

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062220\
 Data File : VN061990.D
 Acq On : 22 Jun 2020 11:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 22 14:59:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	171483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	288276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	275470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136355	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	128019	55.66	ug/l	0.00
Spiked Amount			Recovery	=	111.32%	
35) Dibromofluoromethane	7.54	113	103831	56.30	ug/l	0.00
Spiked Amount			Recovery	=	112.60%	
50) Toluene-d8	10.06	98	403348	55.63	ug/l	0.00
Spiked Amount			Recovery	=	111.26%	
62) 4-Bromofluorobenzene	12.37	95	143099	57.54	ug/l	0.00
Spiked Amount			Recovery	=	115.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	102180	45.819	ug/l	100
3) Chloromethane	2.03	50	101049	42.453	ug/l	98
4) Vinyl Chloride	2.16	62	127026	44.765	ug/l	98
5) Bromomethane	2.52	94	89520	41.082	ug/l	97
6) Chloroethane	2.66	64	89229	46.463	ug/l	100
7) Trichlorofluoromethane	2.97	101	165573	48.849	ug/l	97
8) Diethyl Ether	3.37	74	60628	53.207	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	86790	49.911	ug/l	98
10) Methyl Iodide	3.91	142	104545	49.835	ug/l	100
11) Tert butyl alcohol	4.73	59	83227	261.514	ug/l	98
12) 1,1-Dichloroethene	3.69	96	82824	47.536	ug/l	97
13) Acrolein	3.56	56	64433	338.746	ug/l	100
14) Allyl chloride	4.27	41	119083	51.496	ug/l	99
15) Acrylonitrile	4.92	53	223465	283.378	ug/l	98
16) Acetone	3.77	43	187144	275.483	ug/l	98
17) Carbon Disulfide	4.00	76	199479	39.128	ug/l	100
18) Methyl Acetate	4.27	43	105776	54.083	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	311292	53.659	ug/l	100
20) Methylene Chloride	4.50	84	105306	47.580	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	93309	46.624	ug/l	97
22) Diisopropyl ether	5.90	45	289221	54.686	ug/l	98
23) Vinyl Acetate	5.84	43	1152101	276.972	ug/l	98
24) 1,1-Dichloroethane	5.79	63	175848	50.792	ug/l	97
25) 2-Butanone	6.78	43	282099	284.619	ug/l	100
26) 2,2-Dichloropropane	6.77	77	151802	52.116	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	115731	50.118	ug/l	98
28) Bromochloromethane	7.14	49	87088	56.496	ug/l	94
29) Tetrahydrofuran	7.16	42	179966	275.903	ug/l	98
30) Chloroform	7.32	83	186575	50.425	ug/l	99
31) Cyclohexane	7.61	56	134168	44.269	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	154726	49.102	ug/l	99
36) 1,1-Dichloropropene	7.75	75	131201	49.898	ug/l	99
37) Ethyl Acetate	6.88	43	116889	56.927	ug/l	99
38) Carbon Tetrachloride	7.73	117	131485	50.497	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	141930	50.129	ug/l	99
40) Benzene	8.00	78	412365	51.772	ug/l	99
41) Methacrylonitrile	7.12	41	48447	55.178	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	147506	54.313	ug/l	99
43) Isopropyl Acetate	8.12	43	201229	58.153	ug/l #	90
44) Trichloroethene	8.80	130	105503	50.331	ug/l	98
45) 1,2-Dichloropropane	9.08	63	107079	54.704	ug/l	99
46) Dibromomethane	9.17	93	74888	54.330	ug/l	99
47) Bromodichloromethane	9.37	83	153349	54.332	ug/l	98
48) Methyl methacrylate	9.17	41	92390	58.712	ug/l	95
49) 1,4-Dioxane	9.17	88	41332	1144.030	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	603289	295.034	ug/l	99
52) Toluene	10.12	92	265826	53.141	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	171778	57.330	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	184044	56.552	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	111414	56.609	ug/l	98
56) Ethyl methacrylate	10.40	69	156864	52.052	ug/l	98
57) 1,3-Dichloropropane	10.68	76	187360	56.191	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	328686	316.434	ug/l	98
59) 2-Hexanone	10.72	43	439028	267.740	ug/l	99
60) Dibromochloromethane	10.87	129	121763	55.444	ug/l	100
61) 1,2-Dibromoethane	10.98	107	111392	54.202	ug/l	99
64) Tetrachloroethene	10.60	164	87529	49.853	ug/l	98
65) Chlorobenzene	11.40	112	294914	50.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	108033	53.291	ug/l	100
67) Ethyl Benzene	11.48	91	516578	53.006	ug/l	99
68) m/p-Xylenes	11.59	106	399036	106.184	ug/l	99
69) o-Xylene	11.92	106	190841	53.224	ug/l	98
70) Styrene	11.94	104	330389	55.030	ug/l	100
71) Bromoform	12.10	173	81637	55.229	ug/l #	99
73) Isopropylbenzene	12.22	105	506391	52.261	ug/l	100
74) N-amyl acetate	12.04	43	179452	51.070	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	164138	52.102	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	206018	76.959	ug/l #	100
77) Bromobenzene	12.50	156	123940	50.701	ug/l	97
78) n-propylbenzene	12.56	91	583280	52.756	ug/l	100
79) 2-Chlorotoluene	12.65	91	342957	51.648	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	421205	52.543	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	55042	56.079	ug/l	98
82) 4-Chlorotoluene	12.75	91	360007	52.468	ug/l	99
83) tert-Butylbenzene	12.97	119	352424	51.857	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	428674	54.172	ug/l	99
85) sec-Butylbenzene	13.15	105	477443	53.674	ug/l	99
86) p-Isopropyltoluene	13.26	119	432052	54.508	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	228947	51.351	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	226615	49.655	ug/l	99
89) n-Butylbenzene	13.59	91	361000	54.535	ug/l	99
90) Hexachloroethane	13.85	117	79131	54.538	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	222558	51.851	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	27893	54.539	ug/l	93

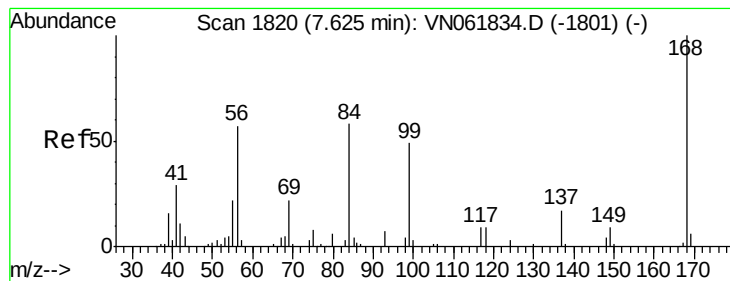
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062220\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	107262	52.958	ug/l	99
94) Hexachlorobutadiene	14.98	225	43151	54.093	ug/l	99
95) Naphthalene	15.10	128	309146	45.887	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	108015	53.849	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

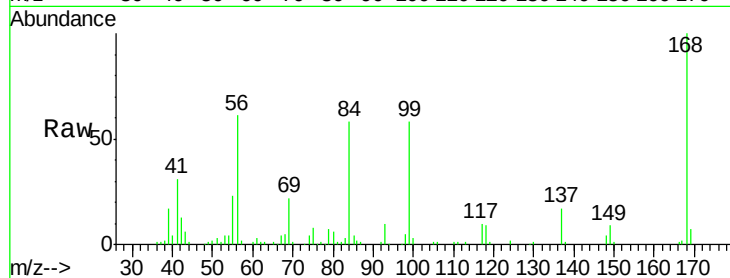
VSTDCCC050

Tgt Ion:168 Resp: 171483

Ion Ratio Lower Upper

168 100

99 57.4 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

60000

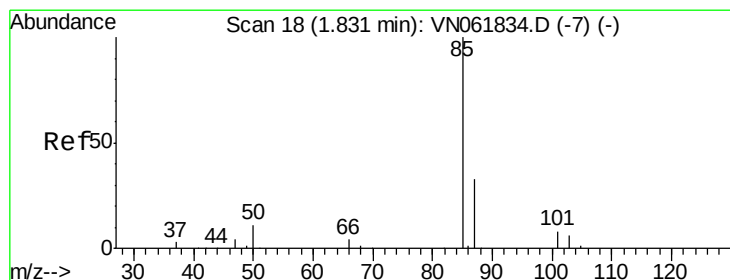
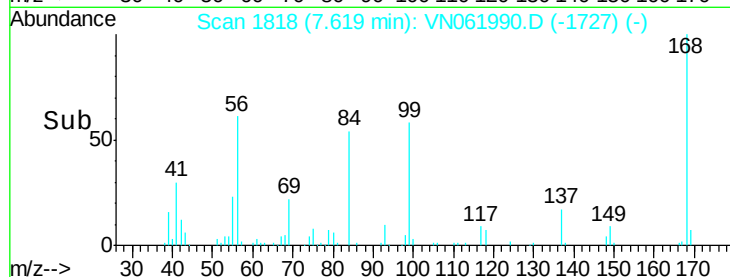
40000

20000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.819 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061990.D

