

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012220\
 Data File : VN059821.D
 Acq On : 22 Jan 2020 9:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 22 17:30:26 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	211424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	321904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	294391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143863	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	118915	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	7.56	113	100235	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.08	98	380153	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.40	95	137932	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.83	85	114117	45.74	ug/l	98
3) Chloromethane	2.04	50	105231	43.47	ug/l	99
4) Vinyl Chloride	2.17	62	133912	48.35	ug/l	98
5) Bromomethane	2.53	94	81458	48.20	ug/l	100
6) Chloroethane	2.68	64	62264	47.52	ug/l	99
7) Trichlorofluoromethane	3.00	101	160114	48.14	ug/l	99
8) Diethyl Ether	3.38	74	56263	48.20	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	93498	50.51	ug/l	92
10) Methyl Iodide	3.93	142	139974	46.78	ug/l	95
11) Tert butyl alcohol	4.72	59	87159	220.51	ug/l	98
12) 1,1-Dichloroethene	3.71	96	89618	46.33	ug/l	88
13) Acrolein	3.57	56	61144	218.53	ug/l	98
14) Allyl chloride	4.29	41	120885	46.37	ug/l #	86
15) Acrylonitrile	4.94	53	212125	235.27	ug/l	100
16) Acetone	3.78	43	261282	329.45	ug/l	95
17) Carbon Disulfide	4.03	76	237444	43.09	ug/l	100
18) Methyl Acetate	4.29	43	128360	46.80	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	303446	48.11	ug/l	96
20) Methylene Chloride	4.52	84	100035	47.01	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	96642	47.00	ug/l	87
22) Diisopropyl ether	5.91	45	280689	47.51	ug/l	97
23) Vinyl Acetate	5.86	43	1085511	237.29	ug/l #	93
24) 1,1-Dichloroethane	5.81	63	170828	47.32	ug/l	98
25) 2-Butanone	6.80	43	332863	250.35	ug/l	92
26) 2,2-Dichloropropane	6.79	77	165512	47.69	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	114292	48.33	ug/l	88
28) Bromochloromethane	7.17	49	69723	48.32	ug/l #	73
29) Tetrahydrofuran	7.18	42	181975	221.20	ug/l #	87
30) Chloroform	7.35	83	182147	48.69	ug/l	100
31) Cyclohexane	7.63	56	147547	42.47	ug/l	90
32) 1,1,1-Trichloroethane	7.54	97	167474	48.42	ug/l	96
36) 1,1-Dichloropropene	7.77	75	134600	48.02	ug/l	95
37) Ethyl Acetate	6.89	43	118044	44.90	ug/l #	95
38) Carbon Tetrachloride	7.75	117	150765	49.44	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	164797	47.68	ug/l	90
40) Benzene	8.02	78	397537	47.55	ug/l	100
41) Methacrylonitrile	7.18	41	169630	130.98	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	139046	49.05	ug/l	96
43) Isopropyl Acetate	8.14	43	207447	45.87	ug/l #	94
44) Trichloroethene	8.82	130	116330	50.97	ug/l	96
45) 1,2-Dichloropropane	9.10	63	100226	48.45	ug/l	98
46) Dibromomethane	9.19	93	72330	49.56	ug/l	91
47) Bromodichloromethane	9.38	83	147767	50.25	ug/l	99
48) Methyl methacrylate	9.18	41	90848	44.91	ug/l	87
49) 1,4-Dioxane	9.18	88	37088	1001.54	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	602251	230.37	ug/l	94
52) Toluene	10.14	92	260263	49.29	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	166917	50.83	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	174012	50.37	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	102483	49.00	ug/l	96
56) Ethyl methacrylate	10.42	69	153649	48.08	ug/l	90
57) 1,3-Dichloropropane	10.70	76	167595	50.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	242811	252.25	ug/l	92
59) 2-Hexanone	10.74	43	483767	251.19	ug/l	93
60) Dibromochloromethane	10.89	129	122833	51.57	ug/l	99
61) 1,2-Dibromoethane	10.99	107	109376	49.89	ug/l	99
64) Tetrachloroethene	10.62	164	116181	48.42	ug/l	96
65) Chlorobenzene	11.43	112	285732	49.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	111363	49.81	ug/l	99
67) Ethyl Benzene	11.50	91	510048	48.56	ug/l	96
68) m/p-Xylenes	11.62	106	391458	98.66	ug/l	93
69) o-Xylene	11.94	106	188743	48.59	ug/l	94
70) Styrene	11.96	104	316480	48.69	ug/l	97
71) Bromoform	12.12	173	92898	51.87	ug/l #	99
73) Isopropylbenzene	12.24	105	511384	48.47	ug/l	99
74) N-amyl acetate	12.06	43	181562	44.35	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	142750	46.67	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	193459	79.91	ug/l #	100
77) Bromobenzene	12.52	156	129637	48.52	ug/l	81
78) n-propylbenzene	12.59	91	576521	48.68	ug/l	97
79) 2-Chlorotoluene	12.67	91	333337	47.32	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	430502	48.52	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	54485	48.33	ug/l	92
82) 4-Chlorotoluene	12.77	91	346214	49.00	ug/l	95
83) tert-Butylbenzene	12.99	119	369462	48.14	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	434618	49.51	ug/l	99
85) sec-Butylbenzene	13.17	105	493167	48.91	ug/l	99
86) p-Isopropyltoluene	13.28	119	456862	48.97	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	234026	50.42	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	230323	49.75	ug/l	97
89) n-Butylbenzene	13.61	91	396926	49.90	ug/l	98
90) Hexachloroethane	13.87	117	85024	48.71	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	226620	49.39	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30224	45.86	ug/l	81

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	141341	51.27	ug/l	99
94) Hexachlorobutadiene	15.01	225	75871	49.94	ug/l	100
95) Naphthalene	15.13	128	362808	46.26	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	131620	49.05	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

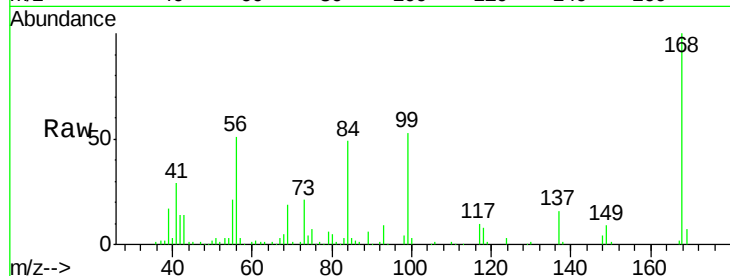
VSTDCCC050

Tgt Ion: 168 Resp: 211424

Ion Ratio Lower Upper

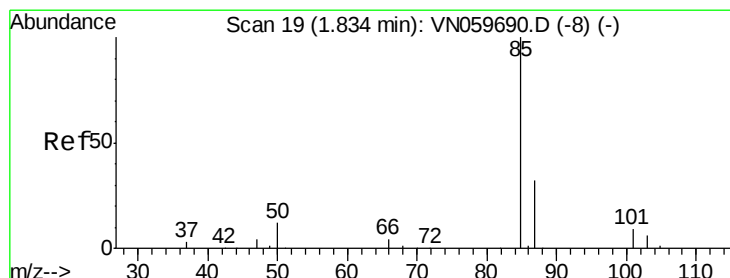
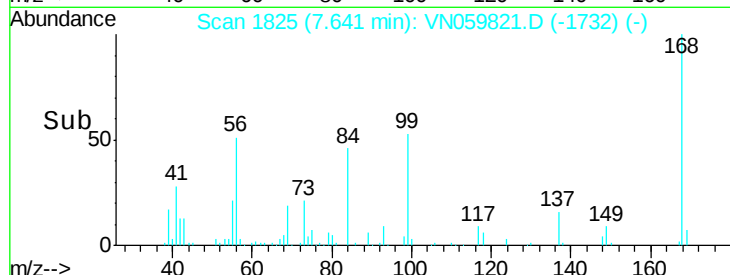
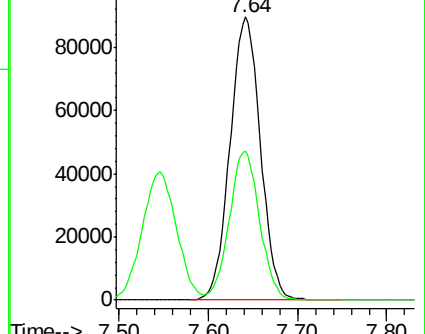
168 100

99 52.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 45.74 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059821.D

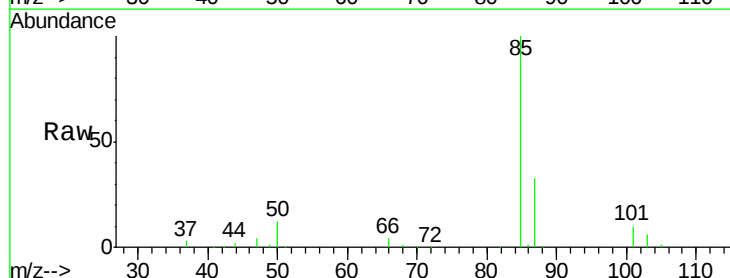
Acq: 22 Jan 2020 9:46

Tgt Ion: 85 Resp: 114117

Ion Ratio Lower Upper

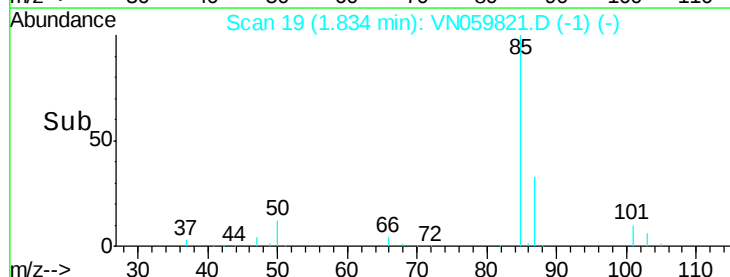
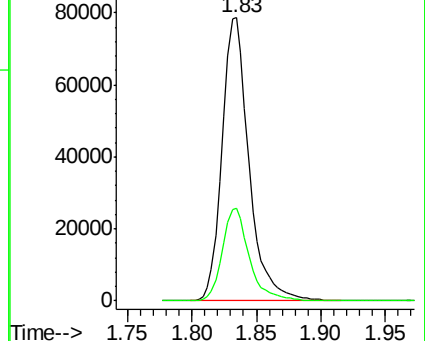
85 100

87 32.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.47 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

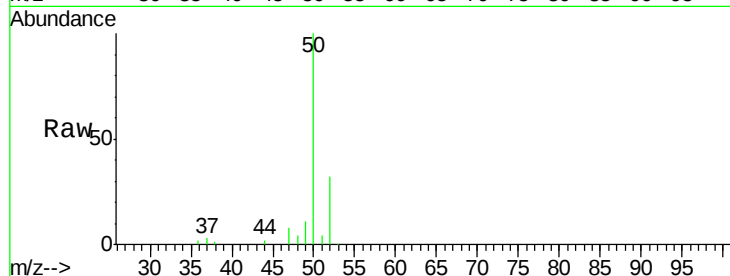
VSTDCCC050

Tgt Ion: 50 Resp: 105231

Ion Ratio Lower Upper

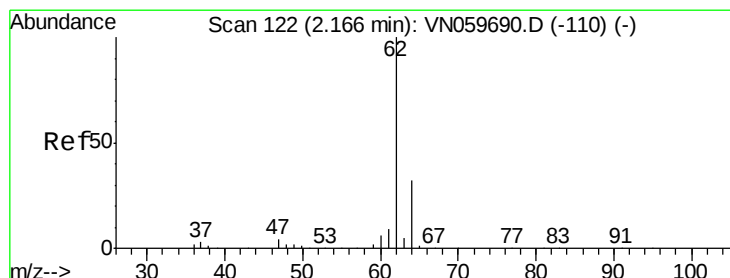
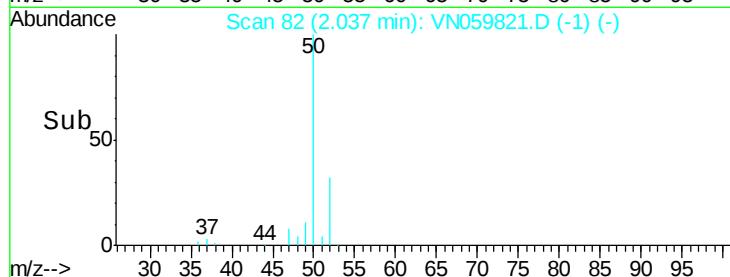
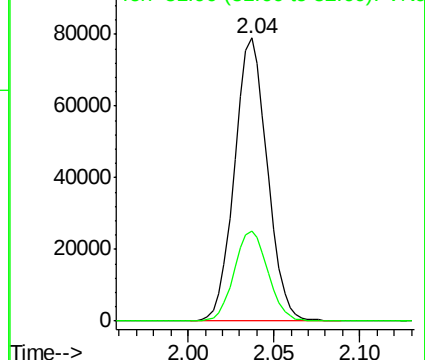
50 100

52 32.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 48.35 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059821.D

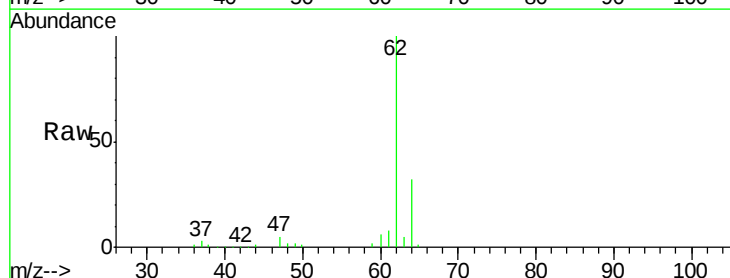
Acq: 22 Jan 2020 9:46

Tgt Ion: 62 Resp: 133912

Ion Ratio Lower Upper

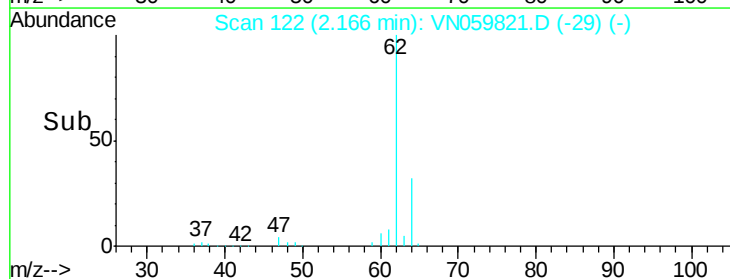
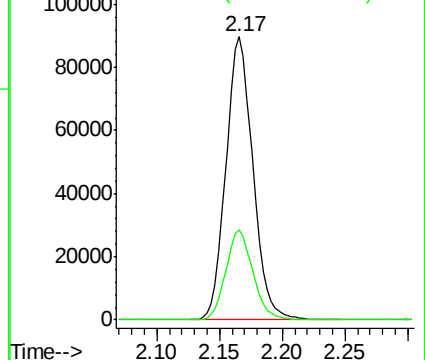
62 100

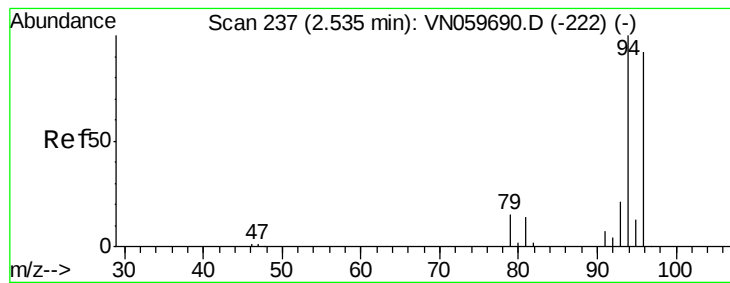
64 31.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 48.20 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

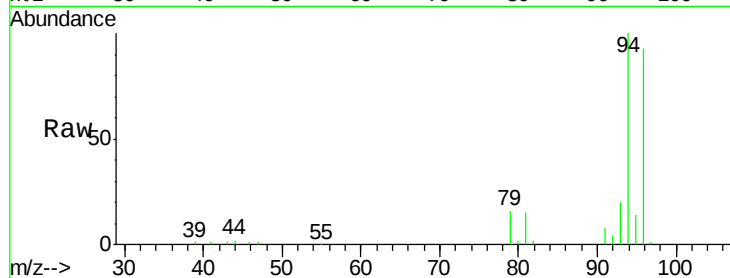
VSTDCCC050

Tgt Ion: 94 Resp: 81458

Ion Ratio Lower Upper

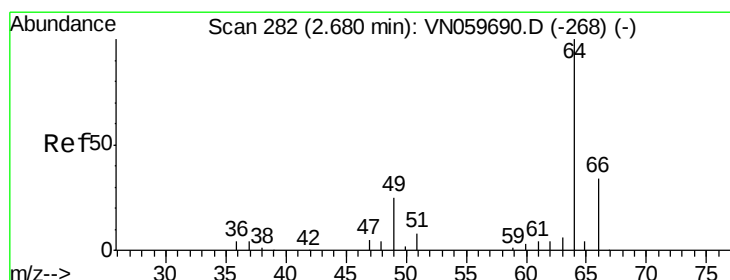
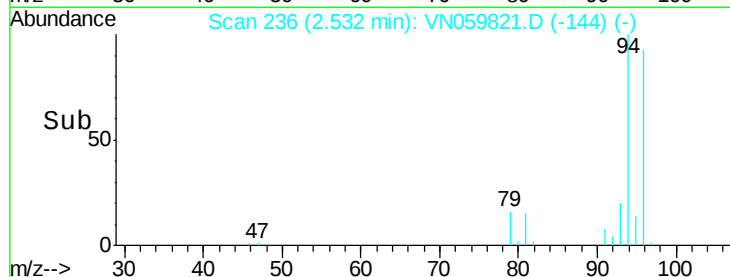
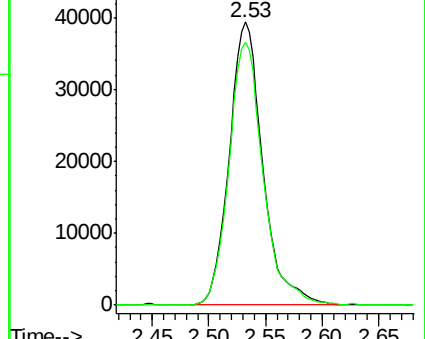
94 100

96 93.1 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN059821.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VN059821.D (-144) (-)



#6

Chloroethane

Concen: 47.52 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN059821.D

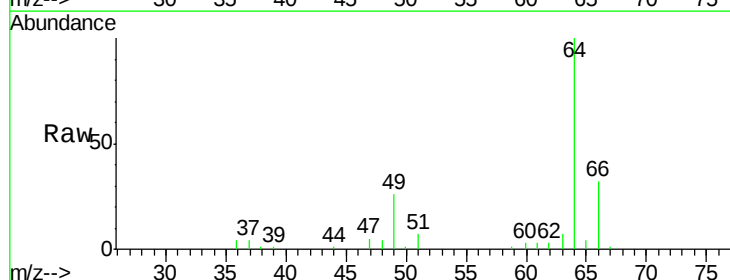
Acq: 22 Jan 2020 9:46

Tgt Ion: 64 Resp: 62264

Ion Ratio Lower Upper

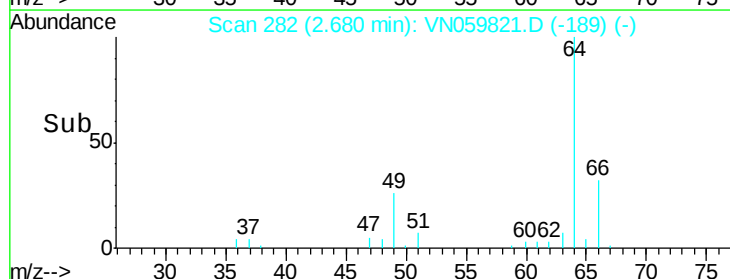
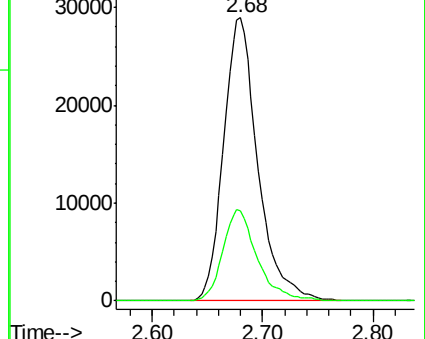
64 100

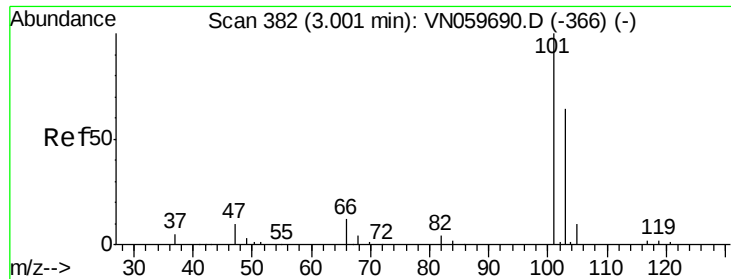
66 31.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN059821.D (-189) (-)

Ion 65.90 (65.60 to 66.60): VN059821.D (-189) (-)



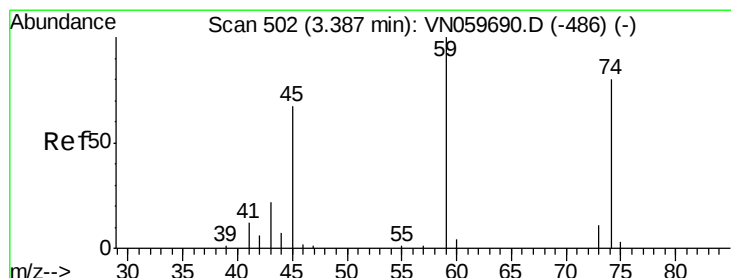
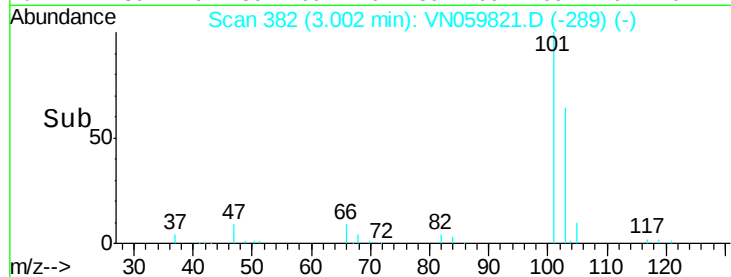
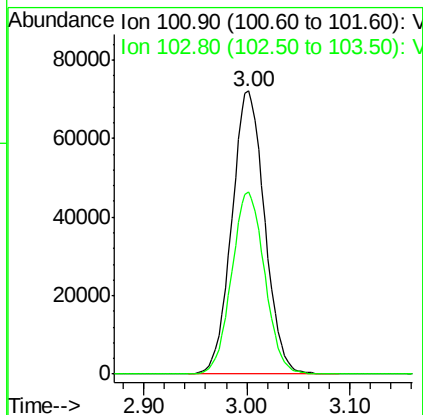
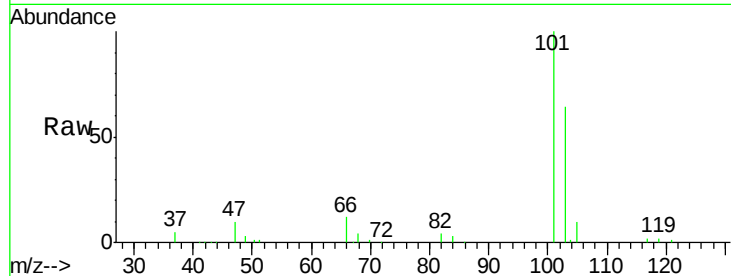


#7

Trichlorofluoromethane
 Concen: 48.14 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

Instrument :
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 VSTDCCC050

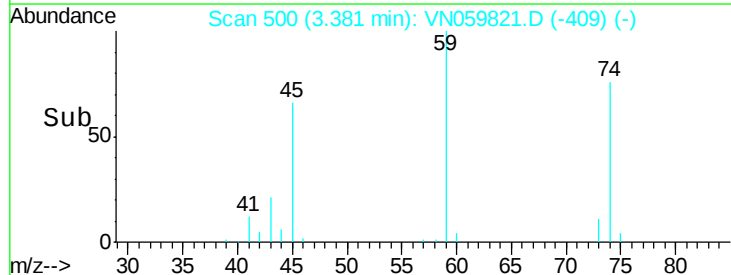
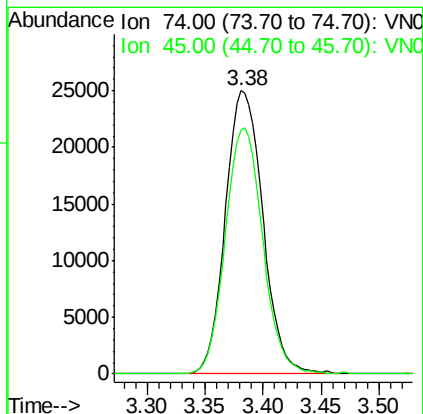
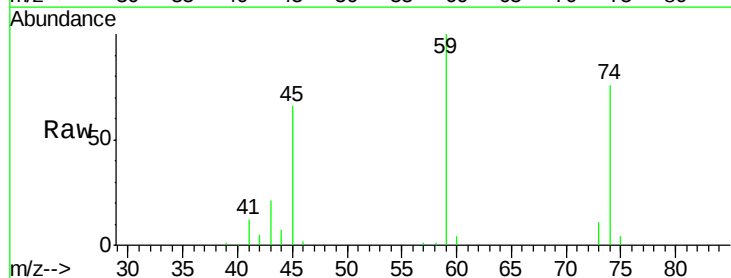
Tgt Ion: 101 Resp: 160114
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.0 76.6

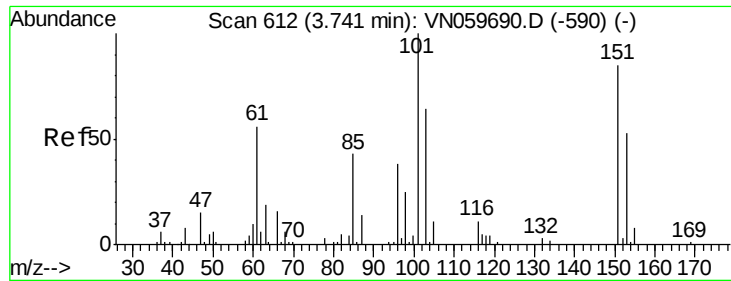


#8

Diethyl Ether
 Concen: 48.20 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

Tgt Ion: 74 Resp: 56263
 Ion Ratio Lower Upper
 74 100
 45 86.6 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.51 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

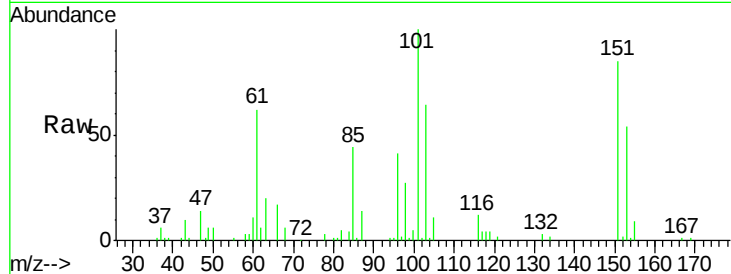
Tgt Ion:101 Resp: 93498

Ion Ratio Lower Upper

101 100

85 43.6 36.6 54.8

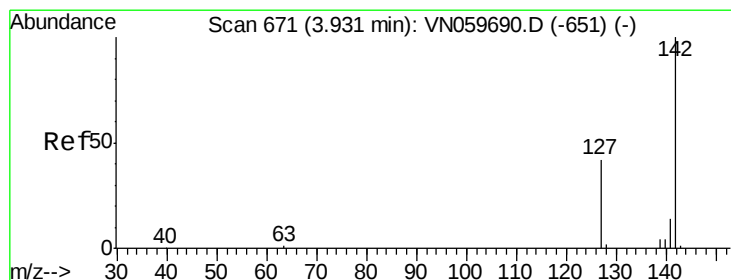
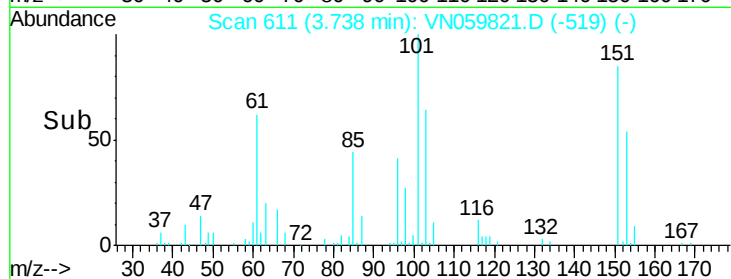
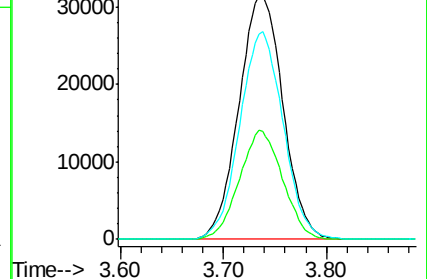
151 83.8 59.7 89.5



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: 46.78 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

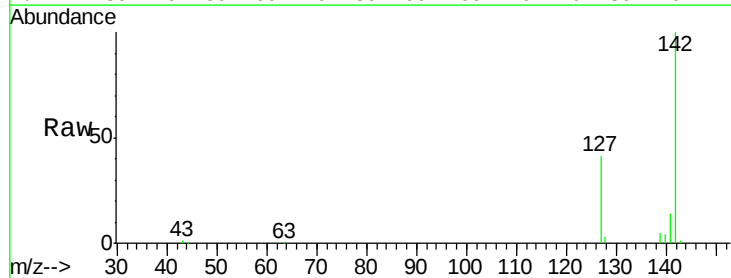
Tgt Ion:142 Resp: 139974

Ion Ratio Lower Upper

142 100

127 41.5 36.7 55.1

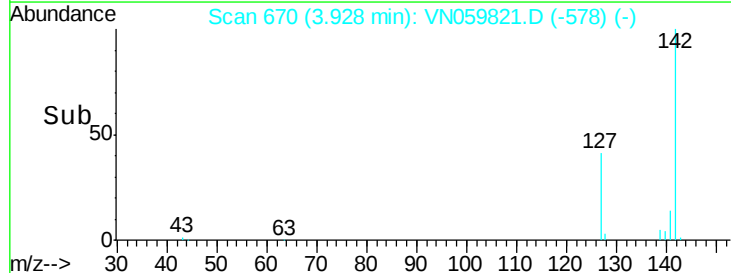
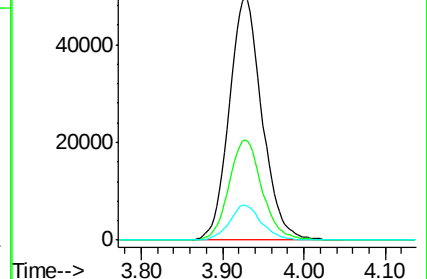
141 14.0 11.7 17.5

