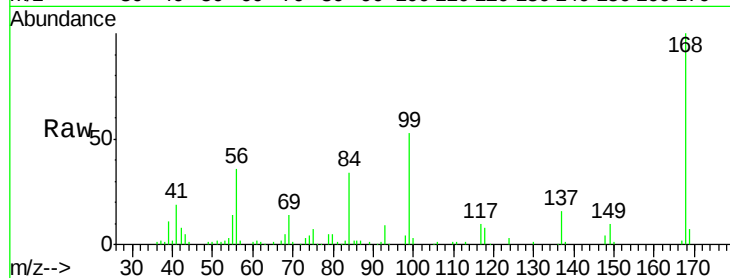
Tgt Ion: 56 Resp: 61974

Ion Ratio Lower Upper

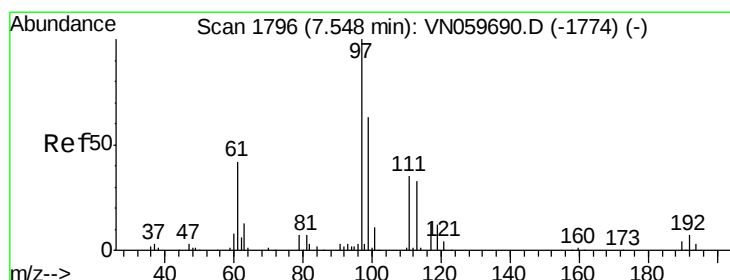
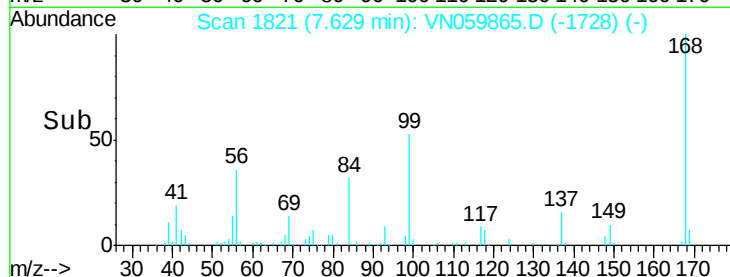
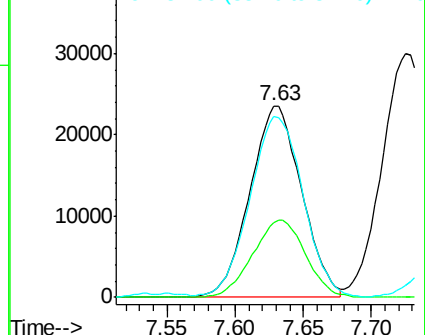
56 100

69 39.4 26.5 39.7

84 93.3 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: 20.70 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

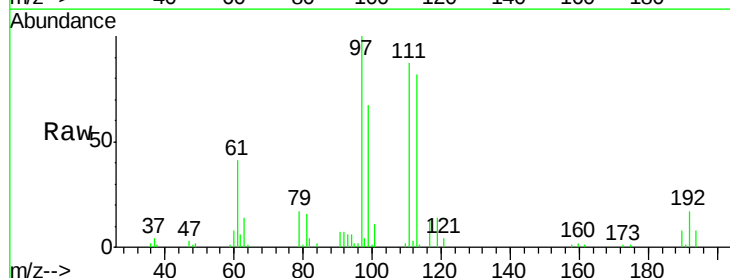
Tgt Ion: 97 Resp: 70351

Ion Ratio Lower Upper

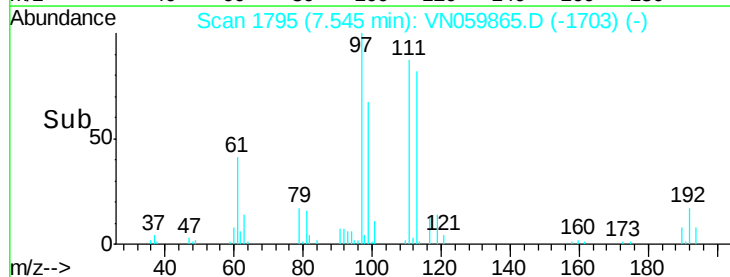
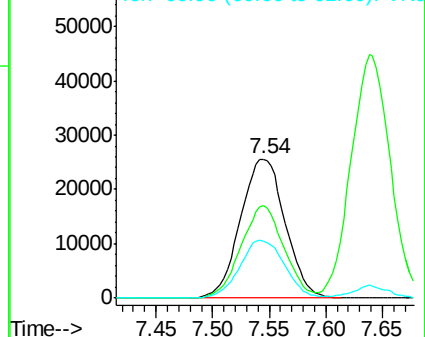
97 100

99 63.6 51.0 76.4

61 41.9 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

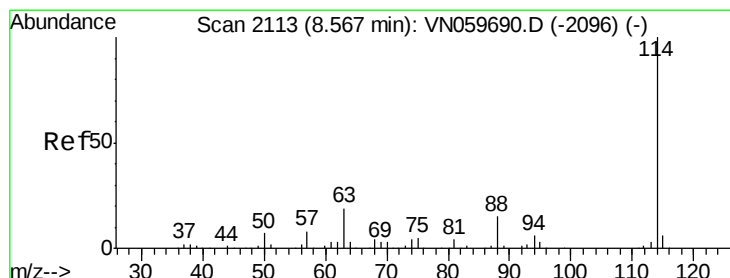
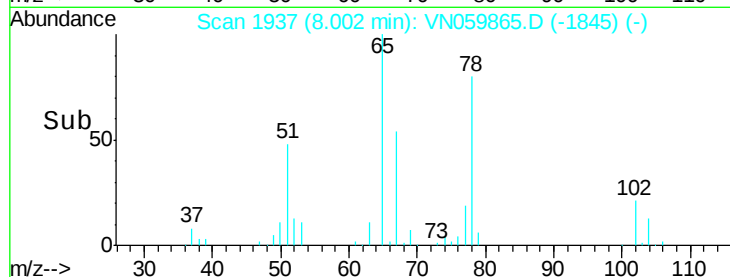
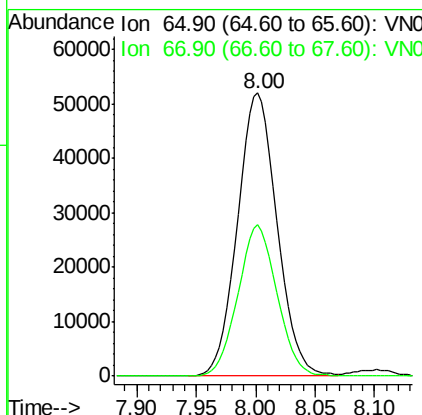
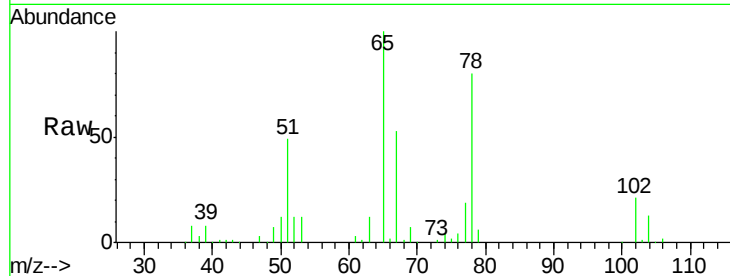




#33
 1,2-Dichloroethane-d4
 Concen: 51.98 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

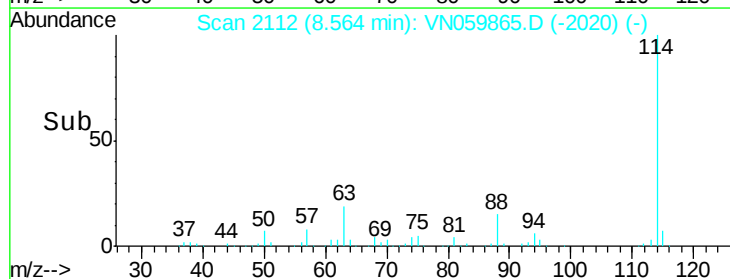
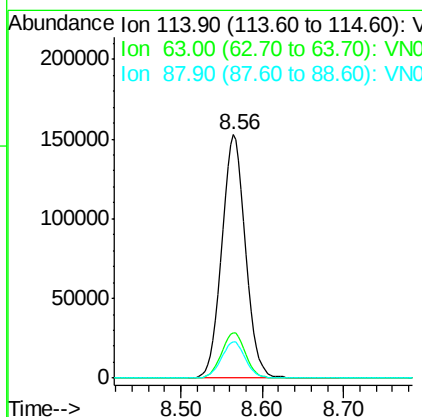
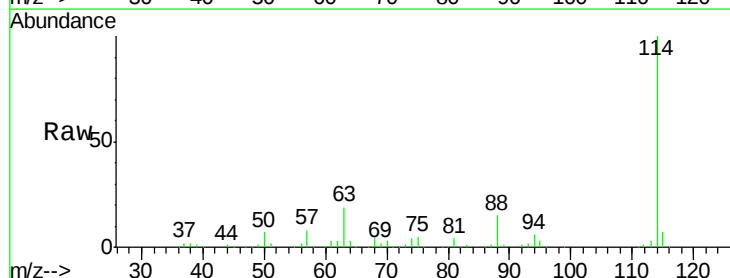
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

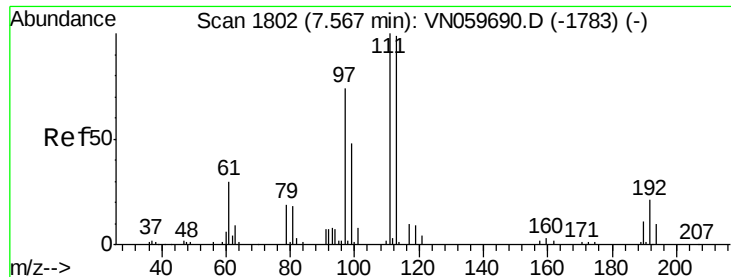
Tgt Ion: 65 Resp: 119935
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion: 114 Resp: 313780
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 43.6
 88 15.0 0.0 31.4

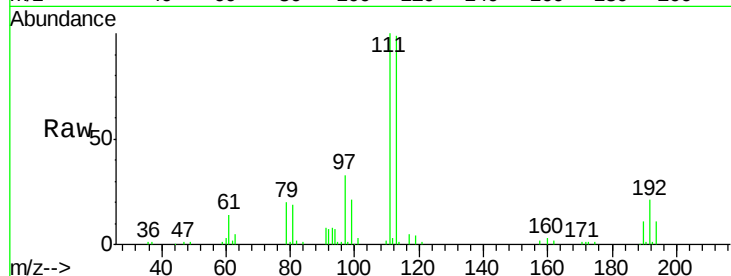




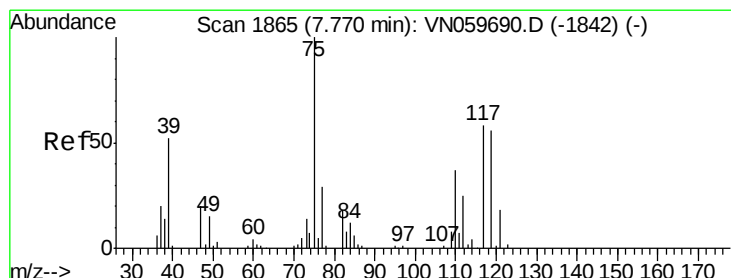
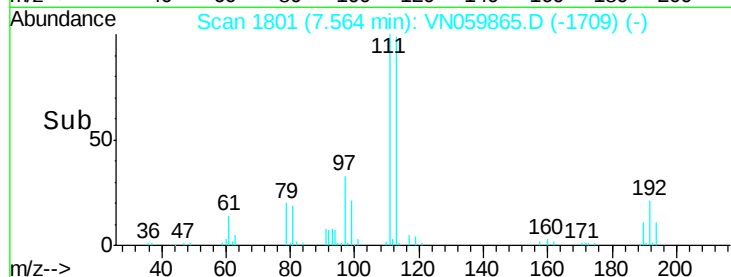
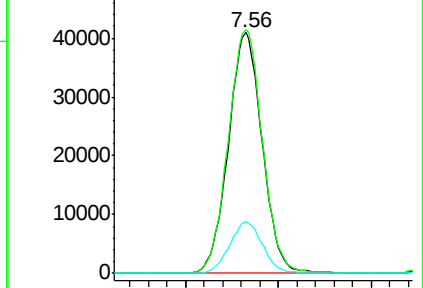
#35
 Dibromofluoromethane
 Concen: 55.27 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Instrument :
 MSVOA_N
 ClientSampled :
 VN0127WBS01

Tgt Ion: 113 Resp: 103415
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.5 125.3
 192 20.8 15.4 23.2

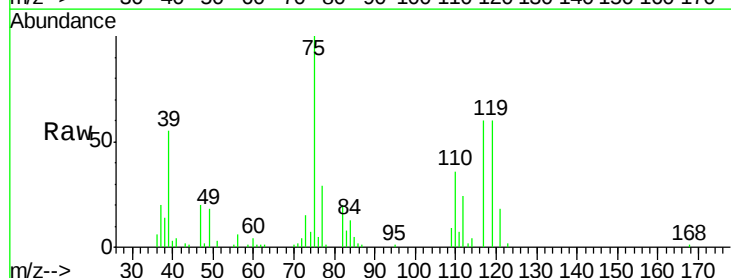


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

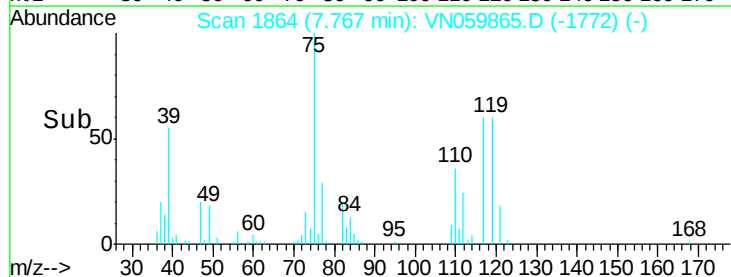
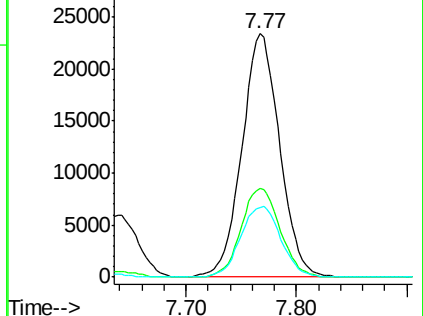


#36
 1,1-Dichloropropene
 Concen: 20.30 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion: 75 Resp: 55465
 Ion Ratio Lower Upper
 75 100
 110 37.5 16.6 49.7
 77 30.9 25.1 37.7



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

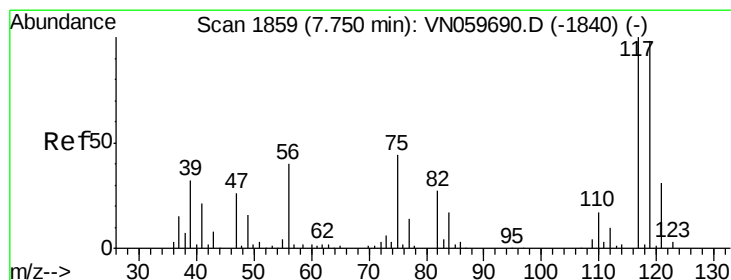
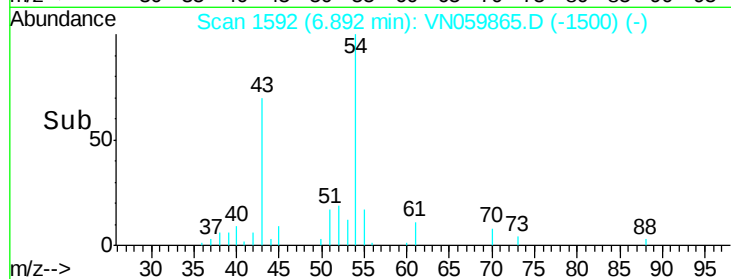
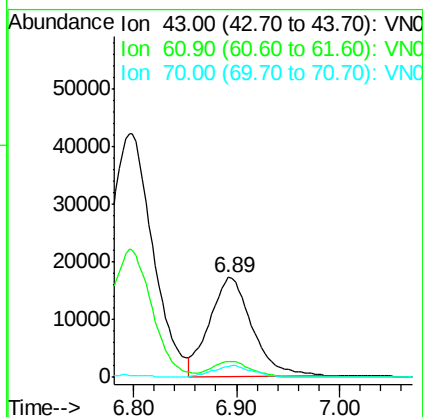
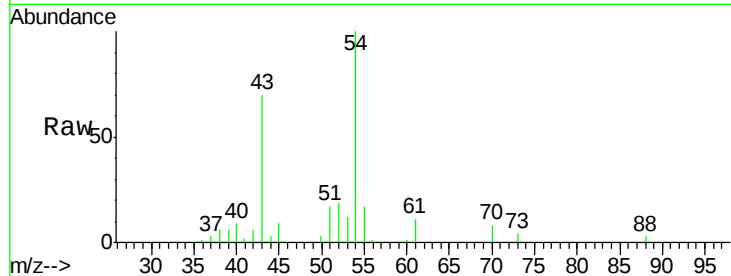




#37
Ethyl Acetate
Concen: 19.20 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

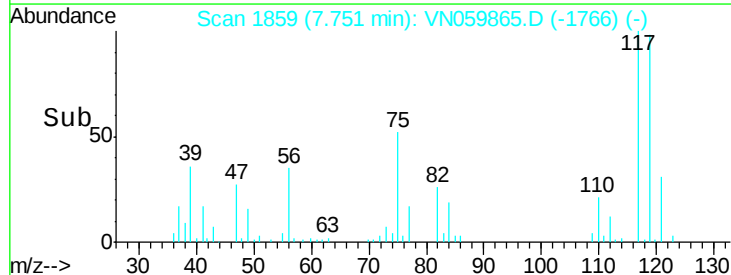
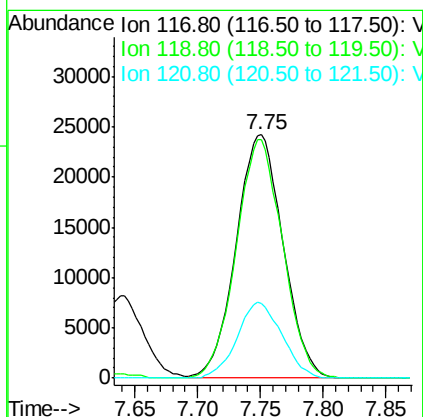
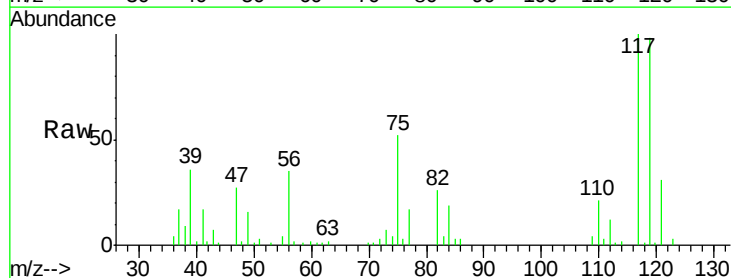
Instrument :
MSVOA_N
ClientSampled :
VN0127WBS01

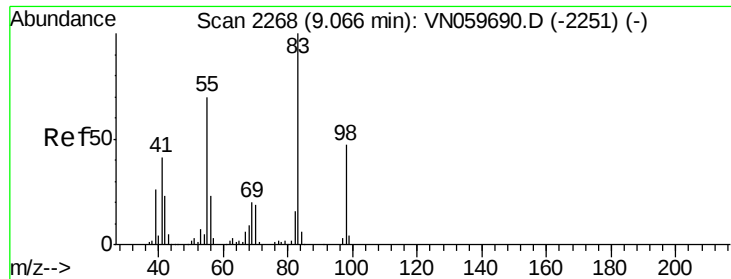
Tgt Ion: 43 Resp: 49203
Ion Ratio Lower Upper
43 100
61 15.4 10.9 16.3
70 11.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 21.23 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 117 Resp: 63108
Ion Ratio Lower Upper
117 100
119 98.0 76.5 114.7
121 30.6 25.1 37.7