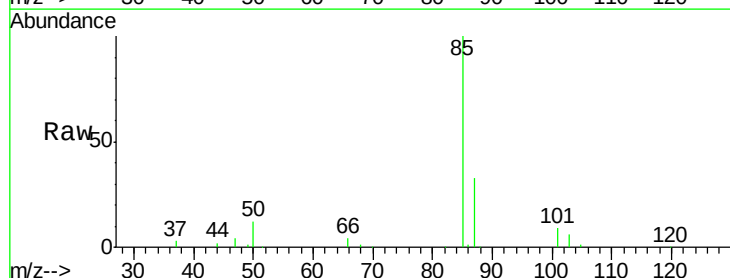
Acq: 22 Jun 2020 11:02

Tgt Ion: 85 Resp: 102180

Ion Ratio Lower Upper

85 100

87 33.1 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

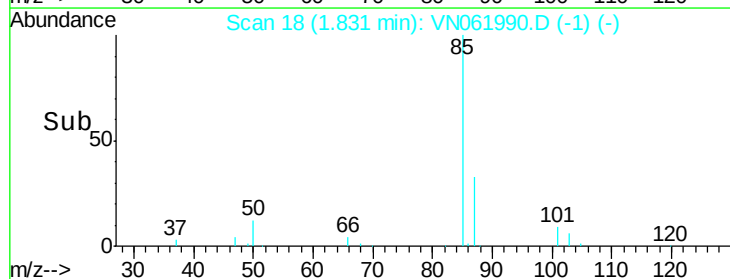
40000

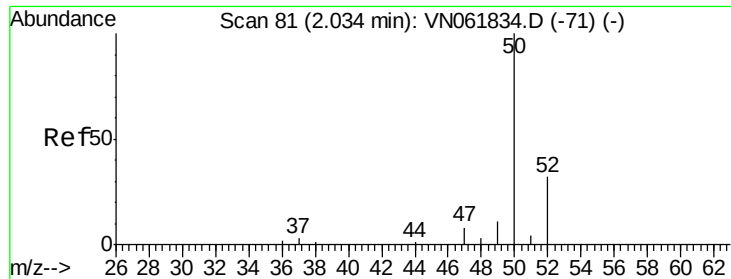
20000

0

1.75 1.80 1.85 1.90

Time-->

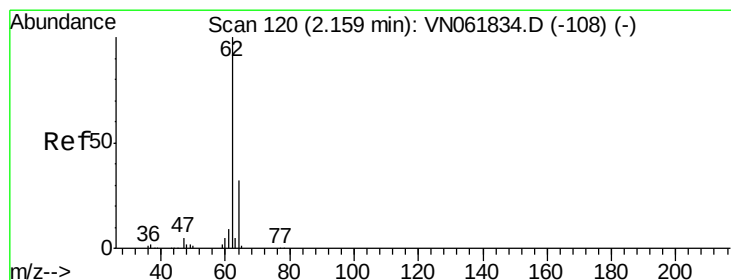
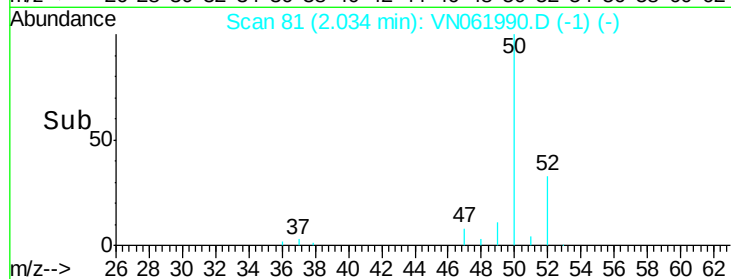
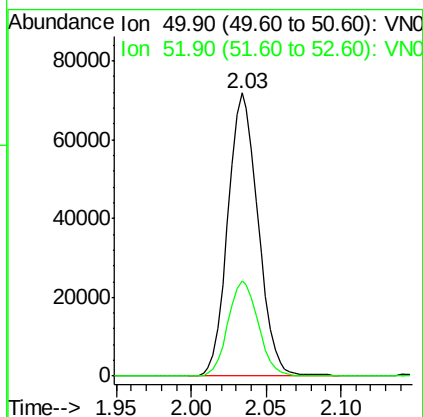
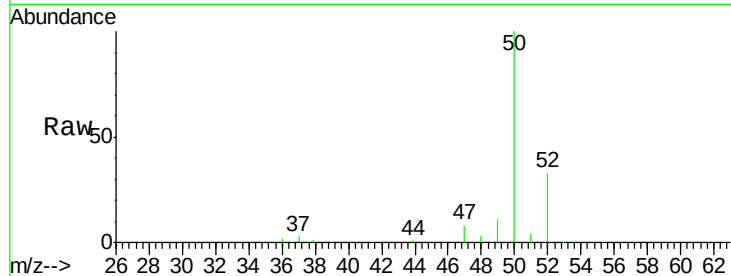




#3
Chloromethane
Concen: 42.453 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

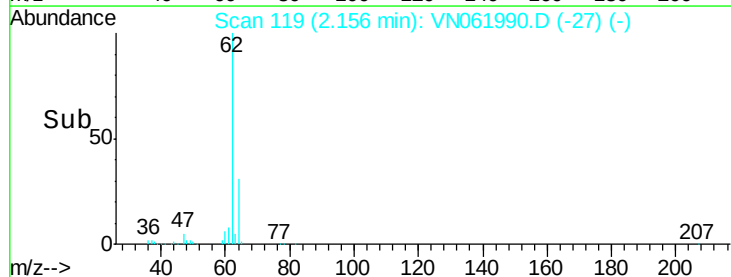
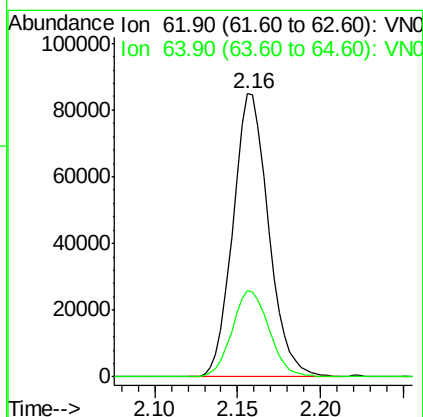
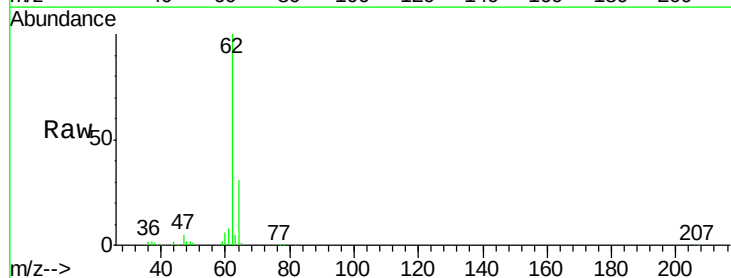
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

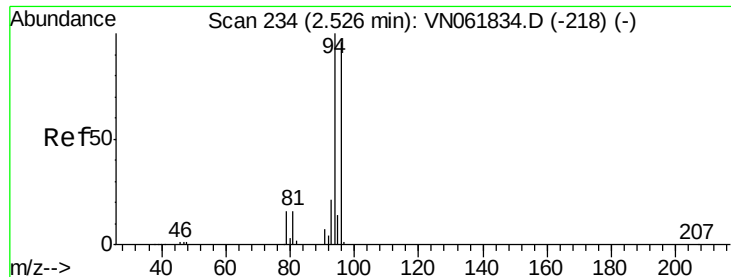
Tgt Ion: 50 Resp: 101049
Ion Ratio Lower Upper
50 100
52 33.5 26.0 39.0



#4
Vinyl Chloride
Concen: 44.765 ug/l
RT: 2.16 min Scan# 119
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion: 62 Resp: 127026
Ion Ratio Lower Upper
62 100
64 30.6 25.5 38.3





#5

Bromomethane

Concen: 41.082 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

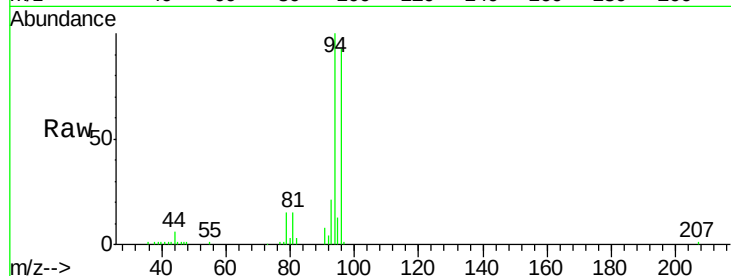
VSTDCCC050

Tgt Ion: 94 Resp: 89520

Ion Ratio Lower Upper

94 100

96 93.3 76.7 115.1

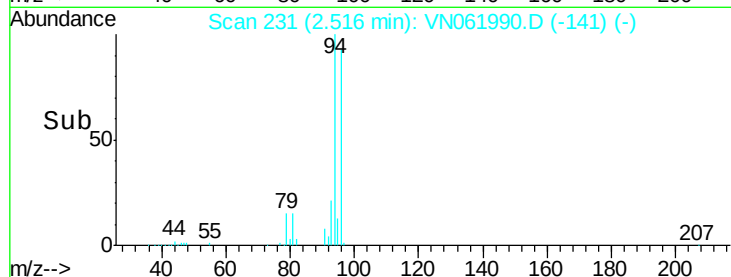


Abundance Ion 93.90 (93.60 to 94.60): VN061834.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061834.D (-218) (-)