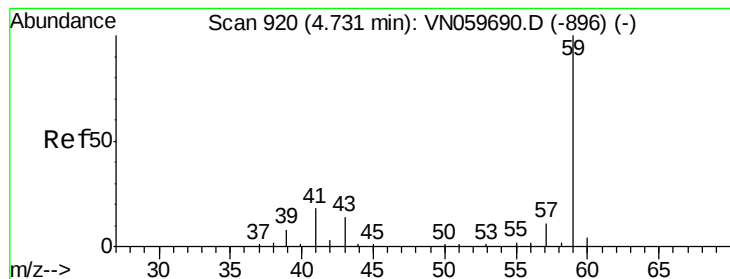


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



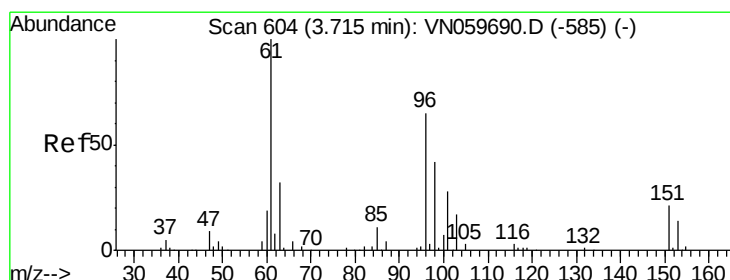
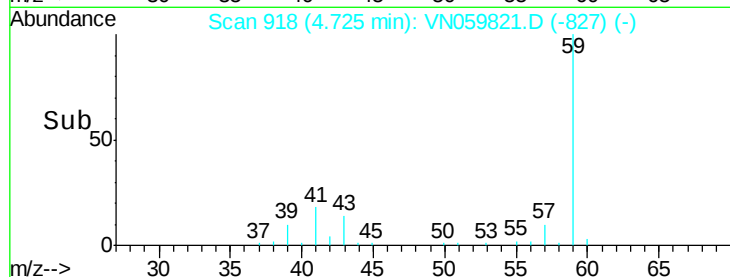
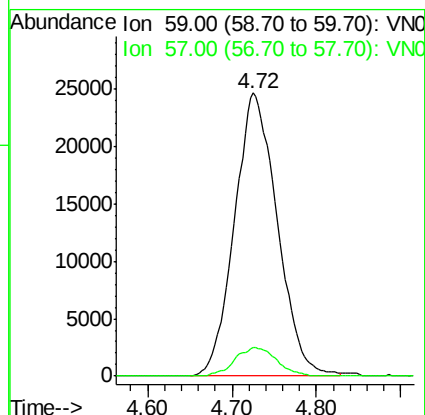
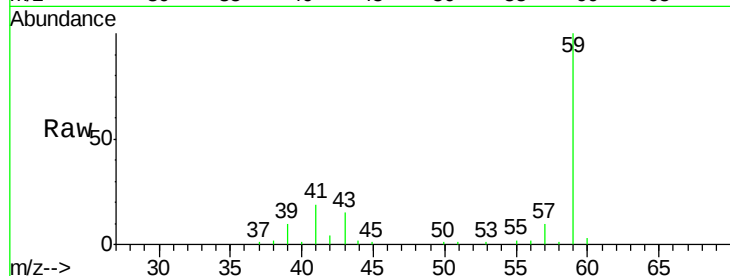


#11

Tert butyl alcohol
Concen: 220.51 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

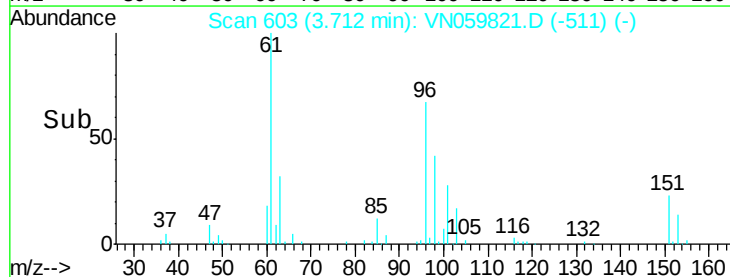
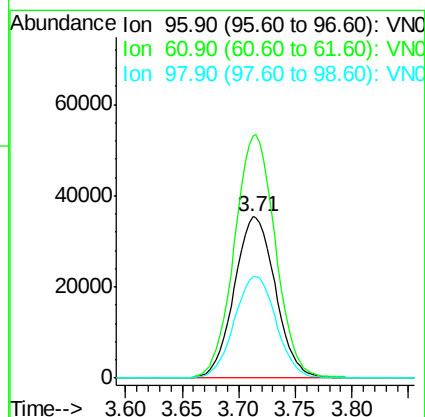
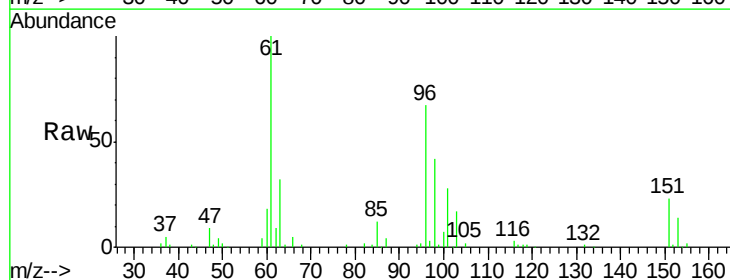
Tgt Ion: 59 Resp: 87159
Ion Ratio Lower Upper
59 100
57 9.9 8.6 12.8



#12

1,1-Dichloroethene
Concen: 46.33 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

Tgt Ion: 96 Resp: 89618
Ion Ratio Lower Upper
96 100
61 149.8 137.5 206.3
98 62.7 50.2 75.4





#13

Acrolein

Concen: 218.53 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

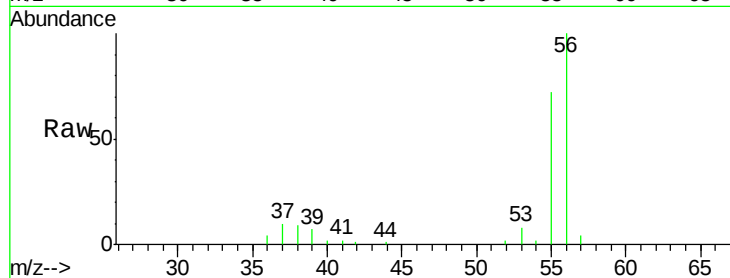
VSTDCCC050

Tgt Ion: 56 Resp: 61144

Ion Ratio Lower Upper

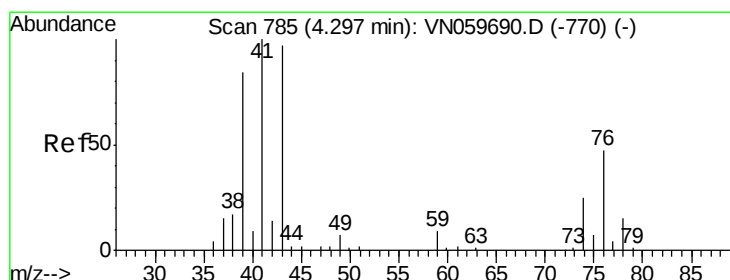
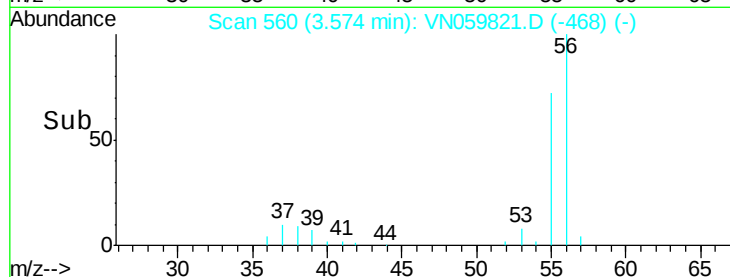
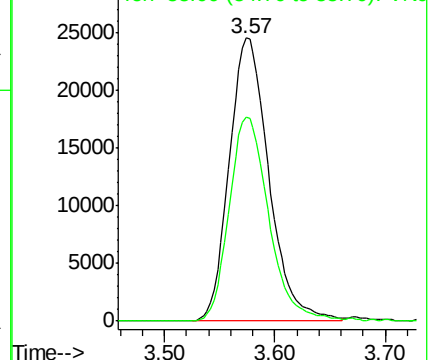
56 100

55 71.9 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN059821.D (-468) (-)

Ion 55.00 (54.70 to 55.70): VN059821.D (-468) (-)



#14

Allyl chloride

Concen: 46.37 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

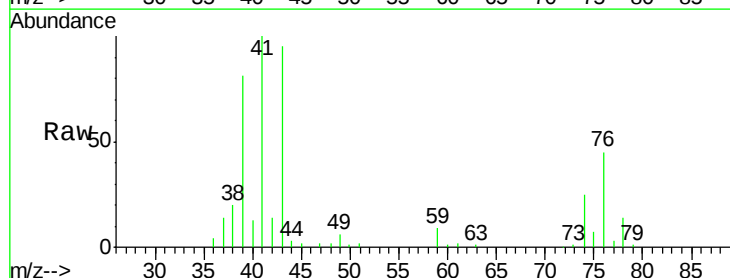
Tgt Ion: 41 Resp: 120885

Ion Ratio Lower Upper

41 100

39 80.3 57.8 86.8

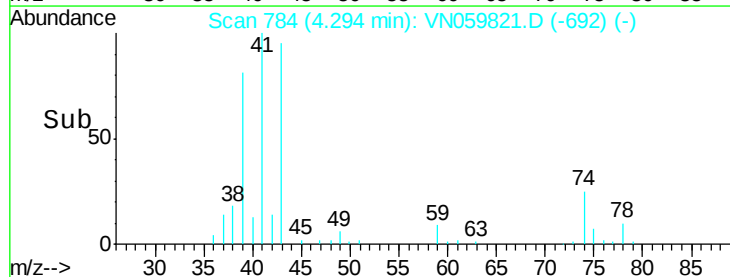
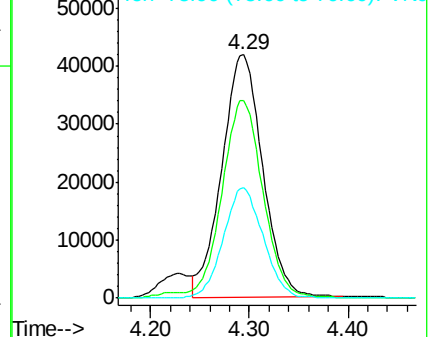
76 44.3 25.4 38.0#

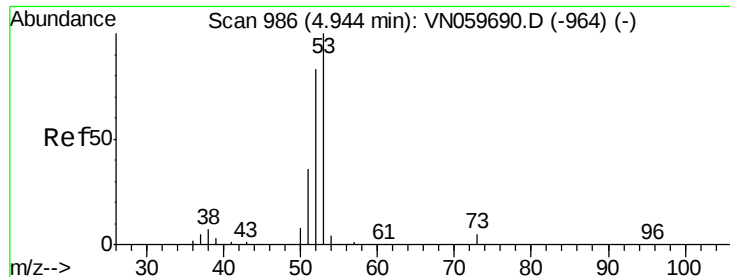


Abundance Ion 41.00 (40.70 to 41.70): VN059821.D (-692) (-)

Ion 39.00 (38.70 to 39.70): VN059821.D (-692) (-)

Ion 75.90 (75.60 to 76.60): VN059821.D (-692) (-)





#15

Acrylonitrile

Concen: 235.27 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

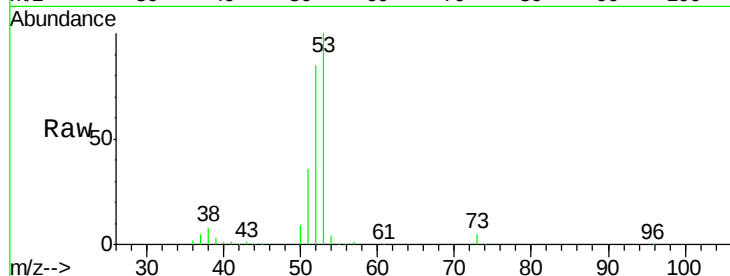
Tgt Ion: 53 Resp: 212125

Ion Ratio Lower Upper

53 100

52 83.0 66.3 99.5

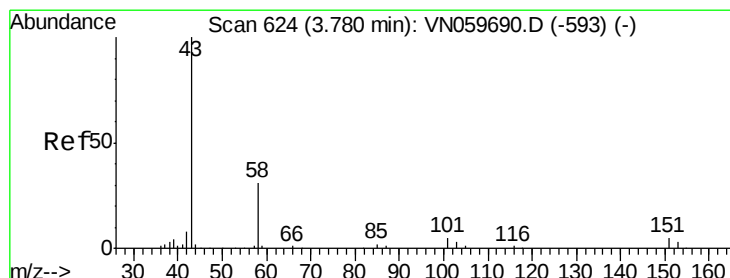
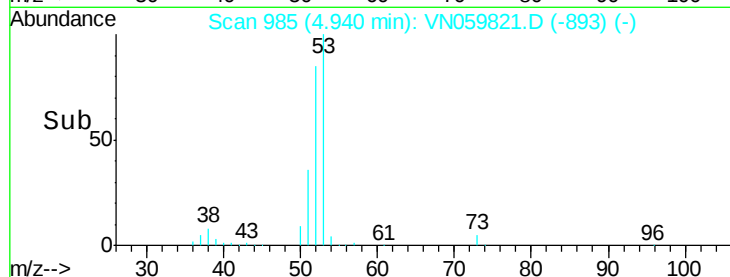
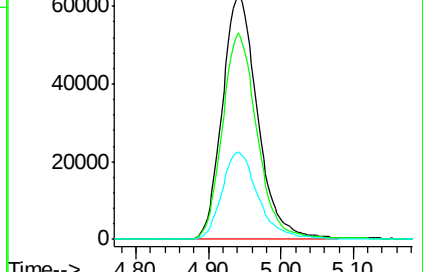
51 36.8 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059821.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN059821.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN059821.D (-893) (-)



#16

Acetone

Concen: 329.45 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN059821.D

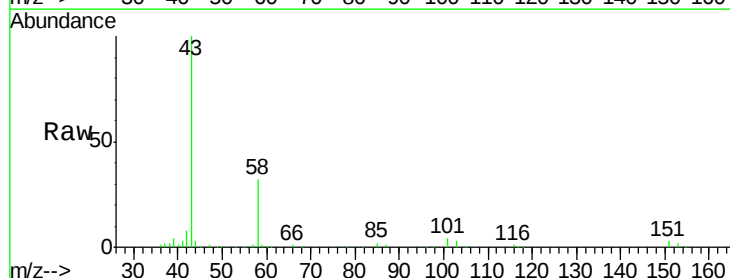
Acq: 22 Jan 2020 9:46

Tgt Ion: 43 Resp: 261282

Ion Ratio Lower Upper

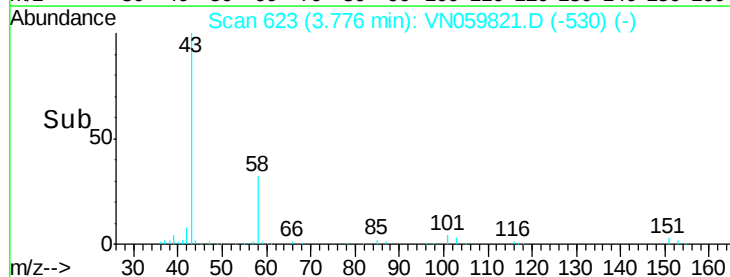
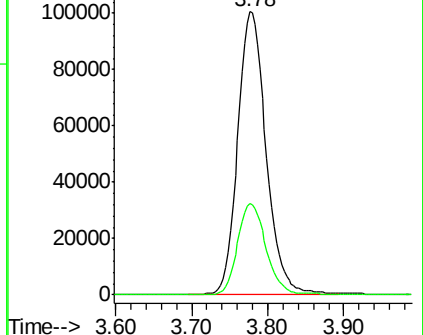
43 100

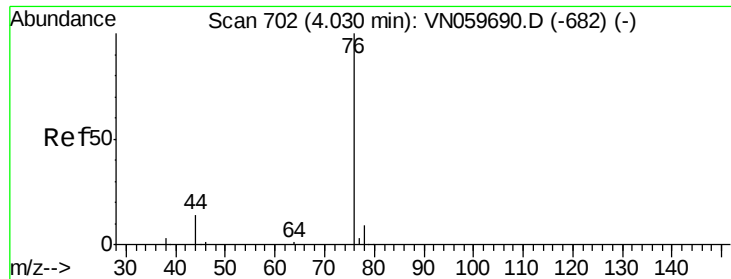
58 32.3 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059821.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN059821.D (-530) (-)

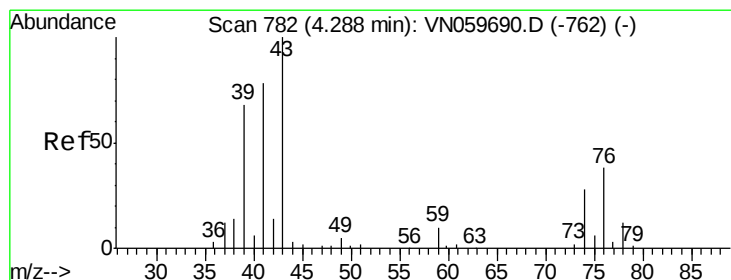
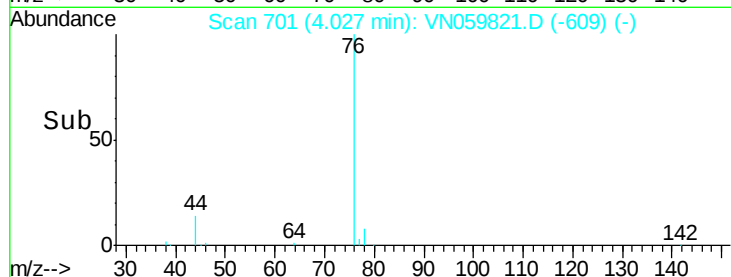
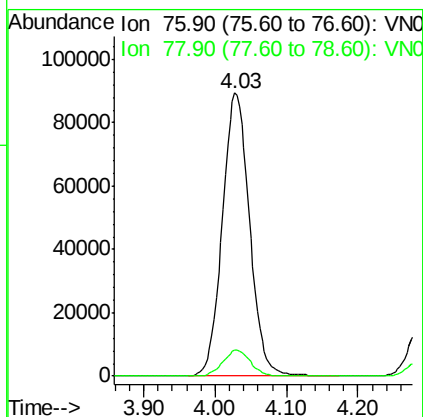
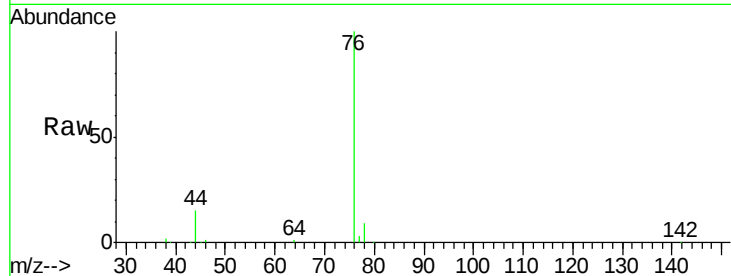




#17
Carbon Disulfide
Concen: 43.09 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

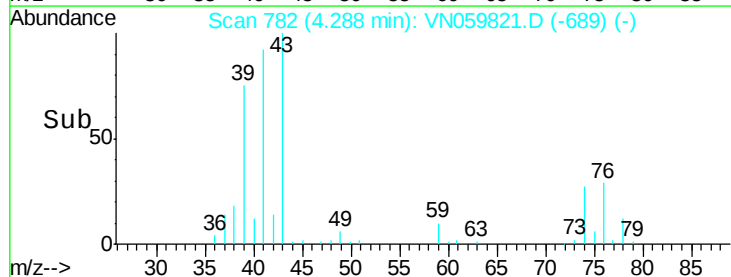
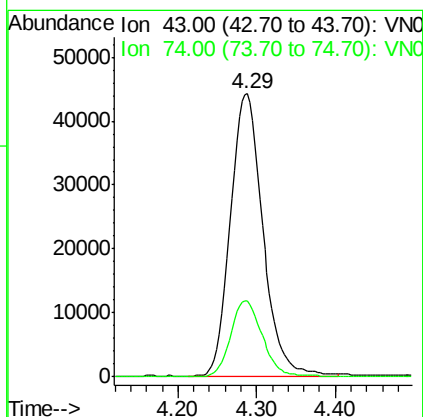
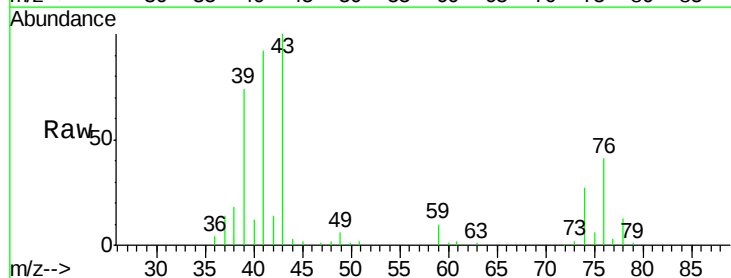
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

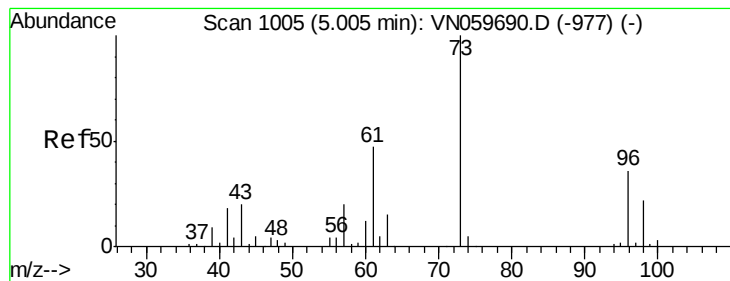
Tgt Ion: 76 Resp: 237444
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 46.80 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

Tgt Ion: 43 Resp: 128360
Ion Ratio Lower Upper
43 100
74 26.0 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 48.11 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

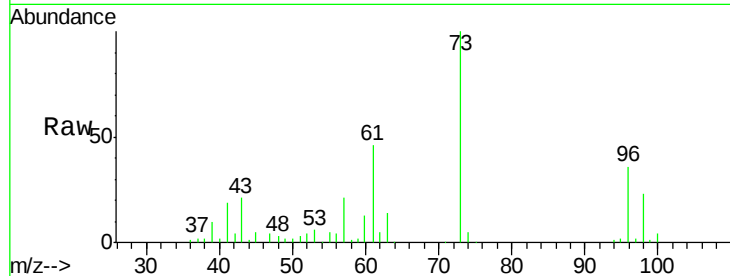
VSTDCCC050

Tgt Ion: 73 Resp: 303446

Ion Ratio Lower Upper

73 100

57 21.2 18.6 27.8



Abundance Ion 73.00 (72.70 to 73.70): VN059690.D (-977) (-)

Ion 57.00 (56.70 to 57.70): VN059690.D (-977) (-)

5.00

80000

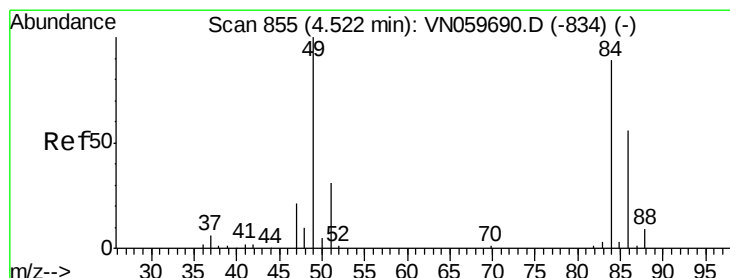
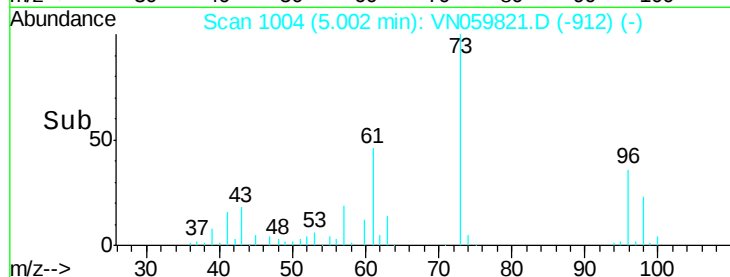
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 47.01 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Tgt Ion: 84 Resp: 100035

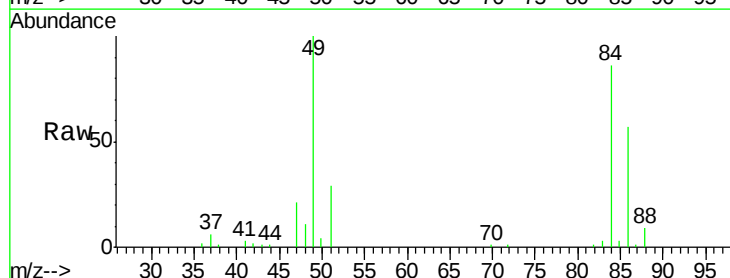
Ion Ratio Lower Upper

84 100

49 115.8 106.6 160.0

51 33.6 31.9 47.9

86 65.9 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN059690.D (-834) (-)

Ion 48.90 (48.60 to 49.60): VN059690.D (-834) (-)

Ion 50.90 (50.60 to 51.60): VN059690.D (-834) (-)

Ion 85.90 (85.60 to 86.60): VN059690.D (-834) (-)

4.52

50000

40000

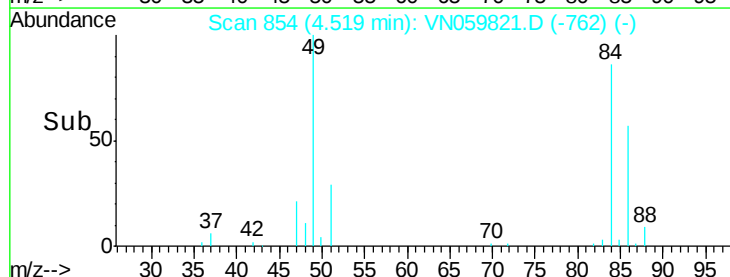
30000

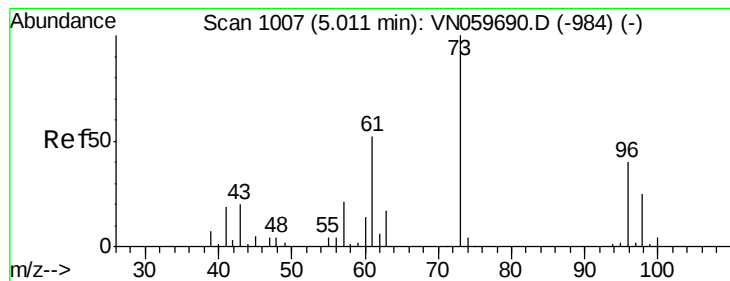
20000

10000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 47.00 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

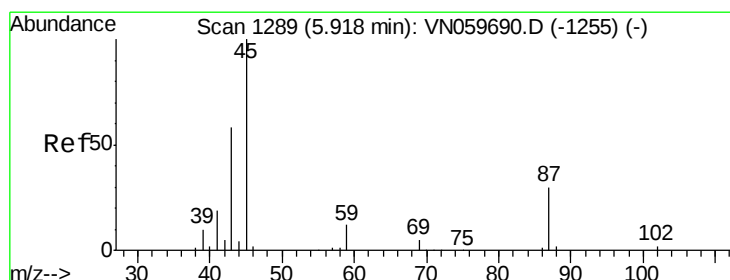
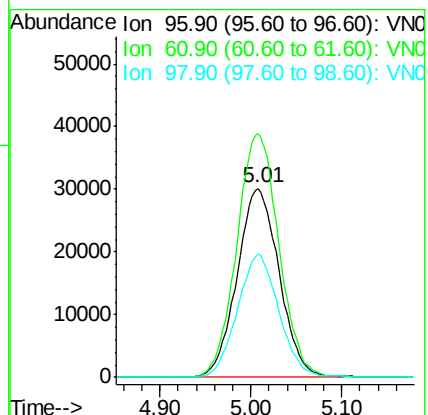
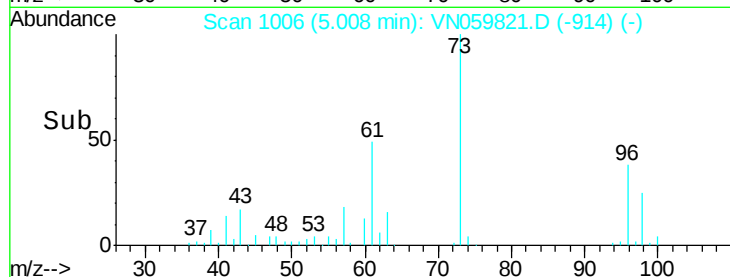
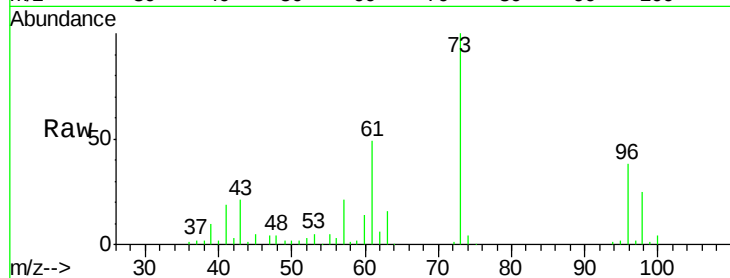
Tgt Ion: 96 Resp: 96642

Ion Ratio Lower Upper

96 100

61 128.7 120.4 180.6

98 65.2 50.6 75.8



#22

Diisopropyl ether

Concen: 47.51 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Tgt Ion: 45 Resp: 280689

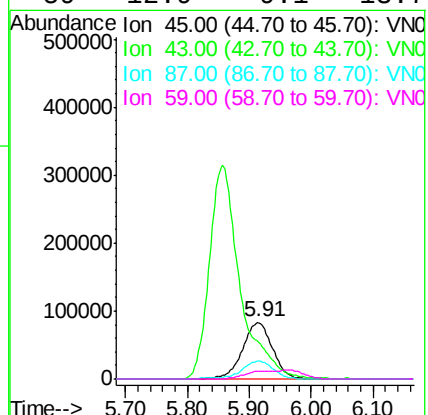
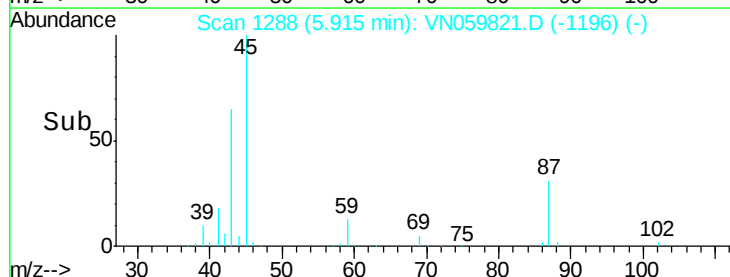
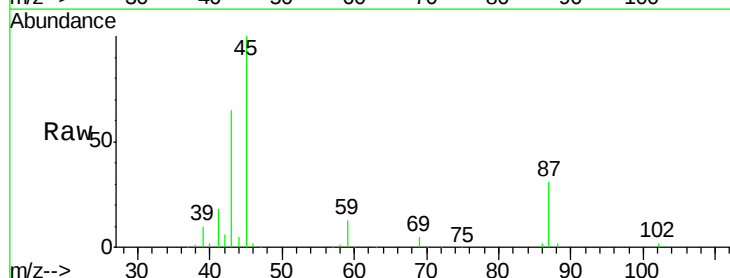
Ion Ratio Lower Upper