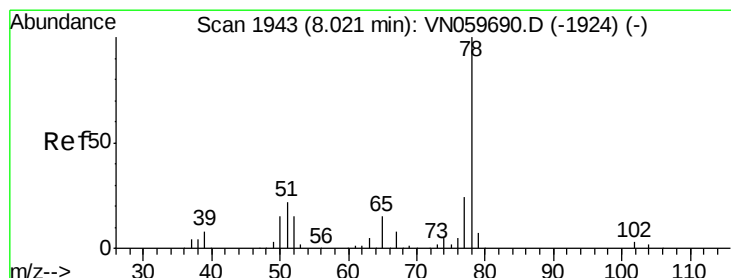
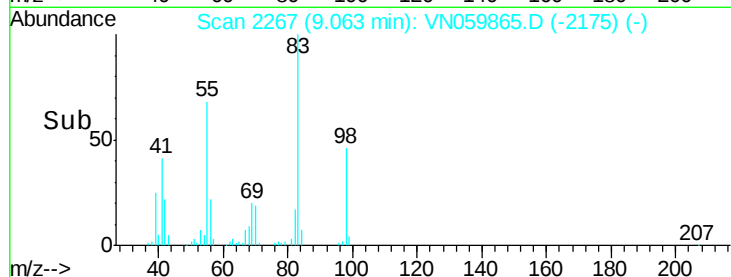
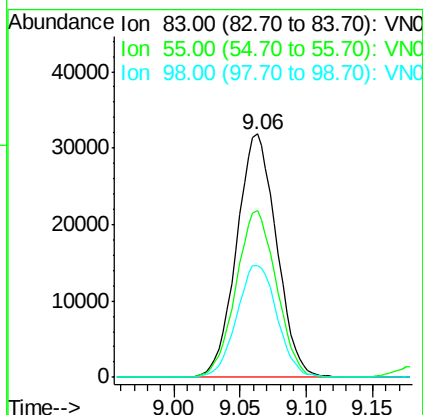
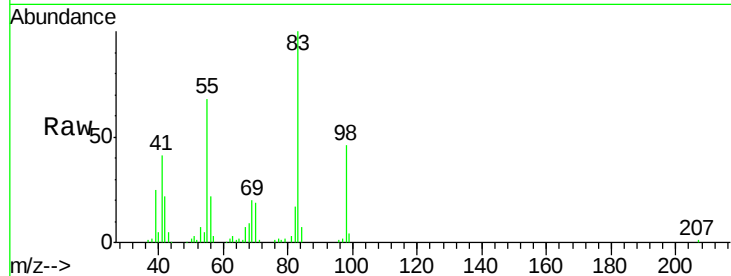




#39
Methylcyclohexane
Concen: 19.76 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

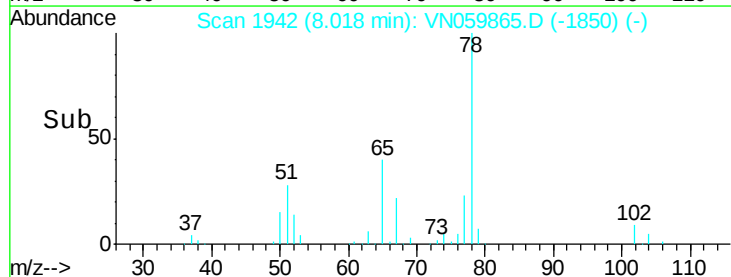
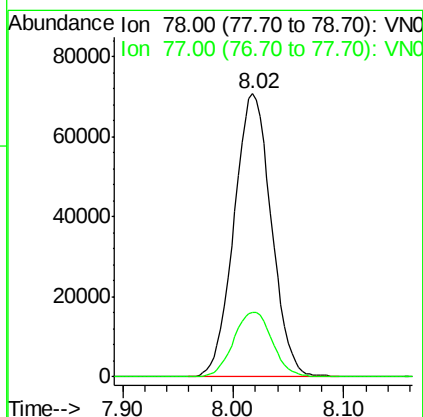
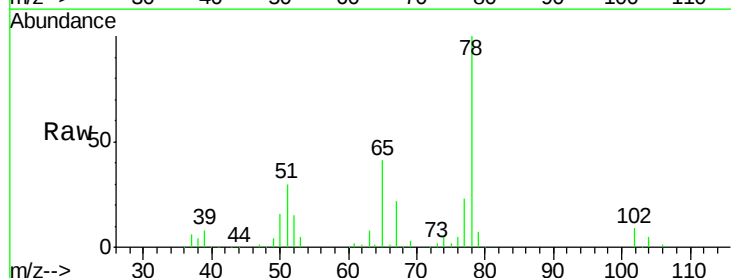
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tgt Ion: 83 Resp: 66589
Ion Ratio Lower Upper
83 100
55 68.4 64.2 96.2
98 45.9 35.9 53.9



#40
Benzene
Concen: 20.33 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 78 Resp: 165701
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3

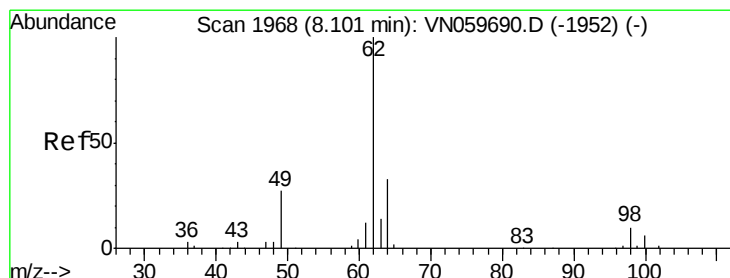
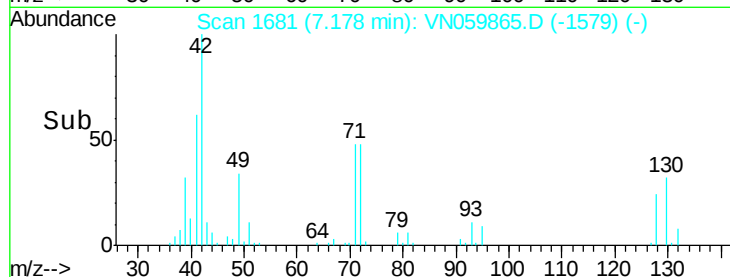
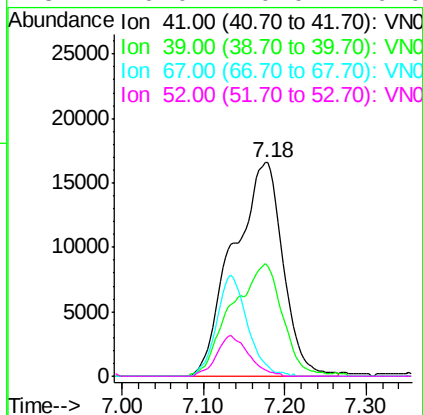
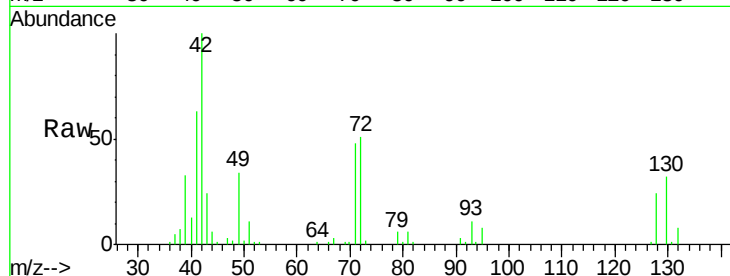




#41
Methacrylonitrile
Concen: 55.87 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

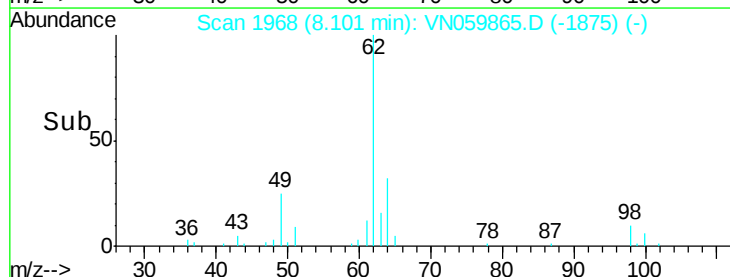
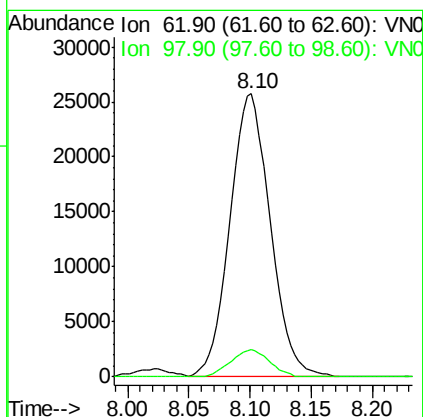
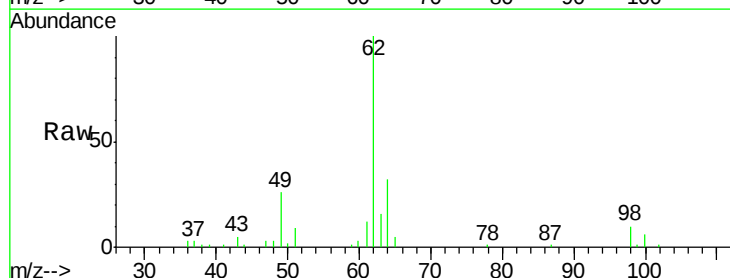
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

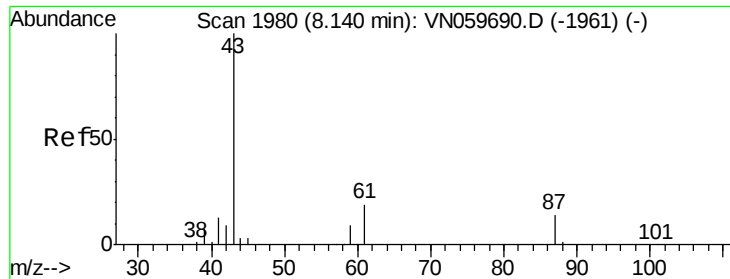
Tgt Ion:	41	Resp:	70530
Ion	Ratio	Lower	Upper
41	100		
39	53.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.43 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion:	62	Resp:	59214
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8





#43

Isopropyl Acetate

Concen: 19.17 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBS01

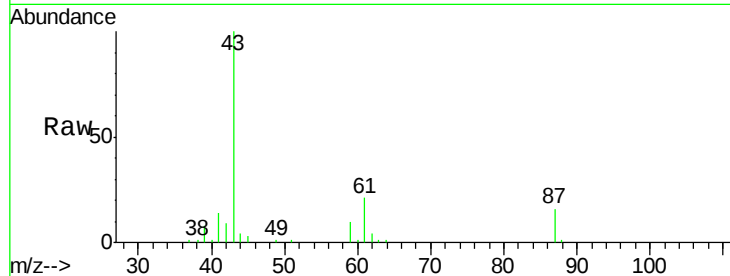
Tgt Ion: 43 Resp: 84521

Ion Ratio Lower Upper

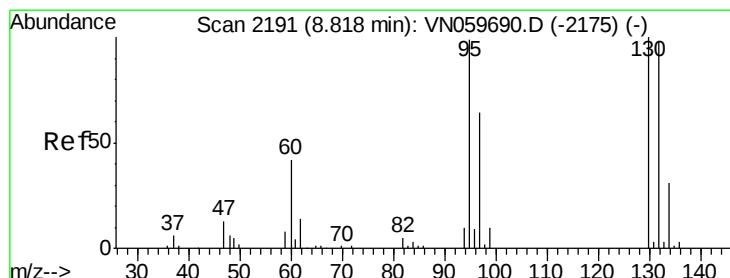
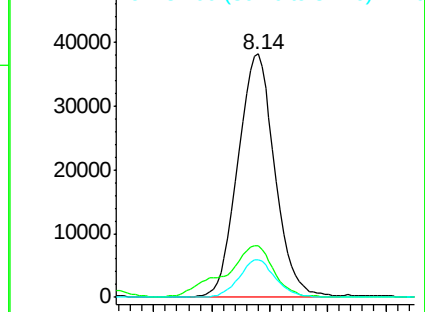
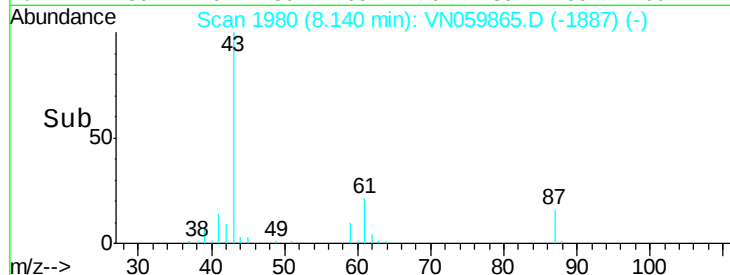
43 100

61 28.2 20.2 30.2

87 15.1 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059865.D (-1887) (-)



#44

Trichloroethene

Concen: 21.97 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059865.D

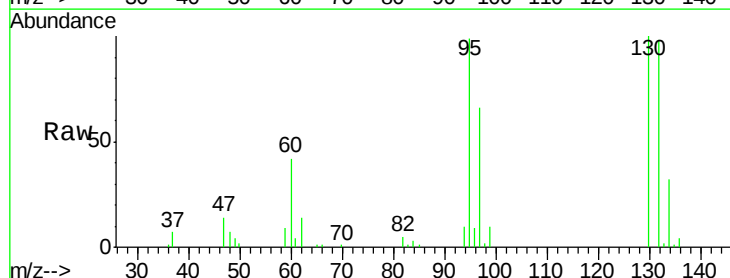
Acq: 27 Jan 2020 12:11

Tgt Ion: 130 Resp: 48874

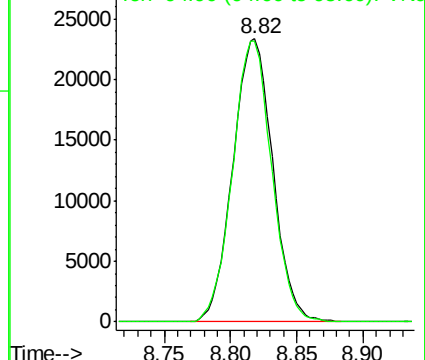
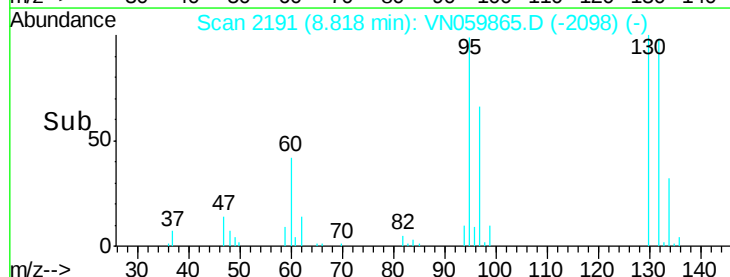
Ion Ratio Lower Upper

130 100

95 99.0 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059865.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 21.16 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

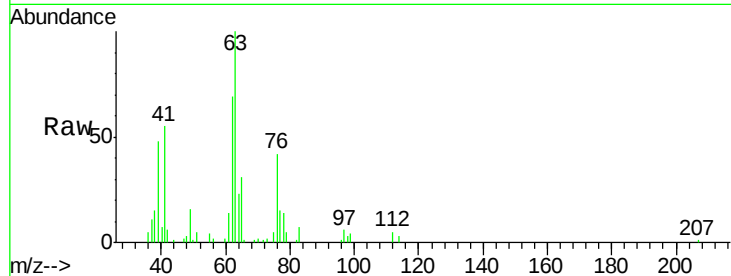
VN0127WBS01

Tgt Ion: 63 Resp: 42678

Ion Ratio Lower Upper

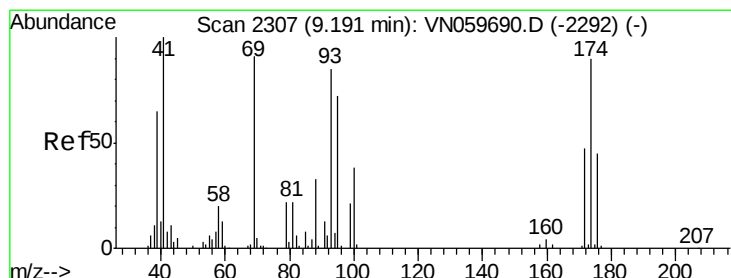
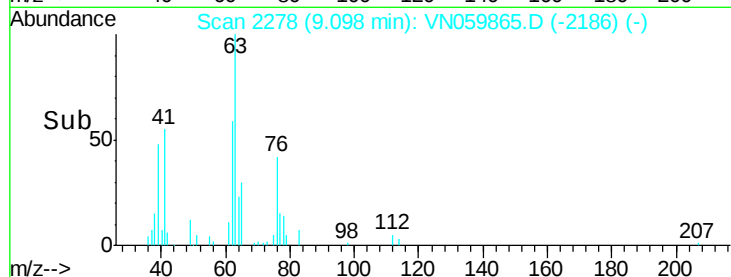
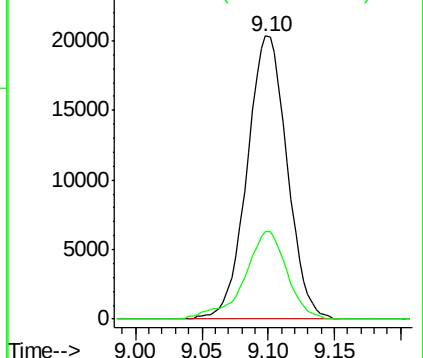
63 100

65 30.7 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.42 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

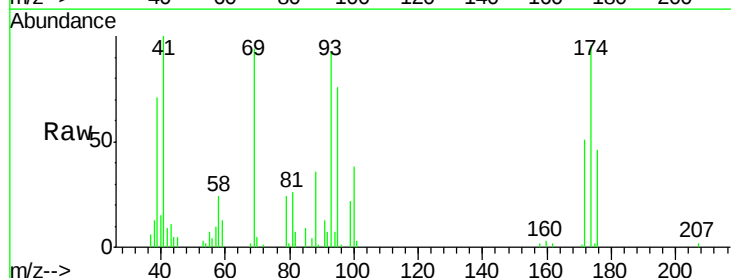
Tgt Ion: 93 Resp: 30468

Ion Ratio Lower Upper

93 100

95 82.8 67.0 100.6

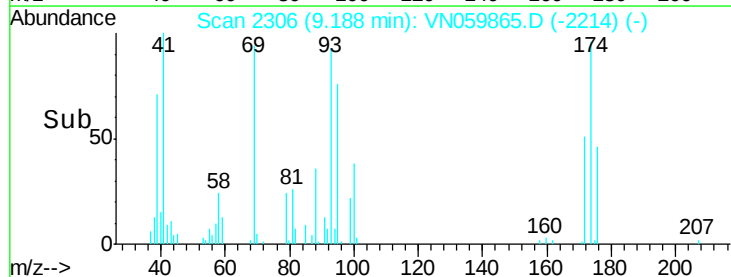
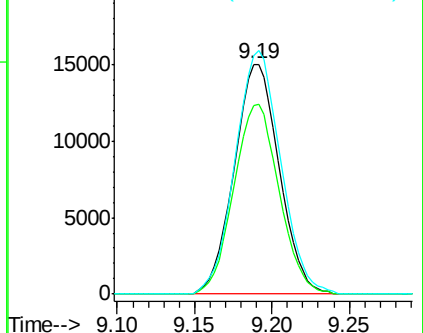
174 106.6 73.4 110.2



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

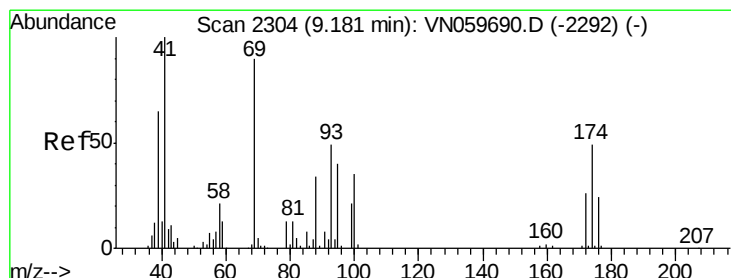
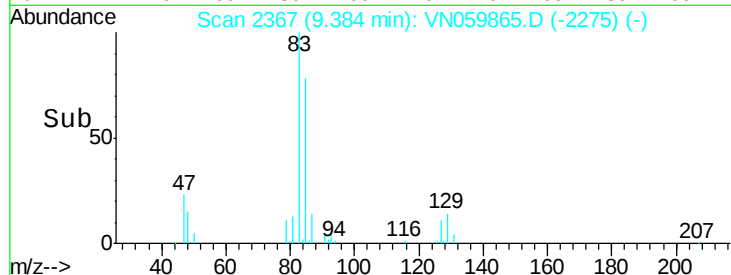
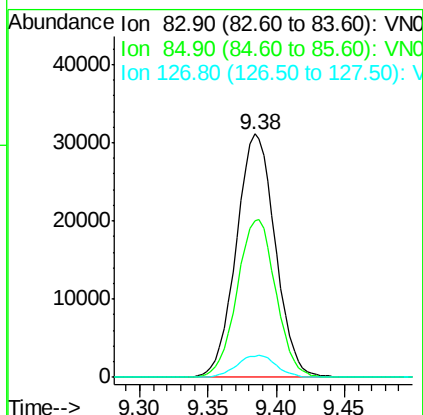
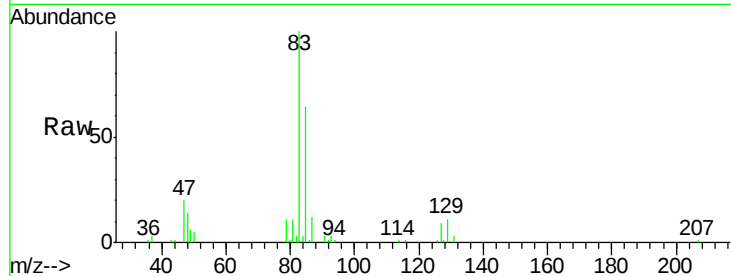