2.52

Time-->



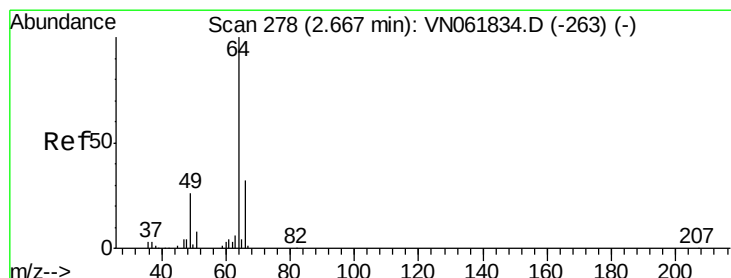
Abundance

Ion 93.90 (93.60 to 94.60): VN061990.D (-141) (-)

Ion 95.90 (95.60 to 96.60): VN061990.D (-141) (-)

2.52

Time-->



#6

Chloroethane

Concen: 46.463 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN061990.D

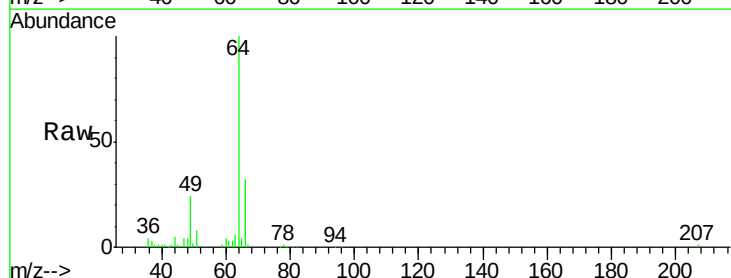
Acq: 22 Jun 2020 11:02

Tgt Ion: 64 Resp: 89229

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.2

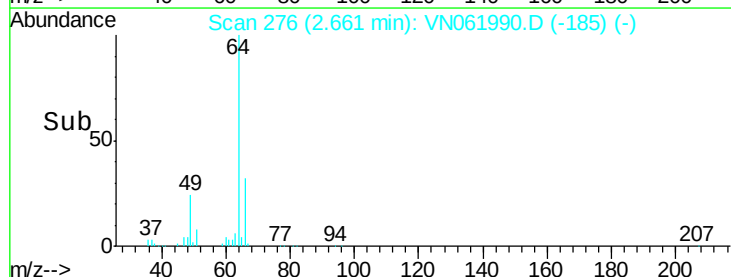


Abundance Ion 63.90 (63.60 to 64.60): VN061834.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061834.D (-263) (-)

2.66

Time-->



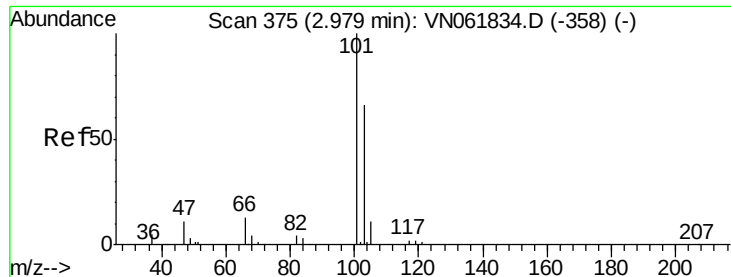
Abundance

Ion 63.90 (63.60 to 64.60): VN061990.D (-185) (-)

Ion 65.90 (65.60 to 66.60): VN061990.D (-185) (-)

2.66

Time-->

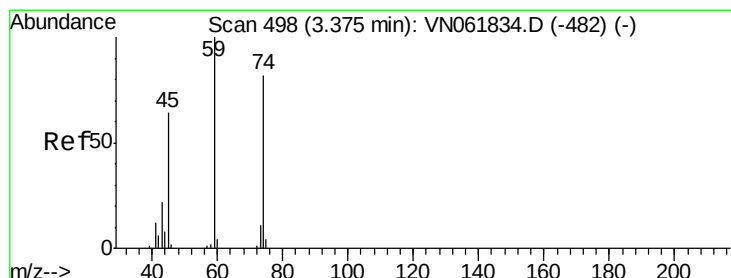
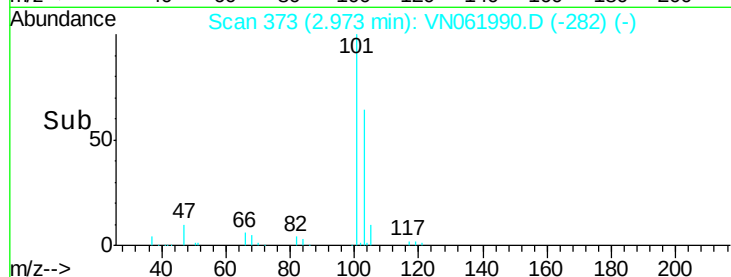
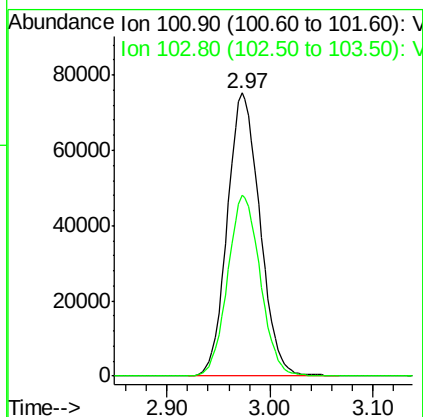
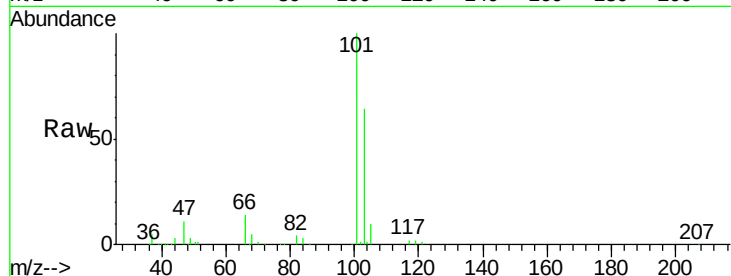


#7

Trichlorofluoromethane
Concen: 48.849 ug/l
RT: 2.97 min Scan# 373
Delta R.T. -0.01 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

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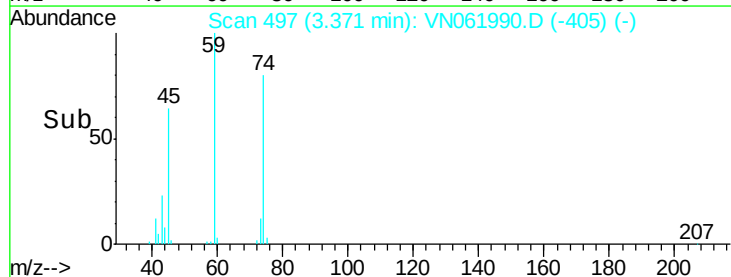
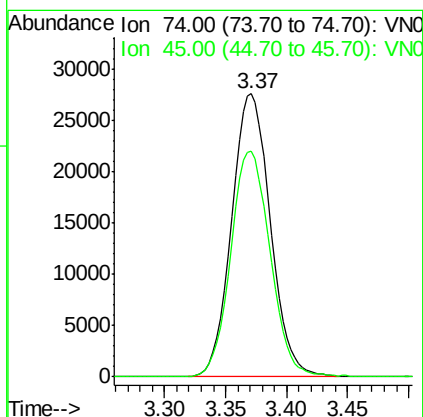
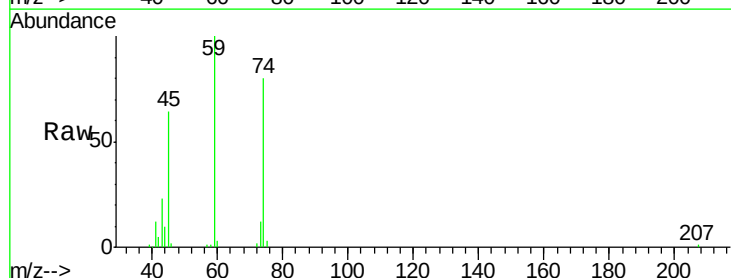
Tgt Ion:101 Resp: 165573
Ion Ratio Lower Upper
101 100
103 63.8 52.8 79.2

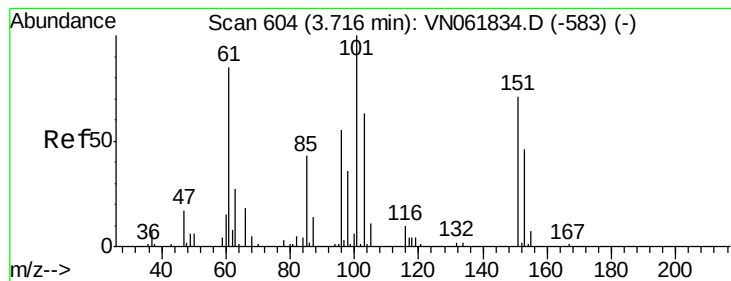


#8

Diethyl Ether
Concen: 53.207 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion: 74 Resp: 60628
Ion Ratio Lower Upper
74 100
45 81.4 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.911 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