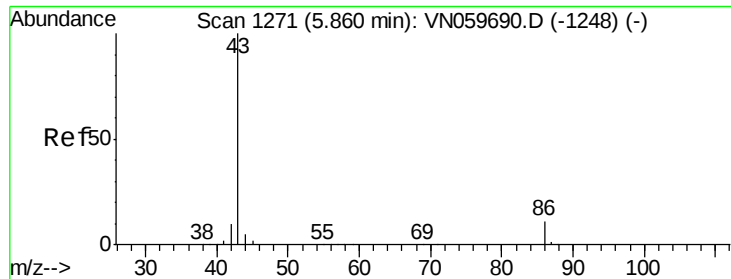
45 100

43 64.0 50.8 76.2

87 31.5 21.0 31.6

59 12.9 9.1 13.7

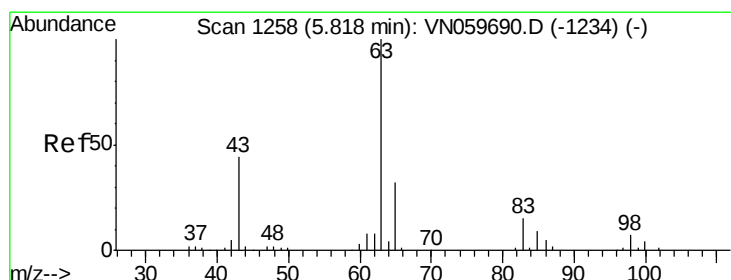
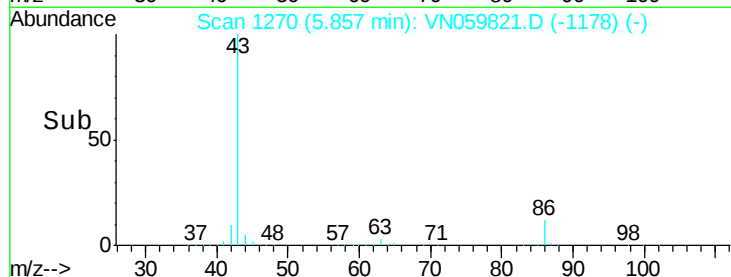
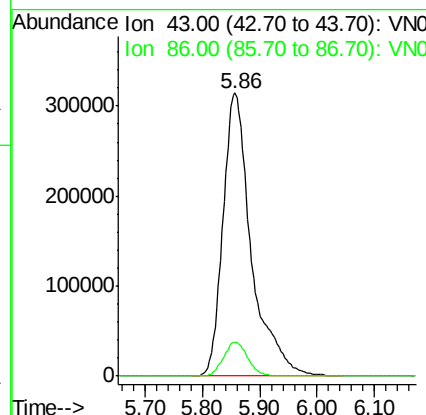
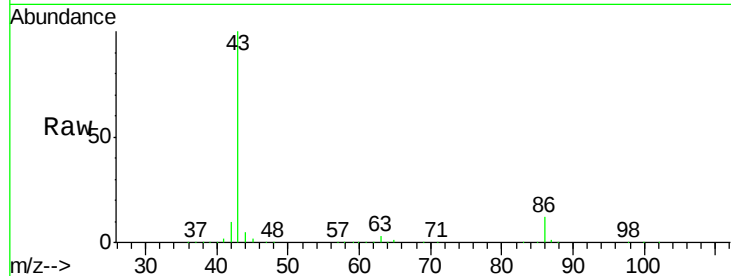




#23
 Vinyl Acetate
 Concen: 237.29 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

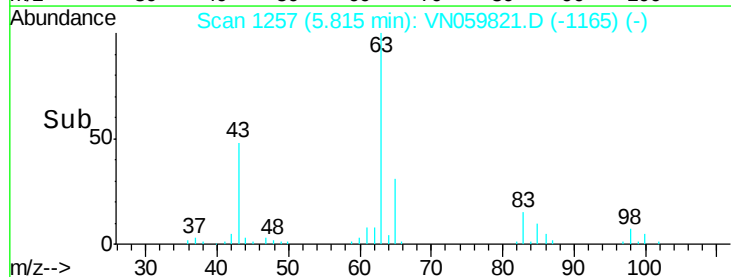
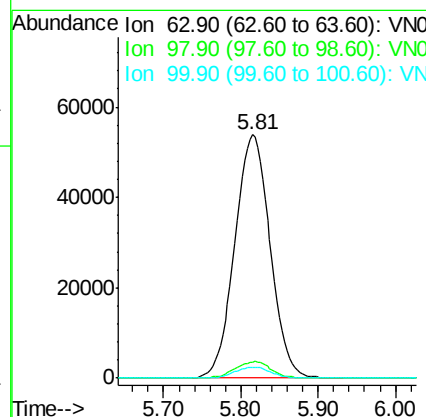
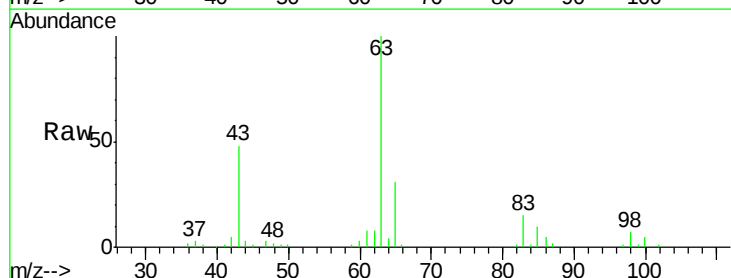
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

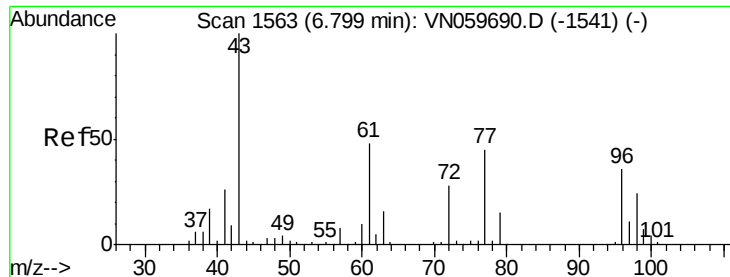
Tgt Ion: 43 Resp: 108511
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 47.32 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

Tgt Ion: 63 Resp: 170828
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.7
 100 4.5 2.0 6.0





#25

2-Butanone

Concen: 250.35 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

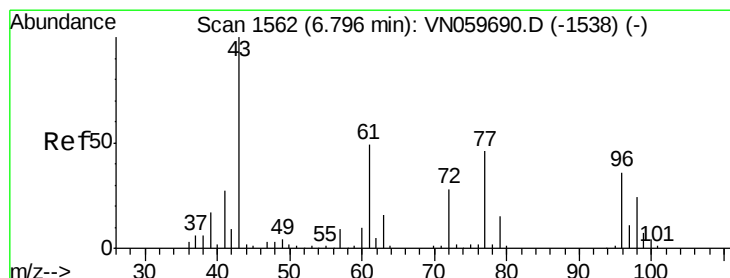
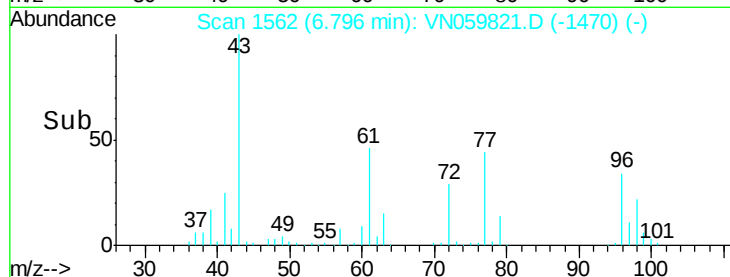
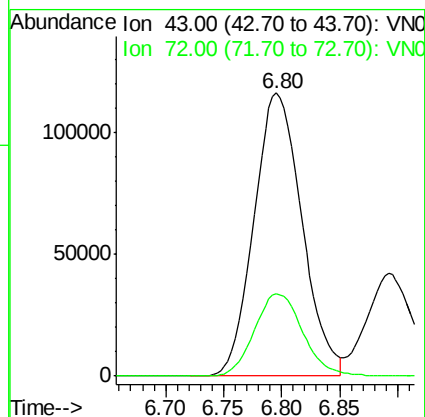
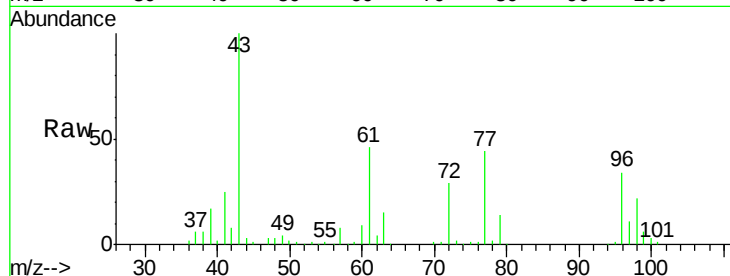
VSTDCCC050

Tgt Ion: 43 Resp: 332863

Ion Ratio Lower Upper

43 100

72 29.0 19.9 29.9



#26

2,2-Dichloropropane

Concen: 47.69 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059821.D

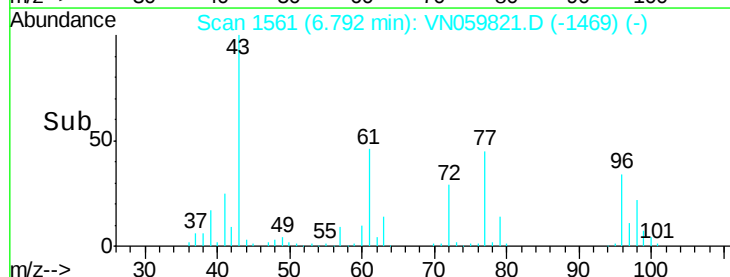
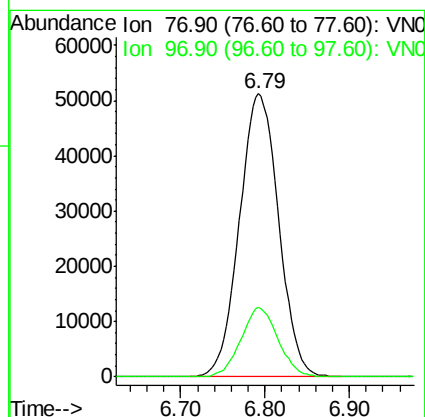
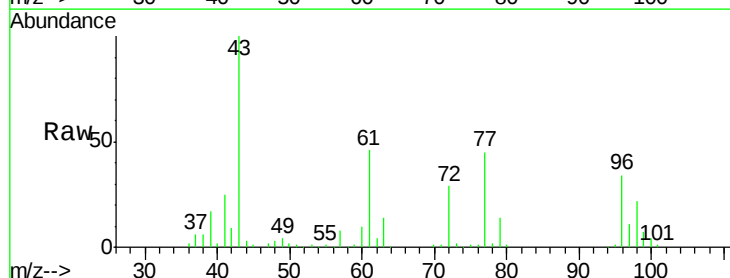
Acq: 22 Jan 2020 9:46

Tgt Ion: 77 Resp: 165512

Ion Ratio Lower Upper

77 100

97 23.1 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 48.33 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

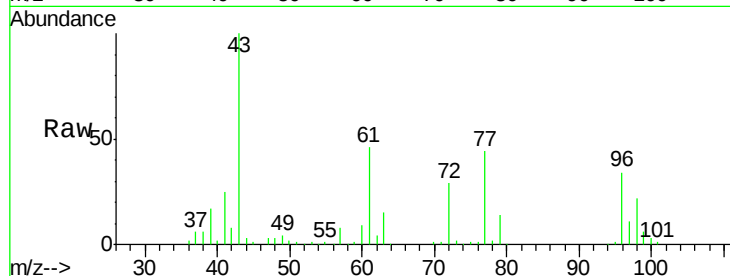
Tgt Ion: 96 Resp: 114292

Ion Ratio Lower Upper

96 100

61 137.4 0.0 317.6

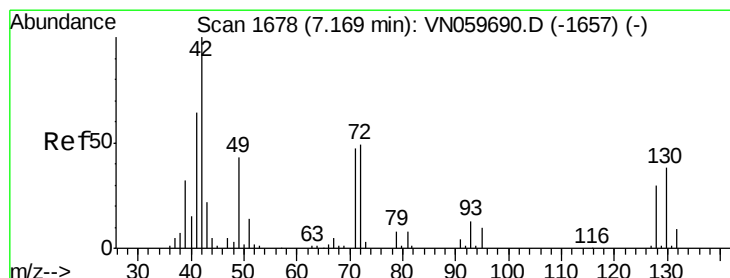
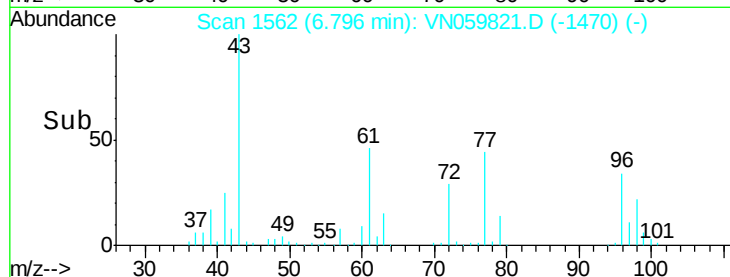
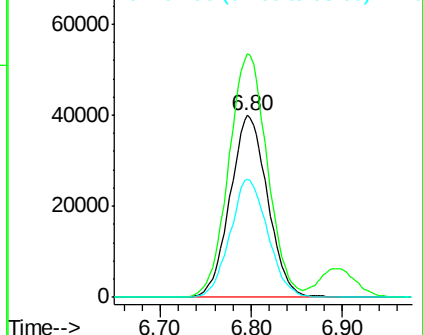
98 64.9 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN059821.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN059821.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN059821.D (-1470) (-)



#28

Bromochloromethane

Concen: 48.32 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

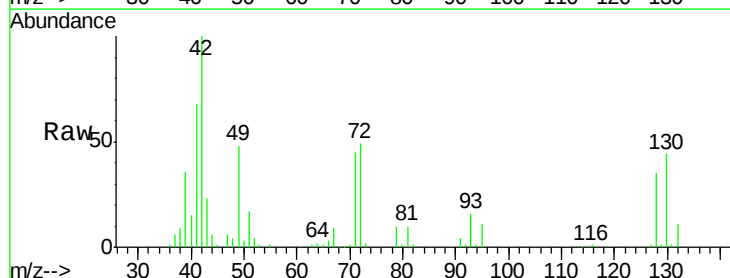
Tgt Ion: 49 Resp: 69723

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.4

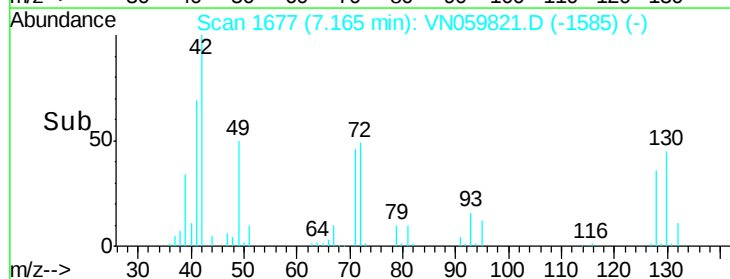
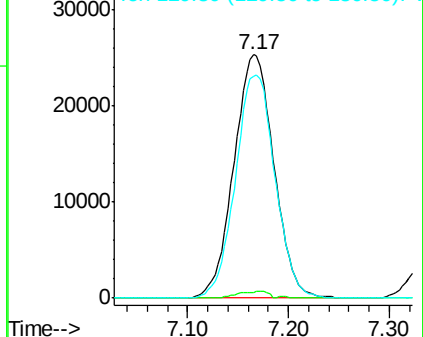
130 90.7 54.7 82.1#

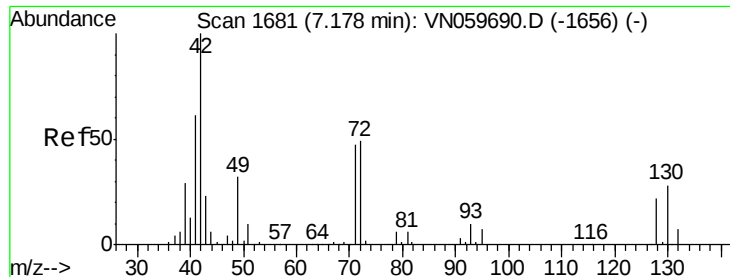


Abundance Ion 48.90 (48.60 to 49.60): VN059821.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN059821.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN059821.D (-1585) (-)





#29

Tetrahydrofuran

Concen: 221.20 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

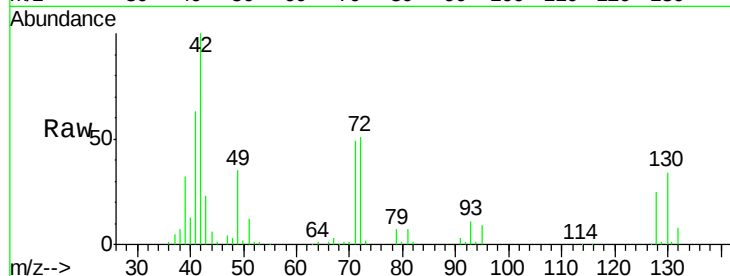
Tgt Ion: 42 Resp: 181975

Ion Ratio Lower Upper

42 100

72 49.8 33.1 49.7#

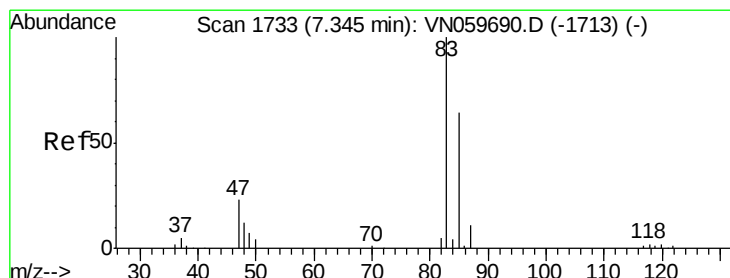
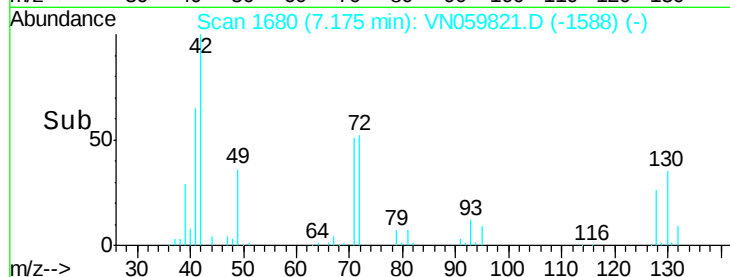
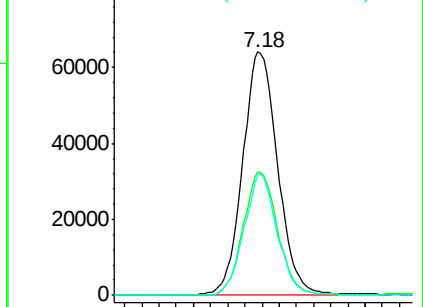
71 46.9 31.4 47.0



Abundance Ion 42.00 (41.70 to 42.70): VN059690.D (-1656) (-)

Ion 72.00 (71.70 to 72.70): VN059690.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN059690.D (-1656) (-)



#30

Chloroform

Concen: 48.69 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN059821.D

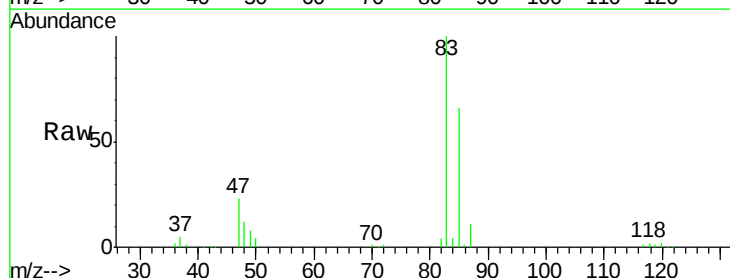
Acq: 22 Jan 2020 9:46

Tgt Ion: 83 Resp: 182147

Ion Ratio Lower Upper

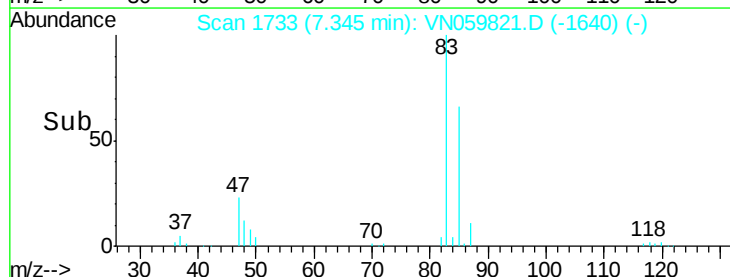
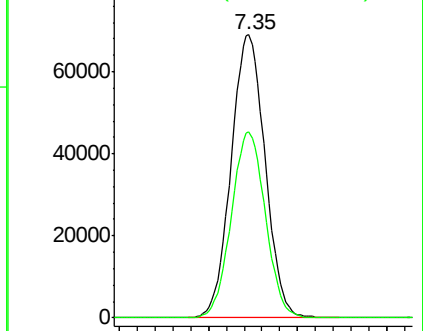
83 100

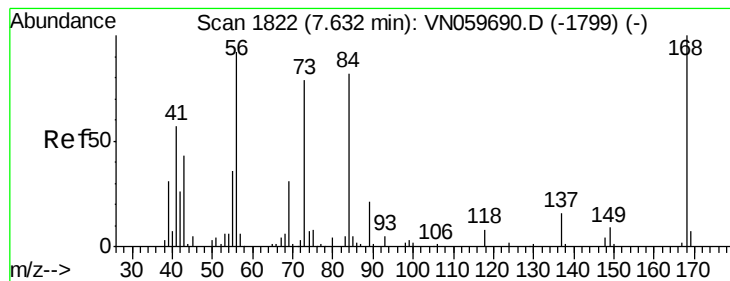
85 65.5 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VN059690.D (-1713) (-)

Ion 84.90 (84.60 to 85.60): VN059690.D (-1713) (-)





#31

Cyclohexane

Concen: 42.47 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

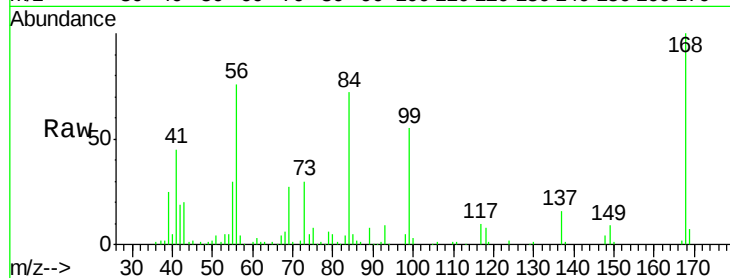
Tgt Ion: 56 Resp: 147547

Ion Ratio Lower Upper

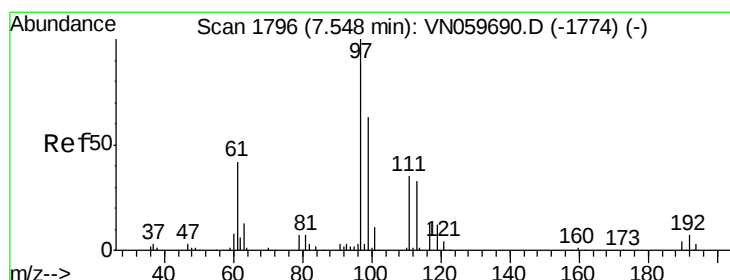
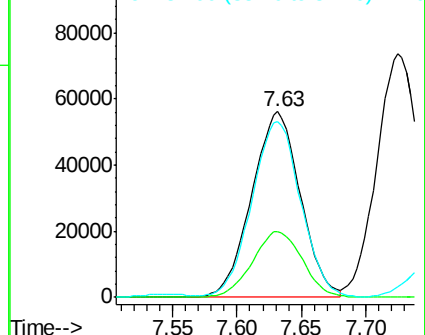
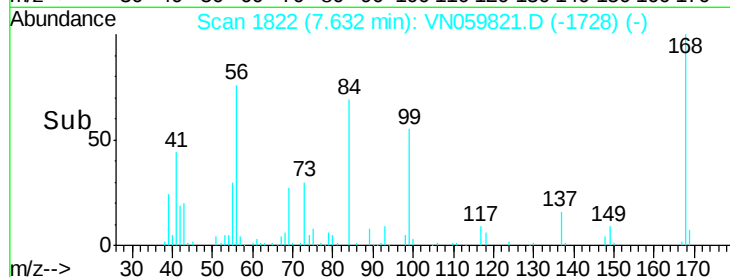
56 100

69 35.2 26.5 39.7

84 93.3 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN059821.D (-1728) (-)



#32

1,1,1-Trichloroethane

Concen: 48.42 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

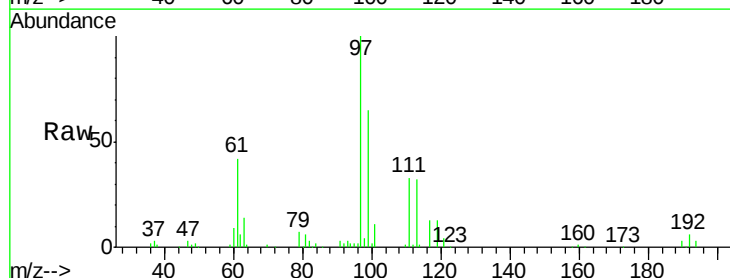
Tgt Ion: 97 Resp: 167474

Ion Ratio Lower Upper

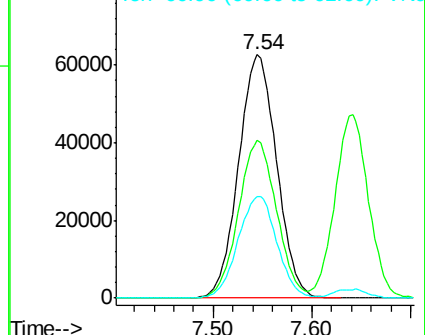
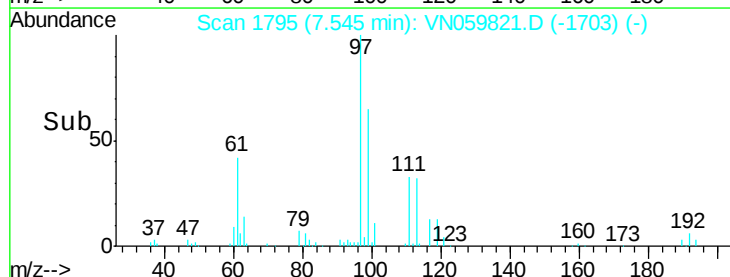
97 100

99 65.0 51.0 76.4

61 42.9 38.5 57.7



Abundance Ion 96.90 (96.60 to 97.60): VN059821.D (-1703) (-)

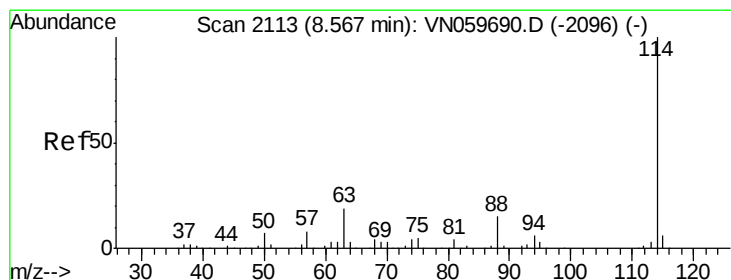
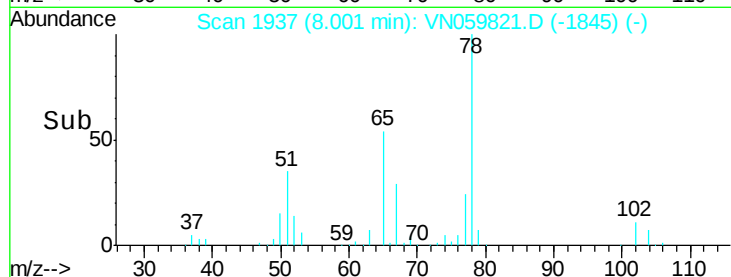
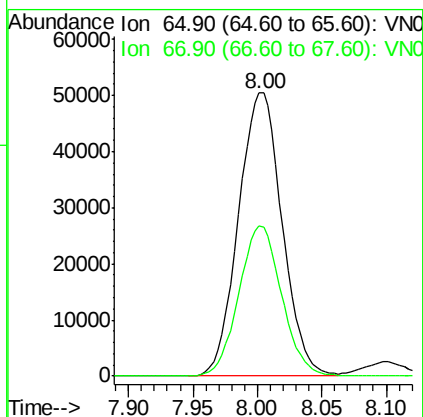
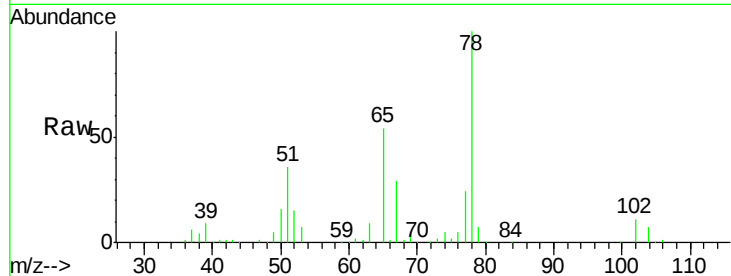




#33
 1,2-Dichloroethane-d4
 Concen: 50.65 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

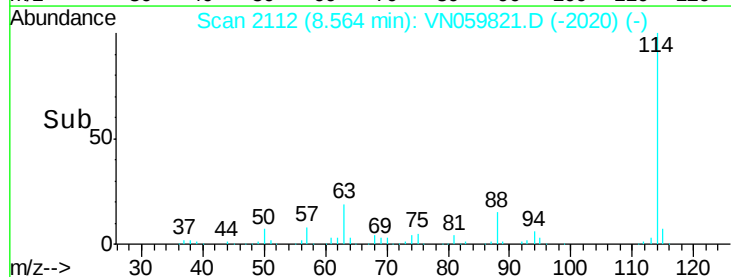
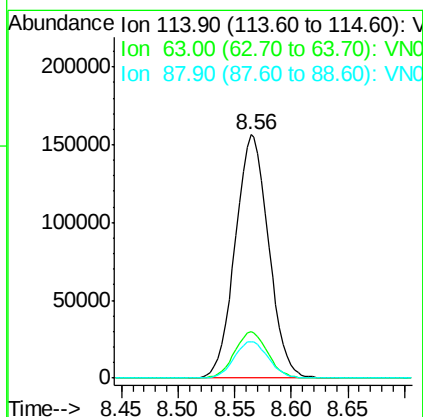
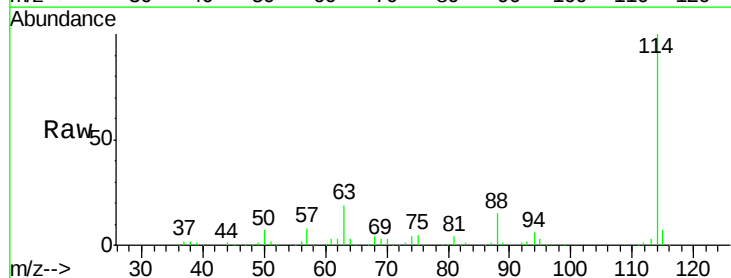
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