#47
 Bromodichloromethane
 Concen: 21.52 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

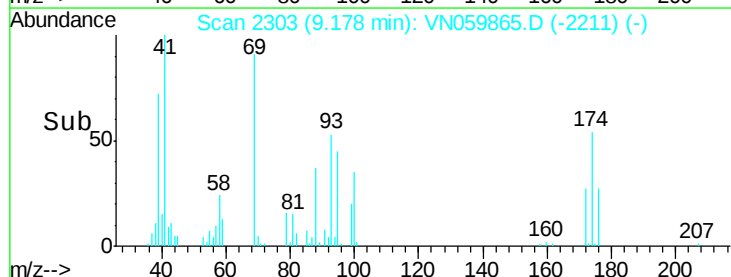
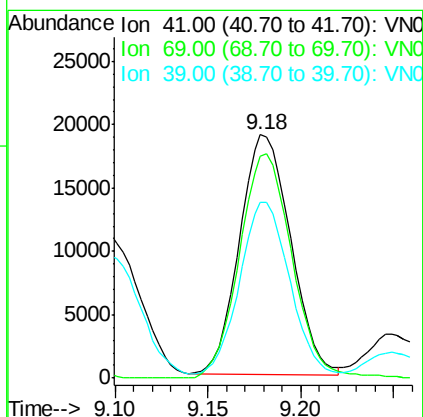
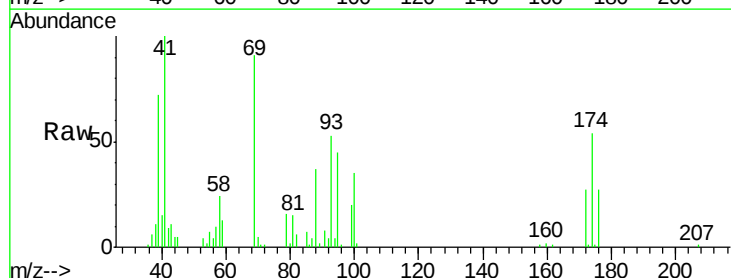
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Tgt Ion: 83 Resp: 61685
 Ion Ratio Lower Upper
 83 100
 85 64.3 51.1 76.7
 127 8.8 6.6 9.8



#48
 Methyl methacrylate
 Concen: 18.39 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion: 41 Resp: 36258
 Ion Ratio Lower Upper
 41 100
 69 96.4 64.4 96.6
 39 73.4 51.3 76.9

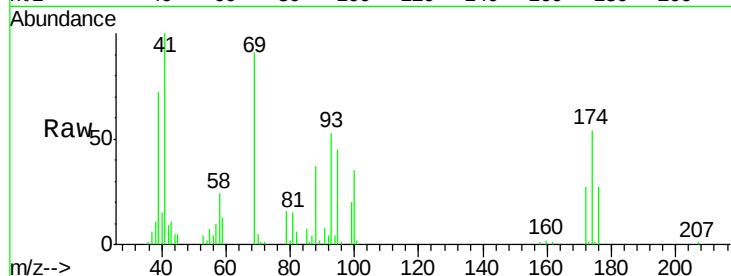




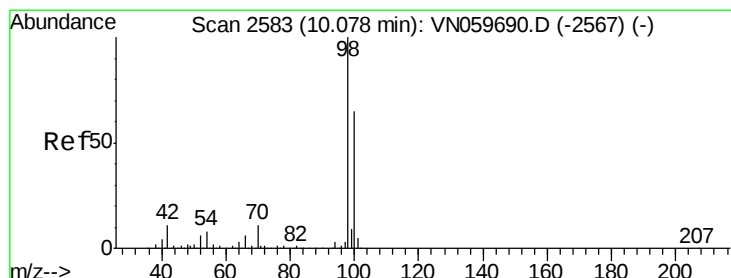
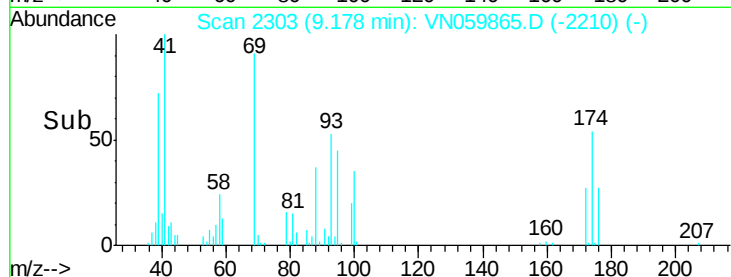
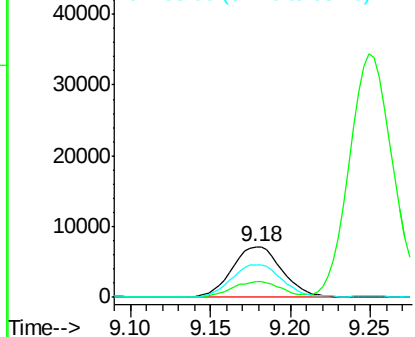
#49
1,4-Dioxane
Concen: 422.45 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tgt Ion: 88 Resp: 15249
Ion Ratio Lower Upper
88 100
43 30.9 29.7 44.5
58 65.0 56.6 85.0

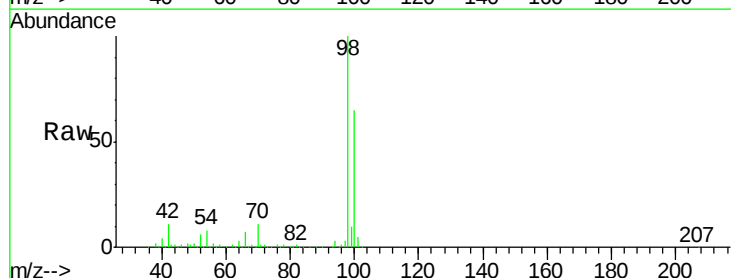


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

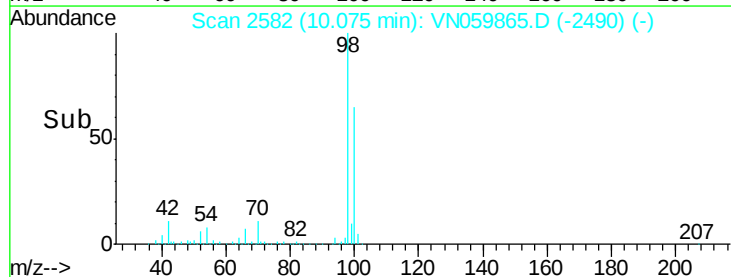
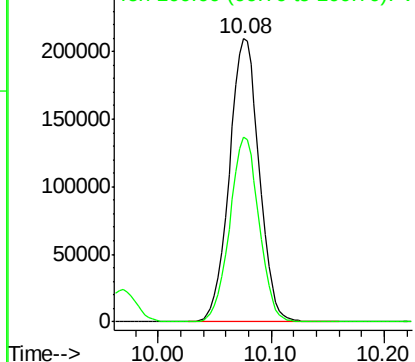


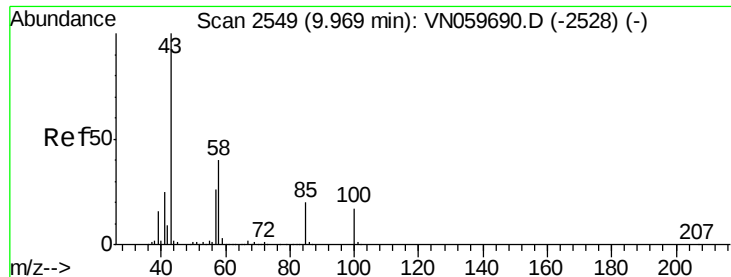
#50
Toluene-d8
Concen: 52.82 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 98 Resp: 382914
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



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

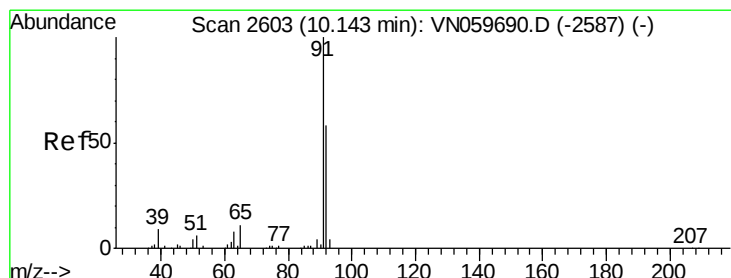
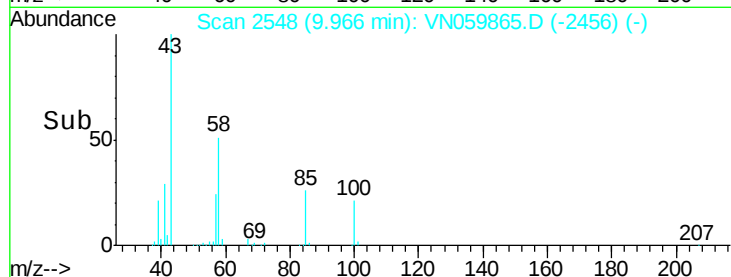
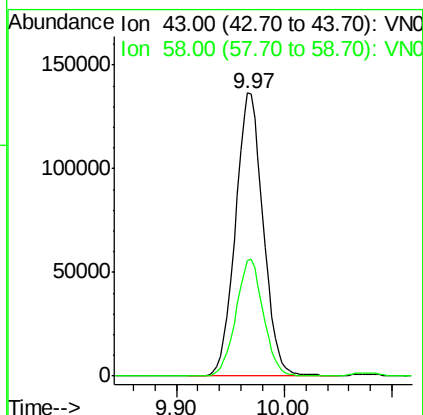
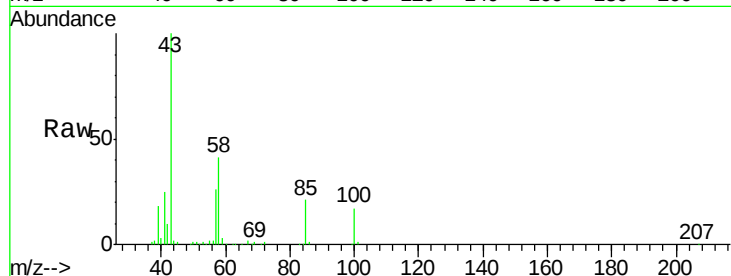




#51
 4-Methyl-2-Pentanone
 Concen: 96.08 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

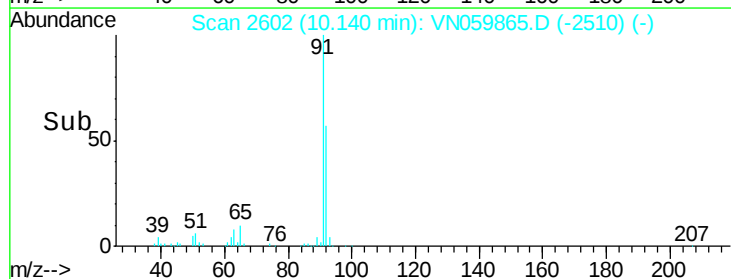
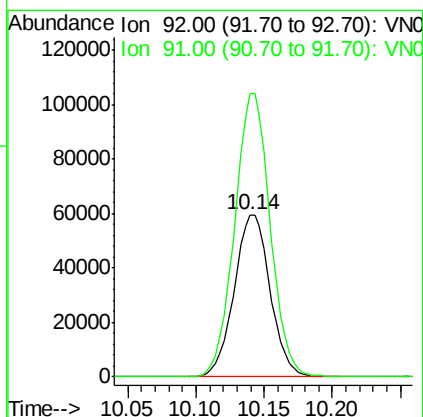
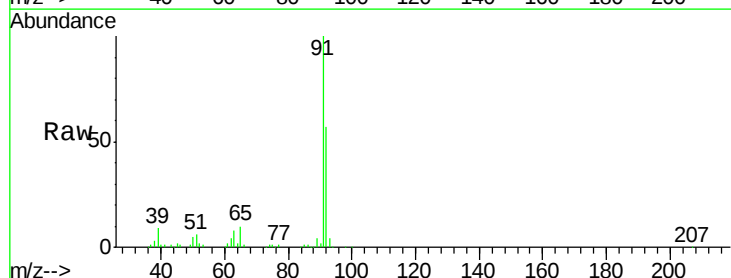
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

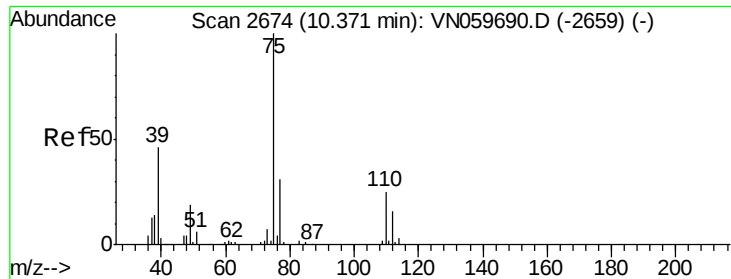
Tgt Ion: 43 Resp: 244828
 Ion Ratio Lower Upper
 43 100
 58 40.7 29.8 44.8



#52
 Toluene
 Concen: 21.12 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion: 92 Resp: 108710
 Ion Ratio Lower Upper
 92 100
 91 173.2 140.4 210.6

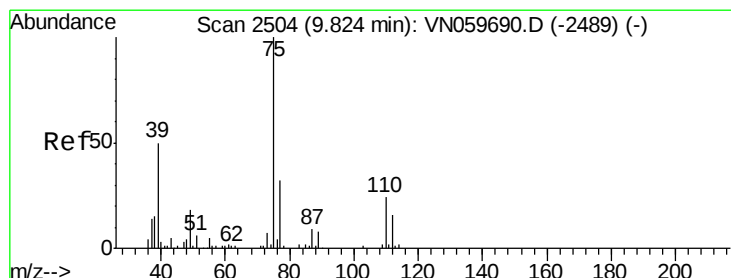
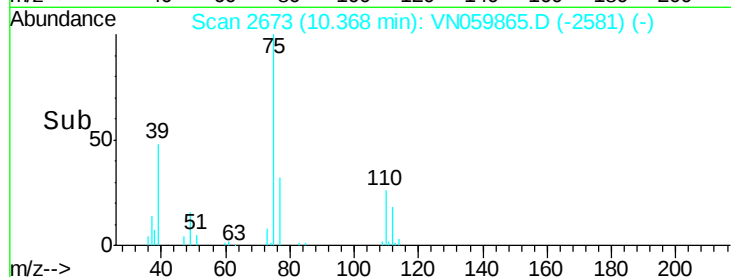
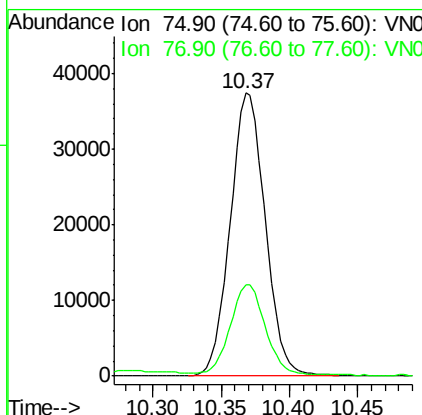
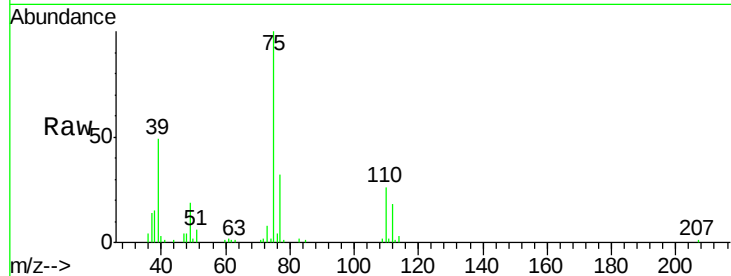




#53
t-1,3-Dichloropropene
Concen: 20.86 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

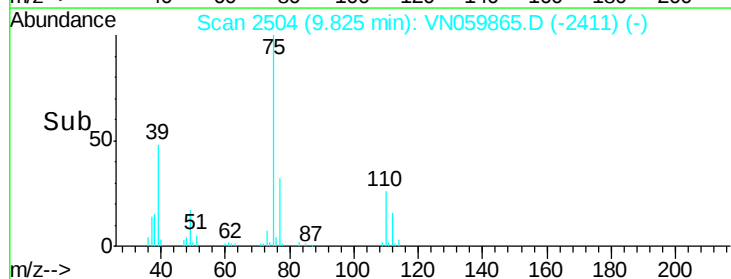
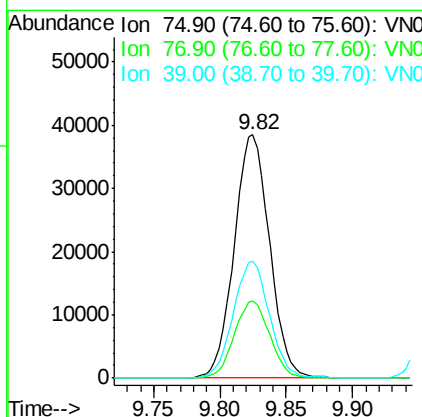
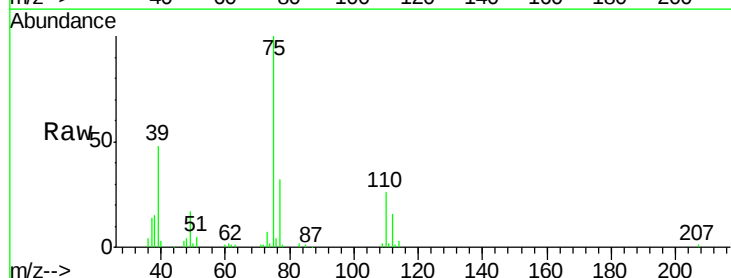
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tgt Ion: 75 Resp: 66779
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.24 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 75 Resp: 71529
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7
39 48.2 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 21.61 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBS01

Tgt Ion: 97 Resp: 44064

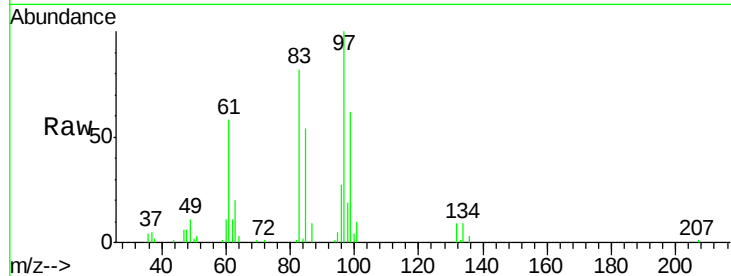
Ion Ratio Lower Upper

97 100

83 81.9 71.3 106.9

85 54.0 45.8 68.8

99 62.0 50.0 75.0

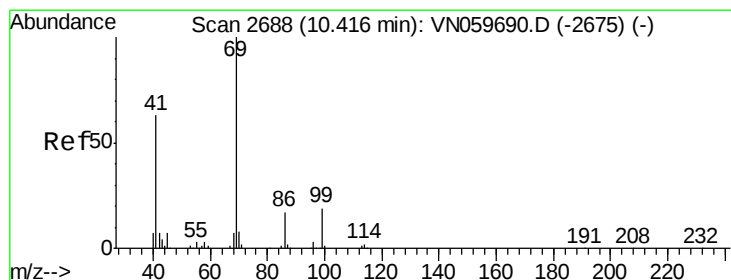
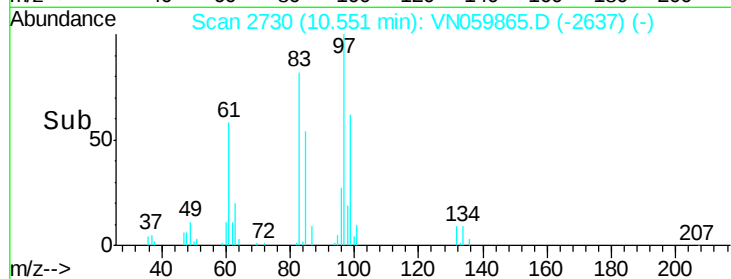
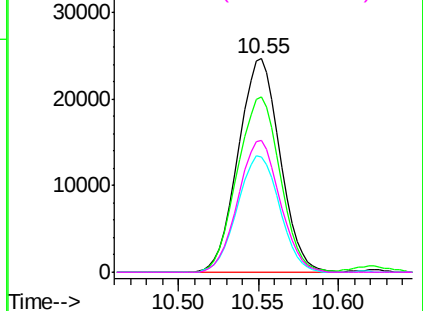