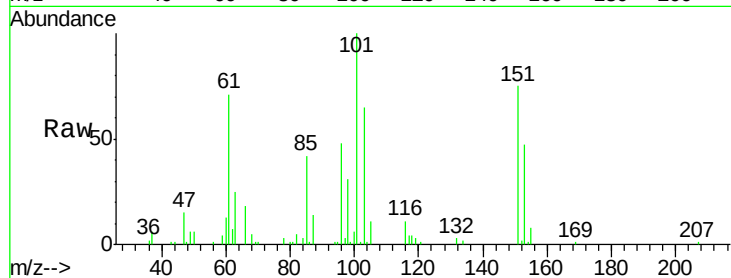
Tgt Ion:101 Resp: 86790

Ion Ratio Lower Upper

101 100

85 43.8 35.0 52.6

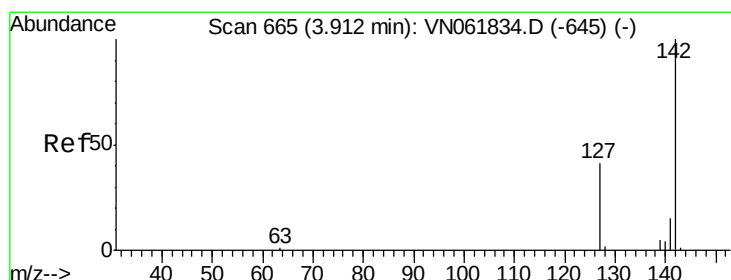
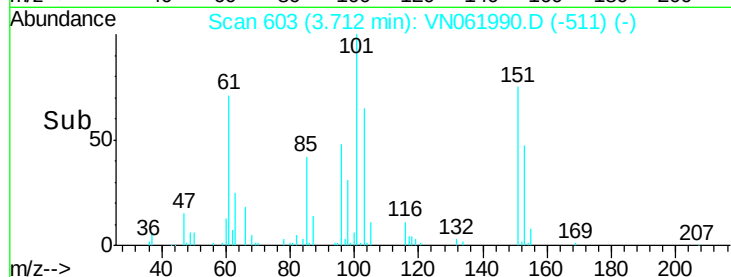
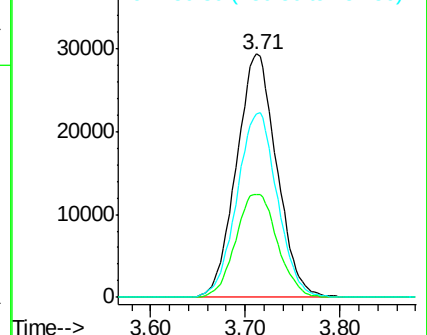
151 76.1 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.835 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.01 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

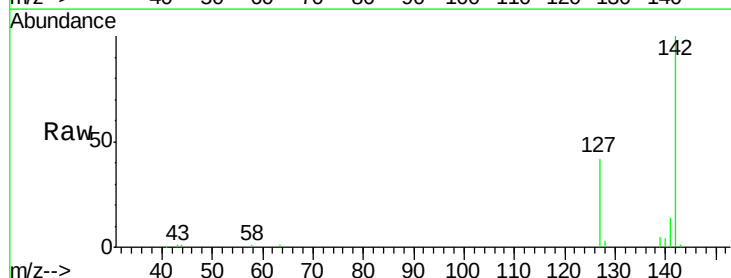
Tgt Ion:142 Resp: 104545

Ion Ratio Lower Upper

142 100

127 41.6 33.4 50.0

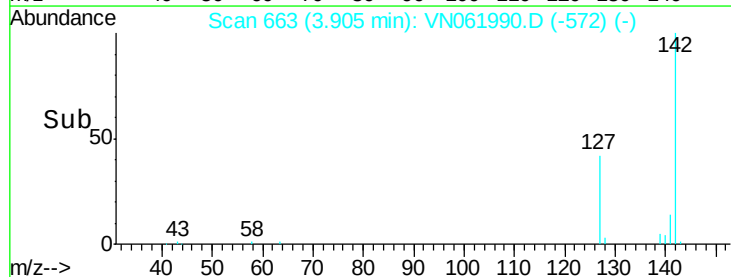
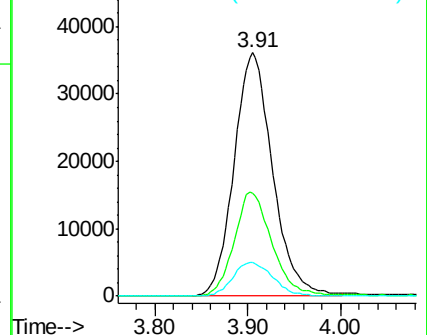
141 14.3 11.3 16.9

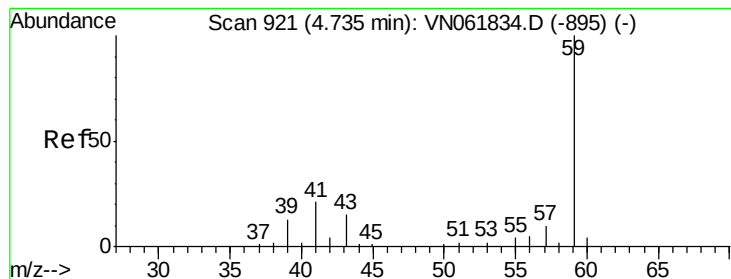


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



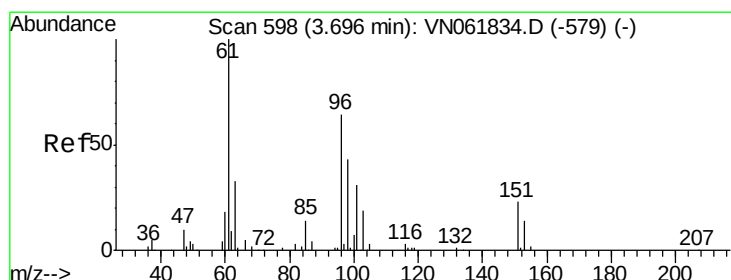
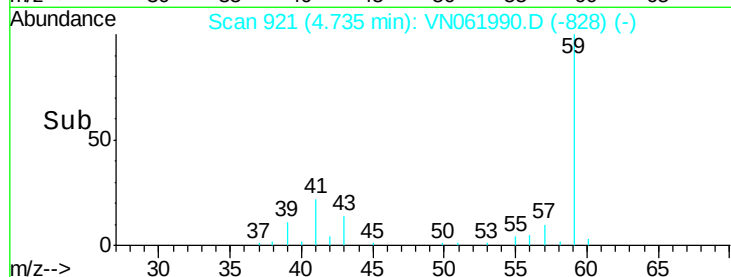
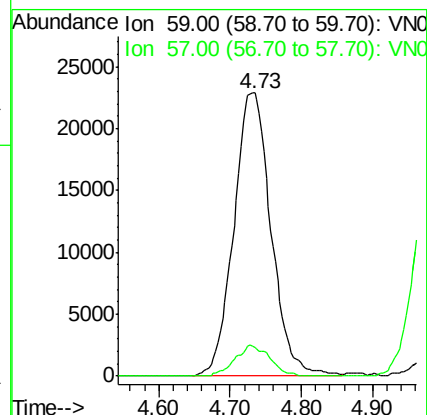
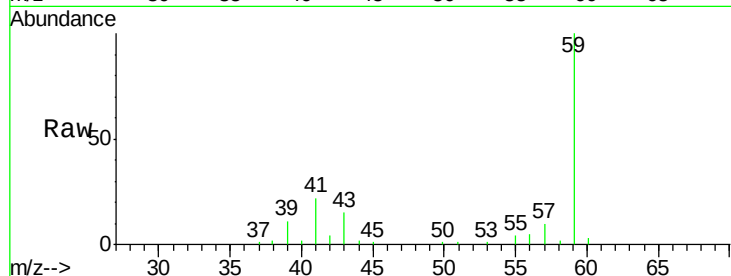


#11

Tert butyl alcohol
 Concen: 261.514 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

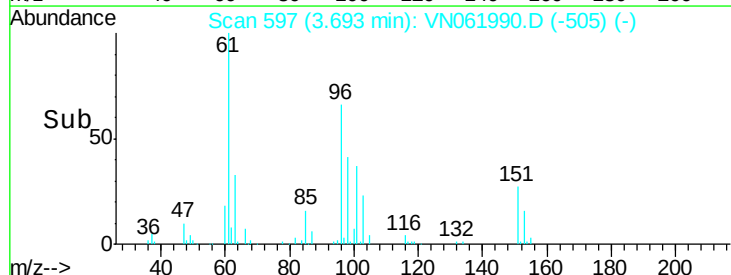
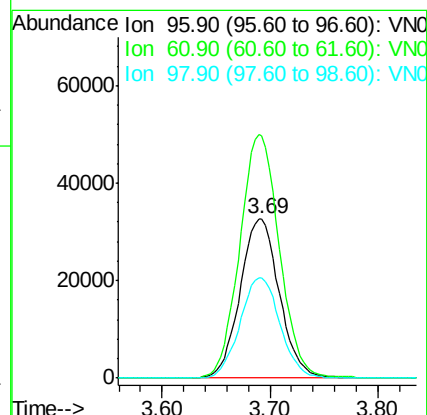
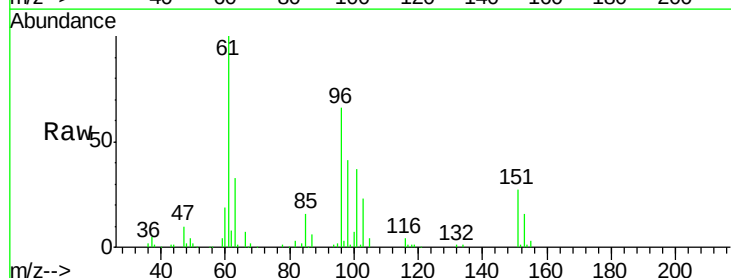
Tgt Ion: 59 Resp: 83227
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.7 11.5