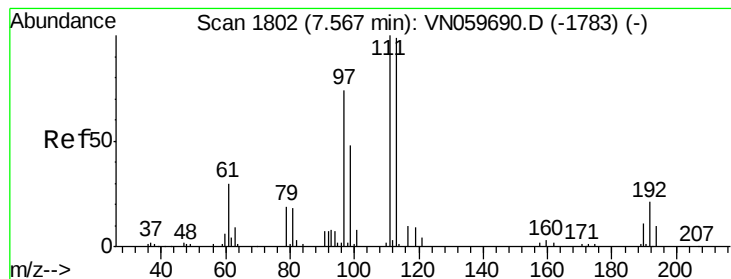
Tgt Ion: 65 Resp: 118915
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

Tgt Ion: 114 Resp: 321904
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 43.6
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.22 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

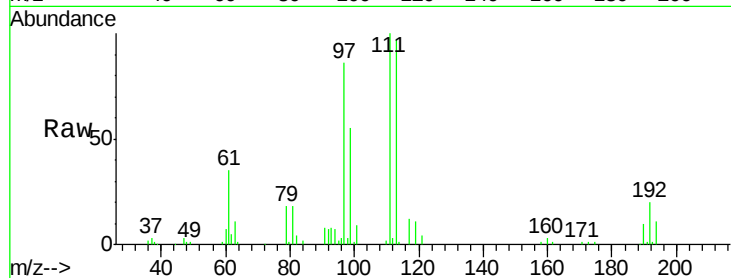
Tgt Ion:113 Resp: 100235

Ion Ratio Lower Upper

113 100

111 102.9 83.5 125.3

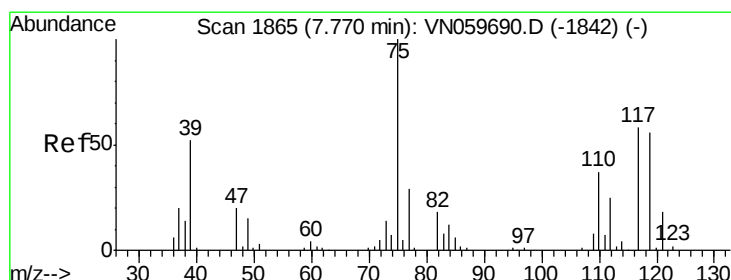
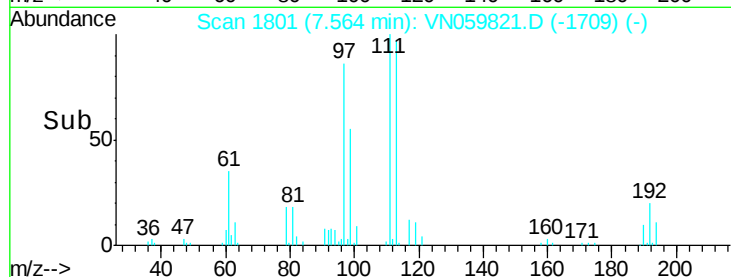
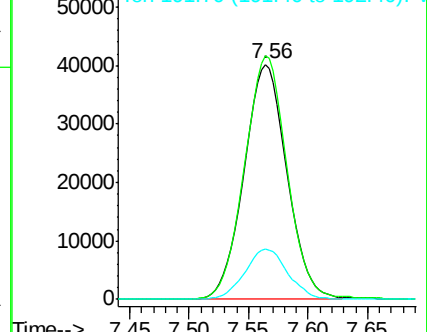
192 21.3 15.4 23.2



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: 48.02 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

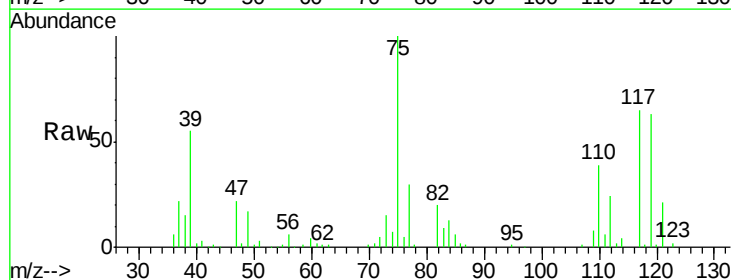
Tgt Ion: 75 Resp: 134600

Ion Ratio Lower Upper

75 100

110 37.9 16.6 49.7

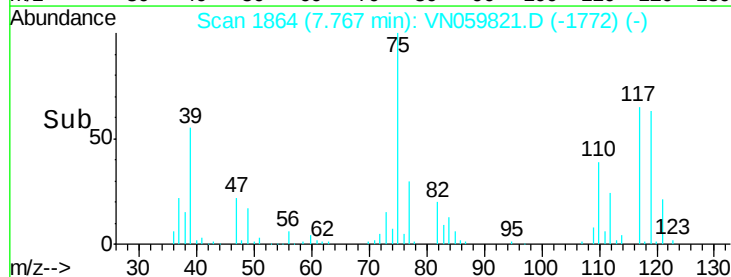
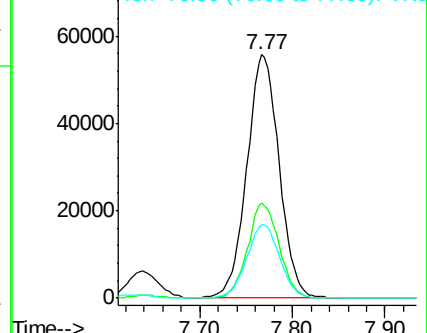
77 30.9 25.1 37.7



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

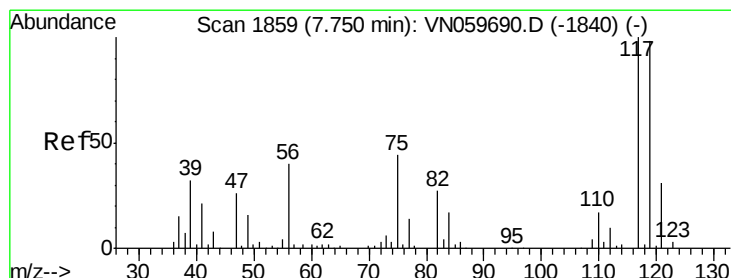
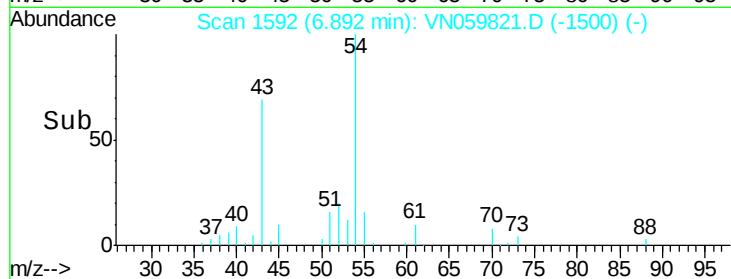
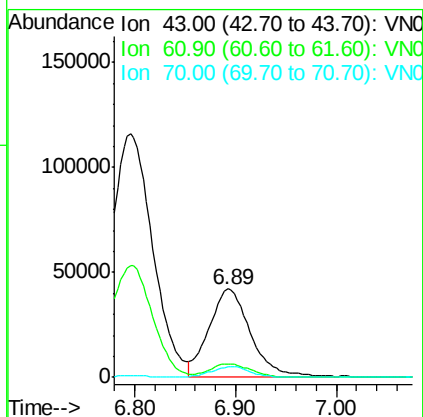
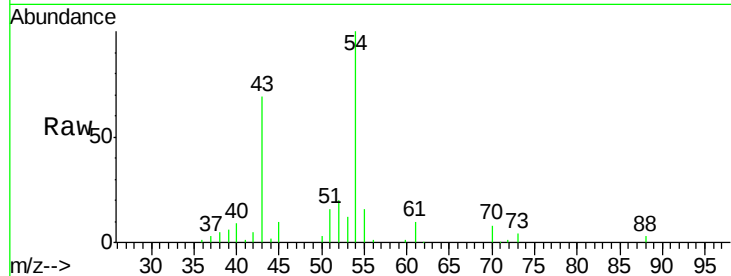




#37
 Ethyl Acetate
 Concen: 44.90 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

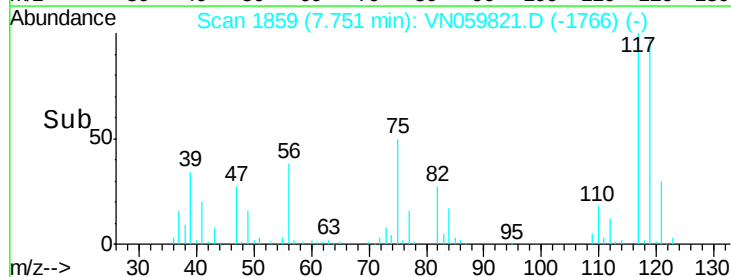
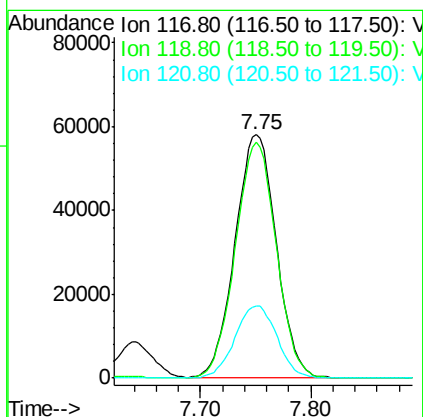
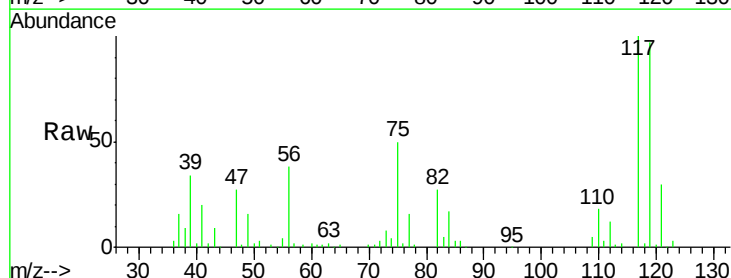
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

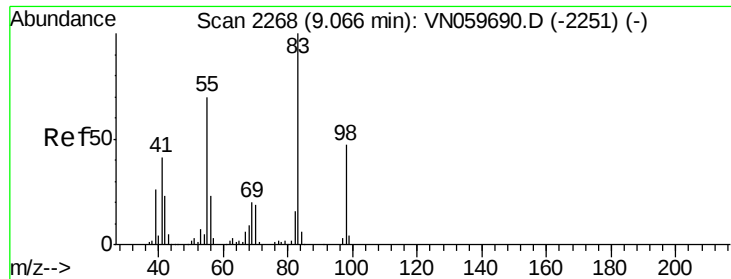
Tgt Ion: 43 Resp: 118044
 Ion Ratio Lower Upper
 43 100
 61 15.5 10.9 16.3
 70 11.6 7.7 11.5#



#38
 Carbon Tetrachloride
 Concen: 49.44 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

Tgt Ion: 117 Resp: 150765
 Ion Ratio Lower Upper
 117 100
 119 96.9 76.5 114.7
 121 29.9 25.1 37.7

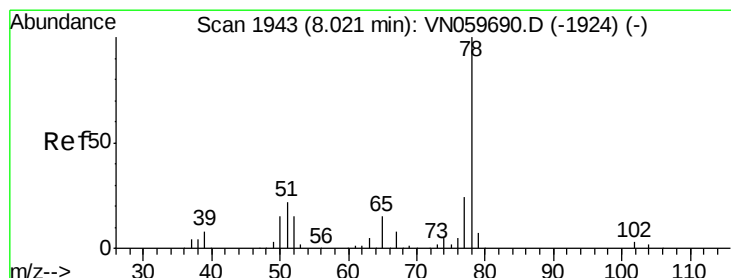
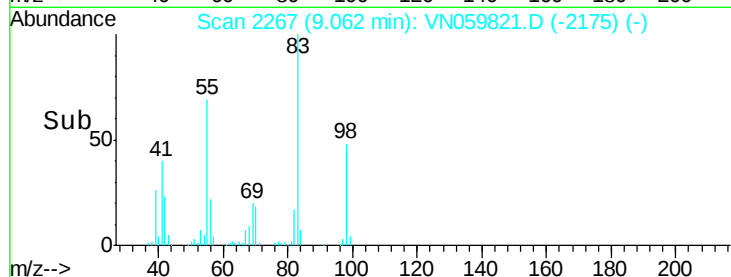
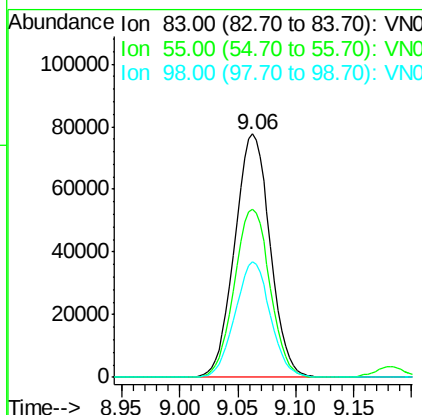
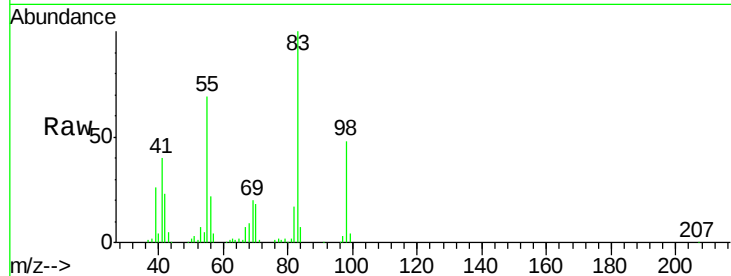




#39
Methylcyclohexane
Concen: 47.68 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

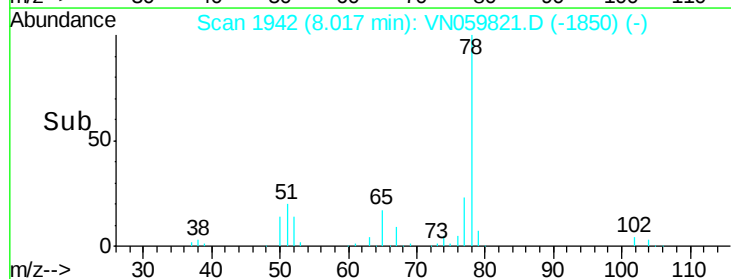
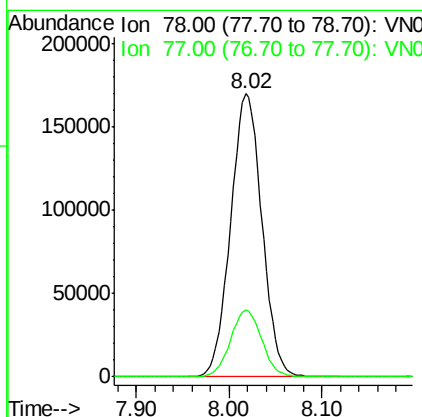
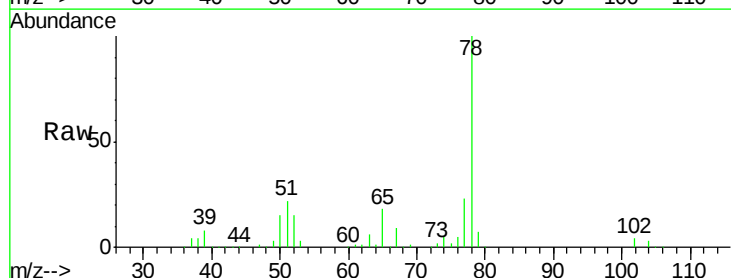
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

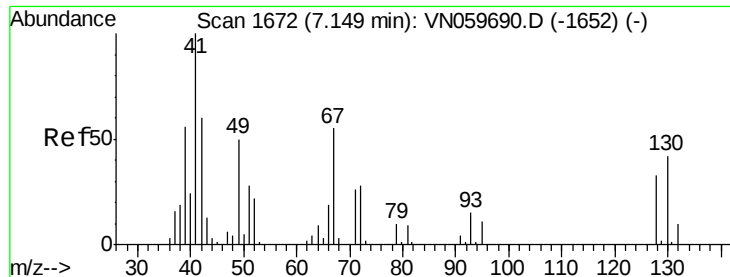
Tgt Ion: 83 Resp: 164797
Ion Ratio Lower Upper
83 100
55 69.1 64.2 96.2
98 47.7 35.9 53.9



#40
Benzene
Concen: 47.55 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

Tgt Ion: 78 Resp: 397537
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

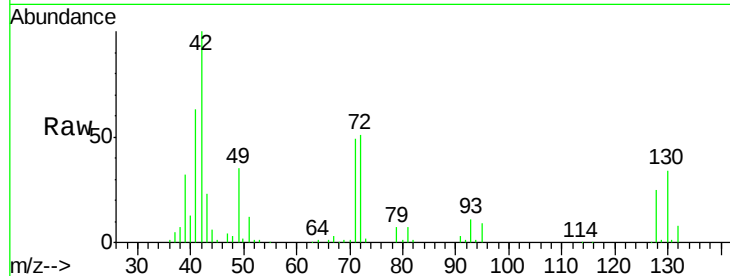




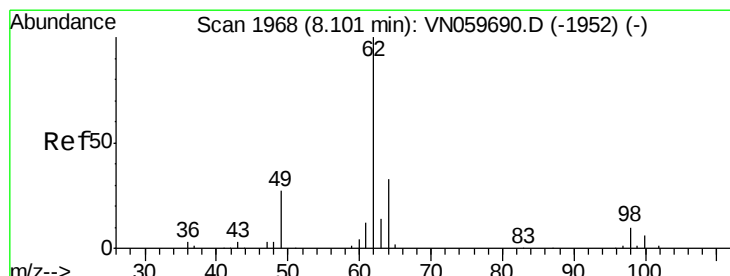
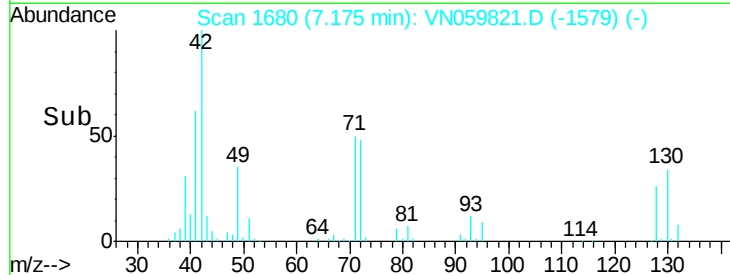
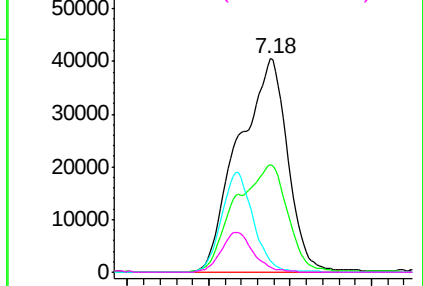
#41
Methacrylonitrile
Concen: 130.98 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	169630
Ion	Ratio	Lower	Upper
41	100		
39	53.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

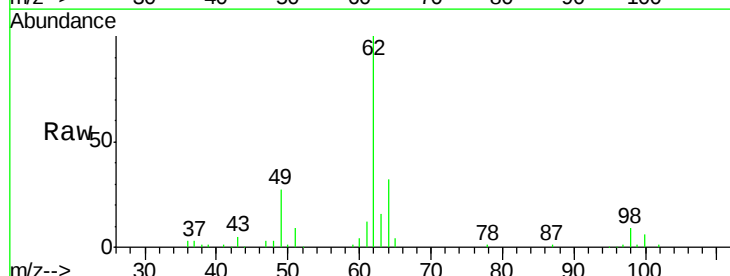


Abundance Ion 41.00 (40.70 to 41.70): VN059821.D (-1680) (-)

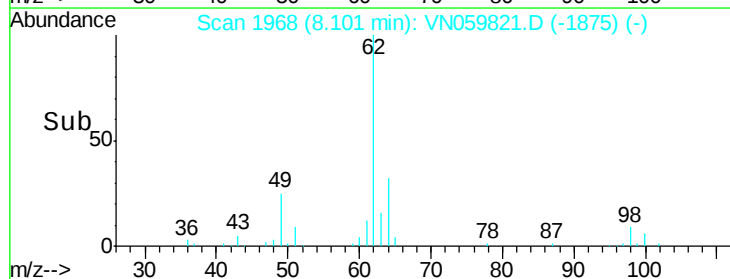
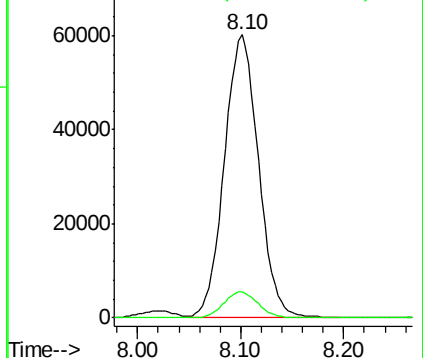


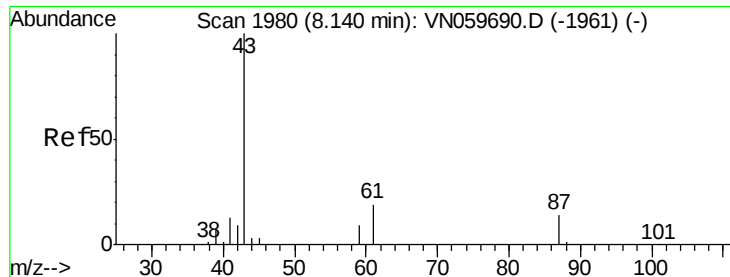
#42
1,2-Dichloroethane
Concen: 49.05 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

Tgt Ion:	62	Resp:	139046
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN059821.D (-1968) (-)





#43

Isopropyl Acetate

Concen: 45.87 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

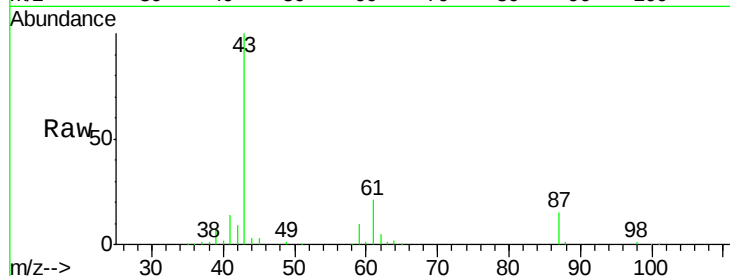
Tgt Ion: 43 Resp: 207447

Ion Ratio Lower Upper

43 100

61 27.7 20.2 30.2

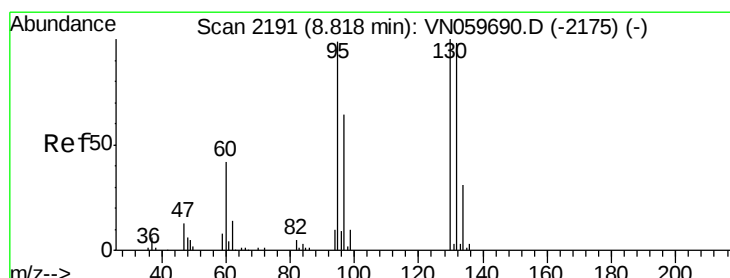
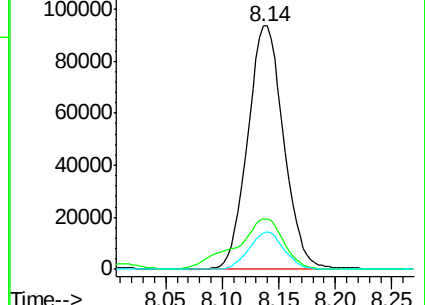
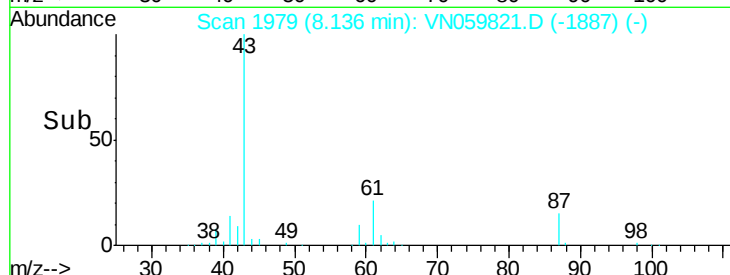
87 14.9 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059821.D (-1979) (-)

Ion 61.00 (60.70 to 61.70): VN059821.D (-1979) (-)

Ion 87.00 (86.70 to 87.70): VN059821.D (-1979) (-)



#44

Trichloroethene

Concen: 50.97 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059821.D

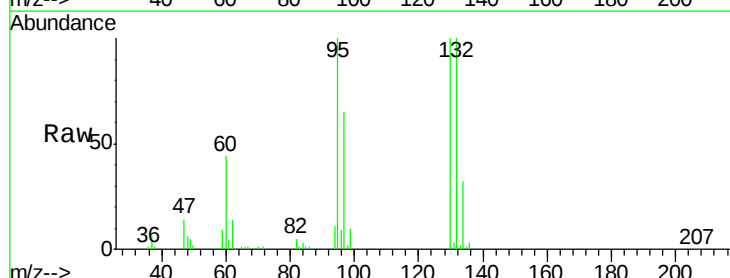
Acq: 22 Jan 2020 9:46

Tgt Ion: 130 Resp: 116330

Ion Ratio Lower Upper

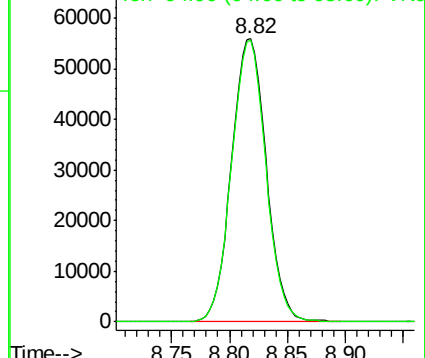
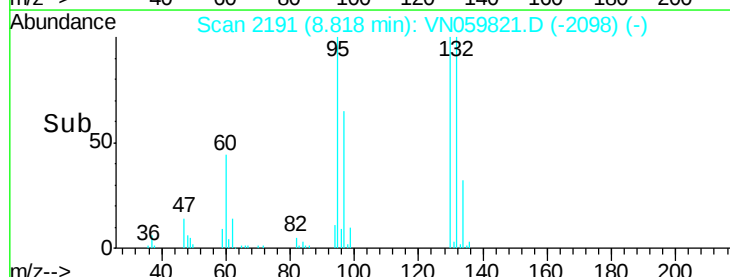
130 100

95 99.5 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059821.D (-2191) (-)

Ion 94.90 (94.60 to 95.60): VN059821.D (-2191) (-)





#45

1,2-Dichloropropane

Concen: 48.45 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampled :

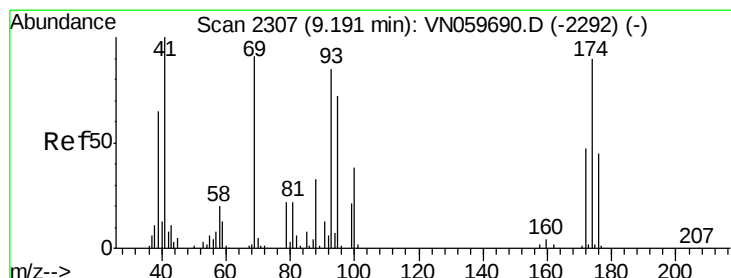
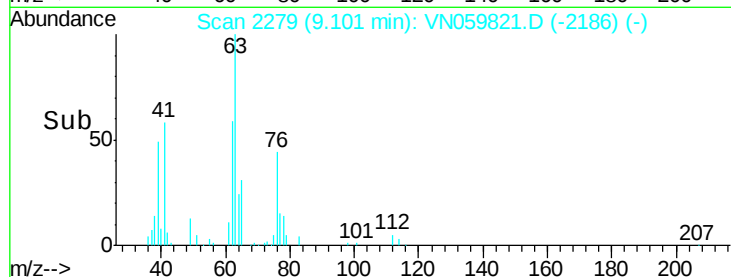
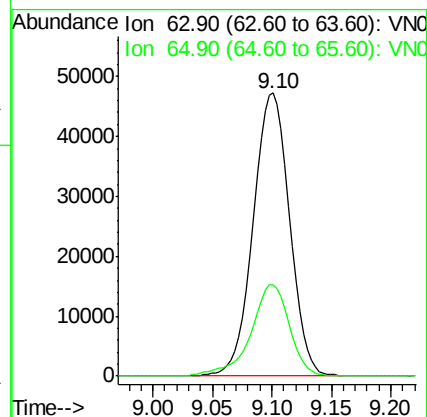
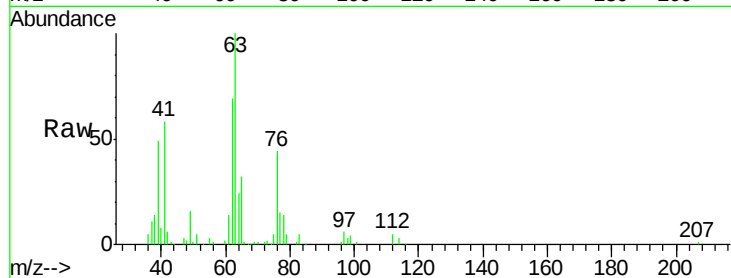
VSTDCCC050

Tgt Ion: 63 Resp: 100226

Ion Ratio Lower Upper

63 100

65 32.1 24.9 37.3



#46

Dibromomethane

Concen: 49.56 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

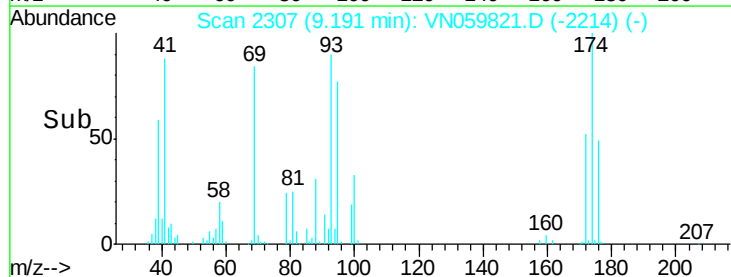
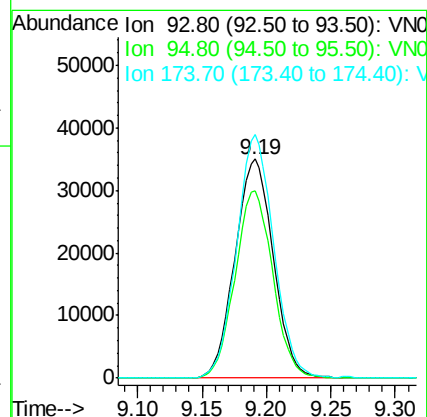
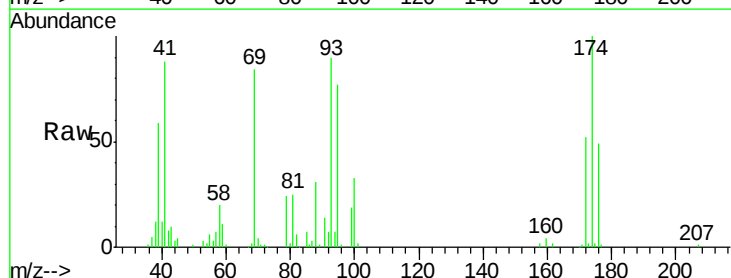
Tgt Ion: 93 Resp: 72330