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.28 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

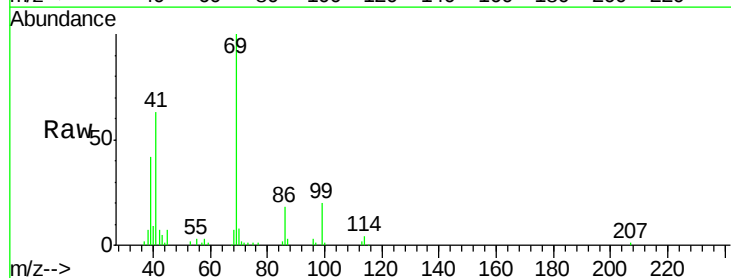
Tgt Ion: 69 Resp: 60074

Ion Ratio Lower Upper

69 100

41 61.7 57.1 85.7

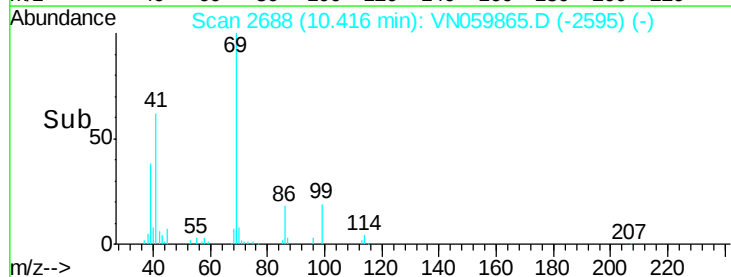
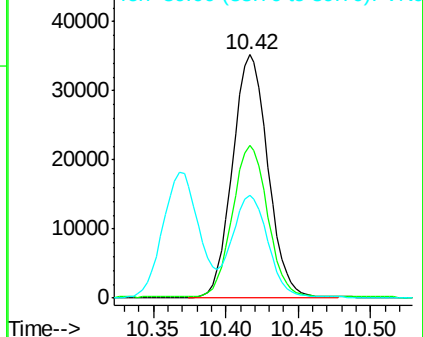
39 43.2 34.7 52.1



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 21.38 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampled :

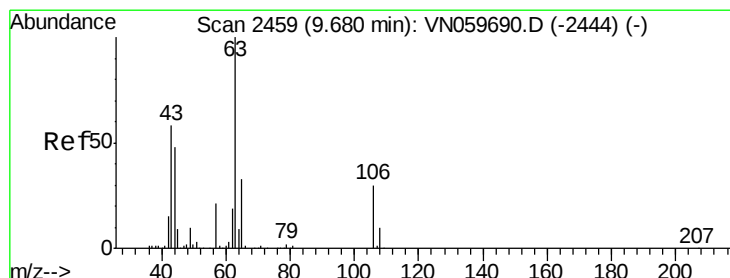
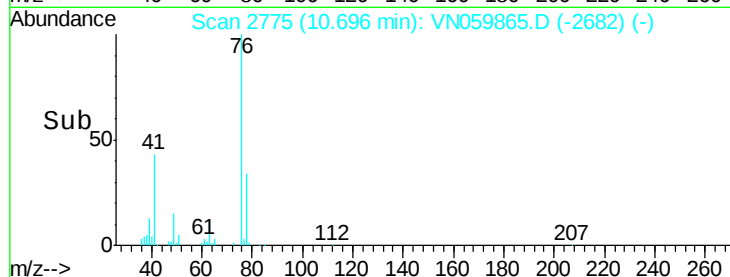
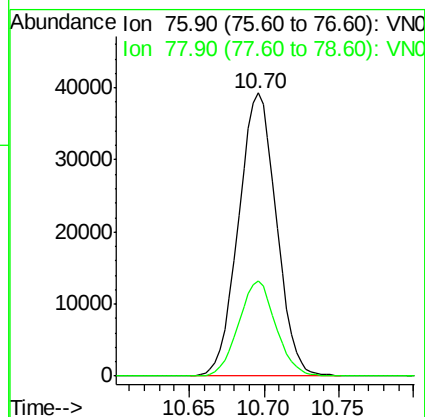
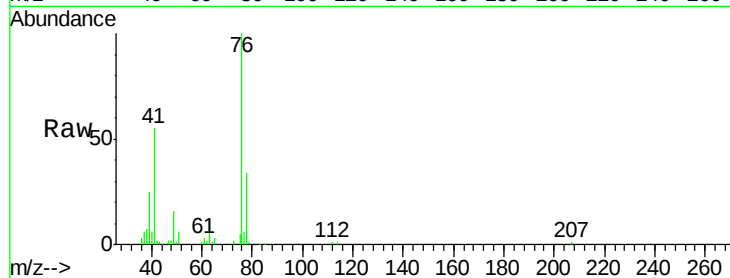
VN0127WBS01

Tgt Ion: 76 Resp: 69193

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 109.07 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059865.D

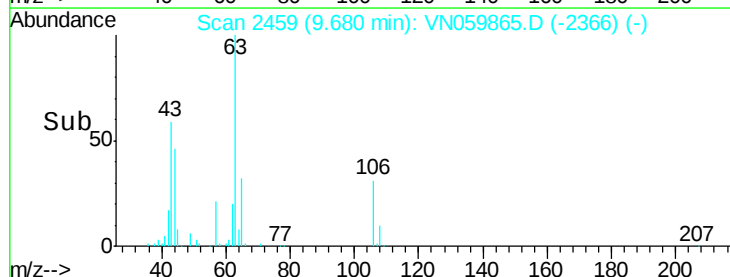
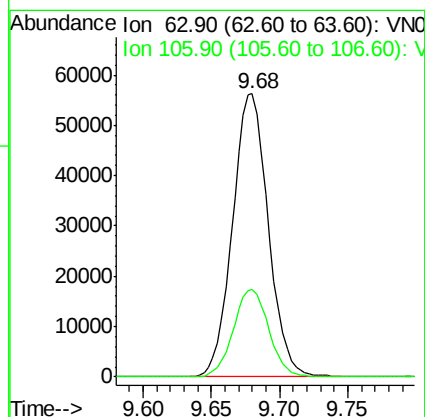
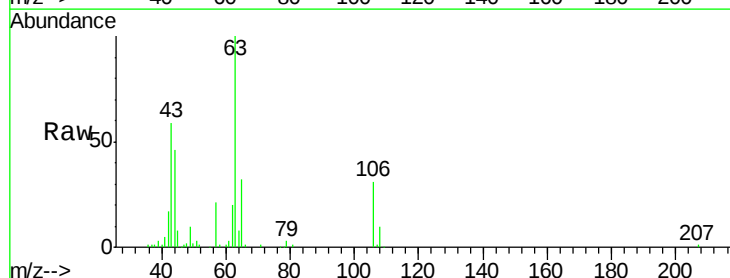
Acq: 27 Jan 2020 12:11

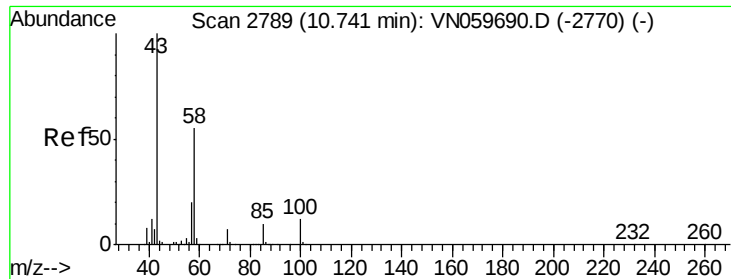
Tgt Ion: 63 Resp: 102337

Ion Ratio Lower Upper

63 100

106 30.5 20.2 30.2#

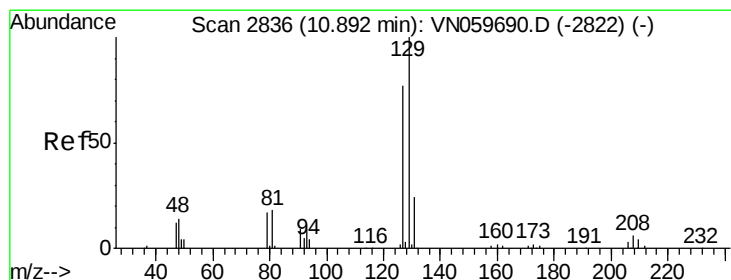
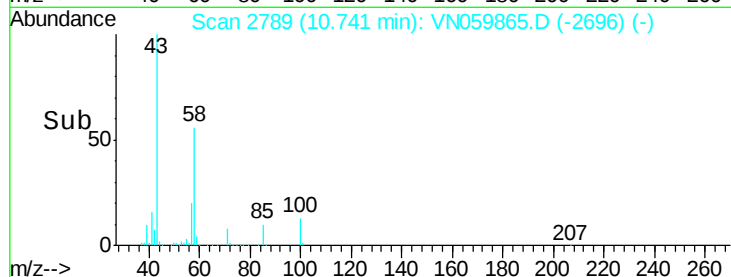
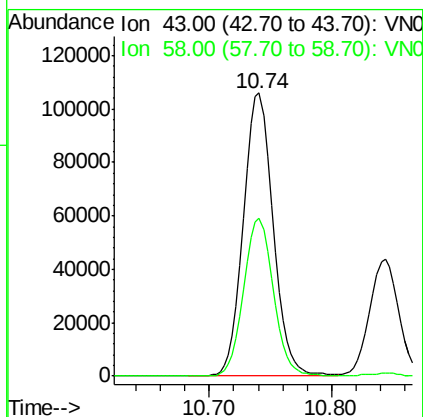
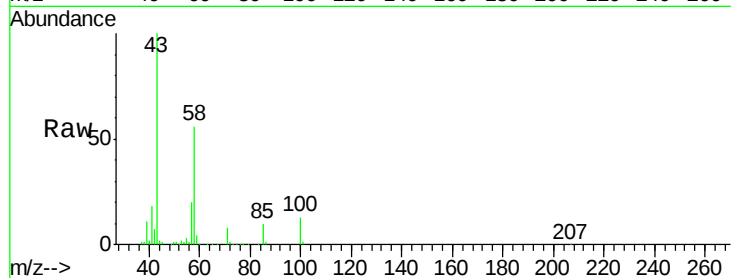




#59
2-Hexanone
Concen: 95.01 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

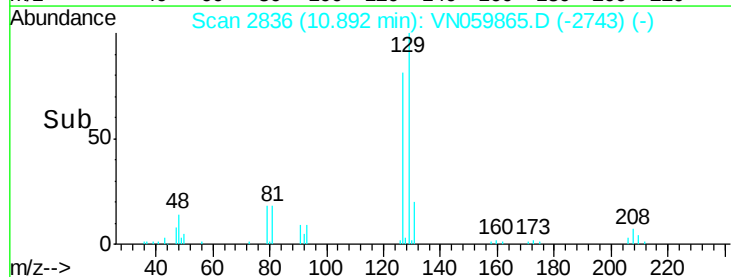
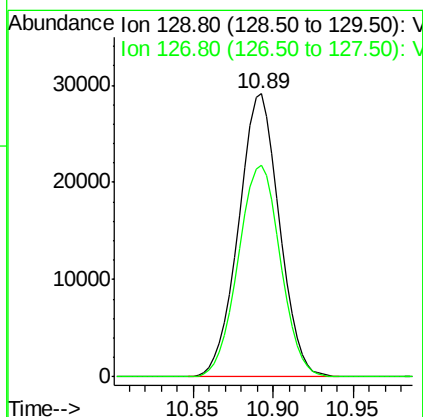
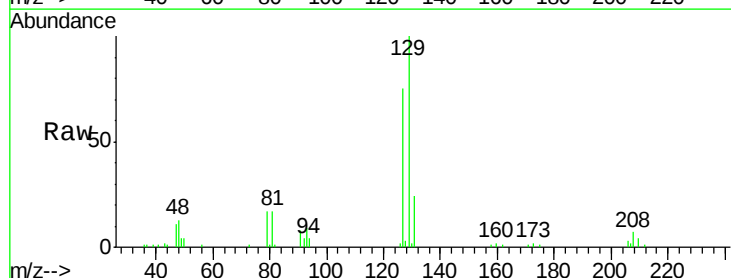
Instrument :
MSVOA_N
ClientSampled :
VN0127WBS01

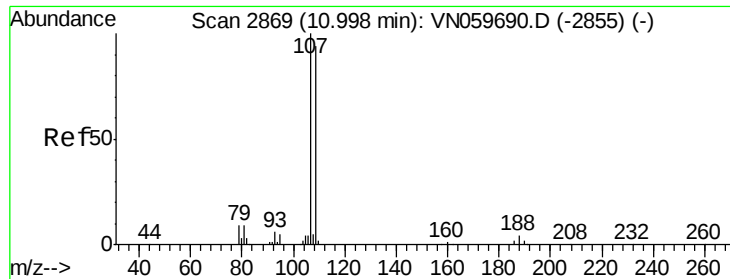
Tgt Ion: 43 Resp: 178370
Ion Ratio Lower Upper
43 100
58 55.6 25.8 77.3



#60
Dibromochloromethane
Concen: 21.81 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 129 Resp: 50640
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

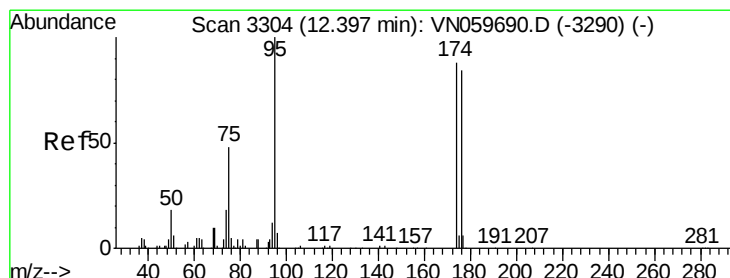
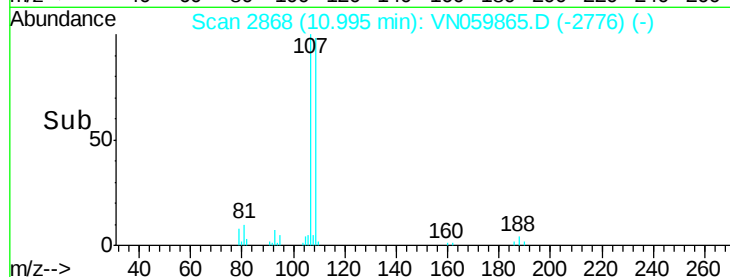
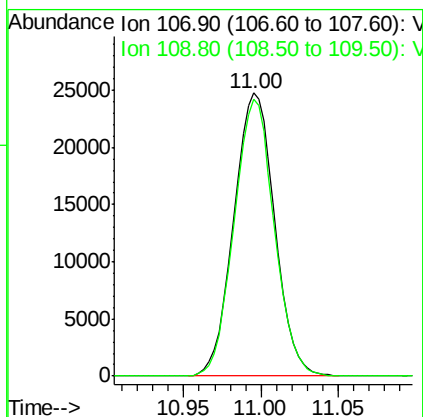
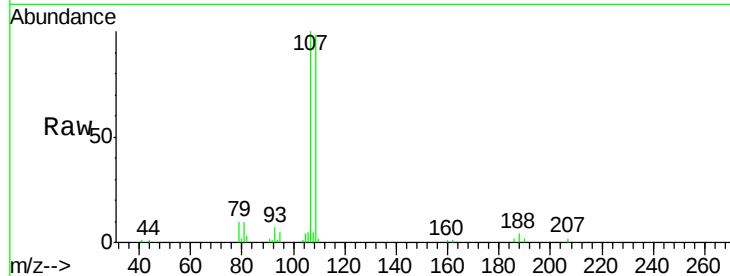




#61
 1,2-Dibromoethane
 Concen: 21.25 ug/l
 RT: 11.00 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

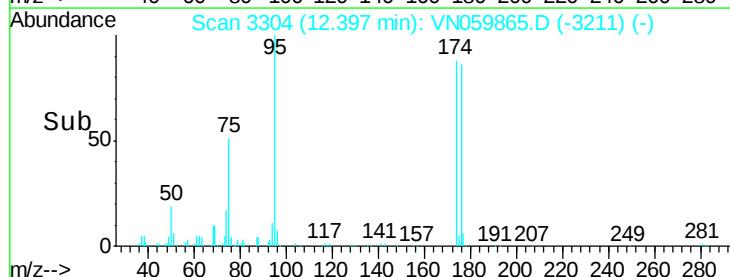
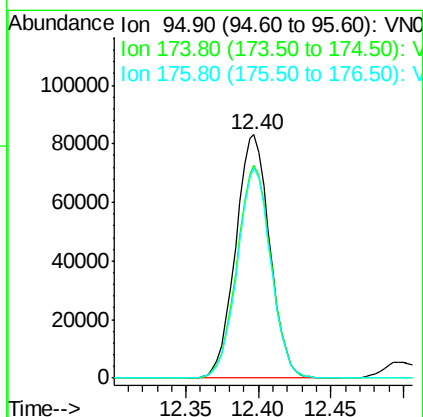
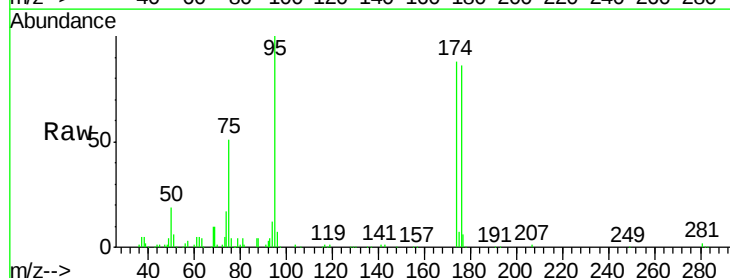
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

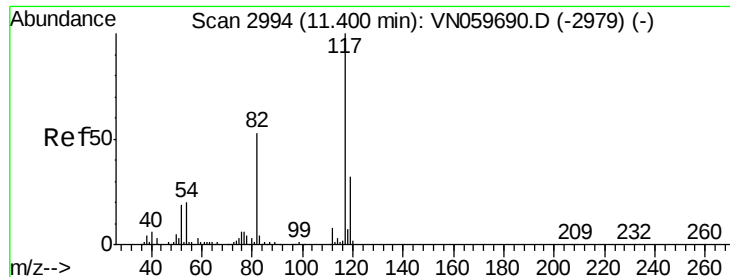
Tgt Ion: 107 Resp: 45416
 Ion Ratio Lower Upper
 107 100
 109 95.8 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 51.91 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion: 95 Resp: 135675
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 151.4
 176 84.6 0.0 146.0