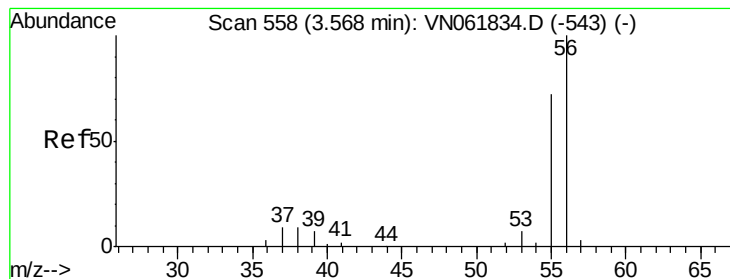


#12

1,1-Dichloroethene
 Concen: 47.536 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

Tgt Ion: 96 Resp: 82824
 Ion Ratio Lower Upper
 96 100
 61 151.8 124.3 186.5
 98 62.7 53.1 79.7





#13

Acrolein

Concen: 338.746 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.01 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

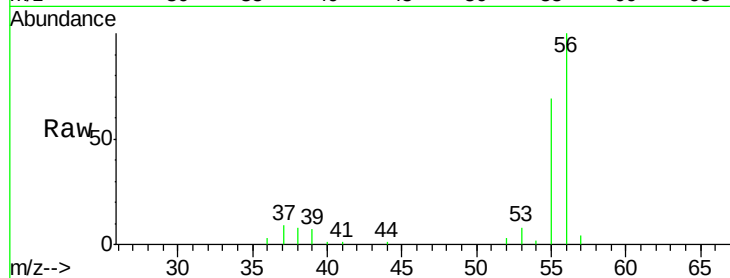
VSTDCCC050

Tgt Ion: 56 Resp: 64433

Ion Ratio Lower Upper

56 100

55 70.2 56.2 84.4

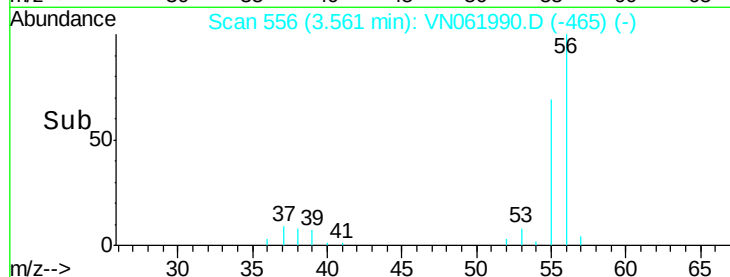


Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061834.D (-543) (-)

3.56

Time-->



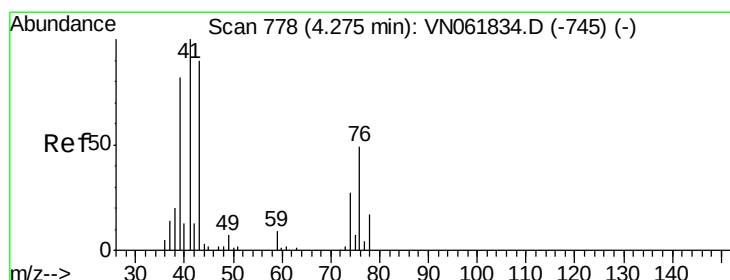
Abundance

Ion 56.00 (55.70 to 56.70): VN061990.D (-465) (-)

Ion 55.00 (54.70 to 55.70): VN061990.D (-465) (-)

3.56

Time-->



#14

Allyl chloride

Concen: 51.496 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

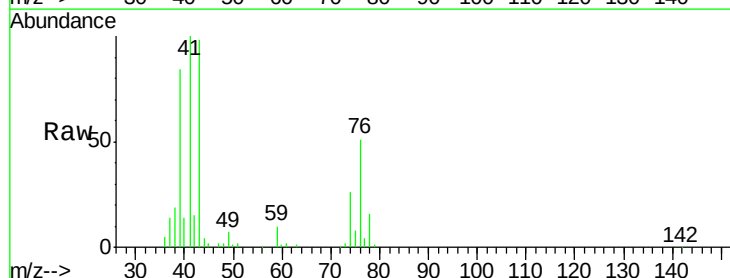
Tgt Ion: 41 Resp: 119083

Ion Ratio Lower Upper

41 100

39 75.5 60.2 90.2

76 44.4 36.3 54.5



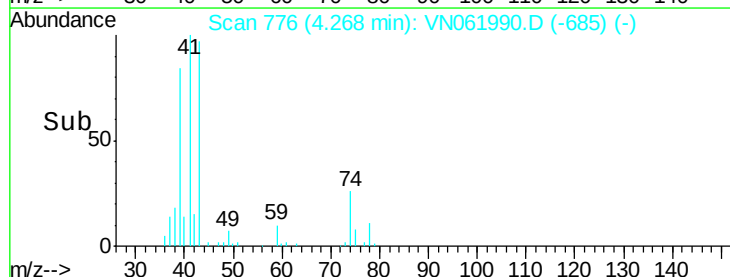
Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)

4.27

Time-->



Abundance

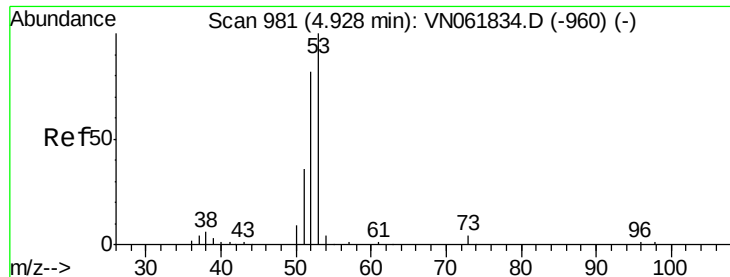
Ion 41.00 (40.70 to 41.70): VN061990.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061990.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061990.D (-685) (-)

4.27

Time-->



#15

Acrylonitrile

Concen: 283.378 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

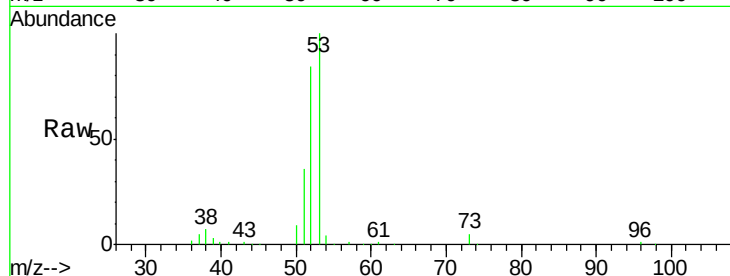
Tgt Ion: 53 Resp: 223465

Ion Ratio Lower Upper

53 100

52 83.2 65.2 97.8

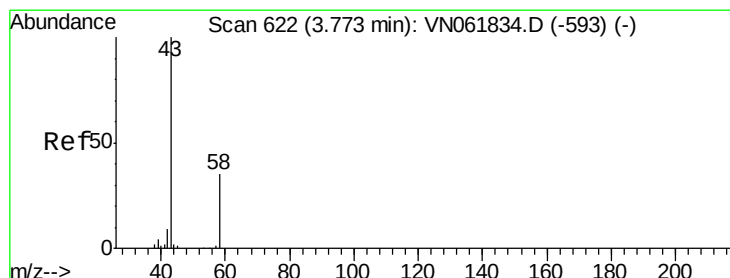
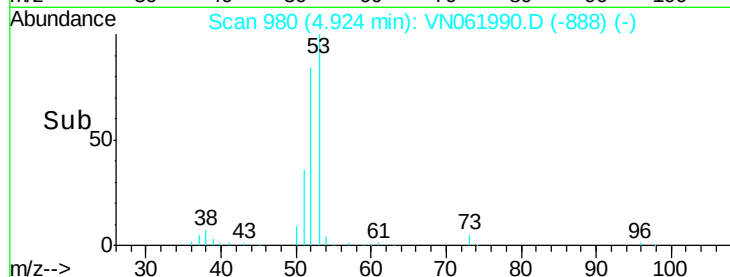
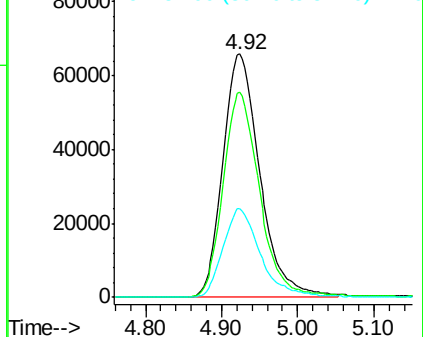
51 37.0 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 275.483 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061990.D