Ion Ratio Lower Upper

93 100

95 83.9 67.0 100.6

174 107.8 73.4 110.2





#47

Bromodichloromethane

Concen: 50.25 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

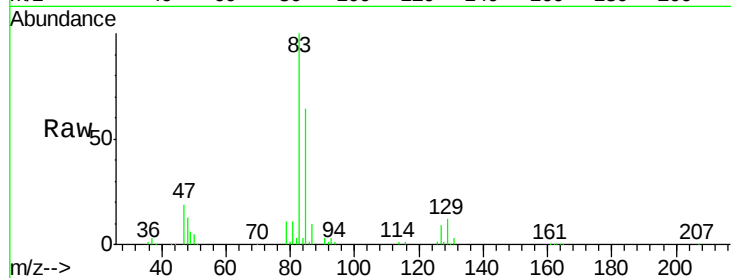
Tgt Ion: 83 Resp: 147767

Ion Ratio Lower Upper

83 100

85 64.1 51.1 76.7

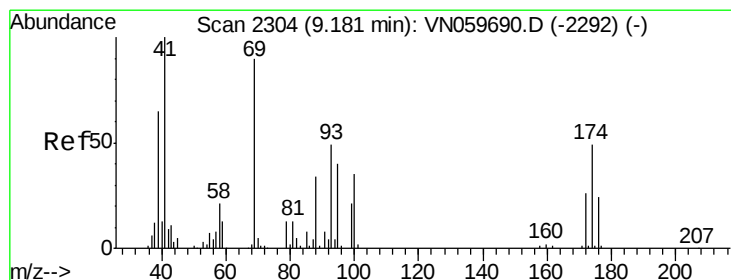
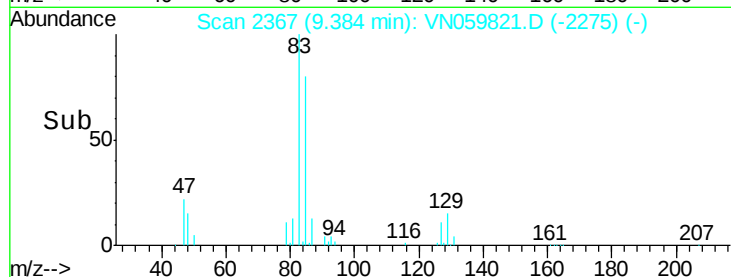
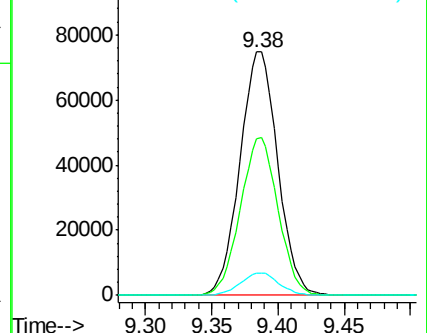
127 9.2 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN059821.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059821.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059821.D (-2275) (-)



#48

Methyl methacrylate

Concen: 44.91 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

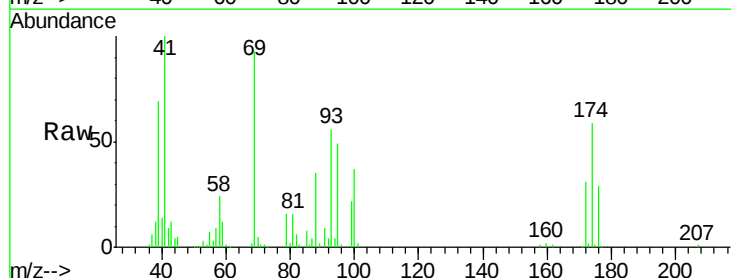
Tgt Ion: 41 Resp: 90848

Ion Ratio Lower Upper

41 100

69 95.6 64.4 96.6

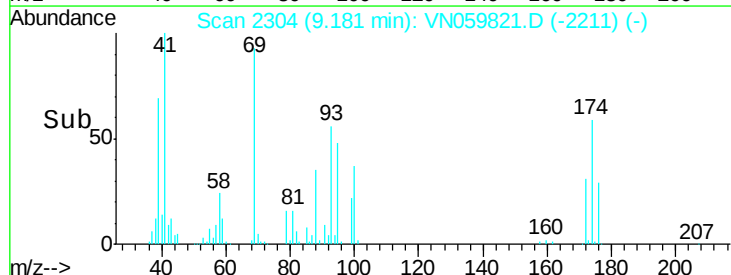
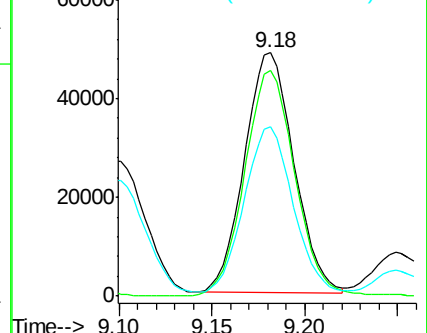
39 70.7 51.3 76.9



Abundance Ion 41.00 (40.70 to 41.70): VN059821.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN059821.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN059821.D (-2211) (-)

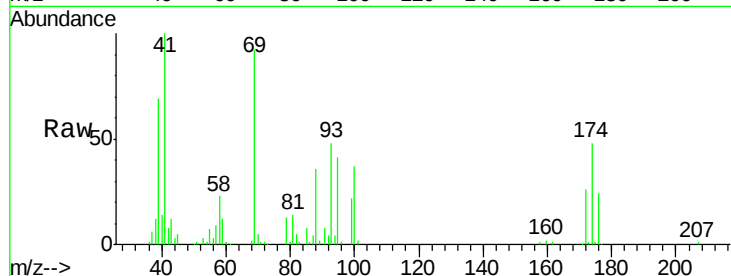




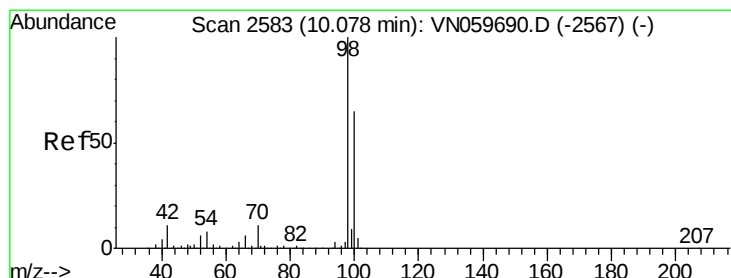
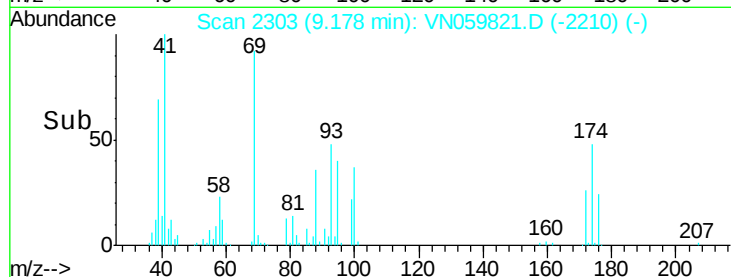
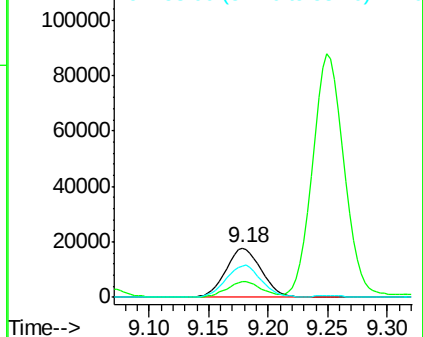
#49
 1,4-Dioxane
 Concen: 1001.54 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 37088
 Ion Ratio Lower Upper
 88 100
 43 31.6 29.7 44.5
 58 64.1 56.6 85.0

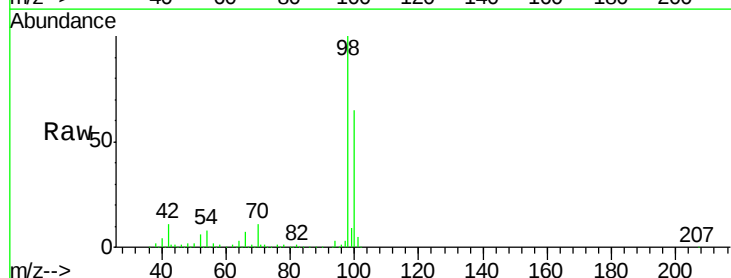


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

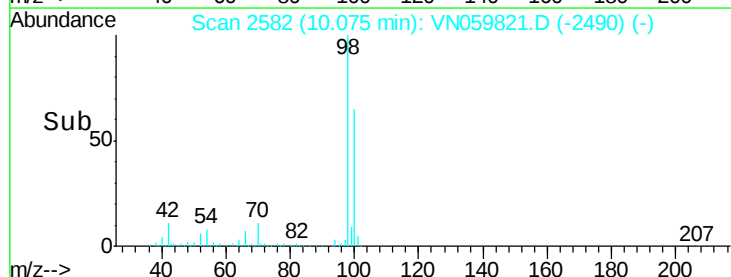
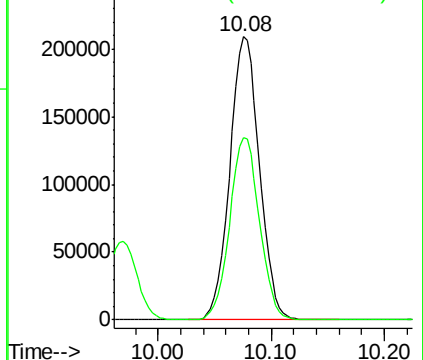


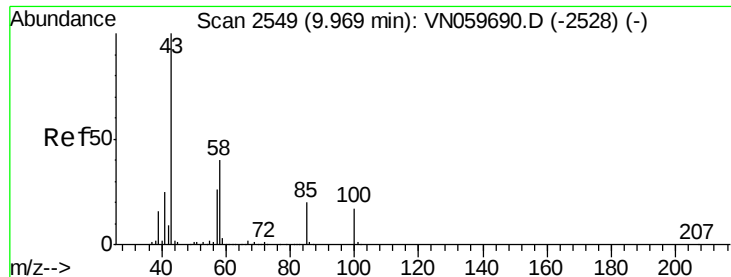
#50
 Toluene-d8
 Concen: 51.11 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

Tgt Ion: 98 Resp: 380153
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.2 76.8



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

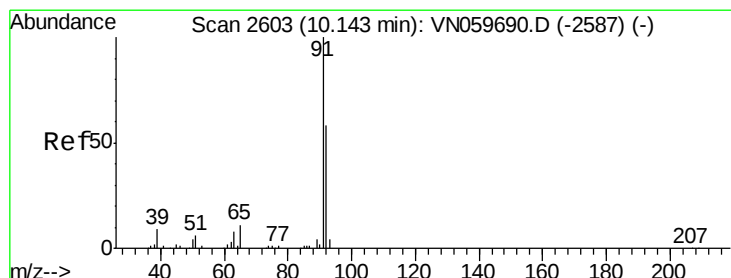
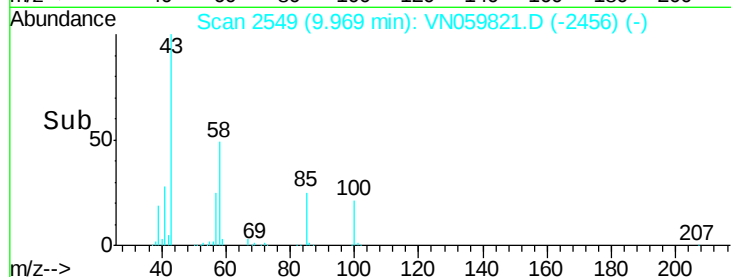
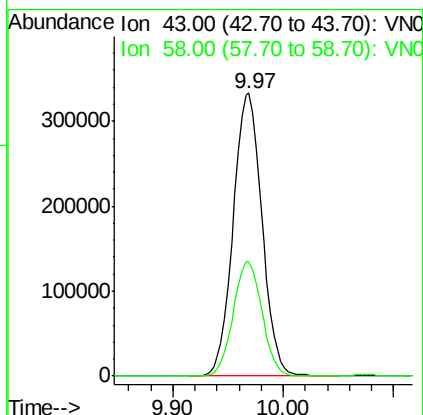
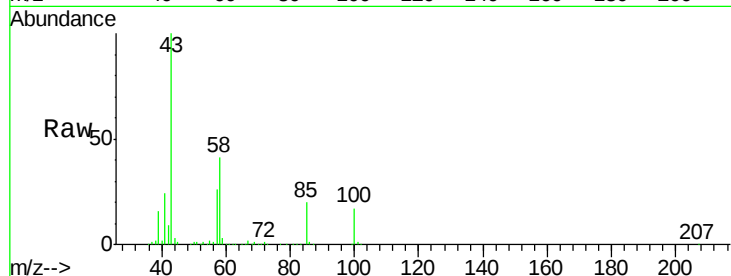




#51
 4-Methyl-2-Pentanone
 Concen: 230.37 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

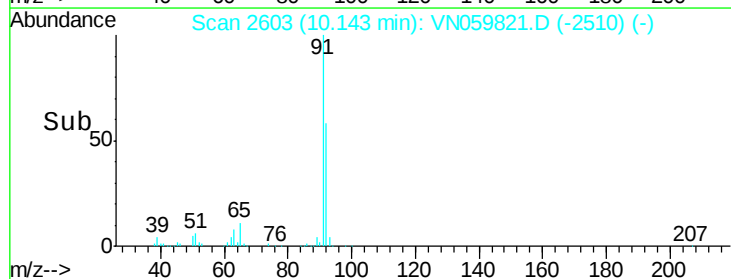
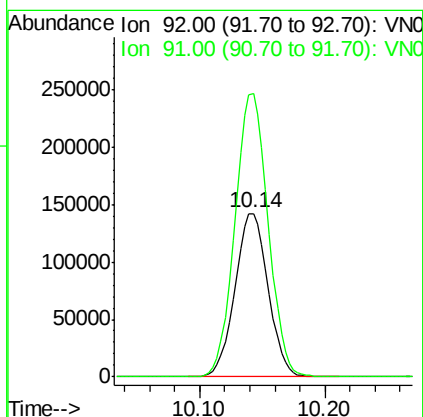
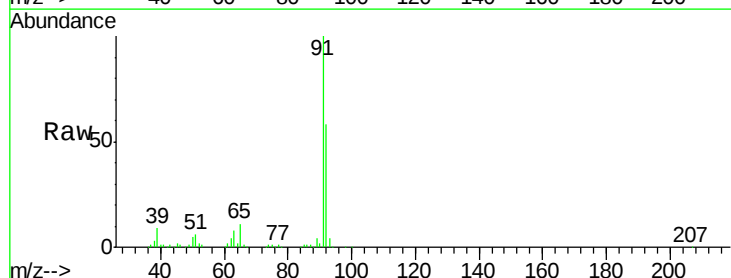
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

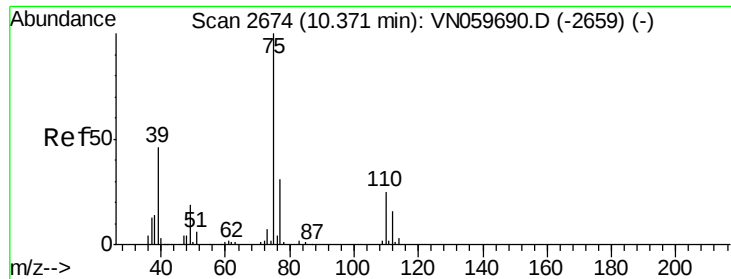
Tgt Ion: 43 Resp: 602251
 Ion Ratio Lower Upper
 43 100
 58 40.6 29.8 44.8



#52
 Toluene
 Concen: 49.29 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

Tgt Ion: 92 Resp: 260263
 Ion Ratio Lower Upper
 92 100
 91 173.7 140.4 210.6

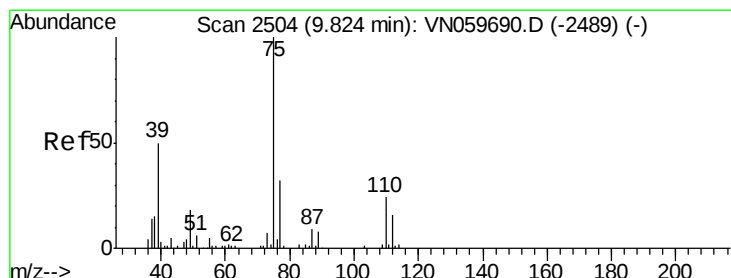
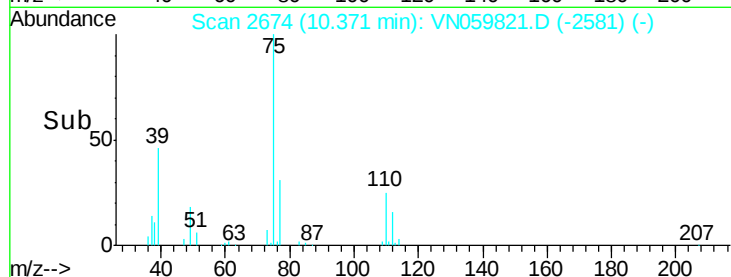
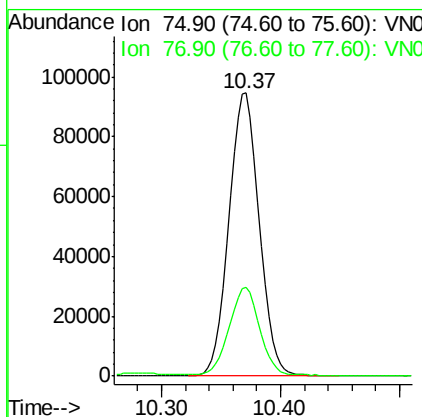
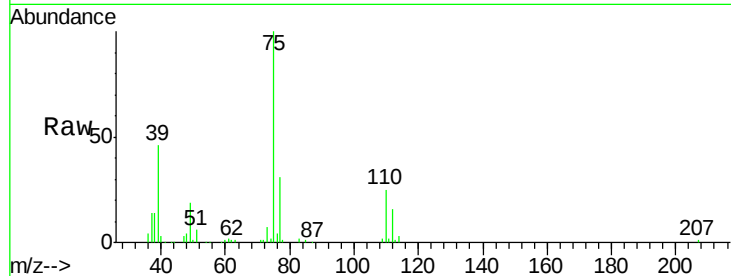




#53
t-1,3-Dichloropropene
Concen: 50.83 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

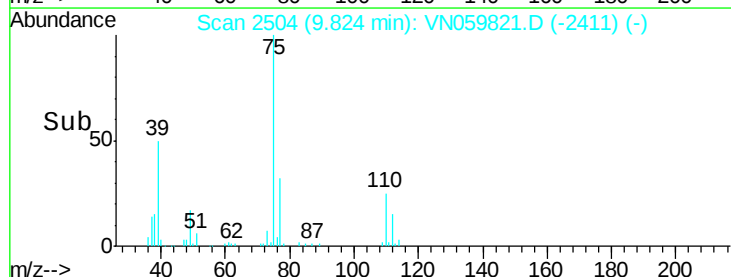
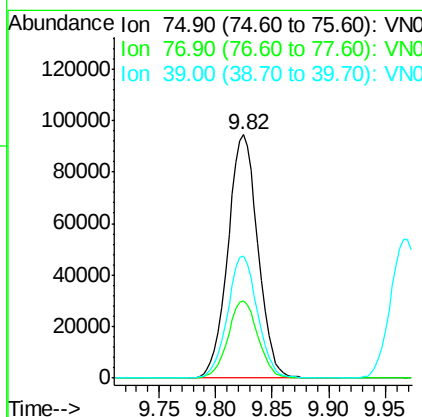
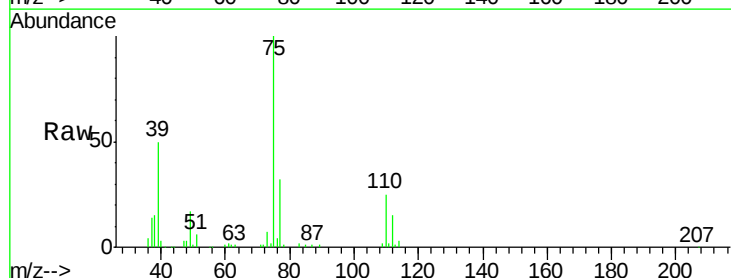
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

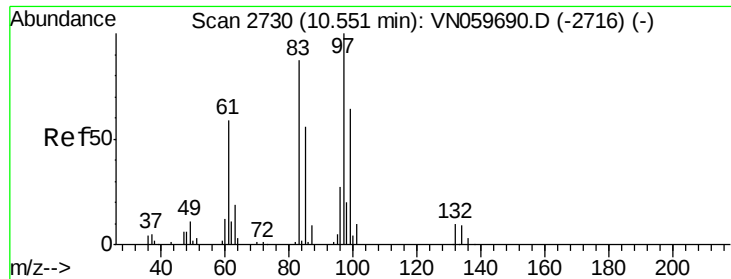
Tgt Ion: 75 Resp: 166917
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.37 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

Tgt Ion: 75 Resp: 174012
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7
39 50.3 46.1 69.1

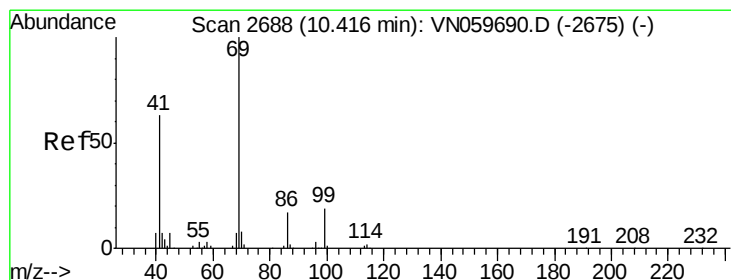
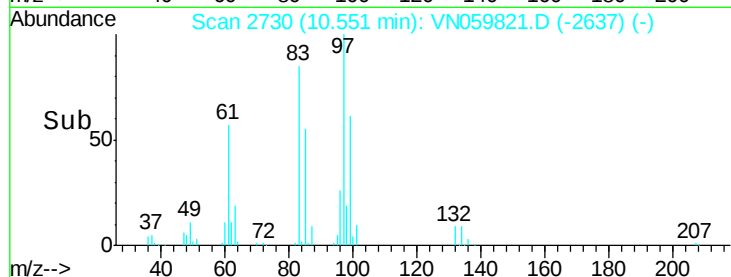
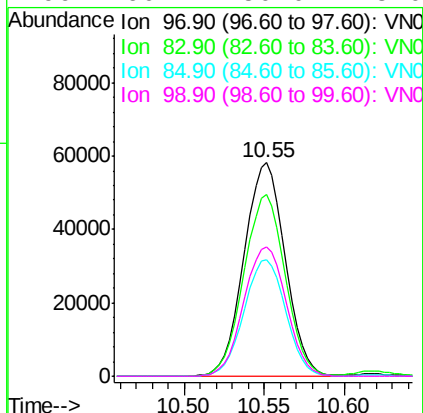
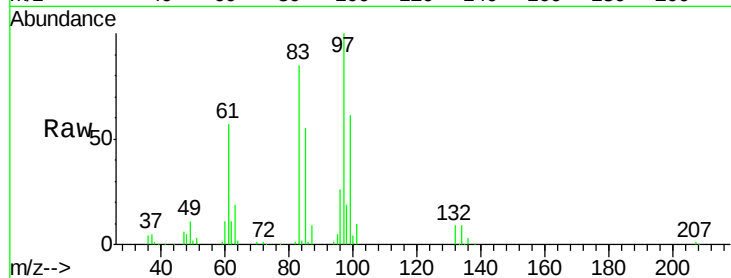




#55
 1,1,2-Trichloroethane
 Concen: 49.00 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

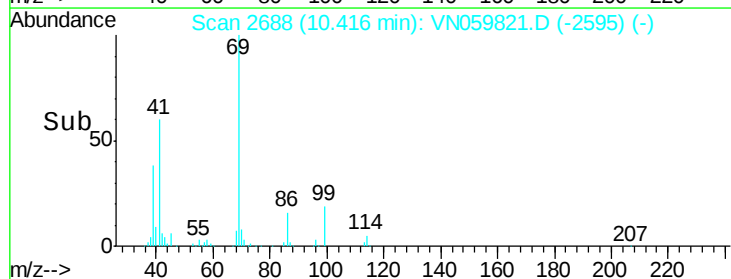
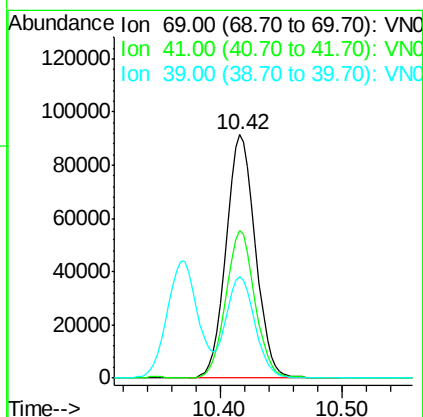
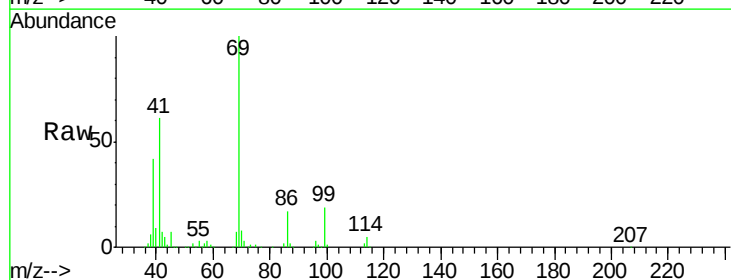
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 102483
 Ion Ratio Lower Upper
 97 100
 83 85.0 71.3 106.9
 85 54.5 45.8 68.8
 99 60.7 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 48.08 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

Tgt Ion: 69 Resp: 153649
 Ion Ratio Lower Upper
 69 100
 41 59.8 57.1 85.7
 39 41.5 34.7 52.1





#57

1,3-Dichloropropane

Concen: 50.47 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

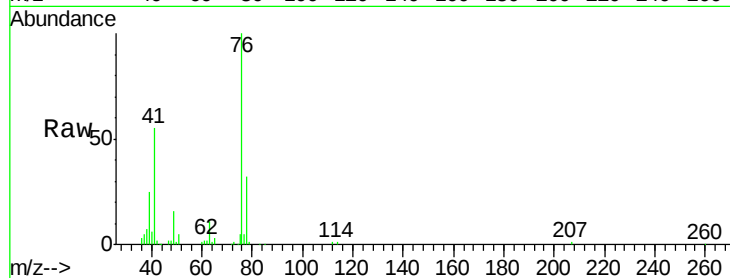
VSTDCCC050

Tgt Ion: 76 Resp: 167595

Ion Ratio Lower Upper

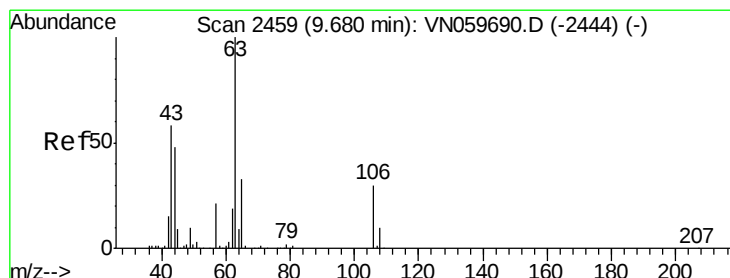
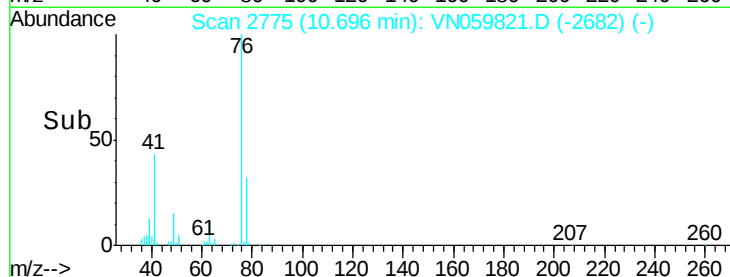
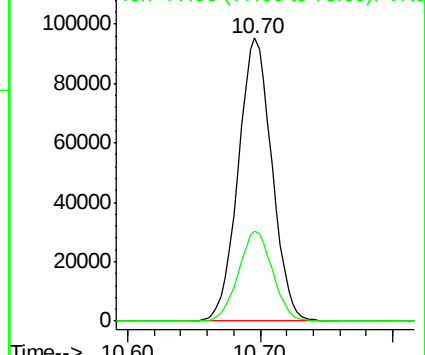
76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 252.25 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059821.D

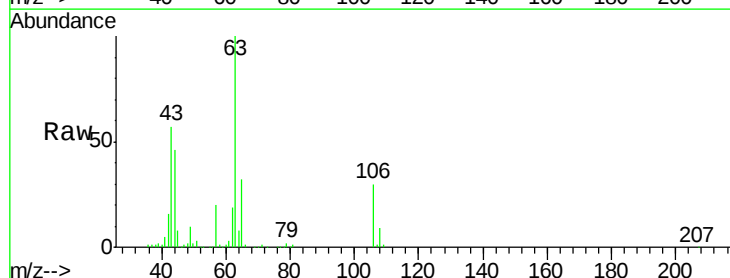
Acq: 22 Jan 2020 9:46

Tgt Ion: 63 Resp: 242811

Ion Ratio Lower Upper

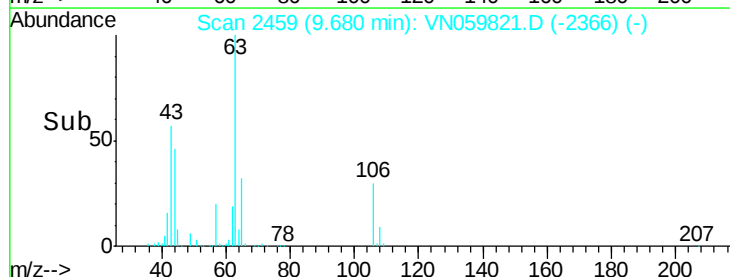
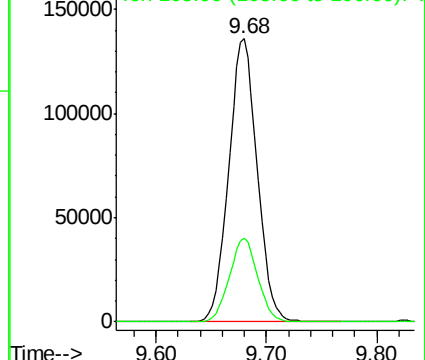
63 100