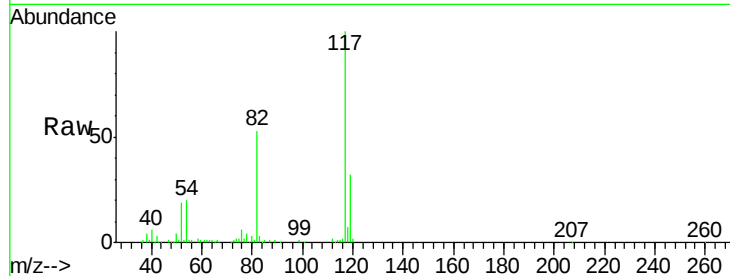




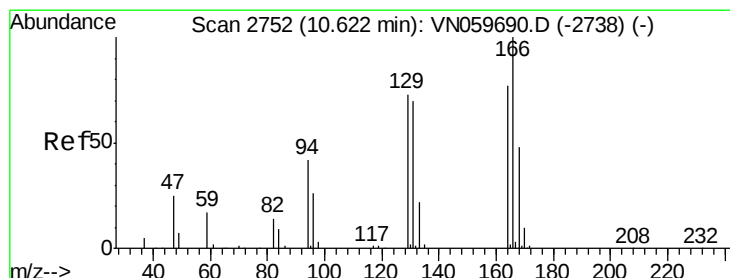
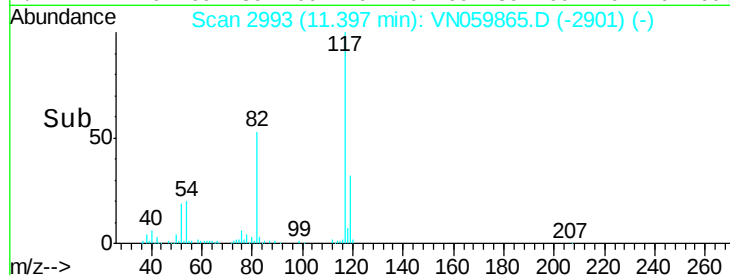
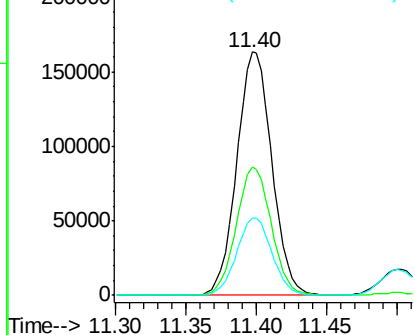
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tgt Ion:117 Resp: 284788
Ion Ratio Lower Upper
117 100
82 52.7 45.9 68.9
119 31.7 25.5 38.3

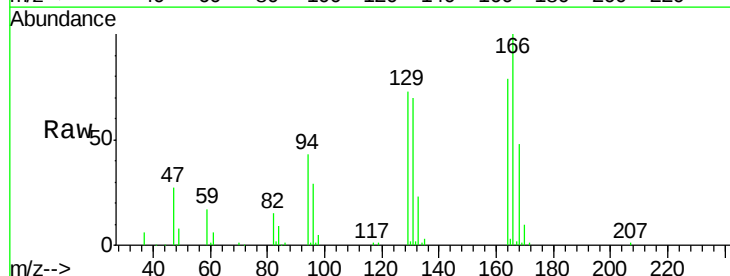


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

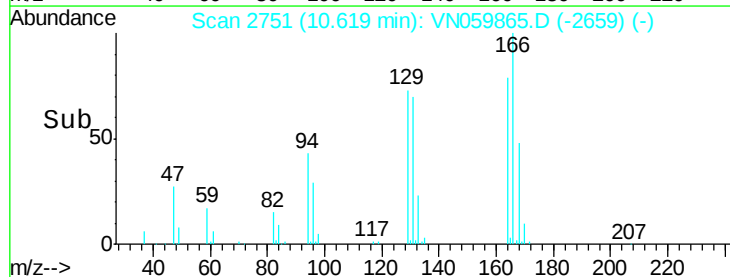
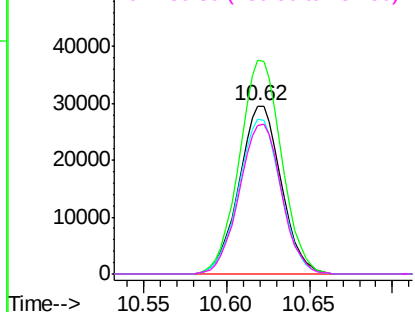


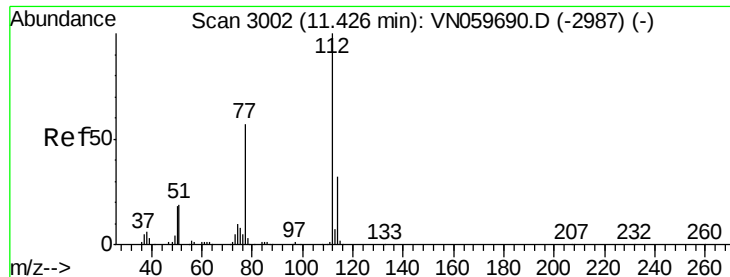
#64
Tetrachloroethene
Concen: 22.44 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion:164 Resp: 52076
Ion Ratio Lower Upper
164 100
166 127.1 101.4 152.0
129 92.2 80.2 120.4
131 88.7 75.0 112.4



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

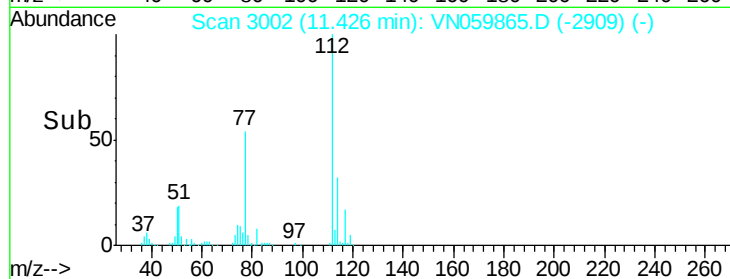
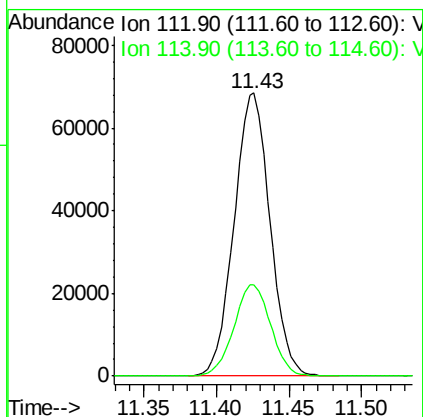
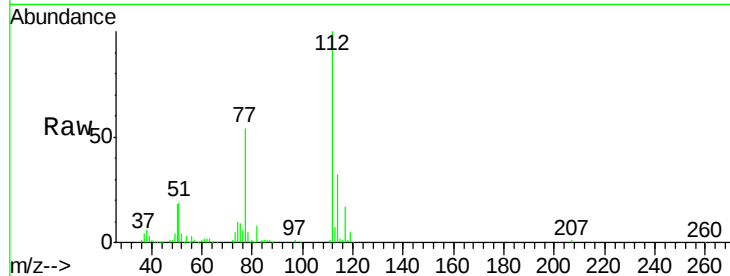




#65
Chlorobenzene
Concen: 21.03 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

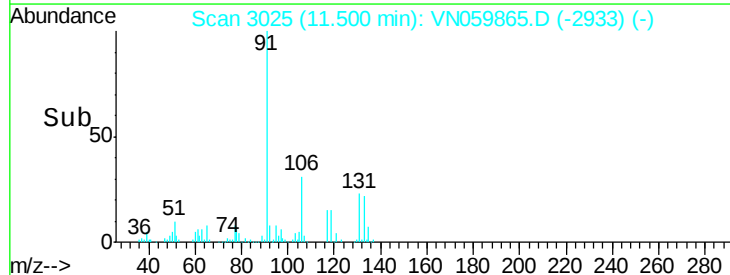
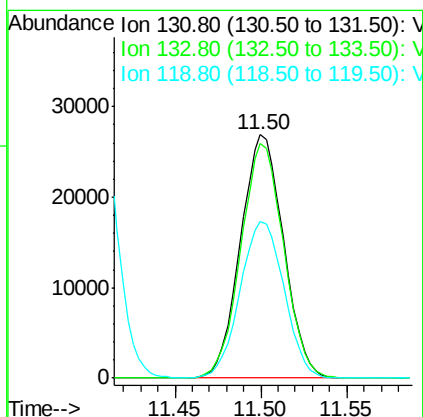
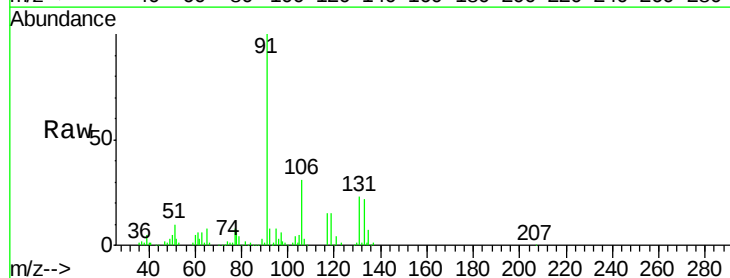
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tgt Ion:112 Resp: 117705
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.65 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion:131 Resp: 46828
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.2
119 65.6 33.1 99.3





#67

Ethyl Benzene

Concen: 20.61 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

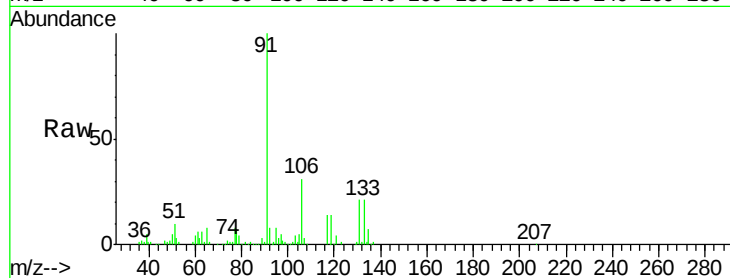
VN0127WBS01

Tgt Ion: 91 Resp: 209460

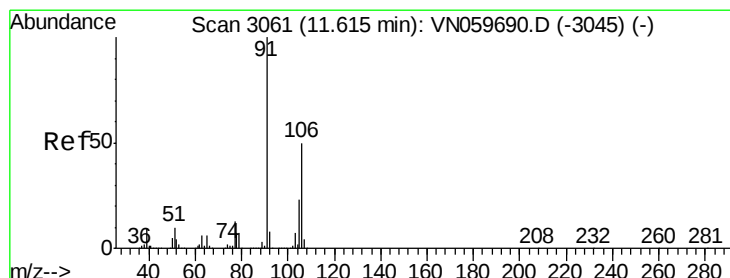
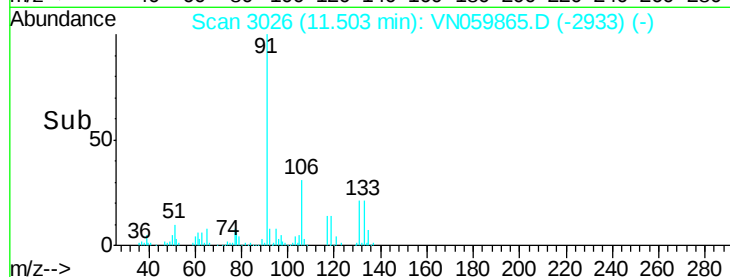
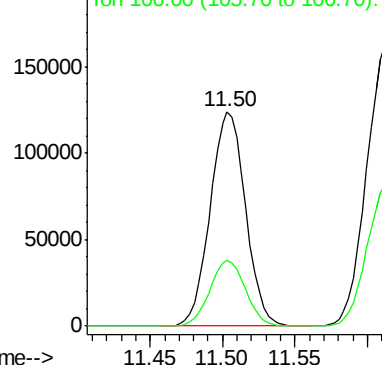
Ion Ratio Lower Upper

91 100

106 30.8 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3011) (-)



#68

m/p-Xylenes

Concen: 41.23 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN059865.D

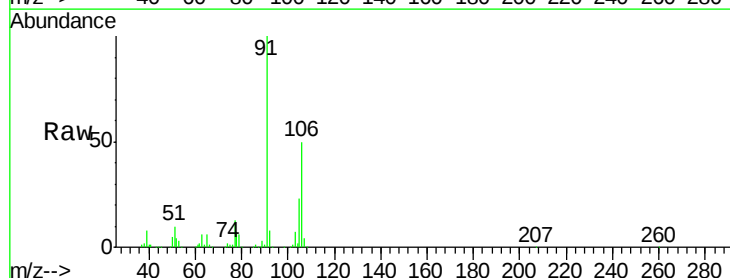
Acq: 27 Jan 2020 12:11

Tgt Ion: 106 Resp: 158239

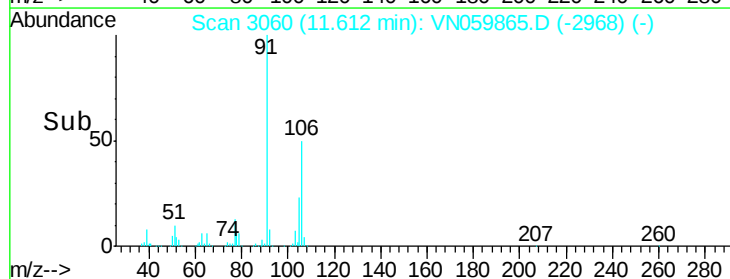
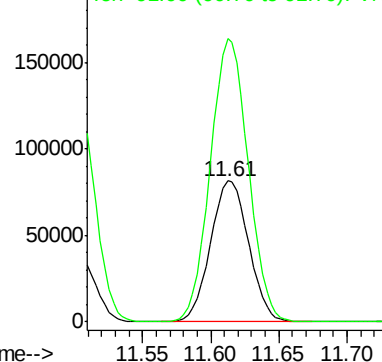
Ion Ratio Lower Upper

106 100

91 198.9 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059690.D (-3045) (-)

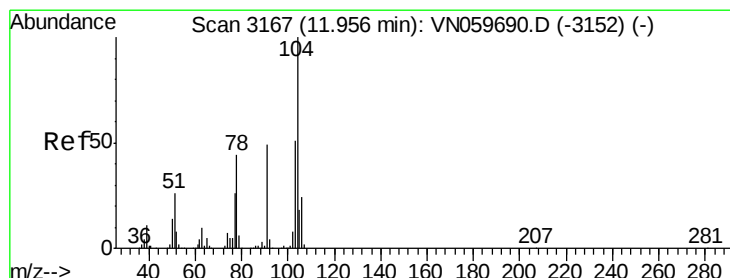
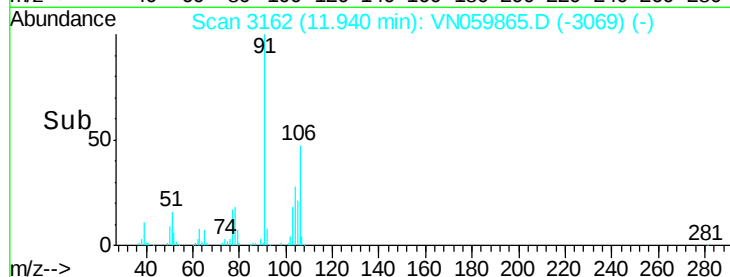
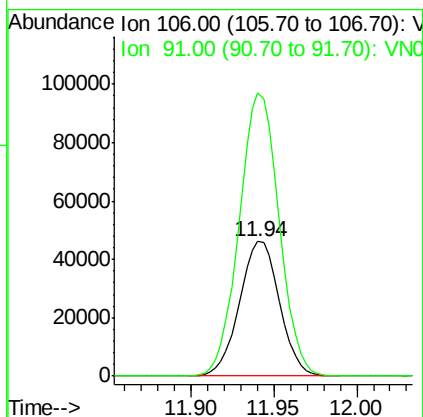
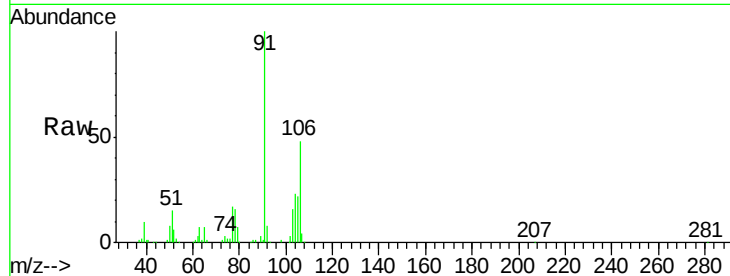




#69
o-Xylene
Concen: 20.62 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

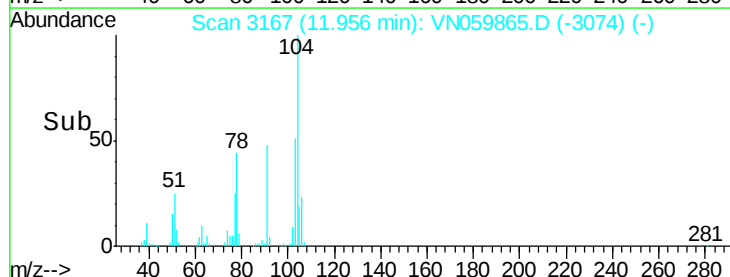
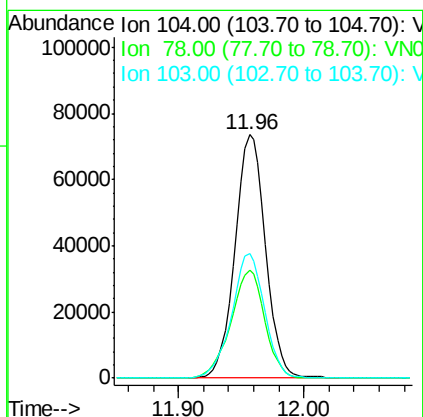
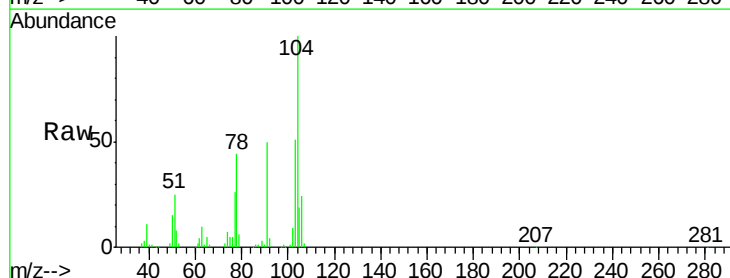
Instrument :
MSVOA_N
ClientSampled :
VN0127WBS01

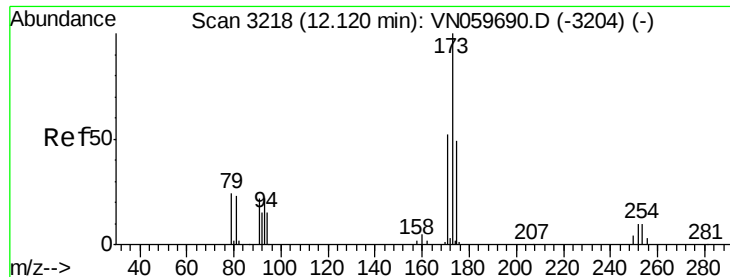
Tgt Ion:106 Resp: 77478
Ion Ratio Lower Upper
106 100
91 209.6 110.3 330.9



#70
Styrene
Concen: 19.79 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion:104 Resp: 124419
Ion Ratio Lower Upper
104 100
78 49.0 42.4 63.6
103 55.0 43.9 65.9





#71

Bromoform

Concen: 21.38 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampled :

VN0127WBS01

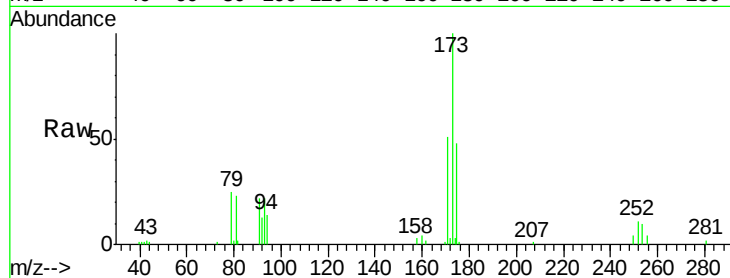
Tgt Ion:173 Resp: 37046

Ion Ratio Lower Upper

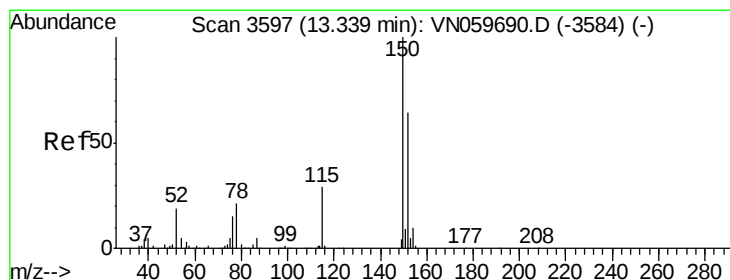
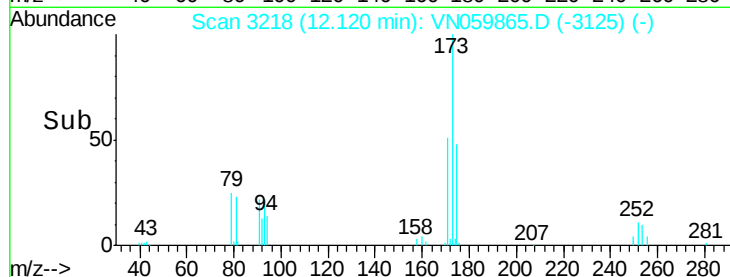
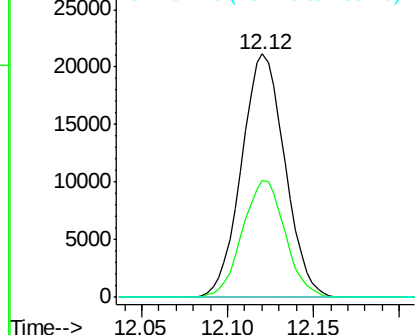
173 100