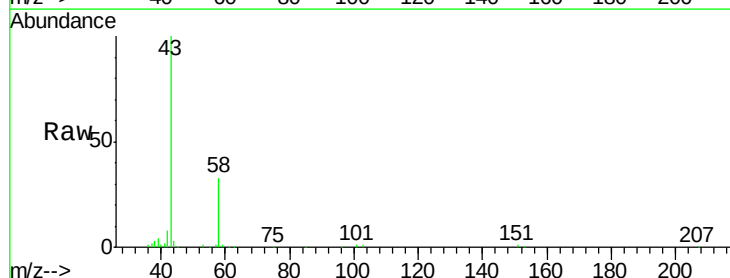
Acq: 22 Jun 2020 11:02

Tgt Ion: 43 Resp: 187144

Ion Ratio Lower Upper

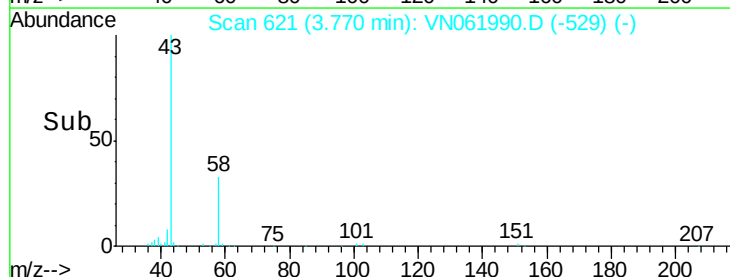
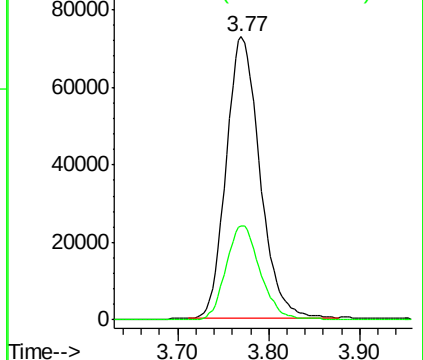
43 100

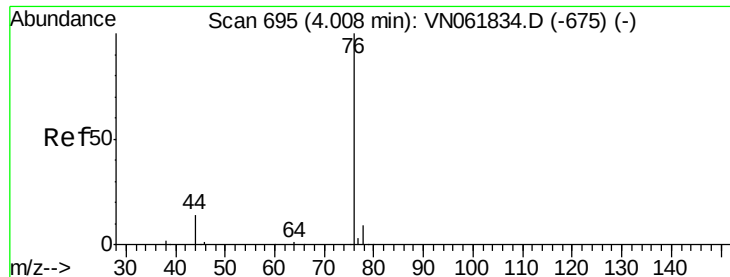
58 33.5 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 39.128 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

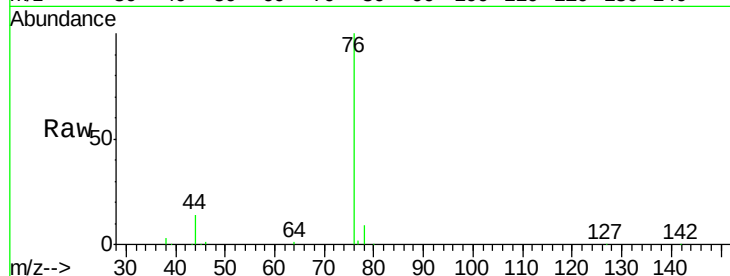
VSTDCCC050

Tgt Ion: 76 Resp: 199479

Ion Ratio Lower Upper

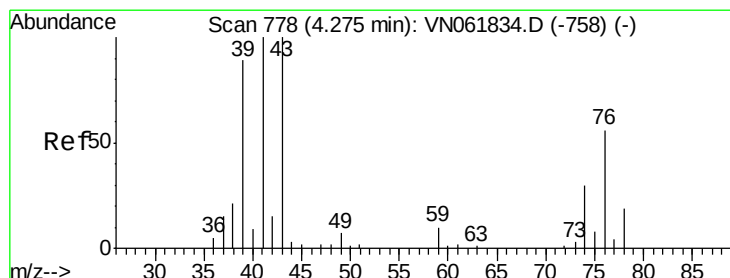
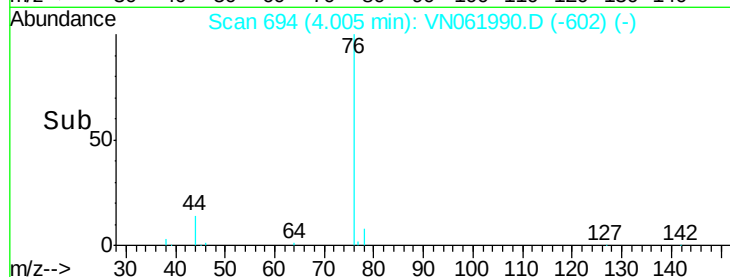
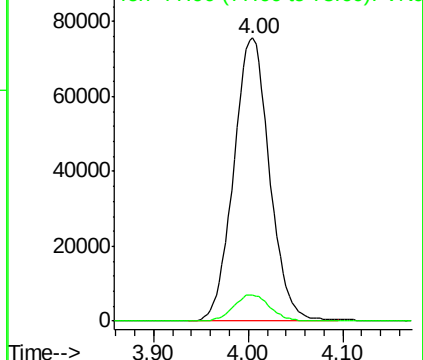
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 54.083 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061990.D

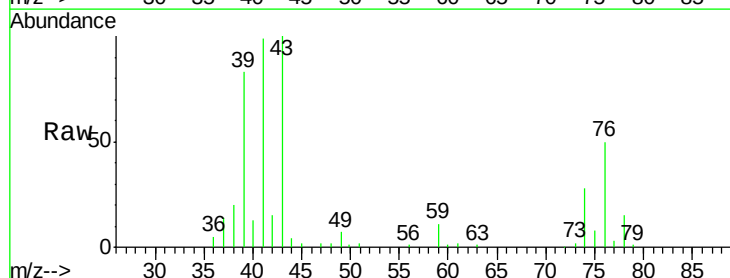
Acq: 22 Jun 2020 11:02

Tgt Ion: 43 Resp: 105776

Ion Ratio Lower Upper

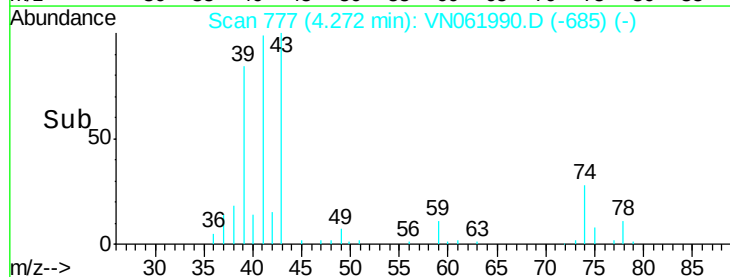
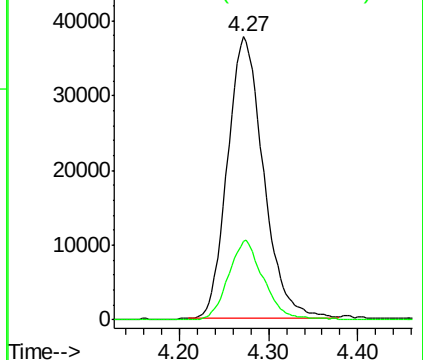
43 100

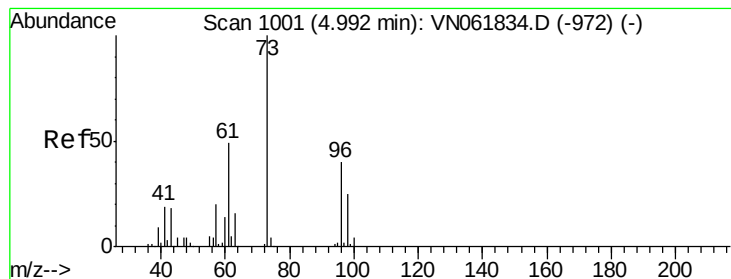
74 27.6 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC





#19

Methyl tert-butyl Ether

Concen: 53.659 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.01 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

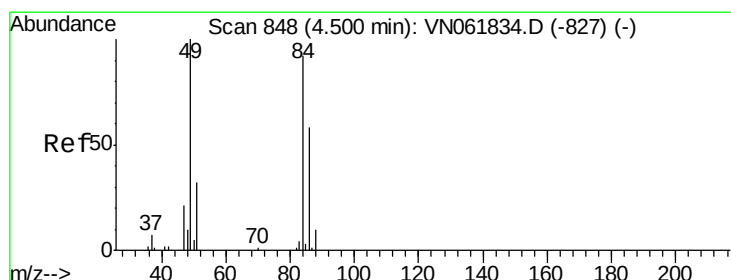
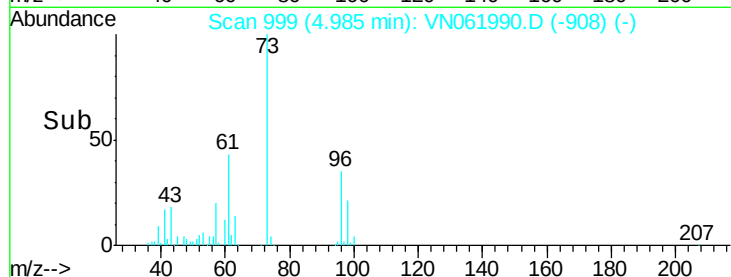
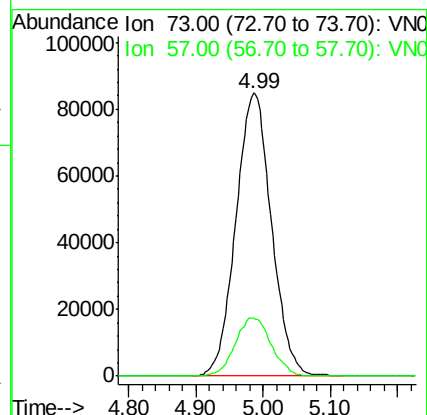
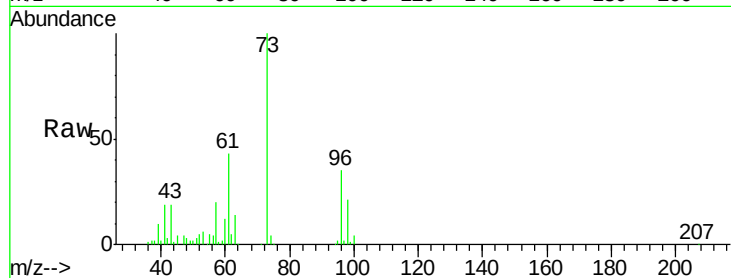
VSTDCCC050