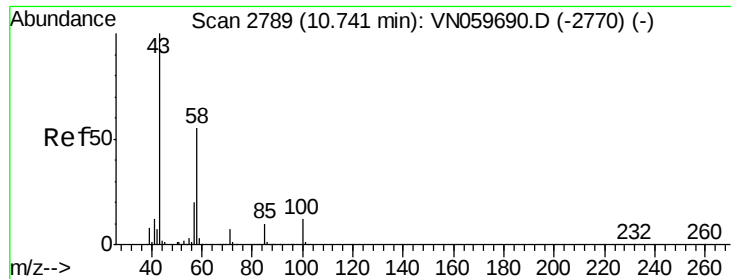
106 29.3 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 251.19 ug/l

RT: 10.74 min Scan# 2789

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

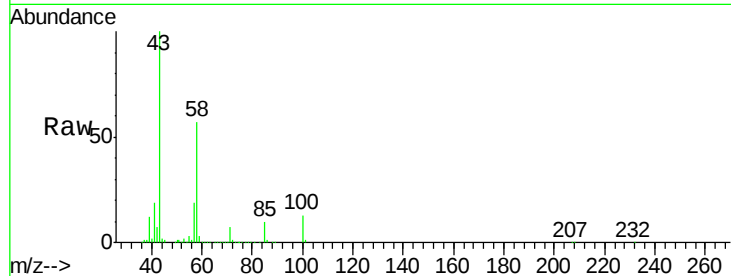
VSTDCCC050

Tgt Ion: 43 Resp: 483767

Ion Ratio Lower Upper

43 100

58 56.5 25.8 77.3

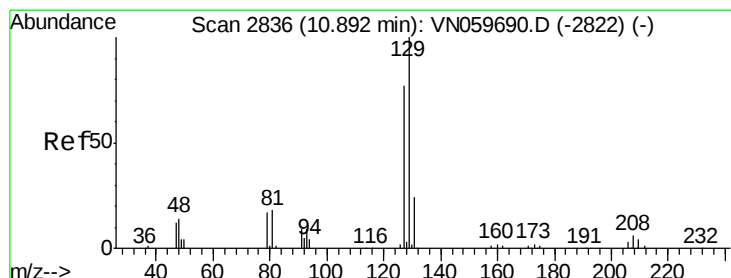
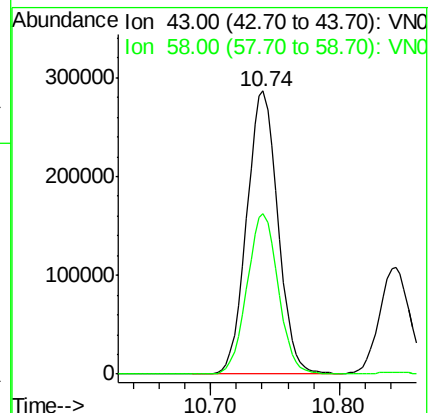
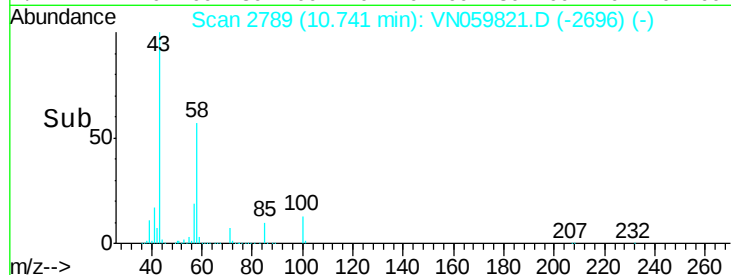


Abundance Ion 43.00 (42.70 to 43.70): VN059821.D (-2696) (-)

Ion 58.00 (57.70 to 58.70): VN059821.D (-2696) (-)

10.74

Time-->



#60

Dibromochloromethane

Concen: 51.57 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN059821.D

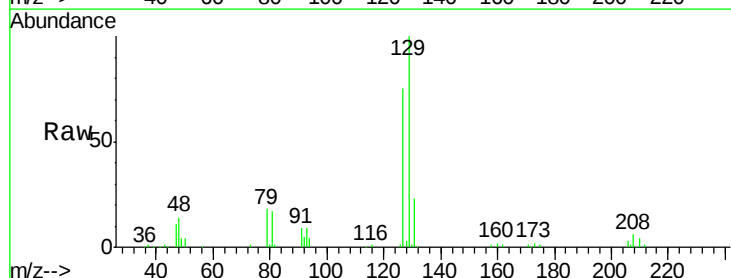
Acq: 22 Jan 2020 9:46

Tgt Ion: 129 Resp: 122833

Ion Ratio Lower Upper

129 100

127 76.1 38.5 115.5

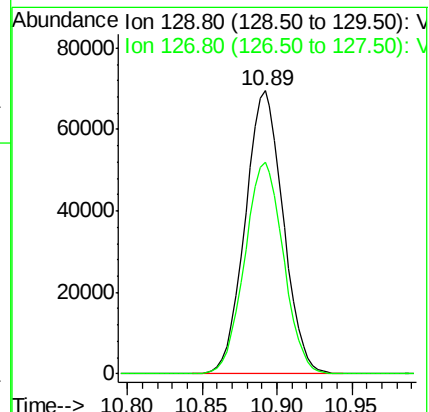
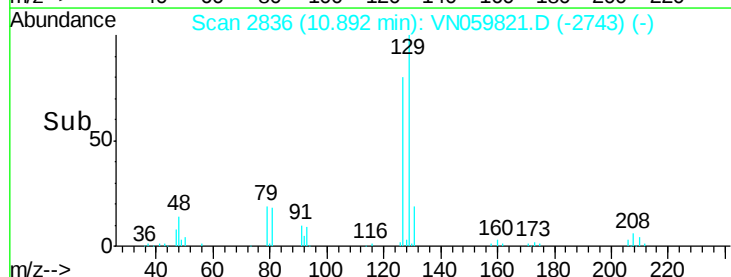


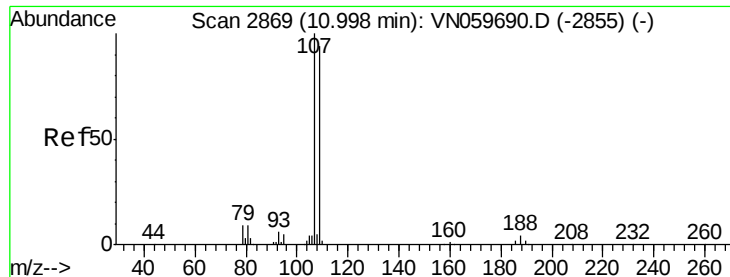
Abundance Ion 128.80 (128.50 to 129.50): VN059821.D (-2743) (-)

Ion 126.80 (126.50 to 127.50): VN059821.D (-2743) (-)

10.89

Time-->





#61

1,2-Dibromoethane

Concen: 49.89 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

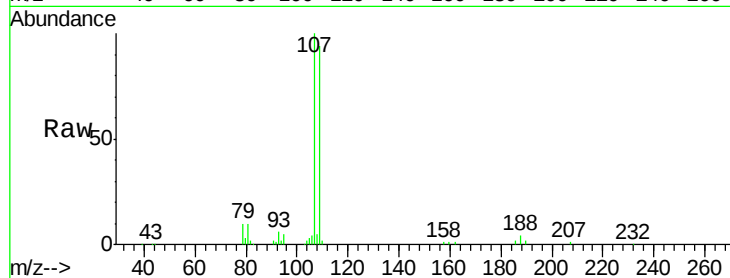
VSTDCCC050

Tgt Ion: 107 Resp: 109376

Ion Ratio Lower Upper

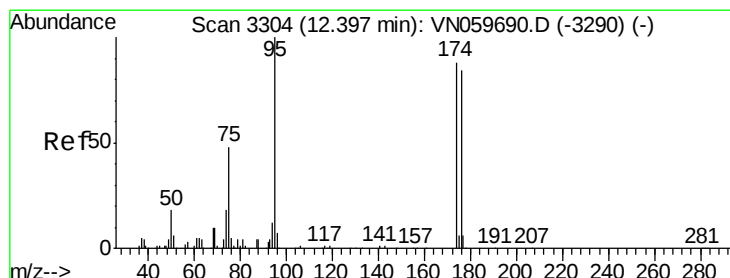
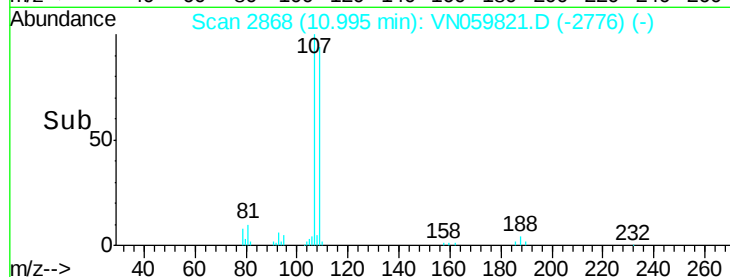
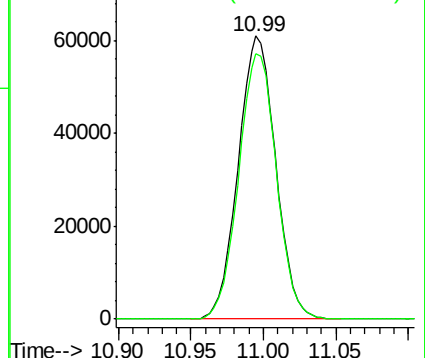
107 100

109 94.5 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.44 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

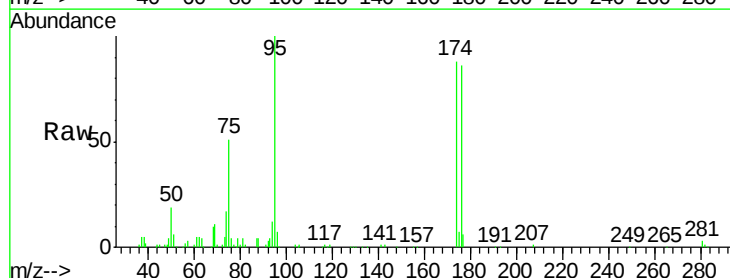
Tgt Ion: 95 Resp: 137932

Ion Ratio Lower Upper

95 100

174 87.7 0.0 151.4

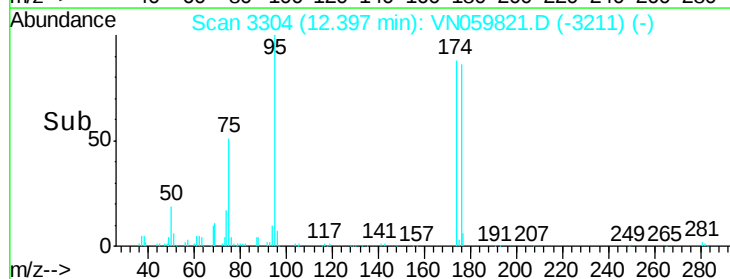
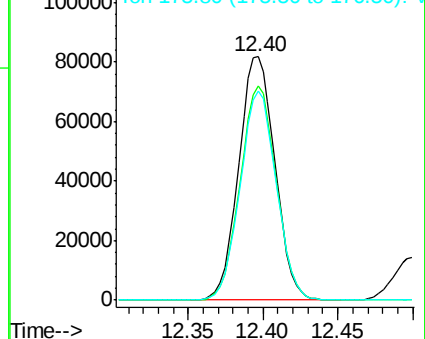
176 85.5 0.0 146.0

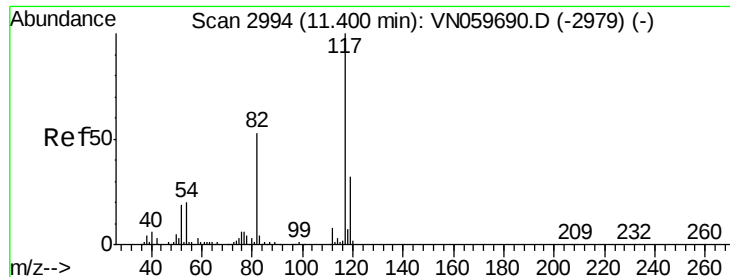


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

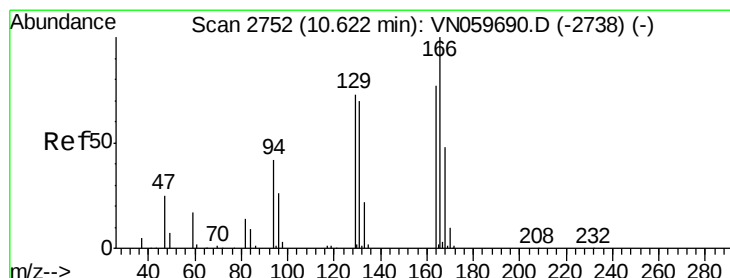
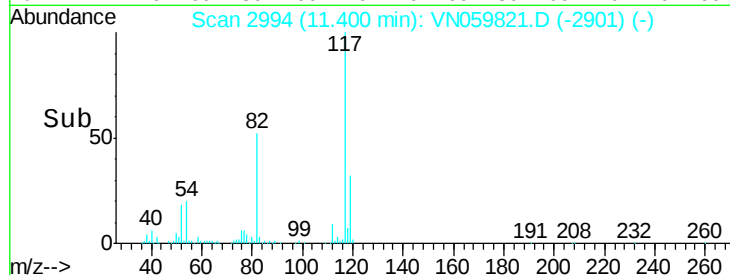
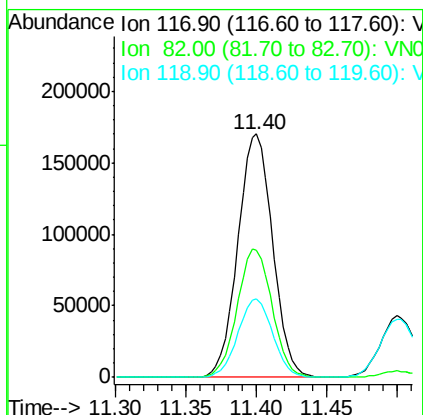
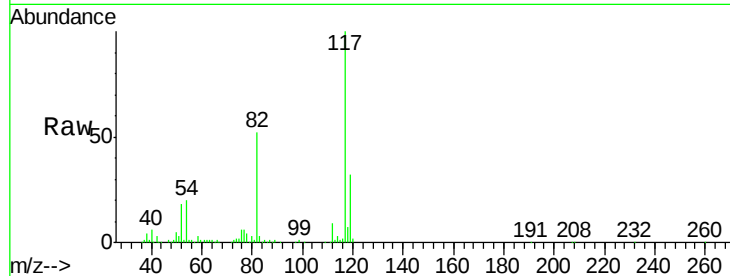




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

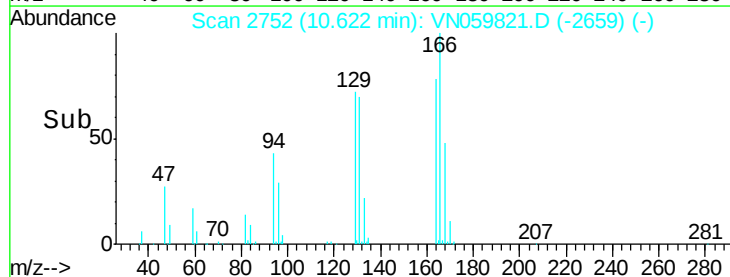
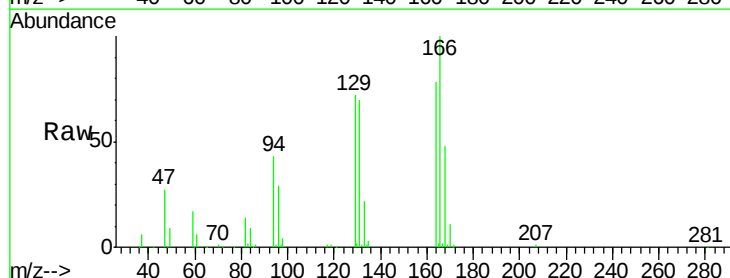
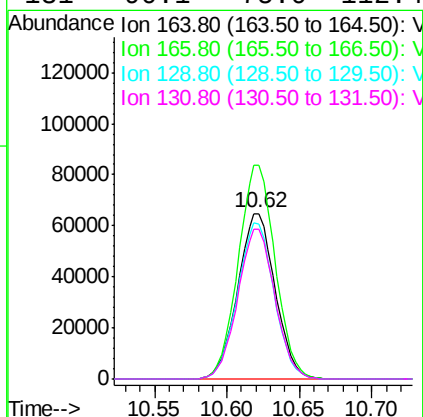
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 294391
Ion Ratio Lower Upper
117 100
82 52.4 45.9 68.9
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 48.42 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

Tgt Ion:164 Resp: 116181
Ion Ratio Lower Upper
164 100
166 128.9 101.4 152.0
129 93.5 80.2 120.4
131 90.1 75.0 112.4





#65

Chlorobenzene

Concen: 49.38 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

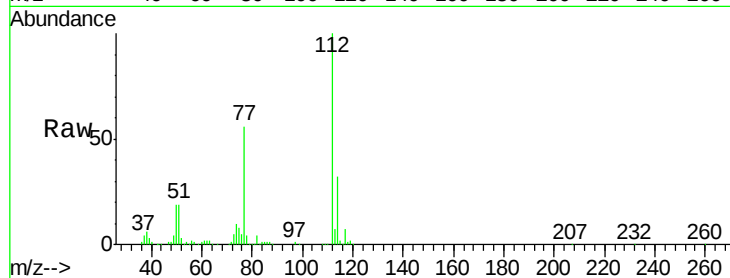
VSTDCCC050

Tgt Ion:112 Resp: 285732

Ion Ratio Lower Upper

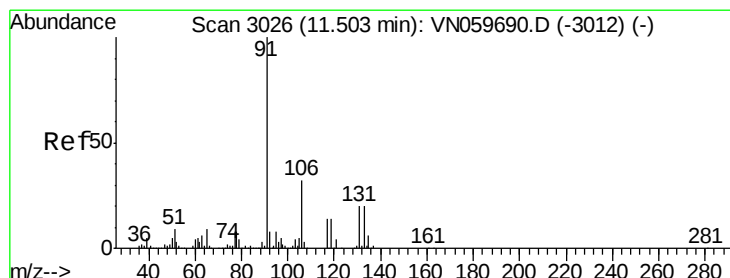
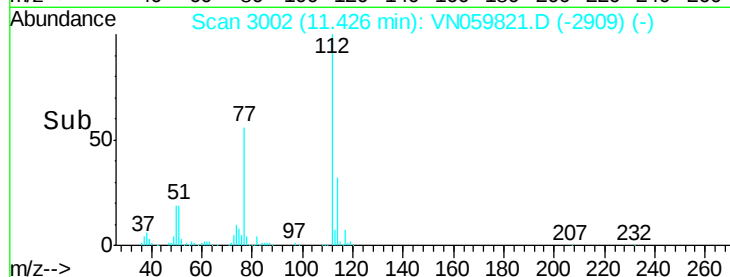
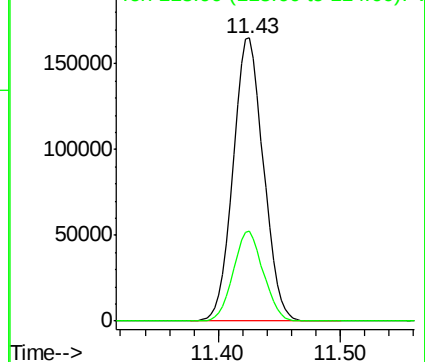
112 100

114 31.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.81 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

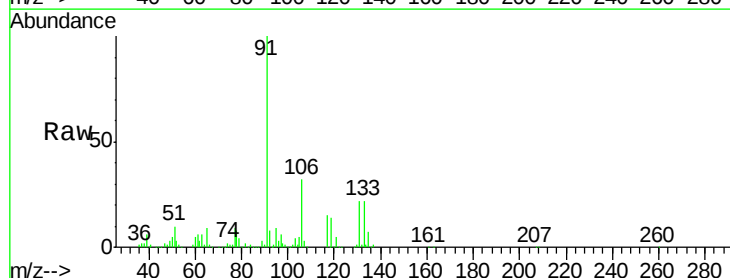
Tgt Ion:131 Resp: 111363

Ion Ratio Lower Upper

131 100

133 96.3 47.4 142.2

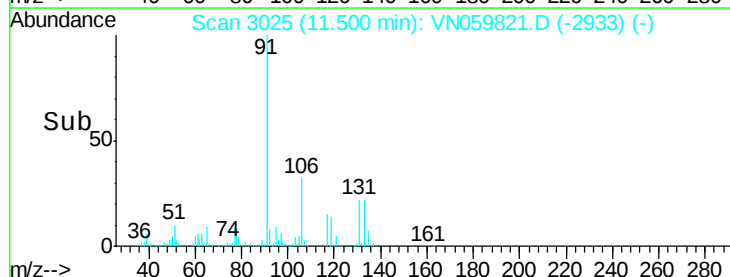
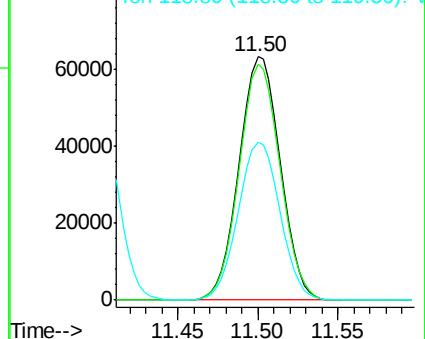
119 65.7 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.56 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

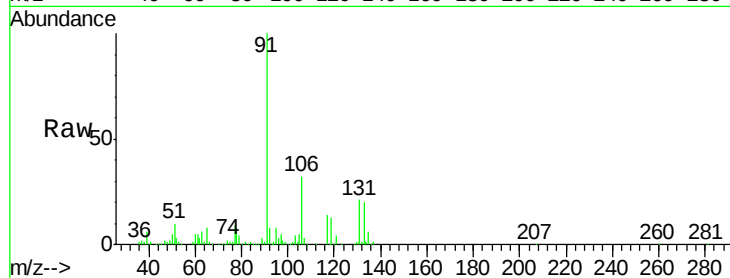
VSTDCCC050

Tgt Ion: 91 Resp: 510048

Ion Ratio Lower Upper

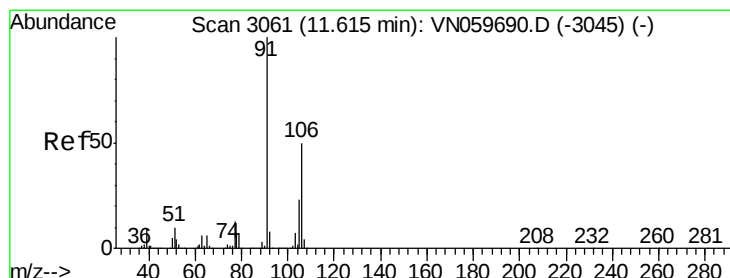
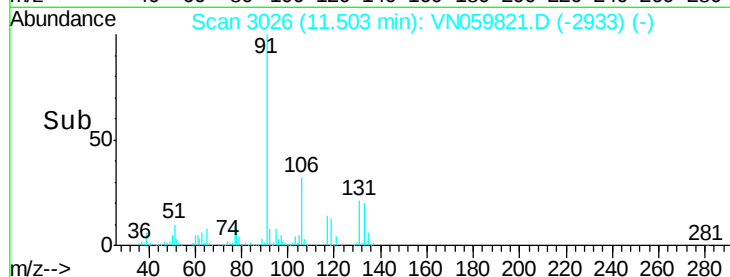
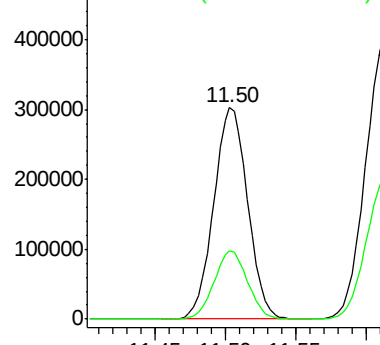
91 100

106 32.4 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 98.66 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059821.D

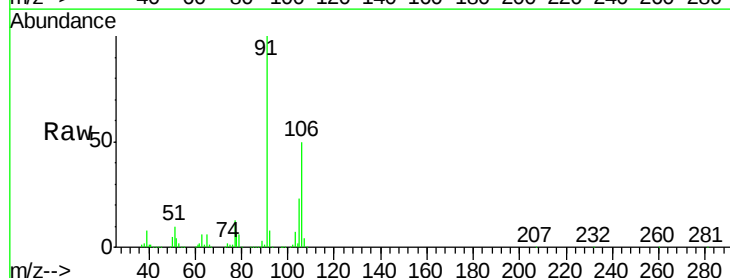
Acq: 22 Jan 2020 9:46

Tgt Ion: 106 Resp: 391458

Ion Ratio Lower Upper

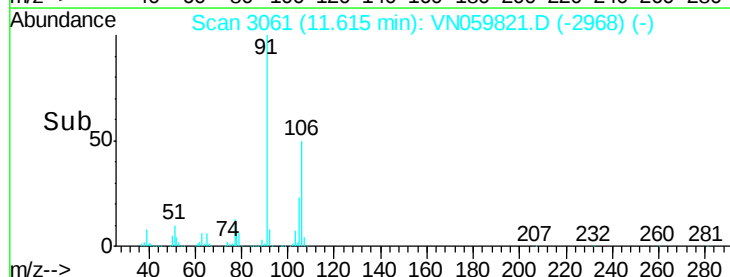
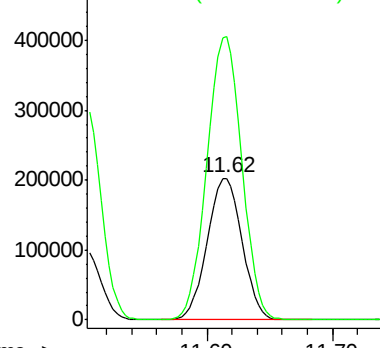
106 100

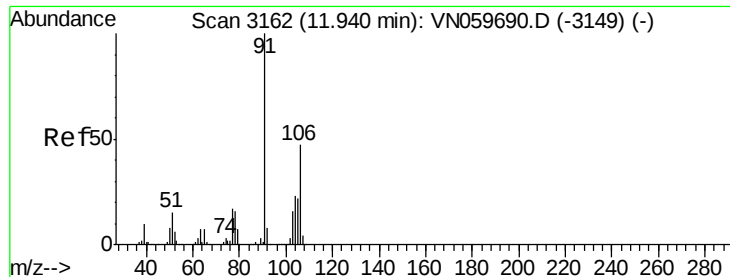
91 199.7 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

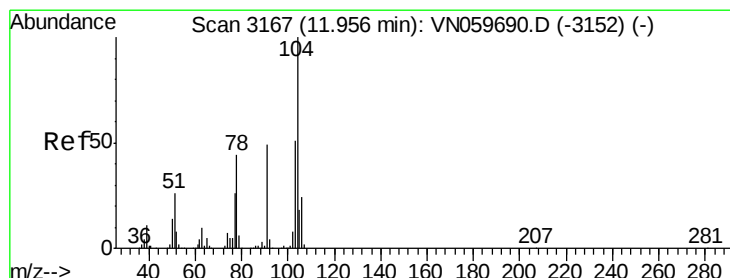
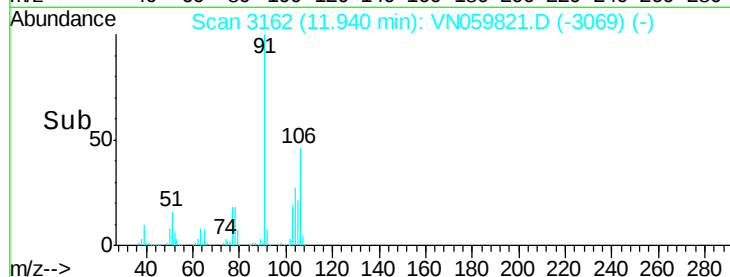
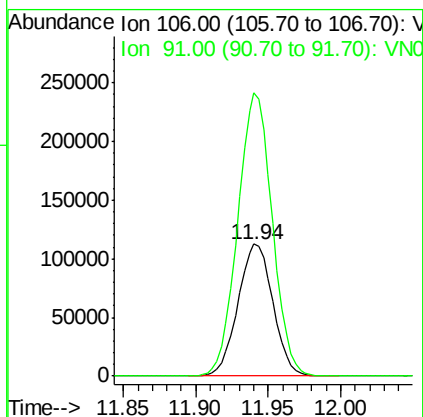
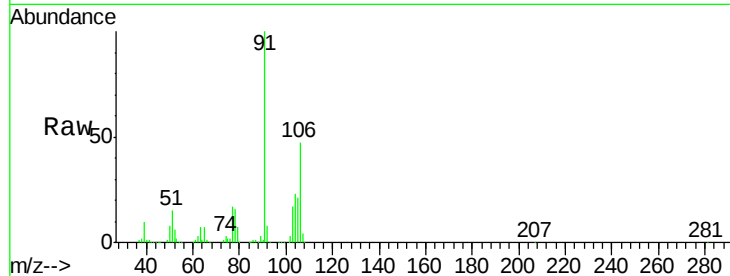




#69
o-Xylene
Concen: 48.59 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

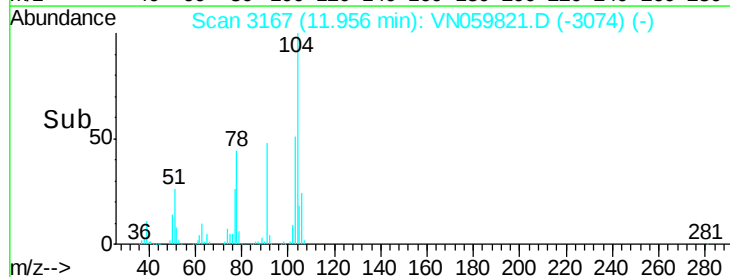
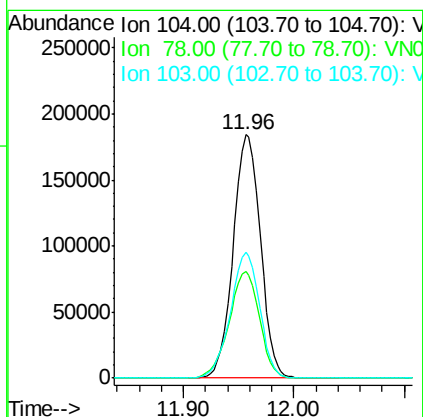
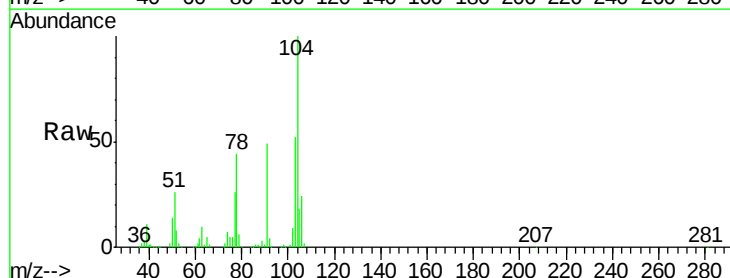
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