175 47.3 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: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

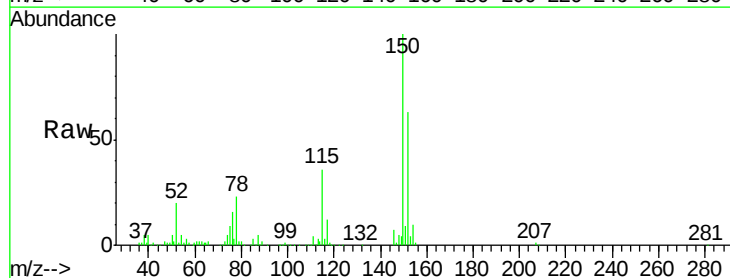
Tgt Ion:152 Resp: 134275

Ion Ratio Lower Upper

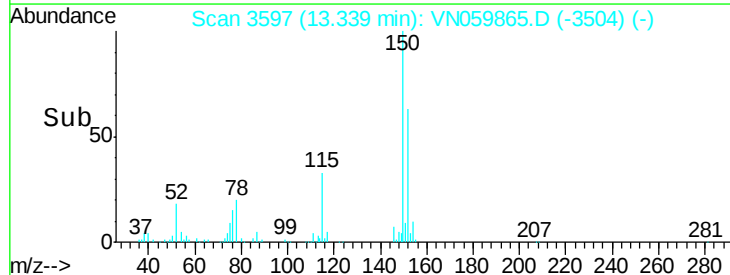
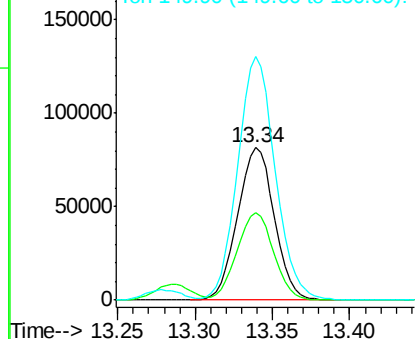
152 100

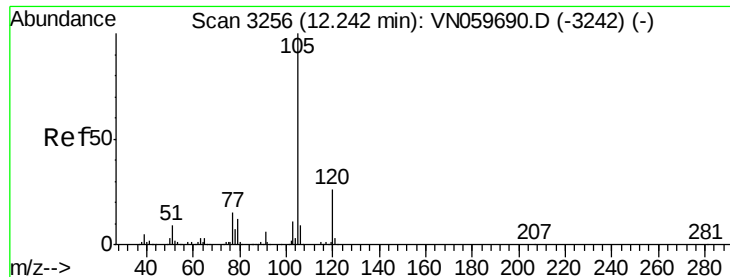
115 57.4 30.3 90.9

150 163.6 0.0 345.2



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





#73

Isopropylbenzene

Concen: 21.10 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampled :

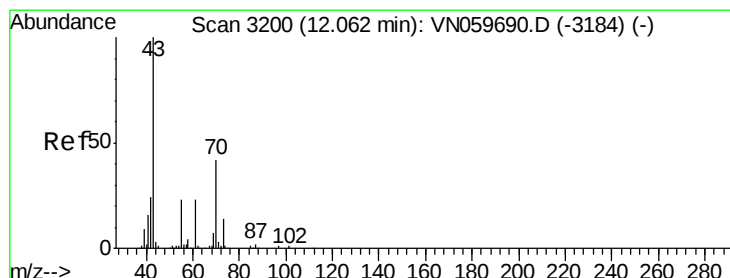
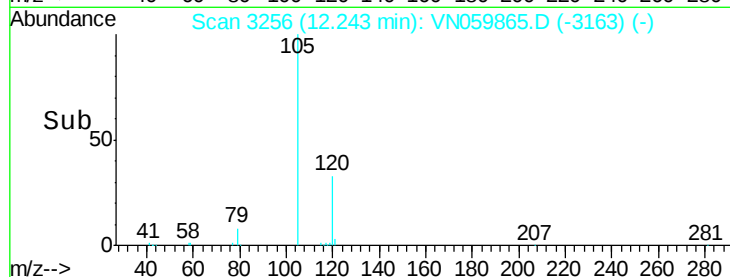
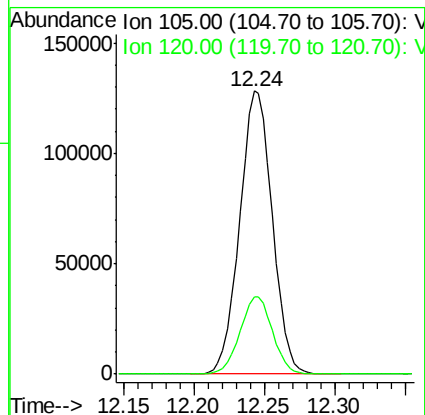
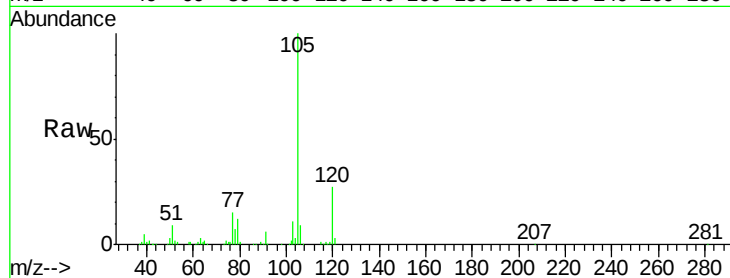
VN0127WBS01

Tgt Ion: 105 Resp: 207825

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.5



#74

N-ethyl acetate

Concen: 18.64 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Tgt Ion: 43 Resp: 71241

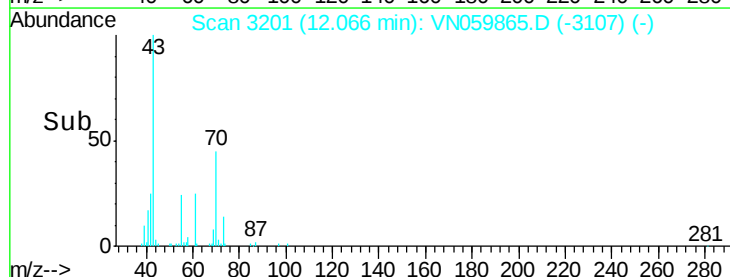
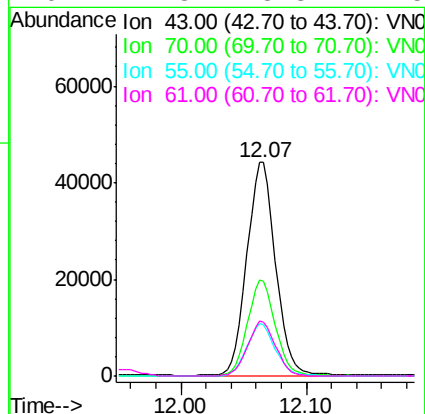
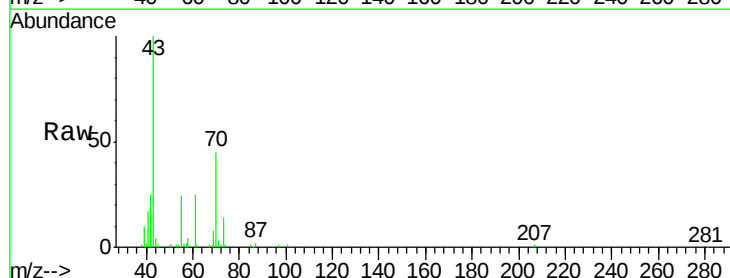
Ion Ratio Lower Upper

43 100

70 43.4 31.3 46.9

55 24.1 19.8 29.6

61 24.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.72 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBS01

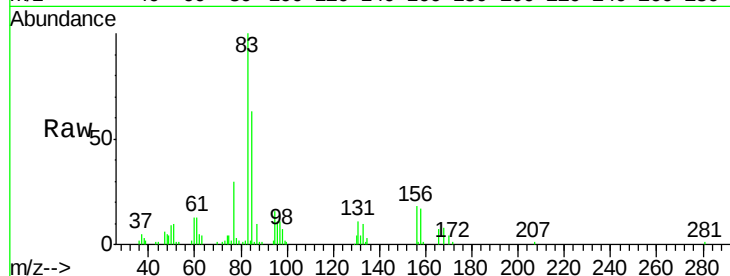
Tgt Ion: 83 Resp: 59153

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

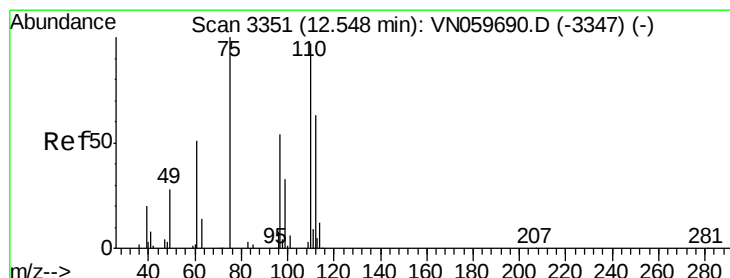
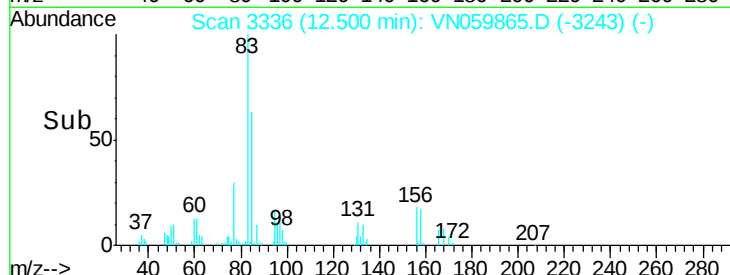
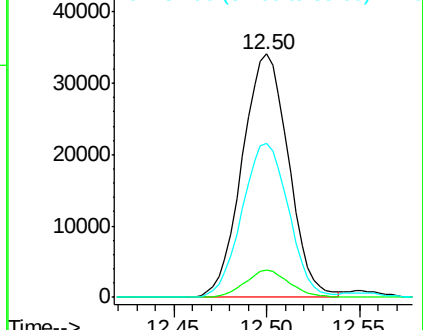
85 63.6 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 35.06 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059865.D

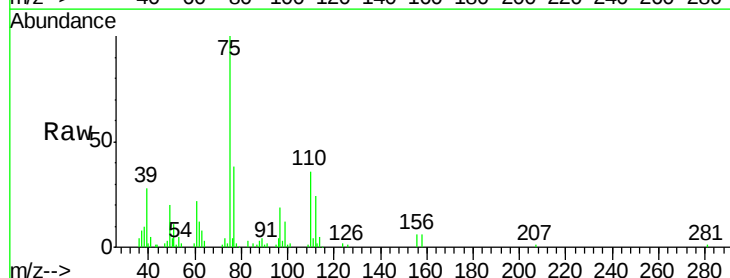
Acq: 27 Jan 2020 12:11

Tgt Ion: 75 Resp: 79229

Ion Ratio Lower Upper

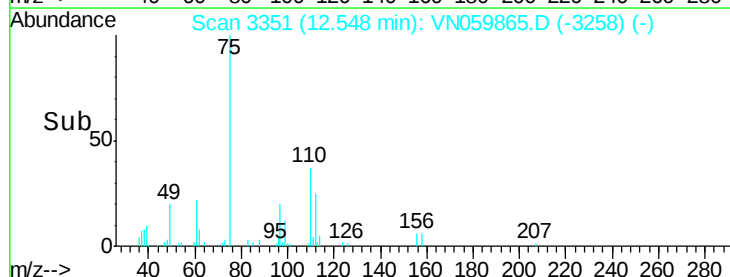
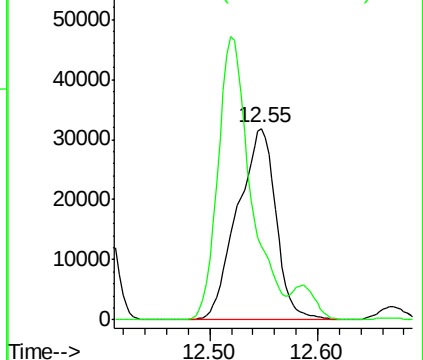
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.01 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBS01

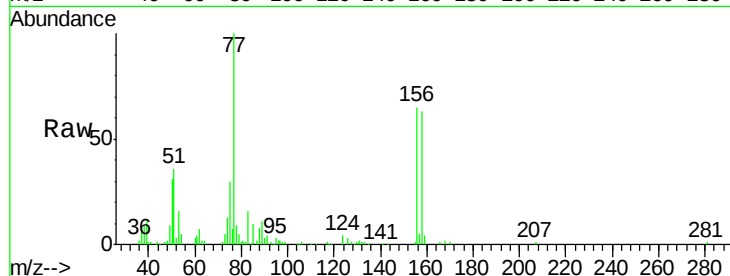
Tgt Ion:156 Resp: 52390

Ion Ratio Lower Upper

156 100

77 190.0 115.8 347.4

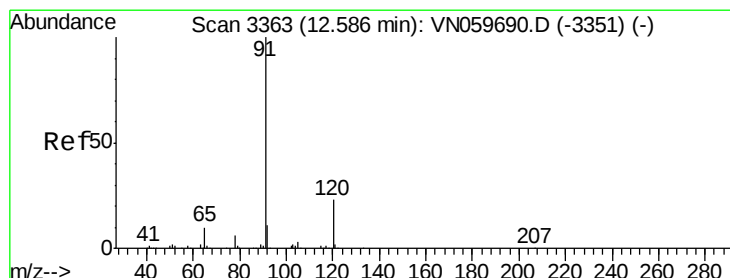
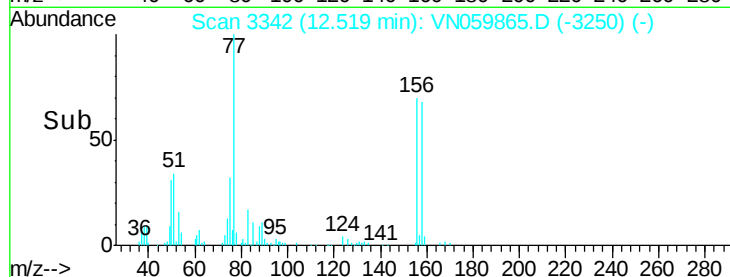
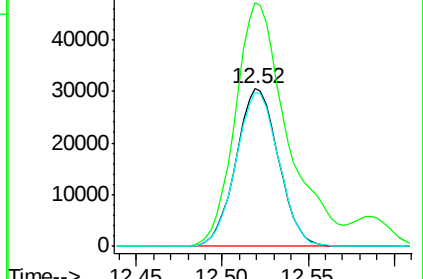
158 98.4 49.2 147.6



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: 20.72 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059865.D

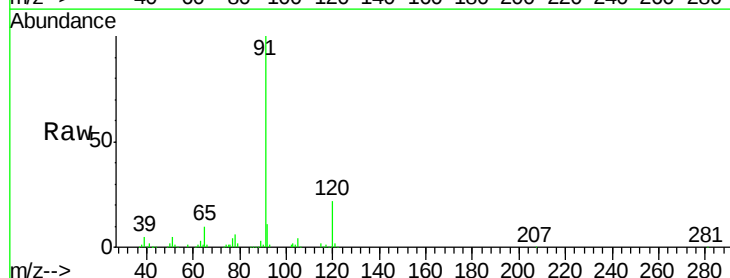
Acq: 27 Jan 2020 12:11

Tgt Ion: 91 Resp: 229000

Ion Ratio Lower Upper

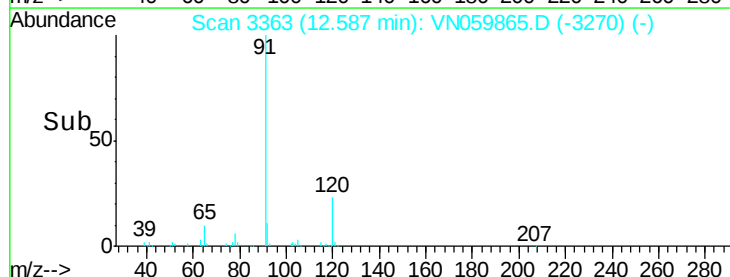
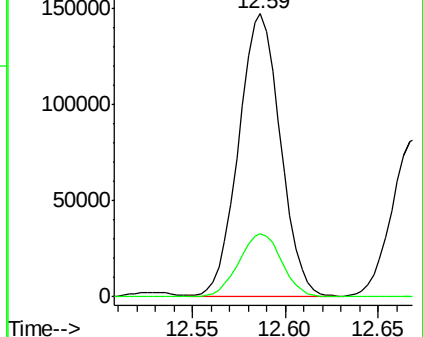
91 100

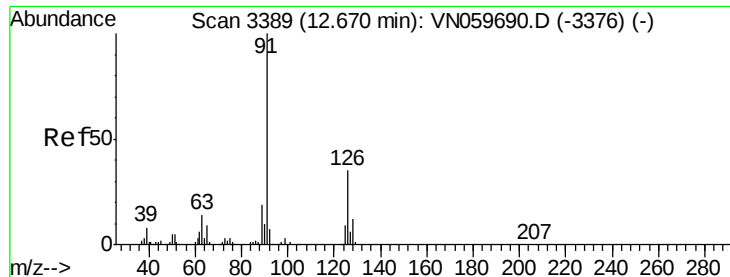
120 23.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

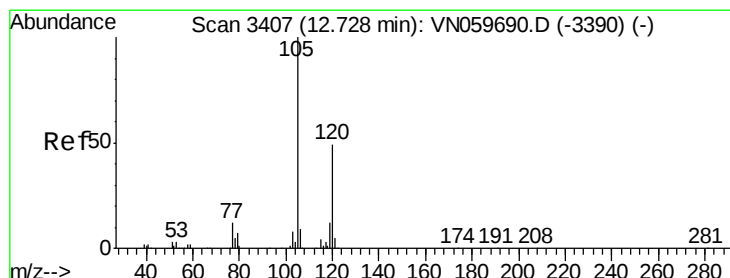
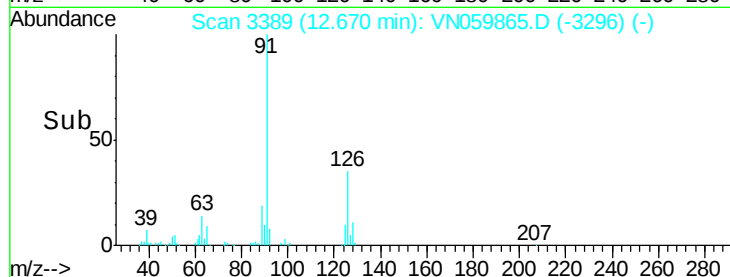
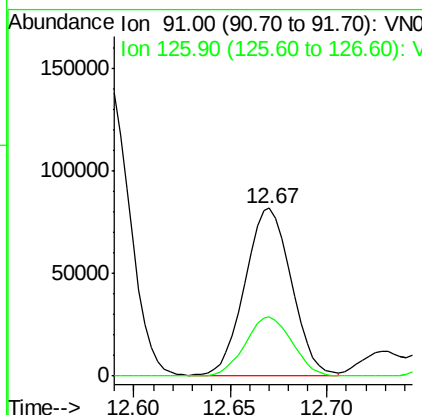
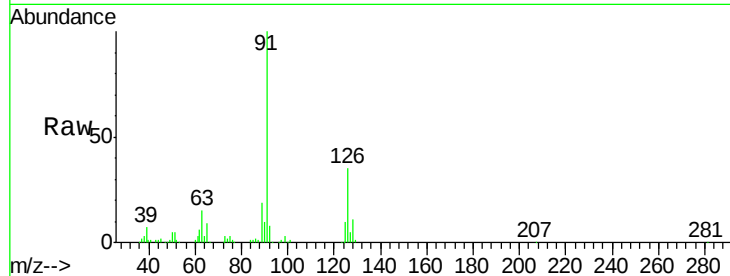




#79
 2-Chlorotoluene
 Concen: 20.65 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