Tgt Ion: 73 Resp: 311292

Ion Ratio Lower Upper

73 100

57 20.4 16.2 24.4



#20

Methylene Chloride

Concen: 47.580 ug/l

RT: 4.50 min Scan# 847

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Tgt Ion: 84 Resp: 105306

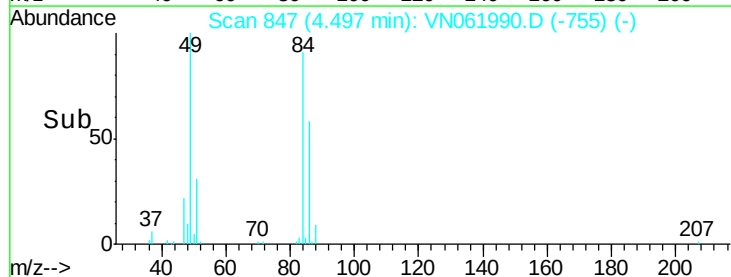
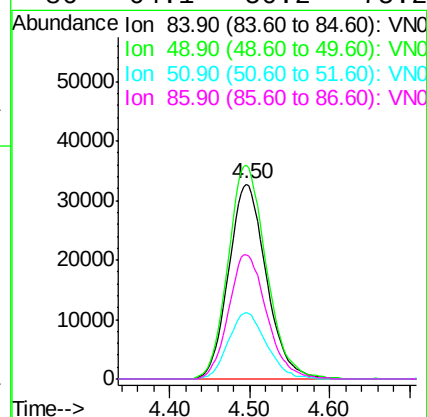
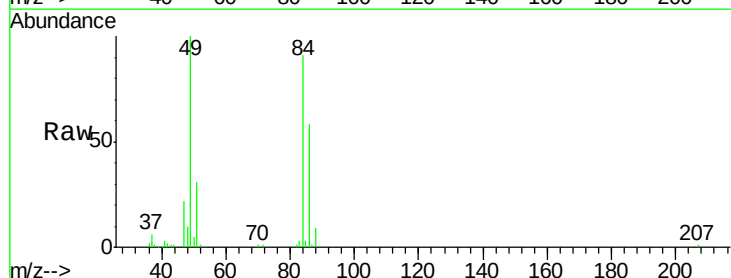
Ion Ratio Lower Upper

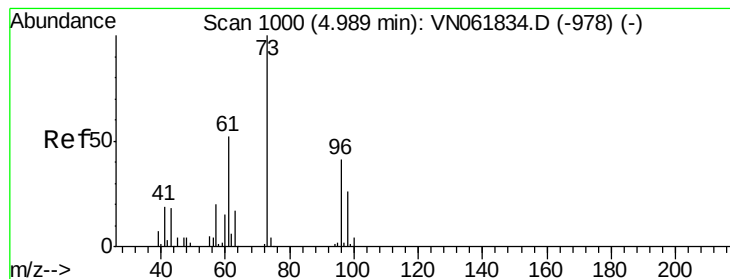
84 100

49 109.7 87.0 130.4

51 34.1 27.8 41.6

86 64.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 46.624 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

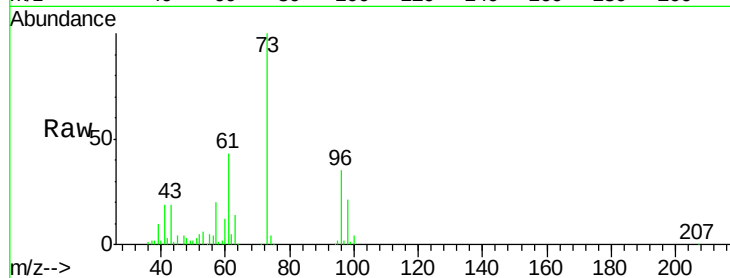
Tgt Ion: 96 Resp: 93309

Ion Ratio Lower Upper

96 100

61 123.3 102.2 153.4

98 62.1 51.2 76.8

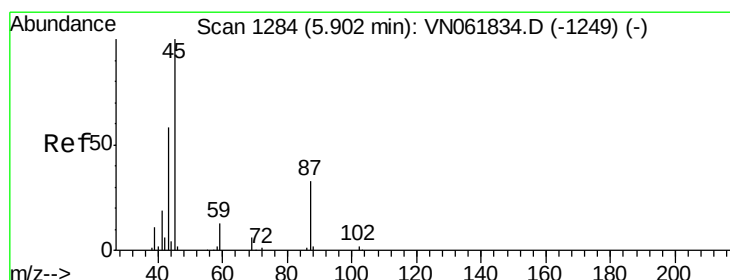
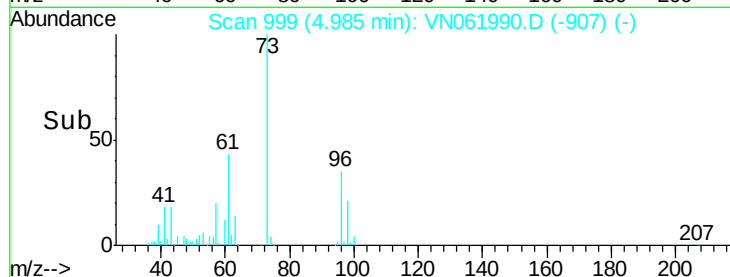
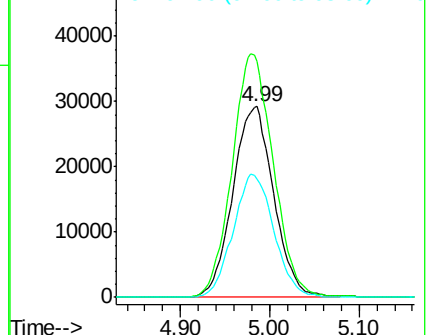


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 54.686 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Tgt Ion: 45 Resp: 289221

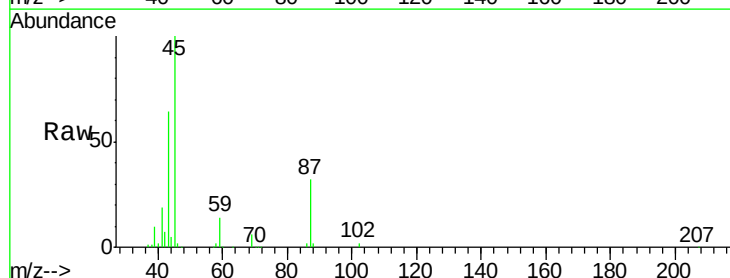
Ion Ratio Lower Upper

45 100

43 63.0 49.4 74.2

87 32.4 27.4 41.0

59 13.3 10.6 15.8



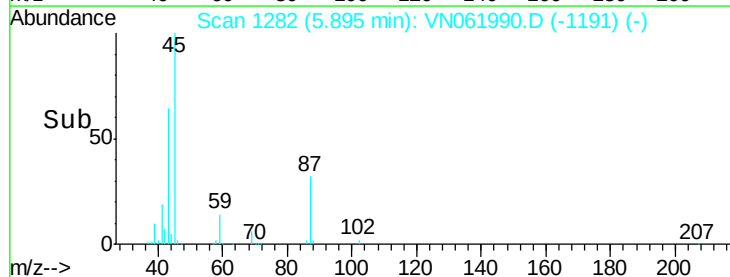
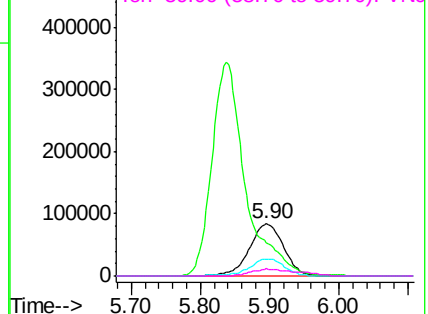
Abundance