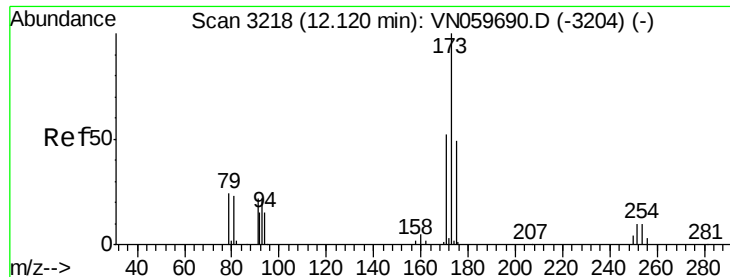
Tgt Ion:106 Resp: 188743
Ion Ratio Lower Upper
106 100
91 211.1 110.3 330.9



#70
Styrene
Concen: 48.69 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

Tgt Ion:104 Resp: 316480
Ion Ratio Lower Upper
104 100
78 48.7 42.4 63.6
103 55.4 43.9 65.9

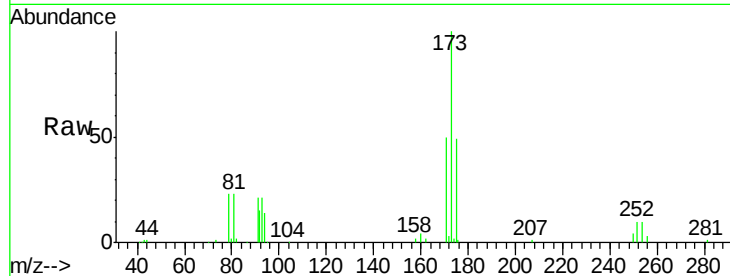




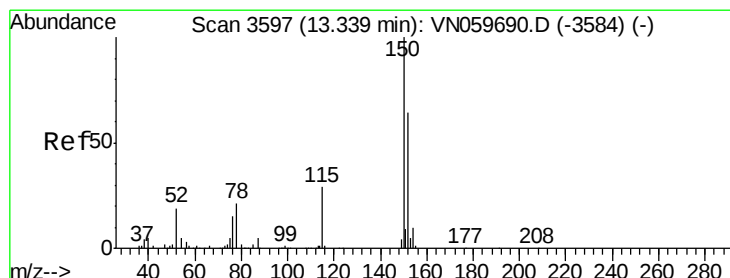
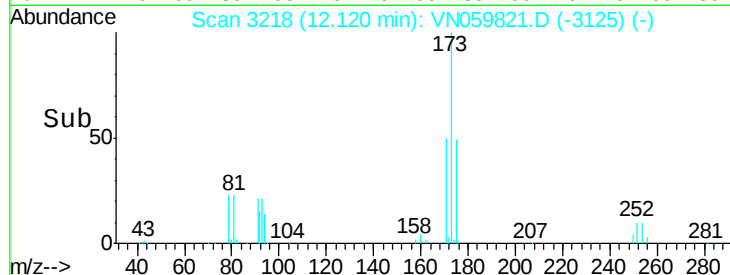
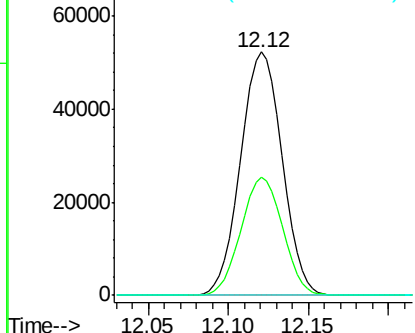
#71
Bromoform
Concen: 51.87 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 92898
Ion Ratio Lower Upper
173 100
175 48.5 23.8 71.4
254 0.0 0.0 0.0

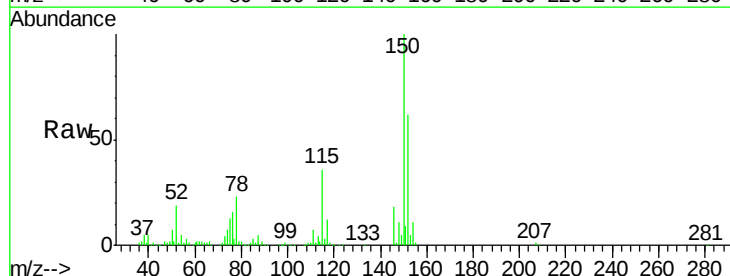


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

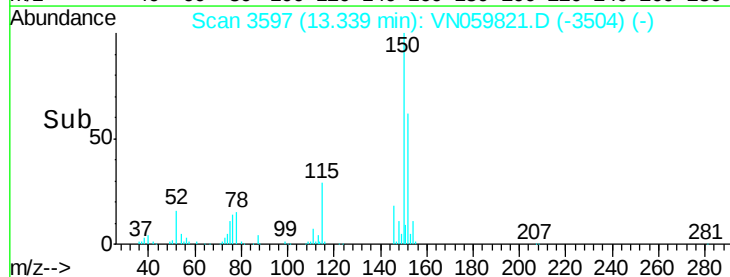
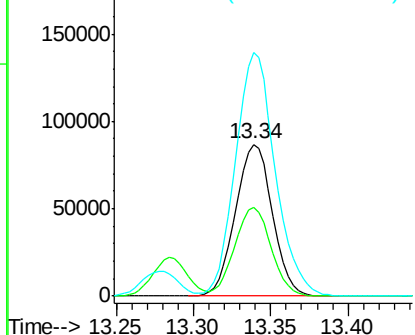


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

Tgt Ion:152 Resp: 143863
Ion Ratio Lower Upper
152 100
115 57.8 30.3 90.9
150 173.0 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: 48.47 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

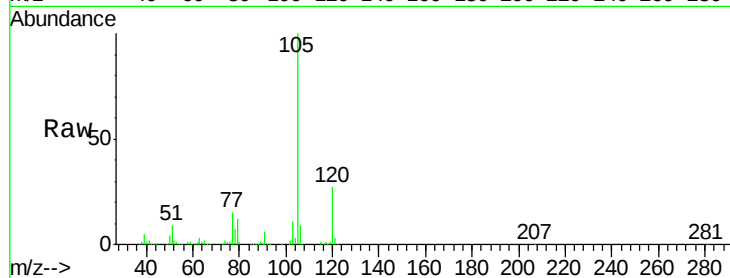
VSTDCCC050

Tgt Ion: 105 Resp: 511384

Ion Ratio Lower Upper

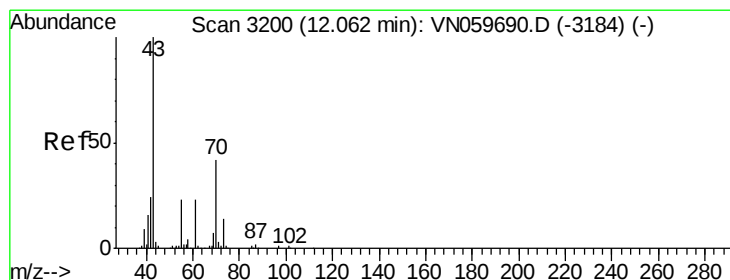
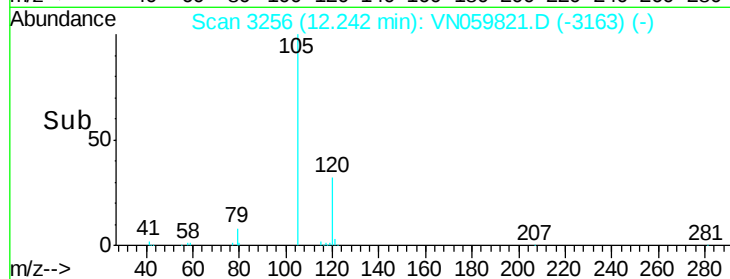
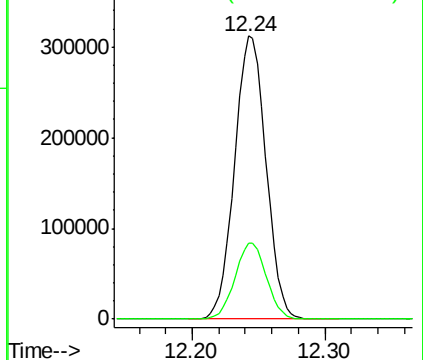
105 100

120 26.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.35 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Tgt Ion: 43 Resp: 181562

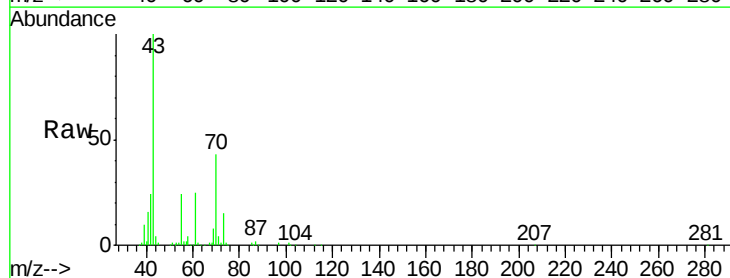
Ion Ratio Lower Upper

43 100

70 42.8 31.3 46.9

55 23.3 19.8 29.6

61 25.1 18.3 27.5

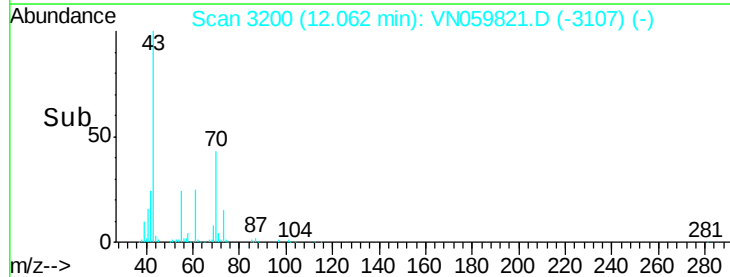
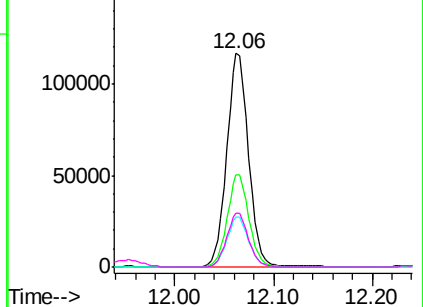


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.67 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

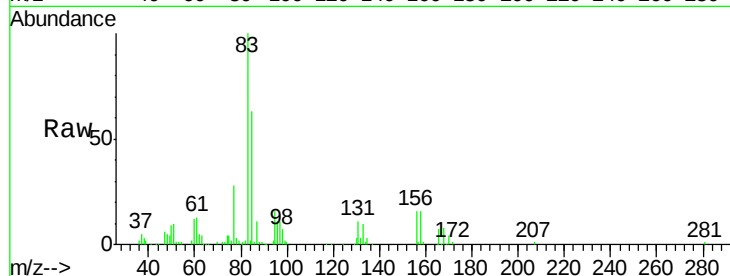
Tgt Ion: 83 Resp: 142750

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 63.7 31.9 95.5

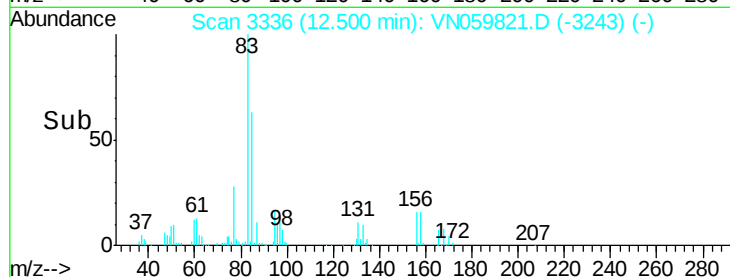


Abundance Ion 82.90 (82.60 to 83.60): VN059821.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059821.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059821.D (-3243) (-)

Time-->

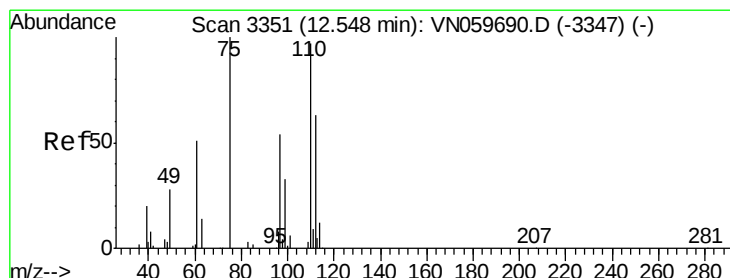


Abundance Ion 82.90 (82.60 to 83.60): VN059821.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059821.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059821.D (-3243) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 79.91 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059821.D

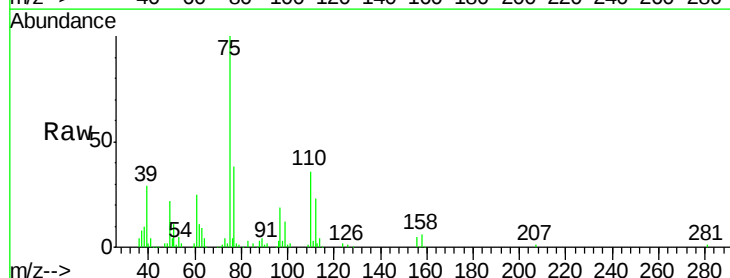
Acq: 22 Jan 2020 9:46

Tgt Ion: 75 Resp: 193459

Ion Ratio Lower Upper

75 100

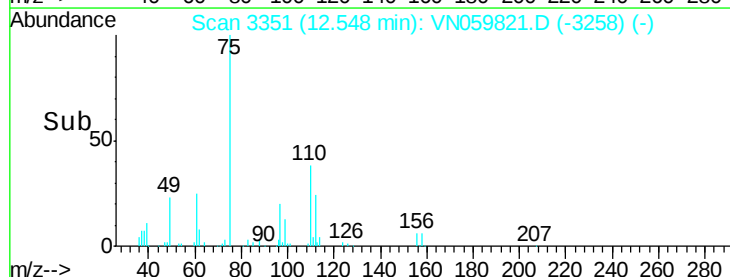
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059821.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059821.D (-3258) (-)

Time-->



Abundance Ion 74.90 (74.60 to 75.60): VN059821.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059821.D (-3258) (-)

Time-->



#77

Bromobenzene

Concen: 48.52 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

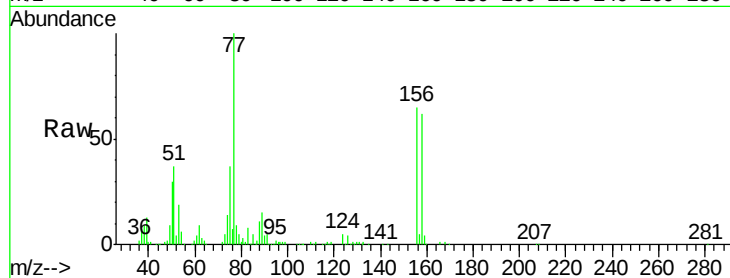
Tgt Ion:156 Resp: 129637

Ion Ratio Lower Upper

156 100

77 188.2 115.8 347.4

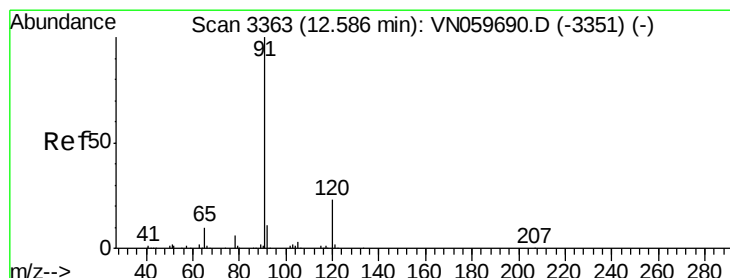
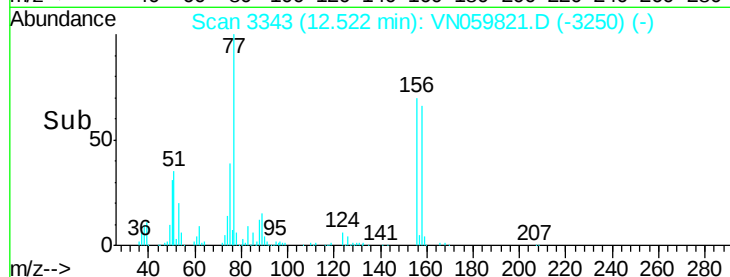
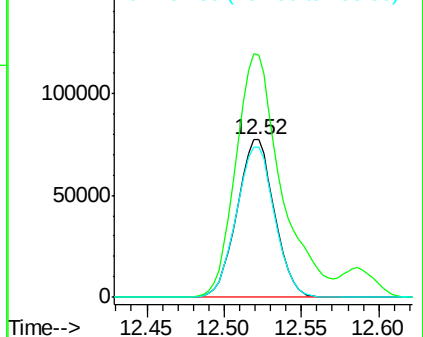
158 97.7 49.2 147.6



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: 48.68 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059821.D

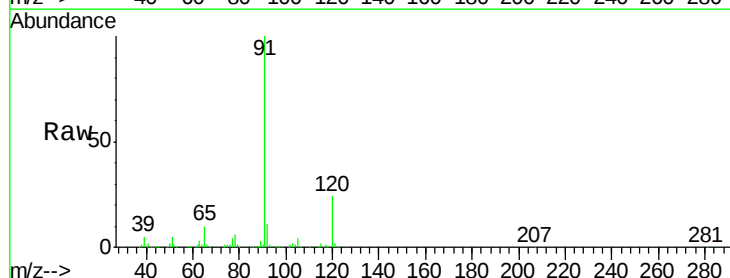
Acq: 22 Jan 2020 9:46

Tgt Ion: 91 Resp: 576521

Ion Ratio Lower Upper

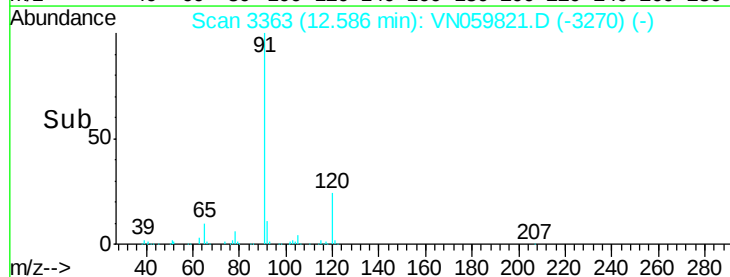
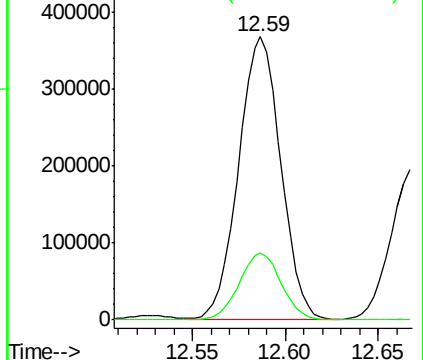
91 100

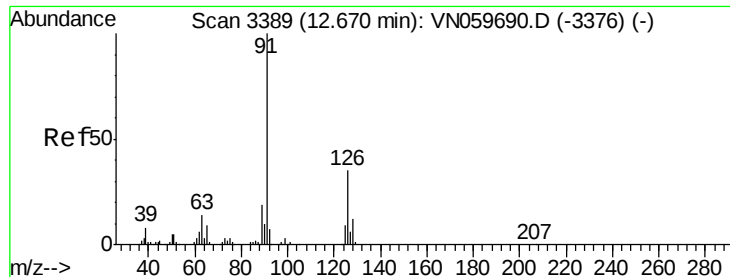
120 23.6 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.32 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

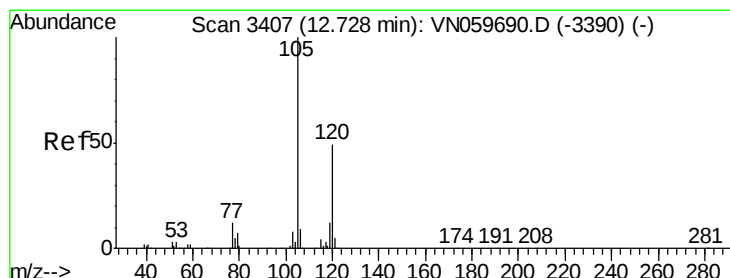
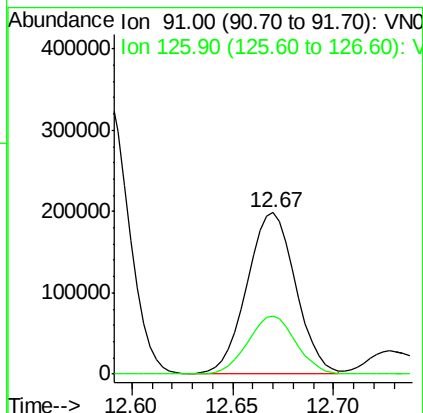
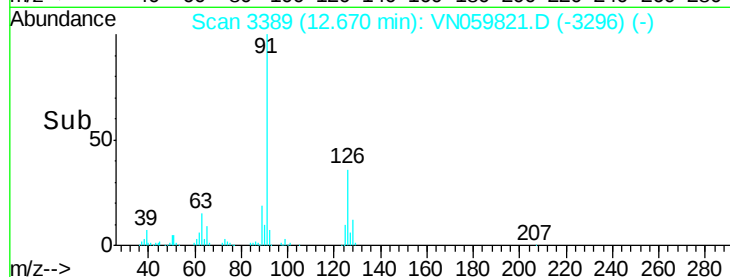
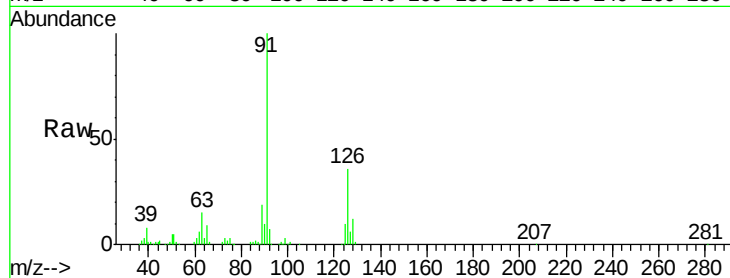
VSTDCCC050

Tgt Ion: 91 Resp: 33337

Ion Ratio Lower Upper

91 100

126 36.0 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 48.52 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059821.D

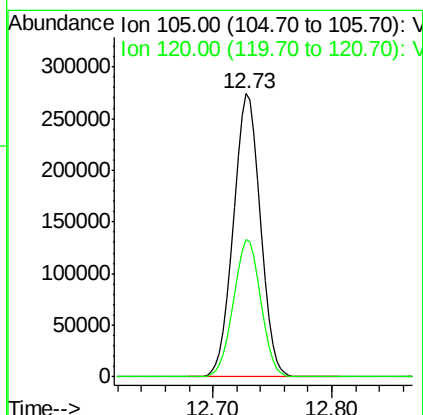
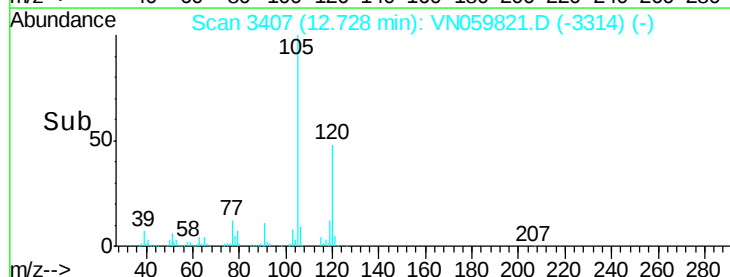
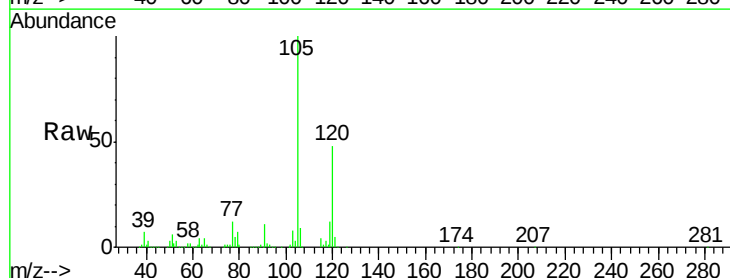
Acq: 22 Jan 2020 9:46

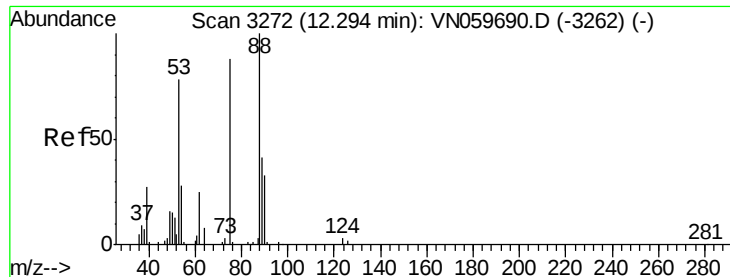
Tgt Ion: 105 Resp: 430502

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.4

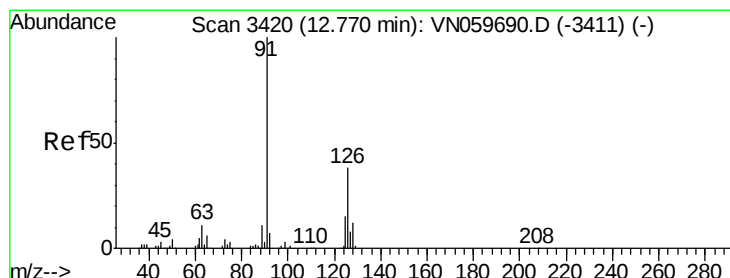
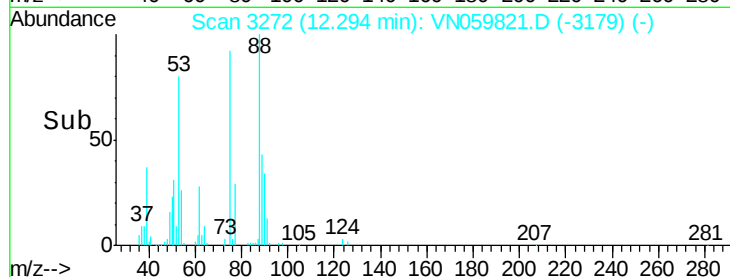
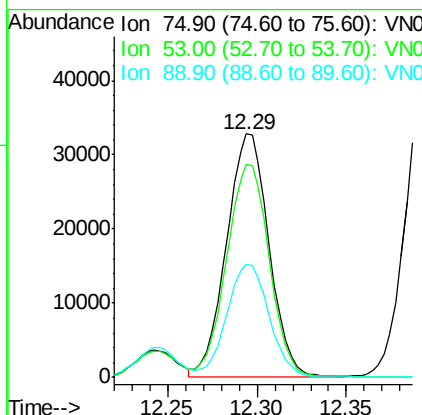
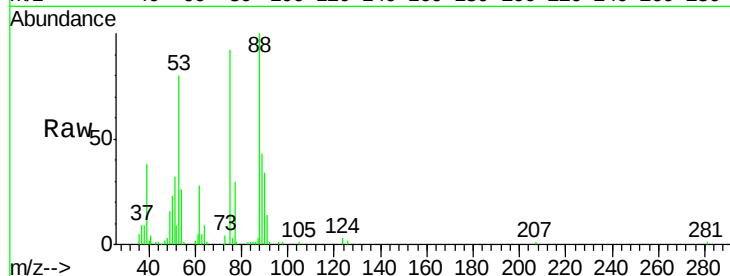




#81
trans-1,4-Dichloro-2-butene
Concen: 48.33 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

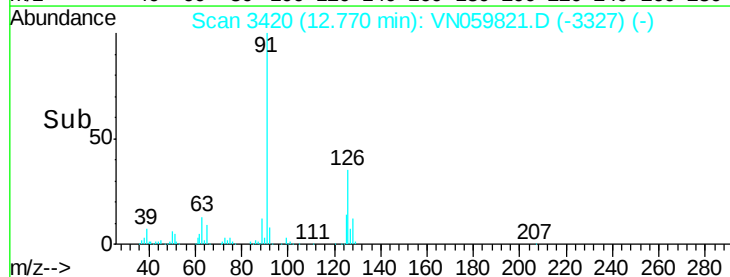
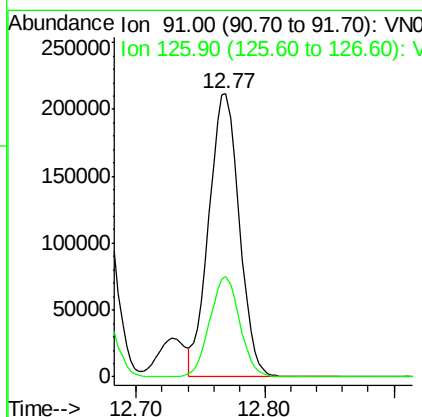
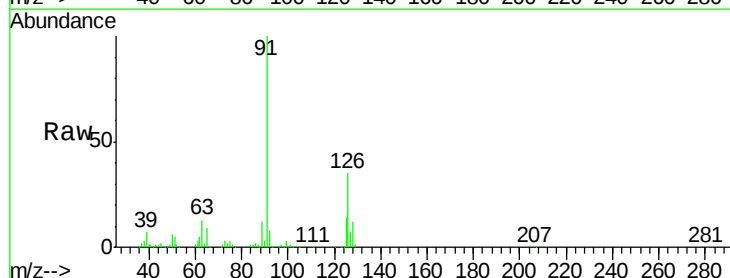
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 54485
Ion Ratio Lower Upper
75 100
53 87.0 78.1 117.1
89 46.2 35.4 53.2



#82
4-Chlorotoluene
Concen: 49.00 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

Tgt Ion: 91 Resp: 346214
Ion Ratio Lower Upper
91 100
126 35.0 16.3 48.8

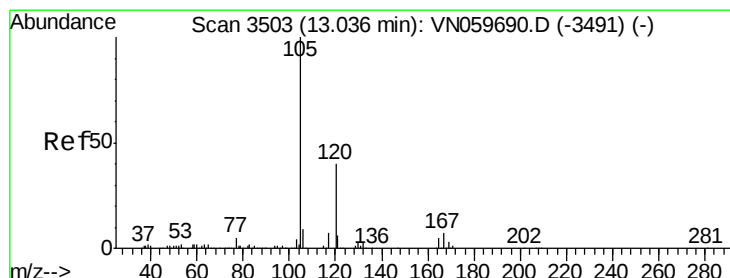
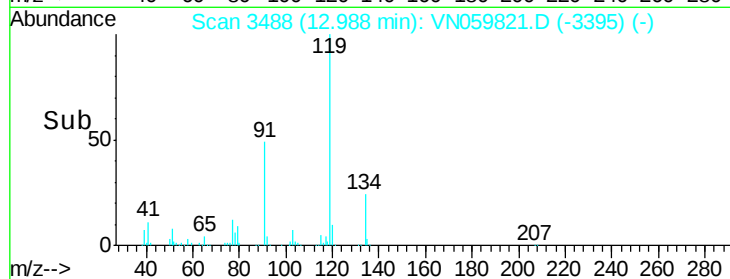
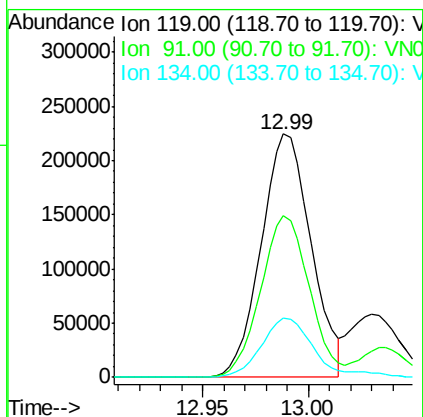
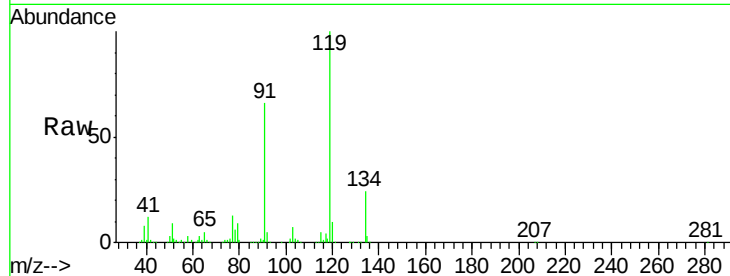