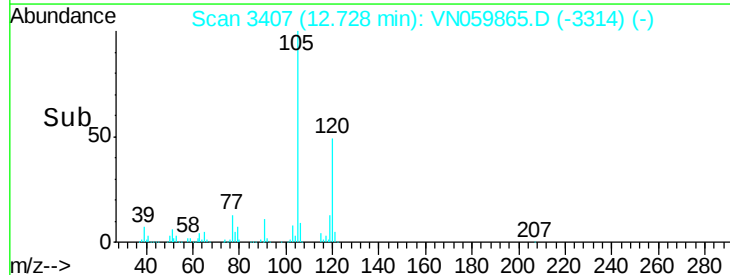
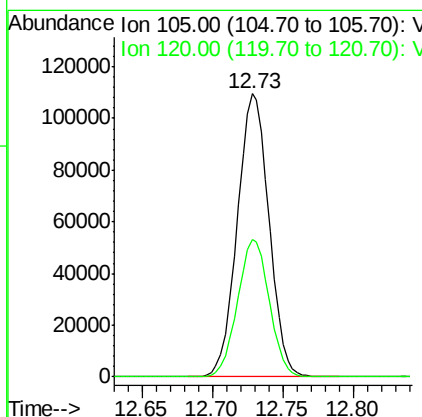
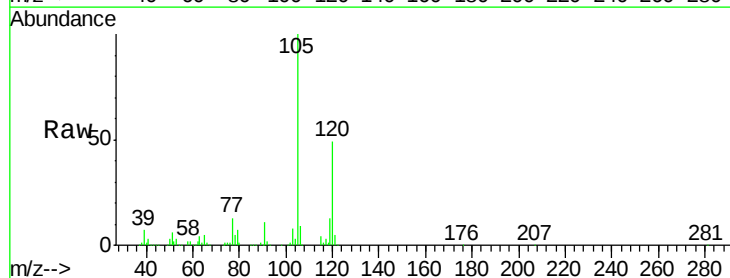
Instrument :
 MSVOA_N
 ClientSampled :
 VN0127WBS01

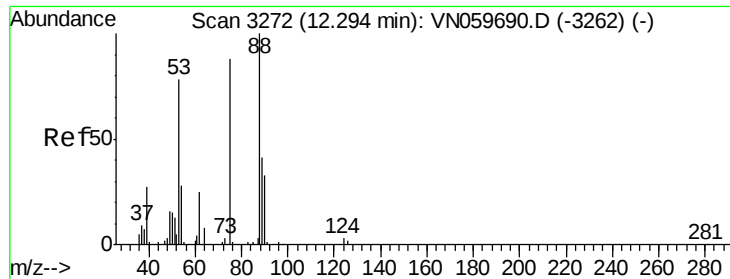
Tgt Ion: 91 Resp: 135813
 Ion Ratio Lower Upper
 91 100
 126 36.0 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.85 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion: 105 Resp: 172667
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.82 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBS01

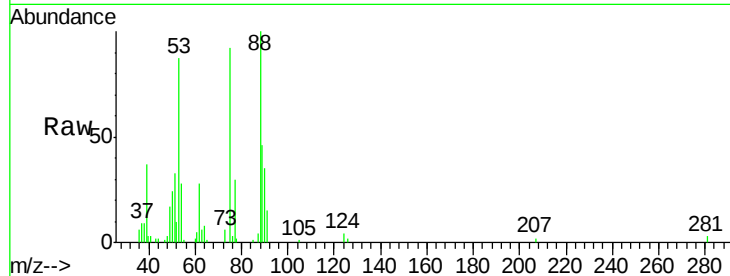
Tgt Ion: 75 Resp: 20859

Ion Ratio Lower Upper

75 100

53 92.7 78.1 117.1

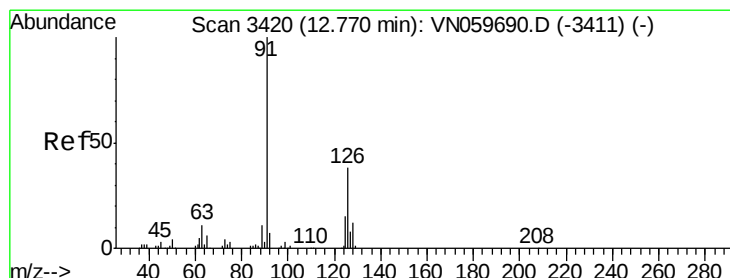
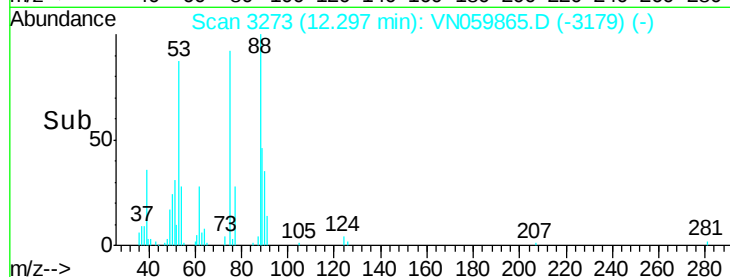
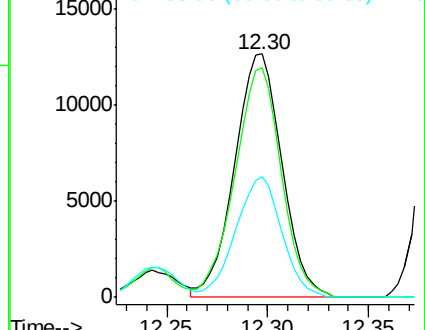
89 48.1 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.83 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN059865.D

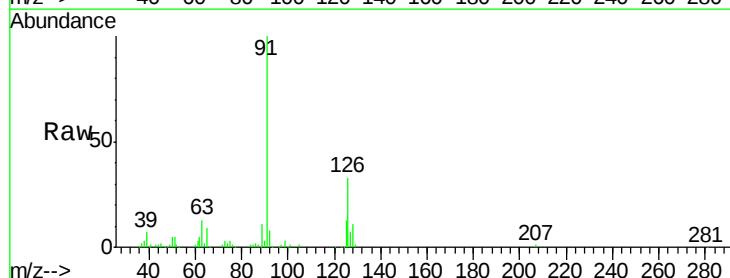
Acq: 27 Jan 2020 12:11

Tgt Ion: 91 Resp: 137369

Ion Ratio Lower Upper

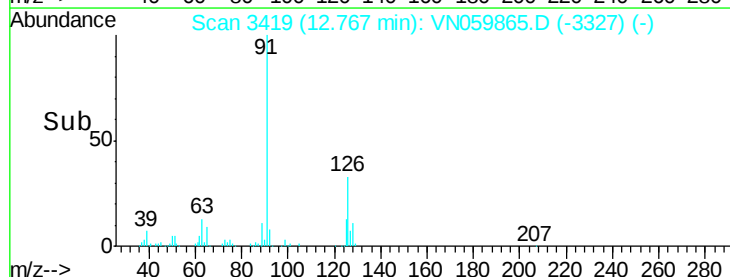
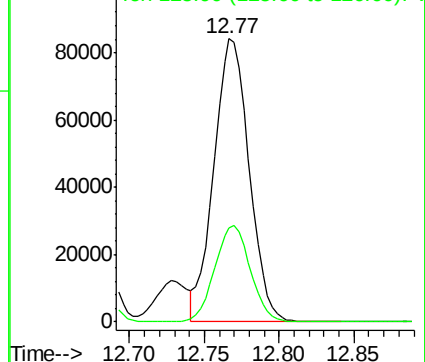
91 100

126 34.4 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.81 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBS01

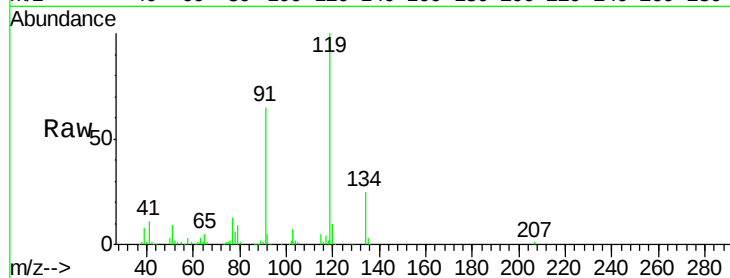
Tgt Ion:119 Resp: 149087

Ion Ratio Lower Upper

119 100

91 64.5 34.8 104.4

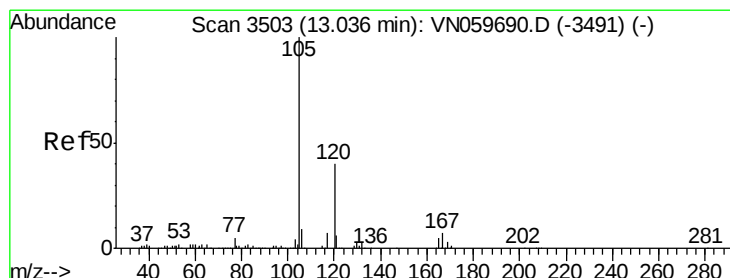
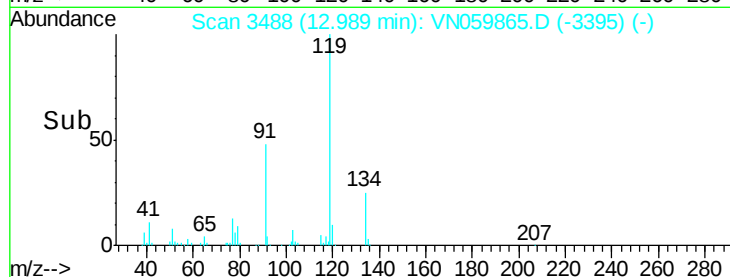
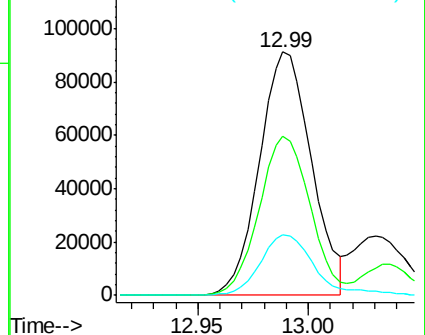
134 26.0 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.24 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN059865.D

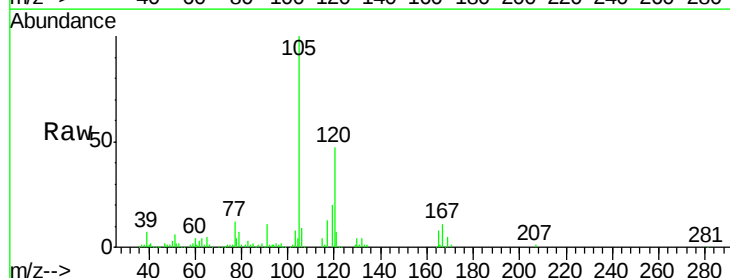
Acq: 27 Jan 2020 12:11

Tgt Ion:105 Resp: 174045

Ion Ratio Lower Upper

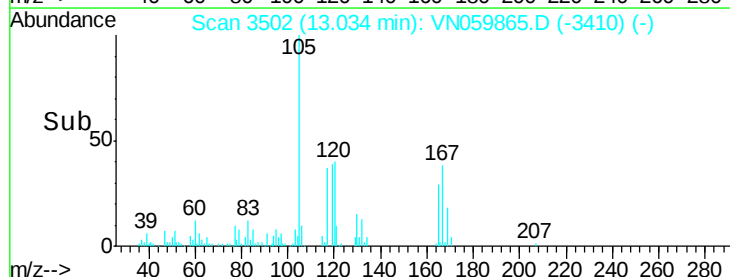
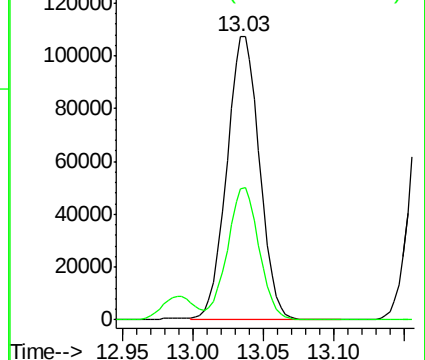
105 100

120 45.3 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

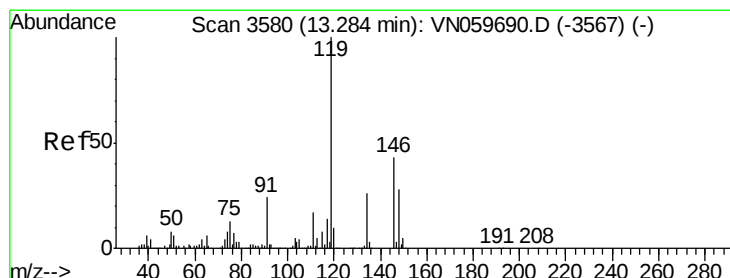
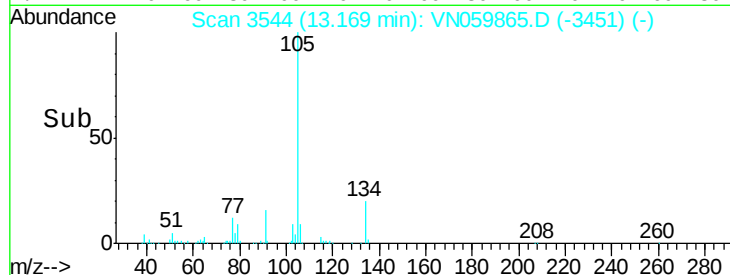
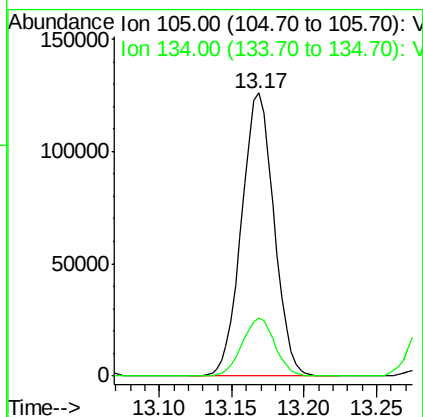
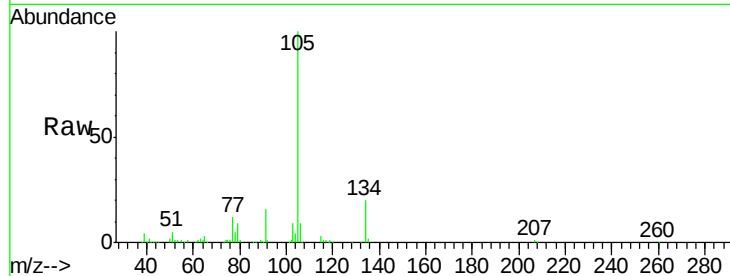




#85
 sec-Butylbenzene
 Concen: 20.88 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

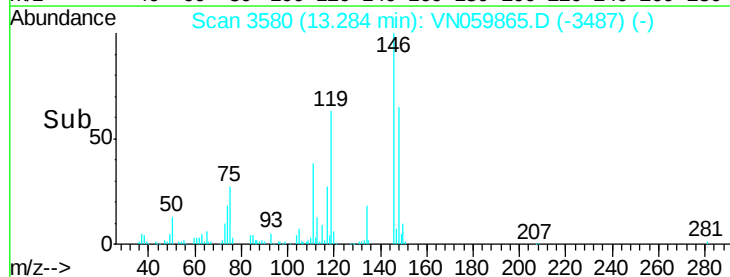
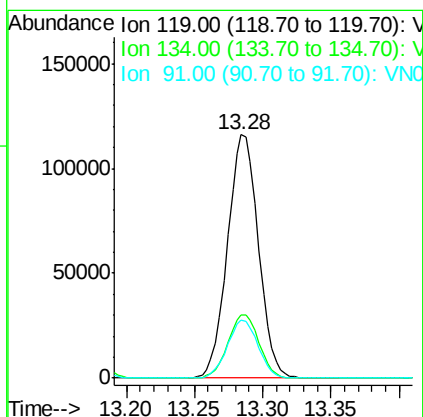
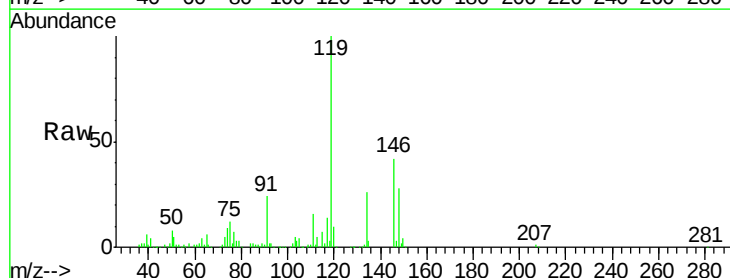
Instrument :
 MSVOA_N
 ClientSampled :
 VN0127WBS01

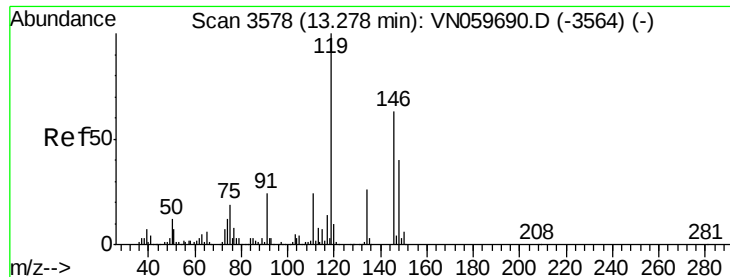
Tgt Ion:105 Resp: 196539
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 21.00 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion:119 Resp: 182824
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 23.6 12.4 37.4

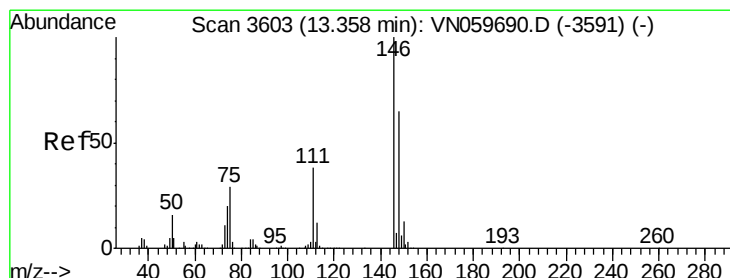
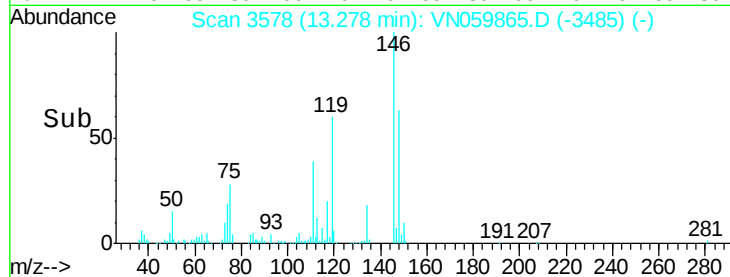
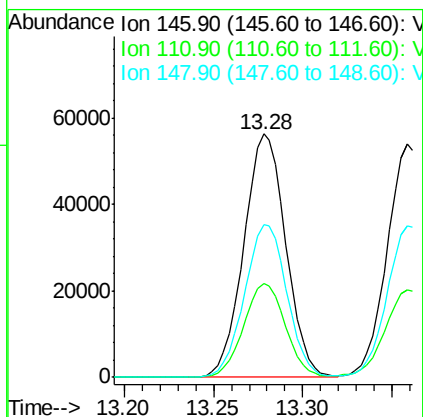
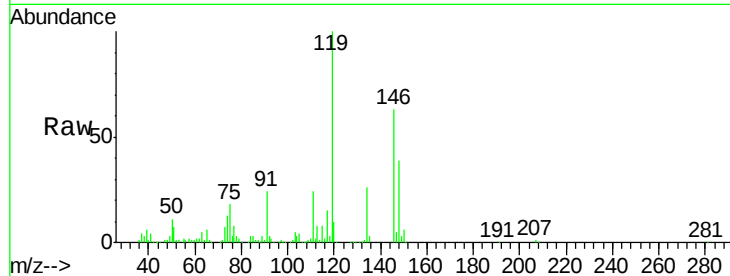




#87
 1,3-Dichlorobenzene
 Concen: 21.32 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

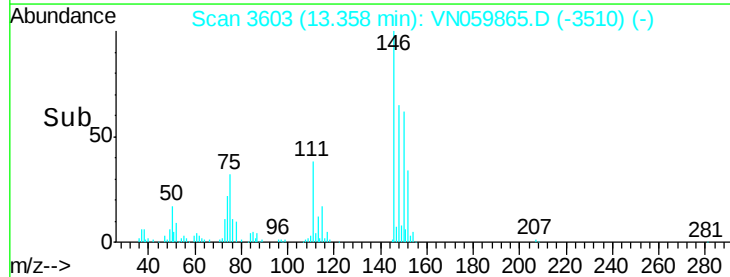
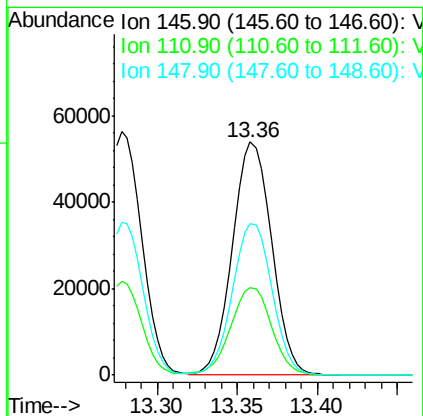
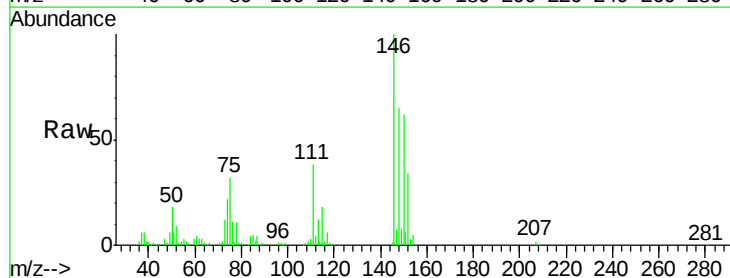
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

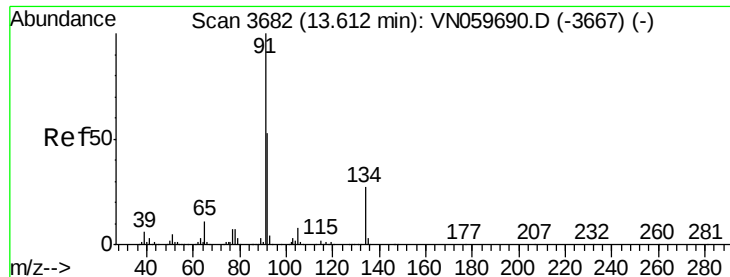
Tgt Ion:146 Resp: 92363
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.8 62.2
 148 63.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.95 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion:146 Resp: 90520
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.8 62.2
 148 65.5 31.8 95.4

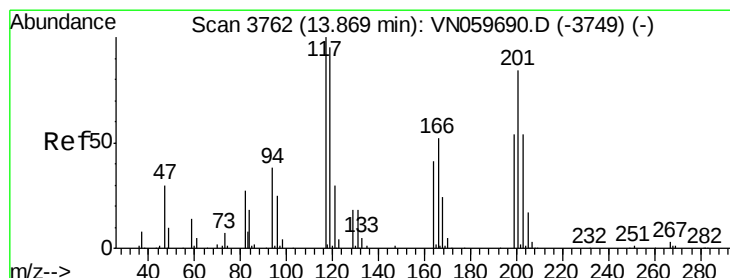
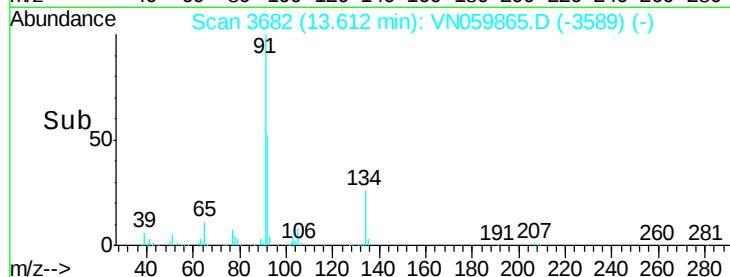
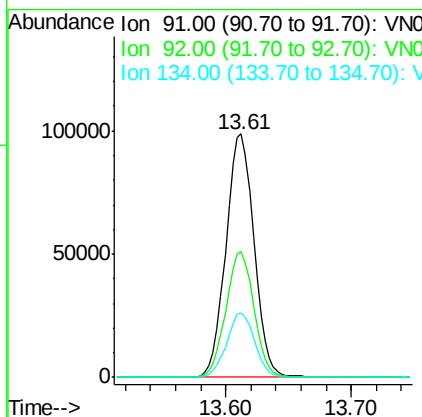
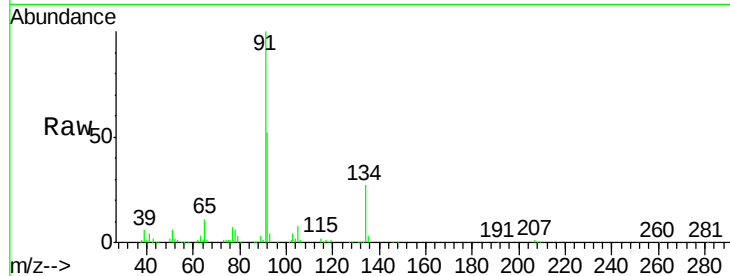




#89
n-Butylbenzene
Concen: 20.65 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

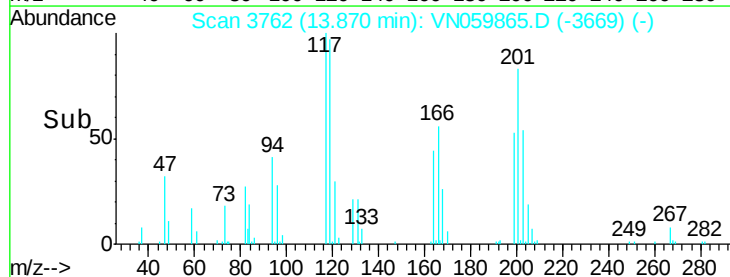
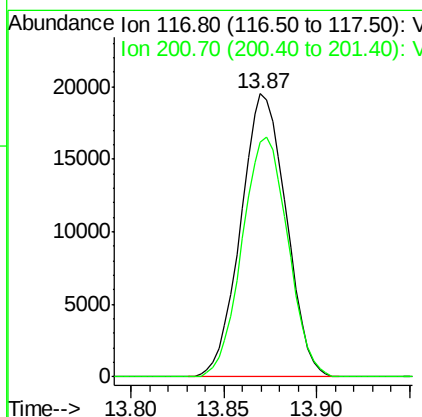
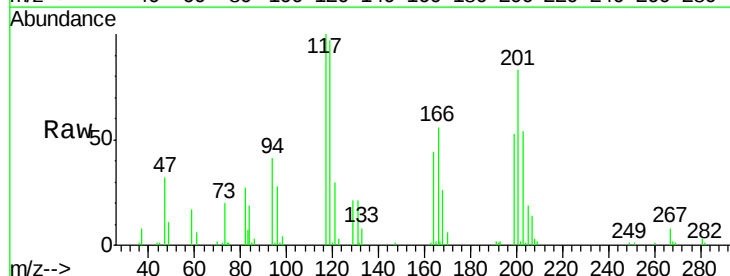
Instrument :
MSVOA_N
ClientSampled :
VN0127WBS01

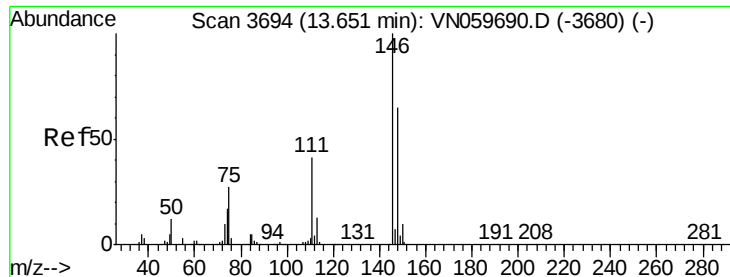
Tgt Ion: 91 Resp: 153355
Ion Ratio Lower Upper
91 100
92 51.6 25.9 77.7
134 26.3 12.3 36.8



#90
Hexachloroethane
Concen: 20.36 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 117 Resp: 33175
Ion Ratio Lower Upper
117 100
201 85.4 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 21.05 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBS01

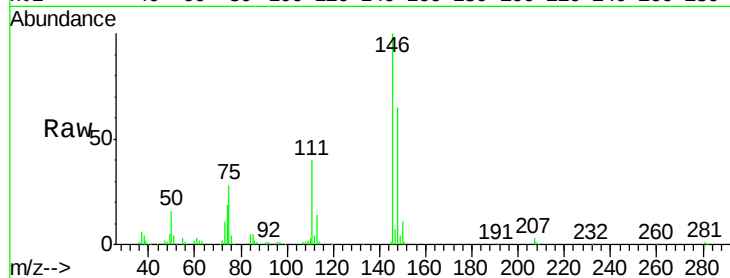
Tgt Ion:146 Resp: 90127

Ion Ratio Lower Upper

146 100

111 40.5 21.6 64.8

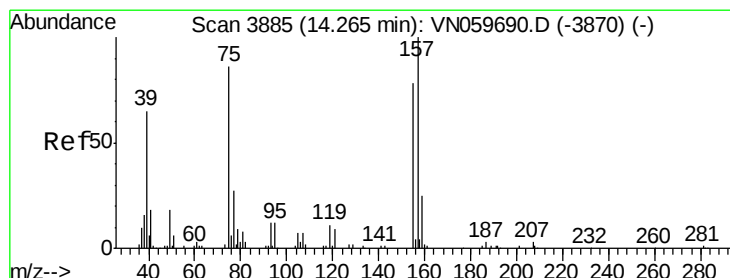
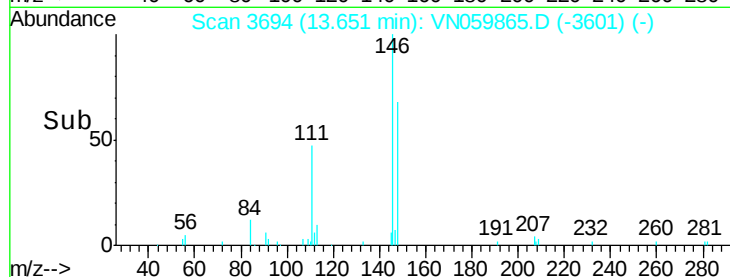
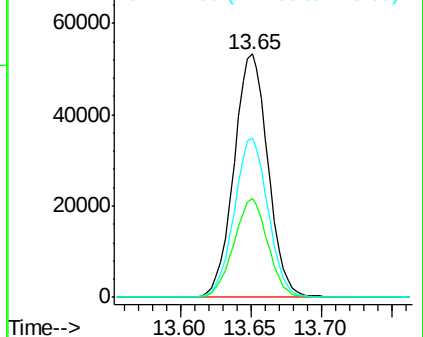
148 65.1 31.6 95.0



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: 18.76 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

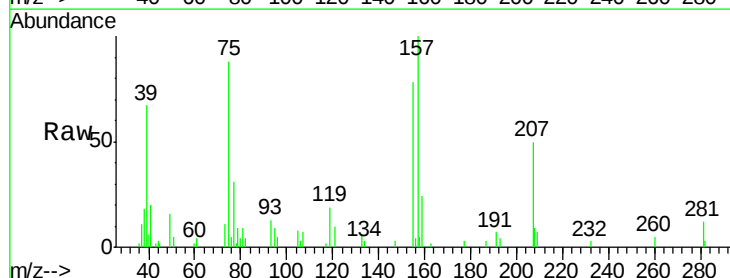
Tgt Ion: 75 Resp: 12296

Ion Ratio Lower Upper

75 100

155 90.3 37.0 110.9

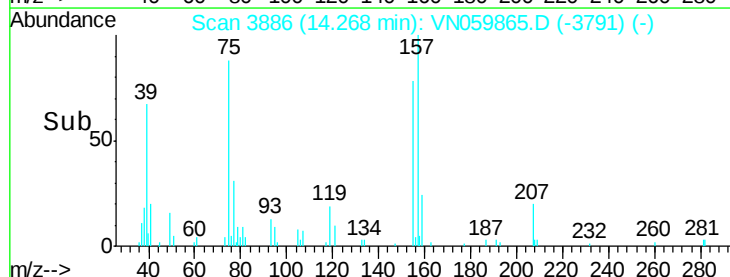
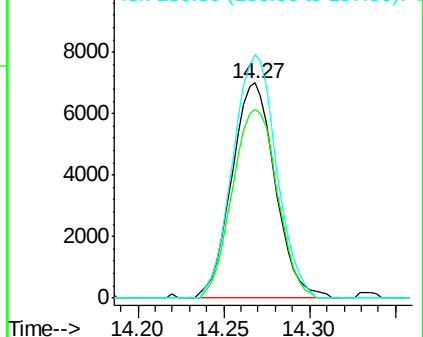
157 113.1 48.4 145.2

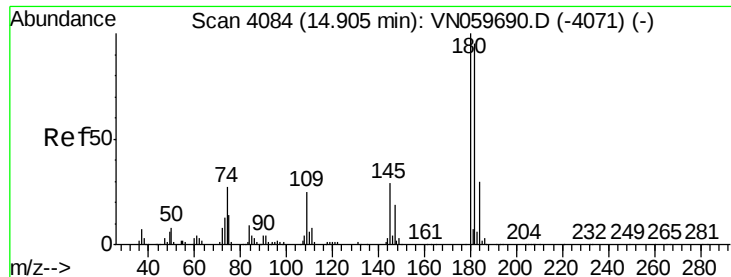


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.28 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBS01

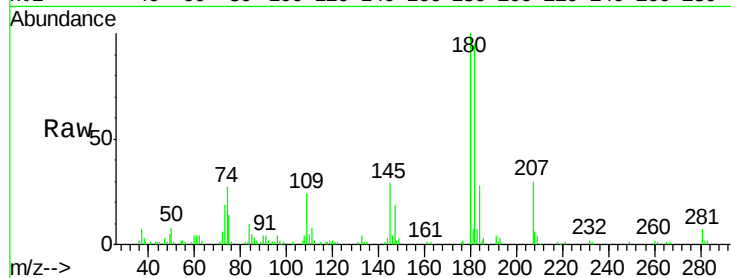
Tgt Ion:180 Resp: 52187

Ion Ratio Lower Upper

180 100

182 94.3 46.9 140.7

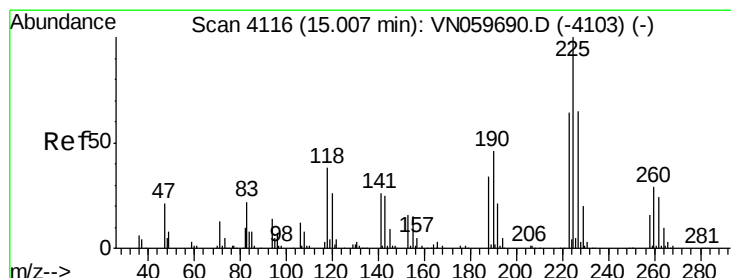
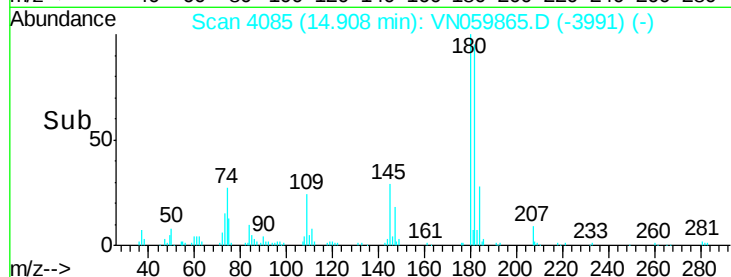
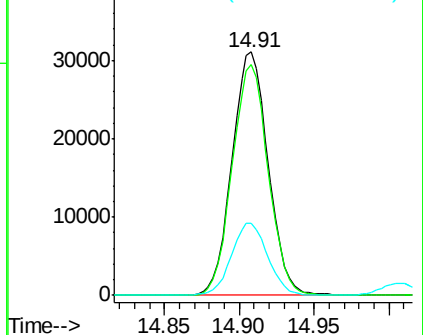
145 29.8 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 21.28 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

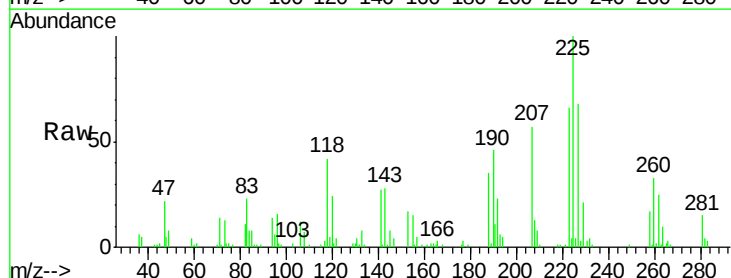
Tgt Ion:225 Resp: 30173

Ion Ratio Lower Upper

225 100

223 63.4 31.8 95.3

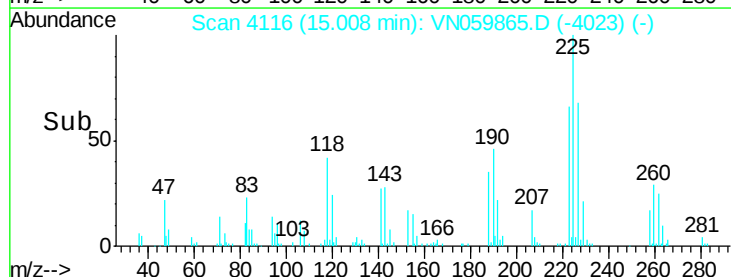
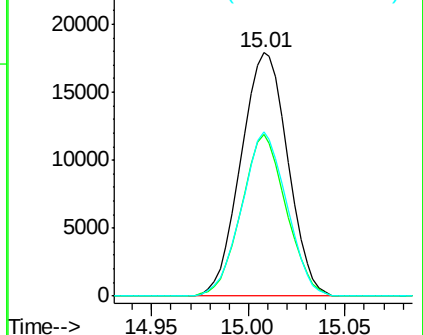
227 64.8 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

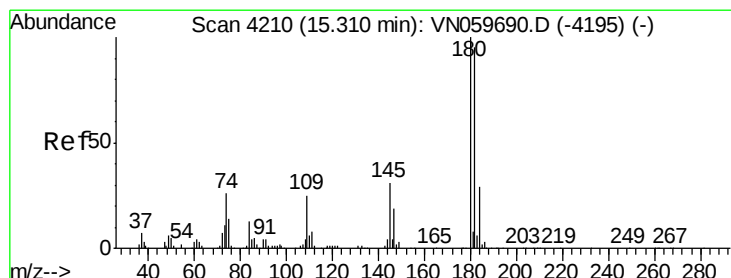
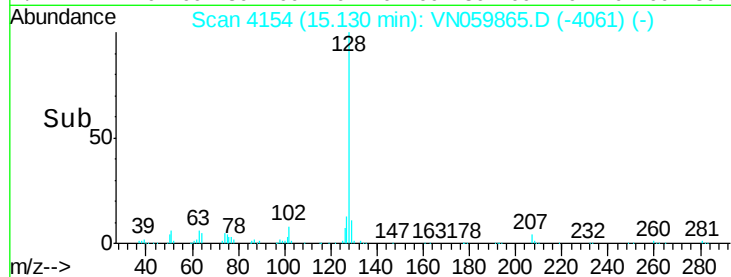
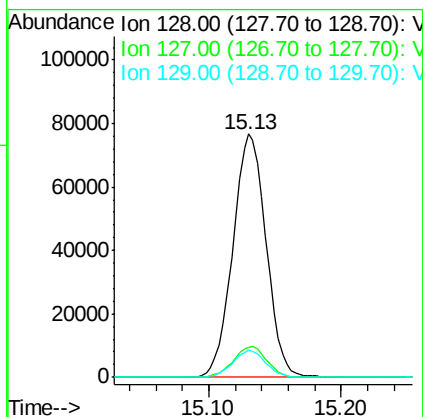
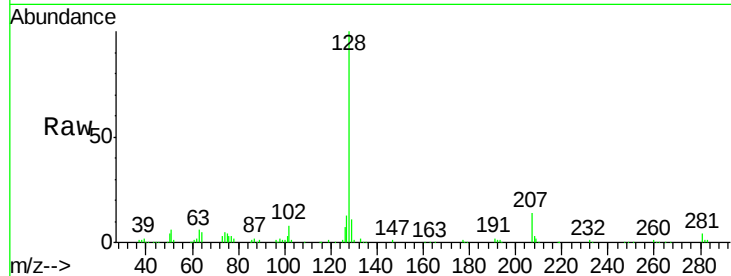




#95
Naphthalene
Concen: 18.20 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tgt Ion:128 Resp: 133199
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.01 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion:180 Resp: 50132
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.3
145 31.2 16.3 48.9