#83
 tert-Butylbenzene
 Concen: 48.14 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

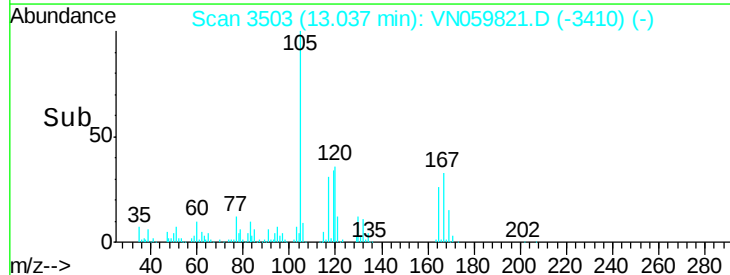
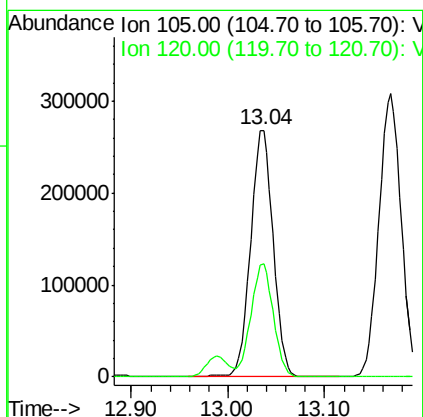
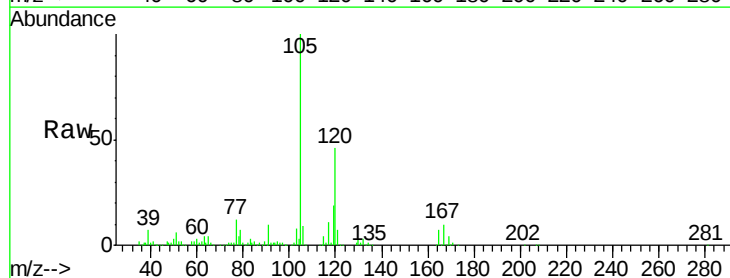
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 369462
 Ion Ratio Lower Upper
 119 100
 91 64.9 34.8 104.4
 134 25.7 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.51 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

Tgt Ion:105 Resp: 434618
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 48.91 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

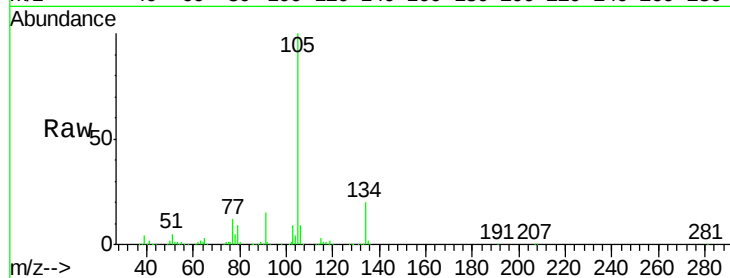
VSTDCCC050

Tgt Ion:105 Resp: 493167

Ion Ratio Lower Upper

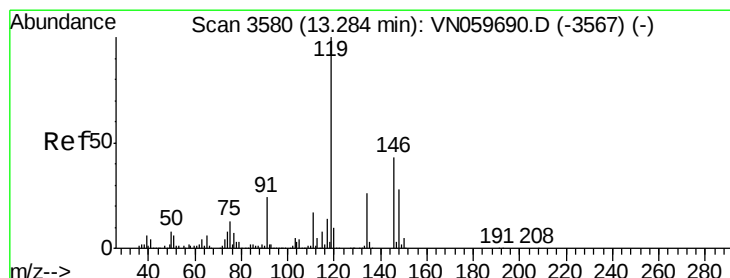
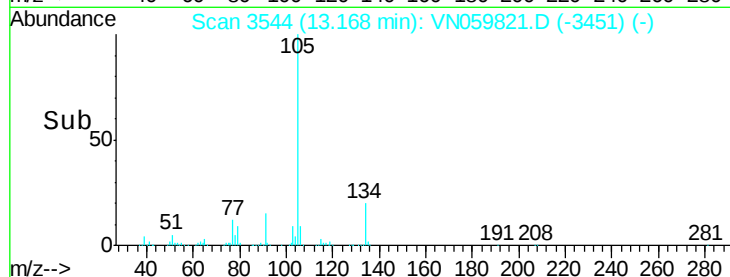
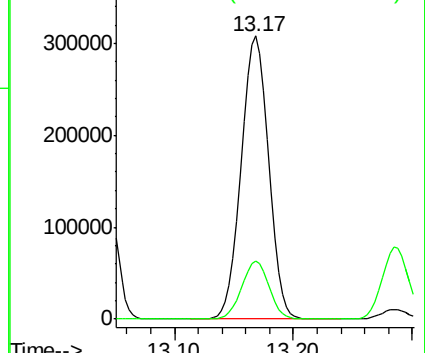
105 100

134 20.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.97 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

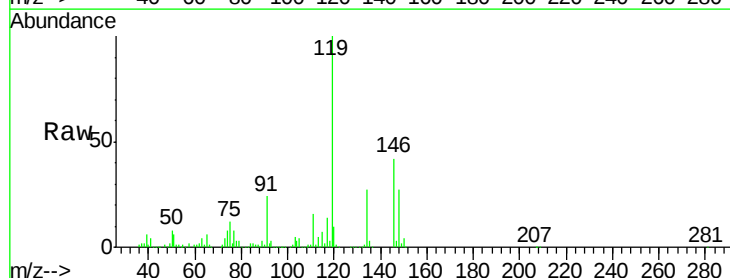
Tgt Ion:119 Resp: 456862

Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.7

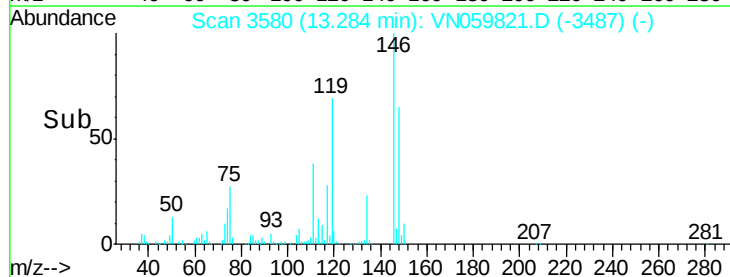
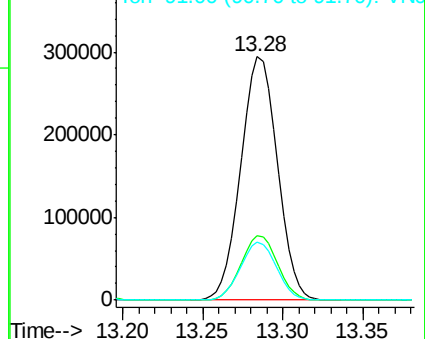
91 23.8 12.4 37.4

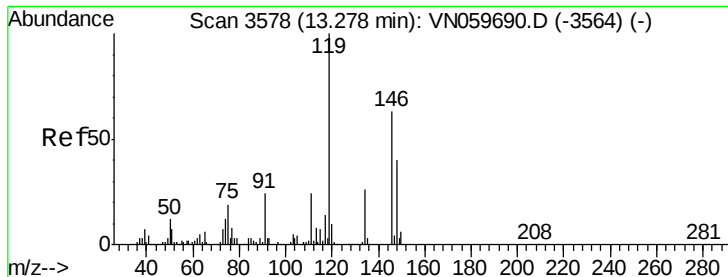


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.42 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

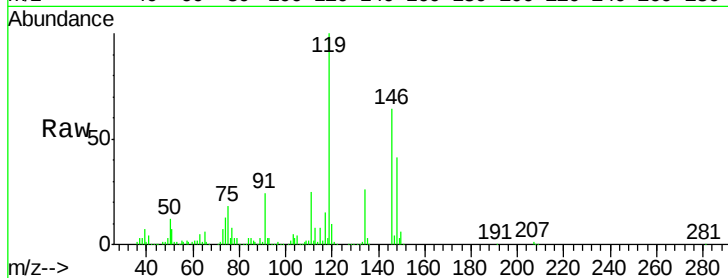
Tgt Ion:146 Resp: 234026

Ion Ratio Lower Upper

146 100

111 38.6 20.8 62.2

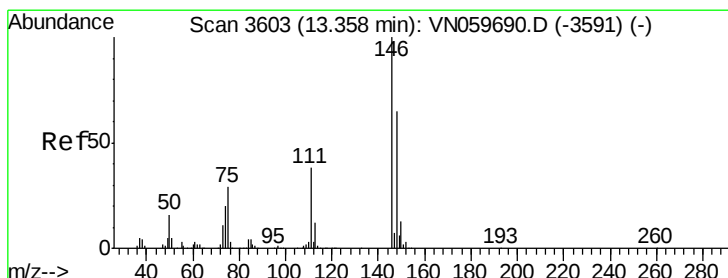
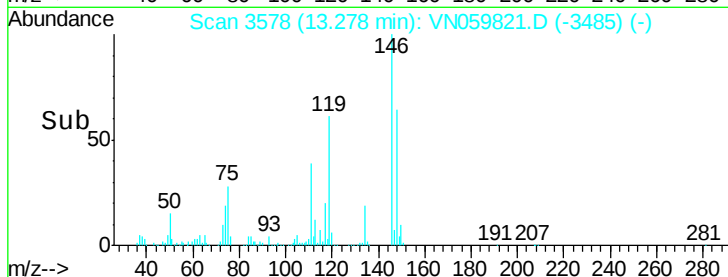
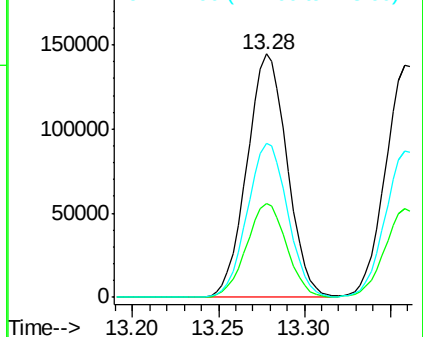
148 63.9 32.0 96.0



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



#88

1,4-Dichlorobenzene

Concen: 49.75 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

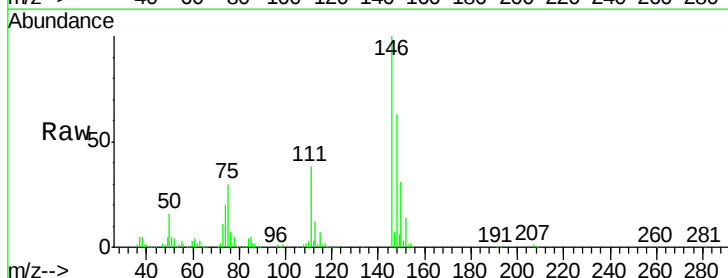
Tgt Ion:146 Resp: 230323

Ion Ratio Lower Upper

146 100

111 37.9 20.8 62.2

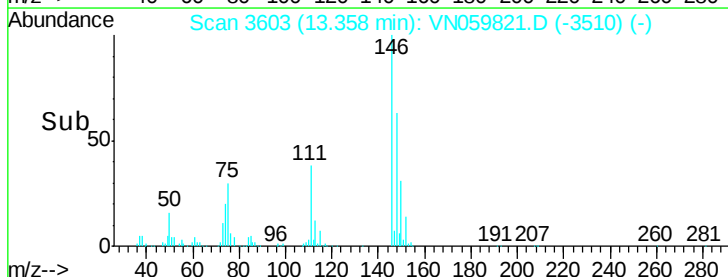
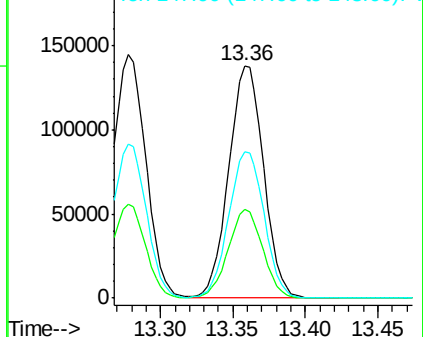
148 64.1 31.8 95.4

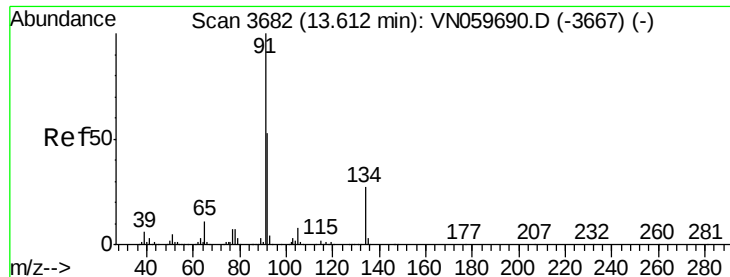


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 49.90 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059821.D

Acq: 22 Jan 2020 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

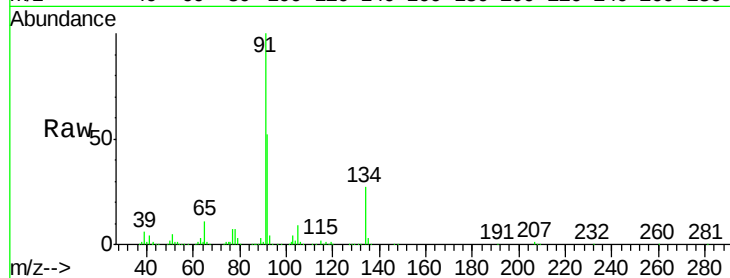
Tgt Ion: 91 Resp: 396926

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.7

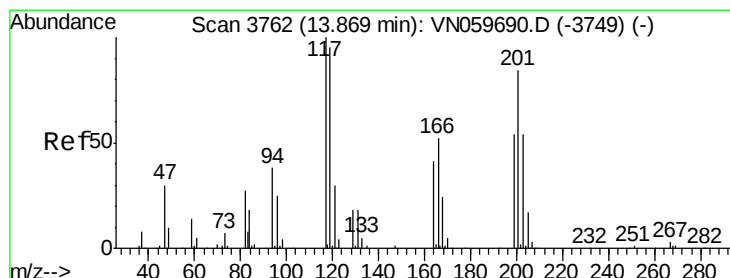
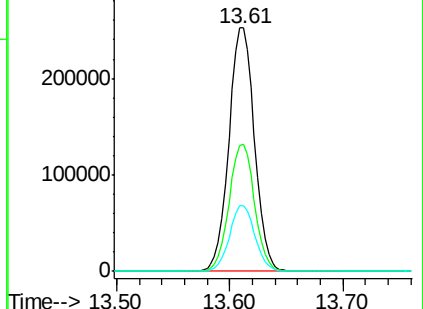
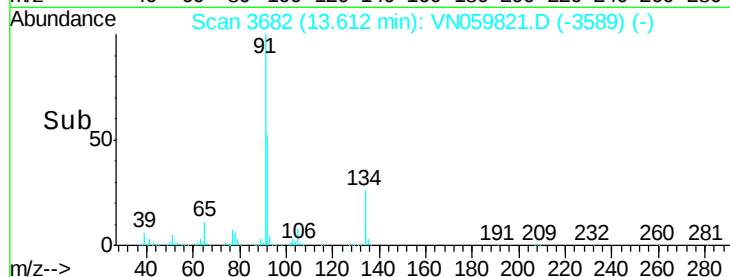
134 26.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN059821.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN059821.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN059821.D (-3589) (-)



#90

Hexachloroethane

Concen: 48.71 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN059821.D

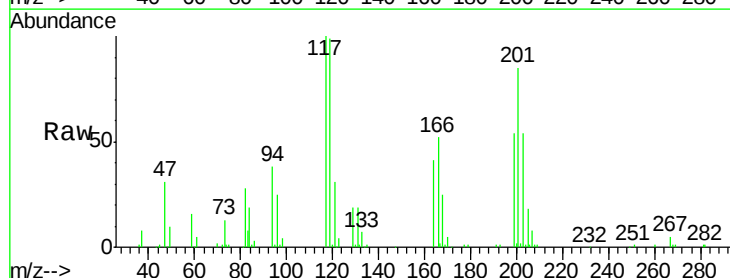
Acq: 22 Jan 2020 9:46

Tgt Ion: 117 Resp: 85024

Ion Ratio Lower Upper

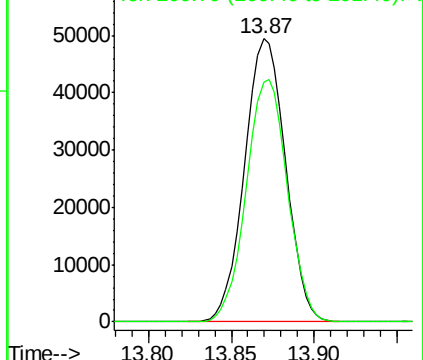
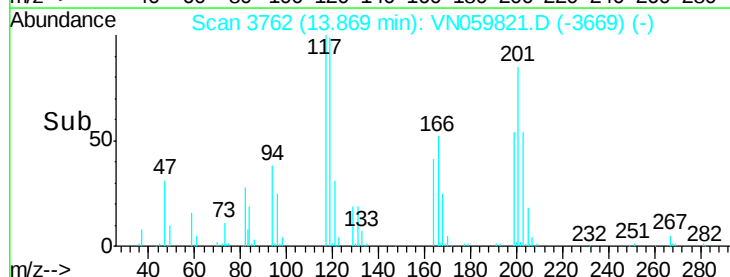
117 100

201 85.8 37.8 113.4



Abundance Ion 116.80 (116.50 to 117.50): VN059821.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN059821.D (-3669) (-)

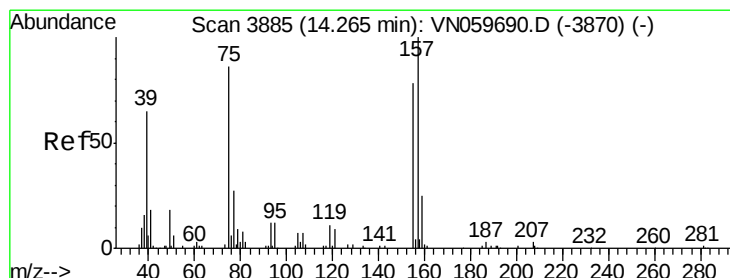
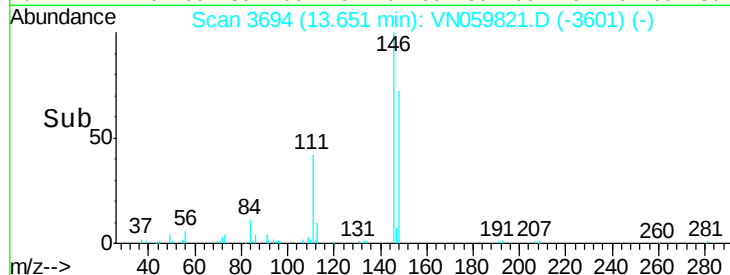
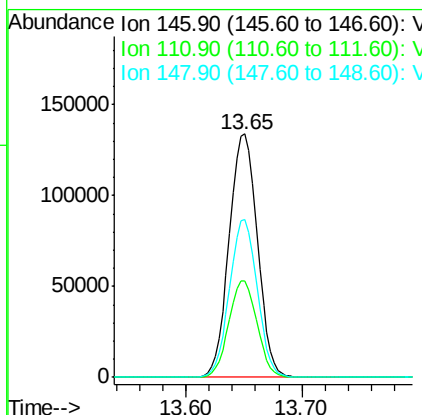
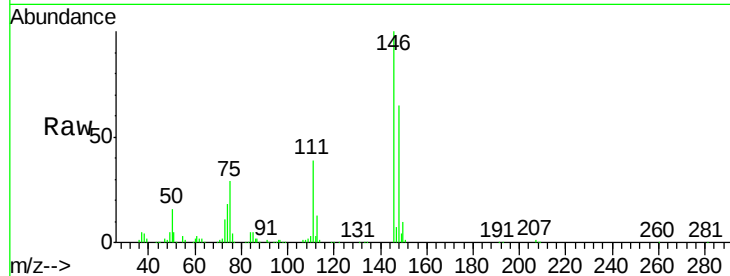




#91
 1,2-Dichlorobenzene
 Concen: 49.39 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

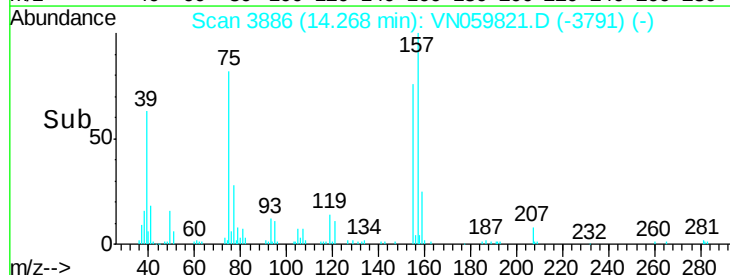
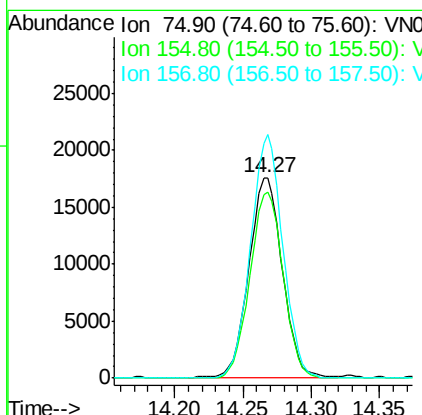
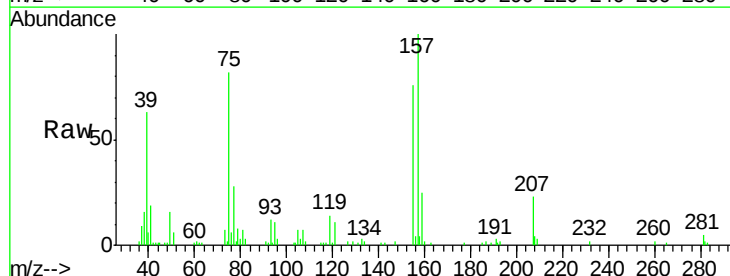
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	21.6	64.8
148	63.8	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.86 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.0	37.0	110.9
157	115.4	48.4	145.2

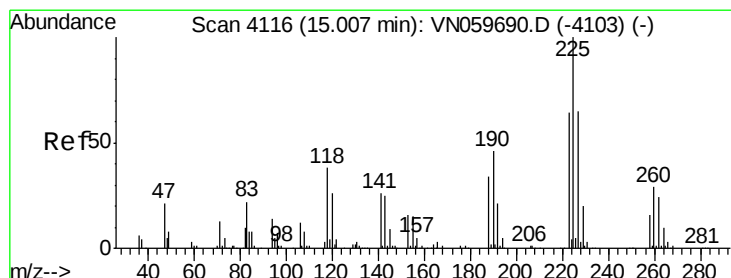
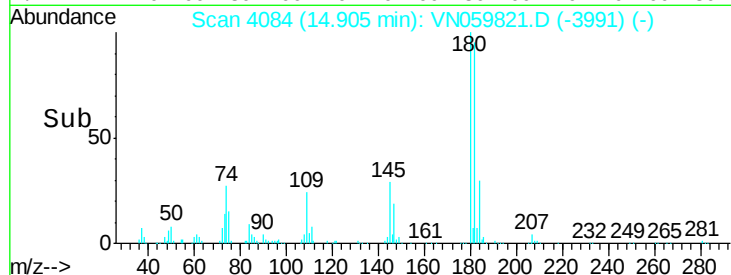
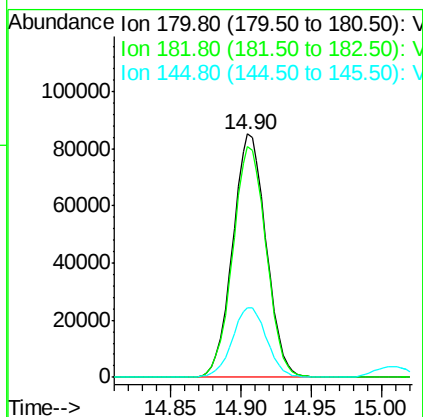
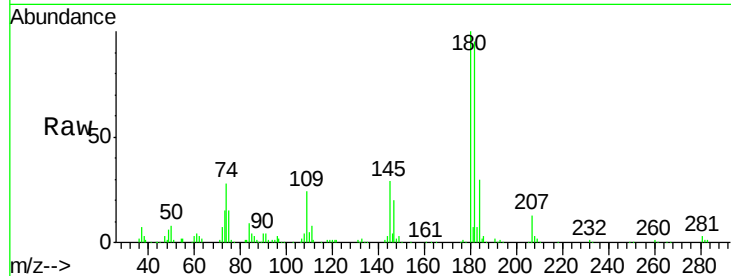




#93
 1,2,4-Trichlorobenzene
 Concen: 51.27 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

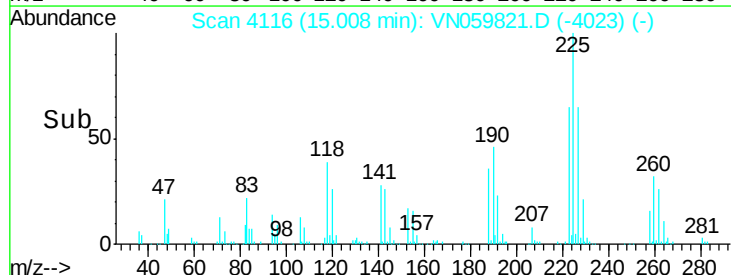
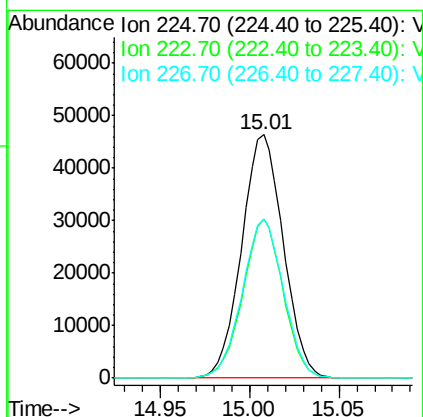
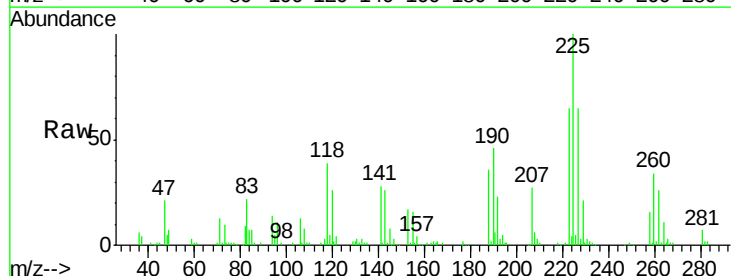
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

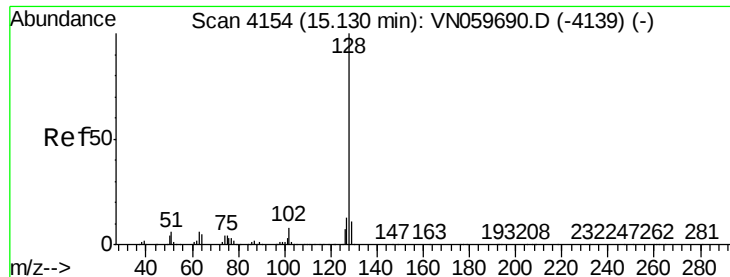
Tgt Ion:180 Resp: 141341
 Ion Ratio Lower Upper
 180 100
 182 94.9 46.9 140.7
 145 29.3 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 49.94 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059821.D
 Acq: 22 Jan 2020 9:46

Tgt Ion:225 Resp: 75871
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.8 95.3
 227 64.4 32.1 96.5

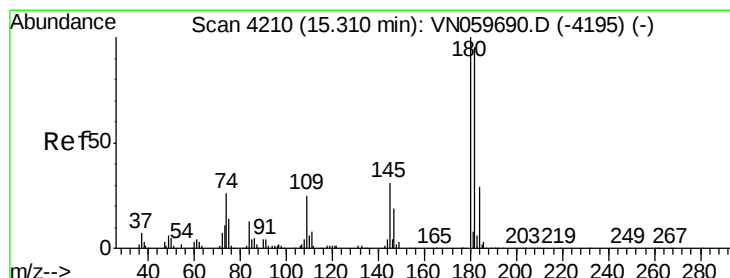
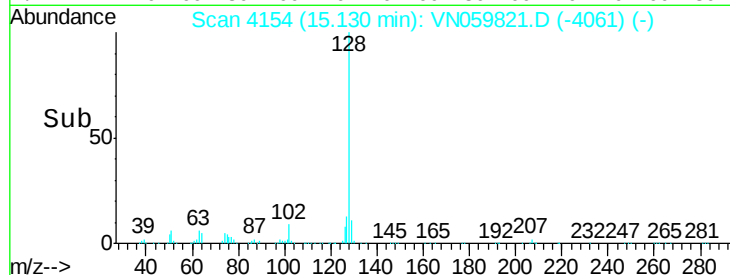
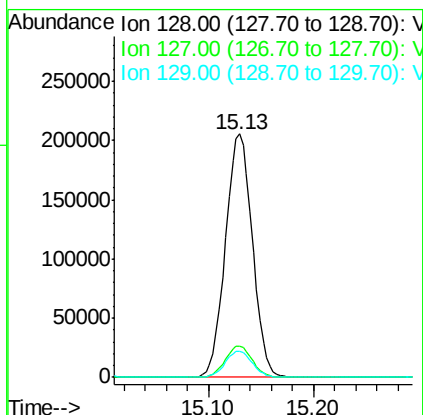
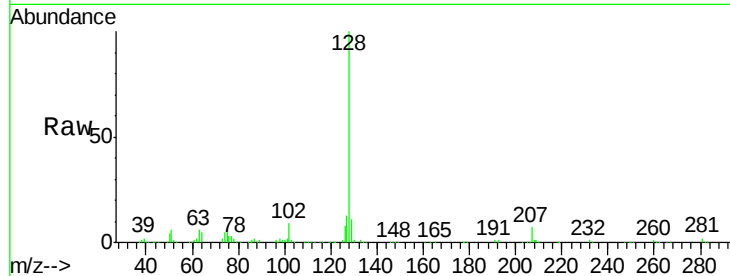




#95
Naphthalene
Concen: 46.26 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 362808
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.05 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059821.D
Acq: 22 Jan 2020 9:46

Tgt Ion:180 Resp: 131620
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.3
145 31.9 16.3 48.9