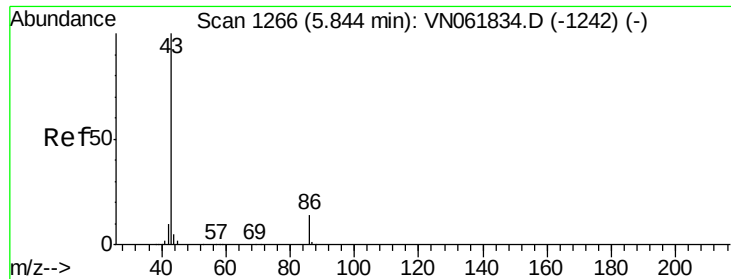
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 276.972 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

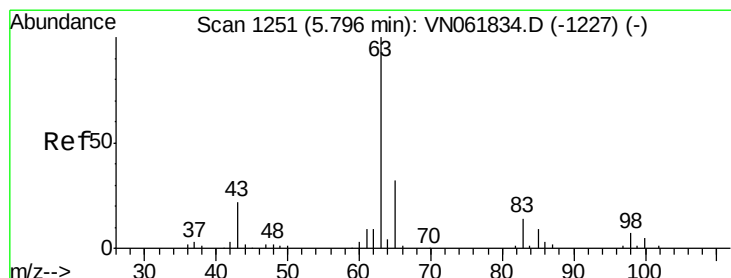
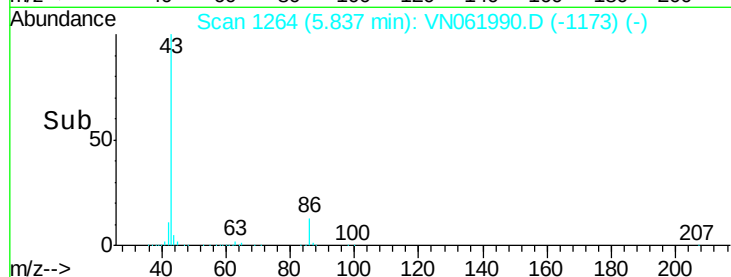
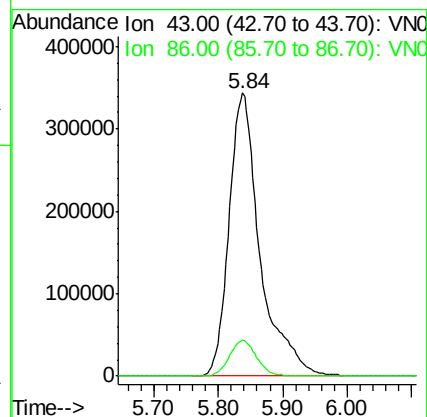
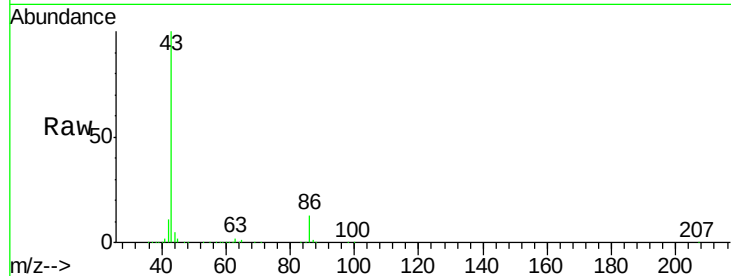
VSTDCCC050

Tgt Ion: 43 Resp: 1152101

Ion Ratio Lower Upper

43 100

86 12.7 10.9 16.3



#24

1,1-Dichloroethane

Concen: 50.792 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

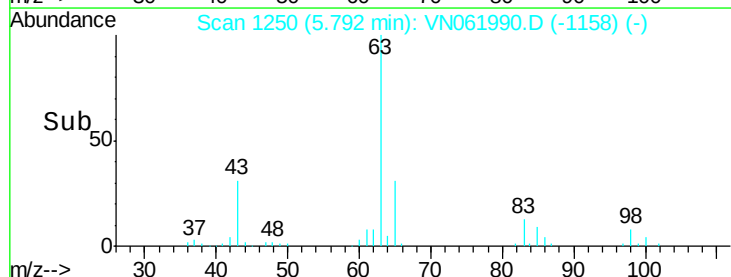
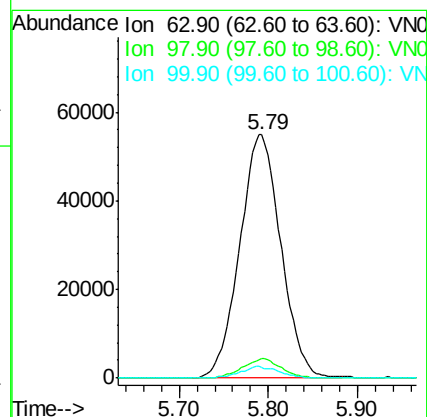
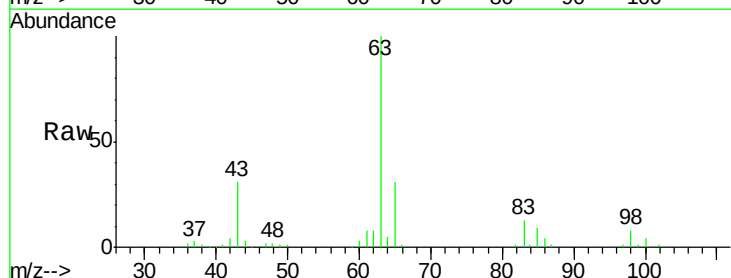
Tgt Ion: 63 Resp: 175848

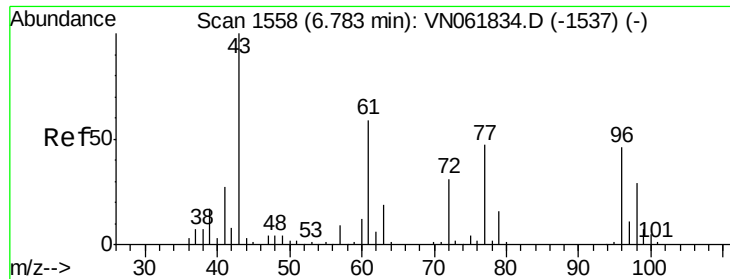
Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.4

100 4.4 2.5 7.4

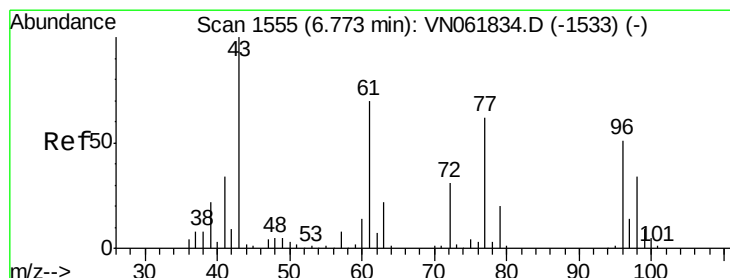
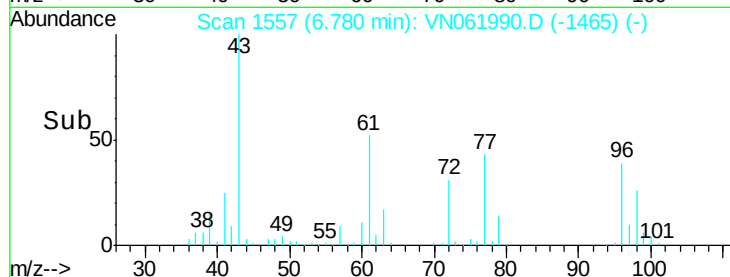
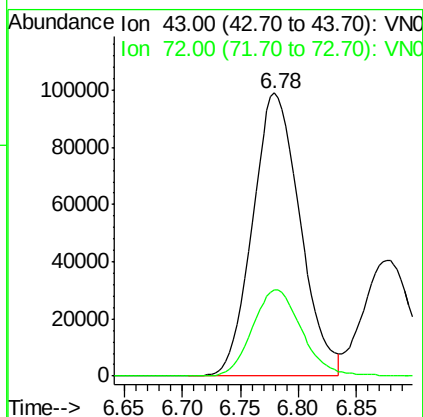
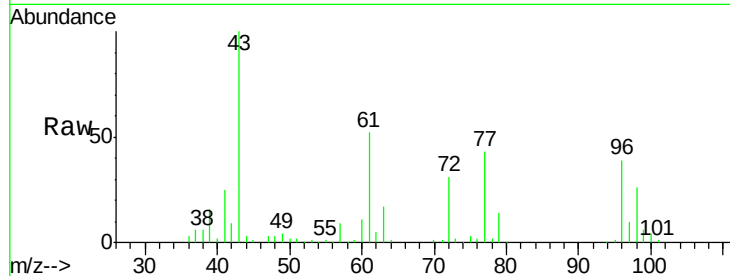




#25
2-Butanone
Concen: 284.619 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

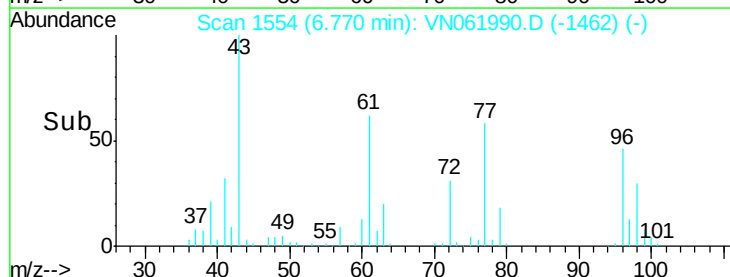
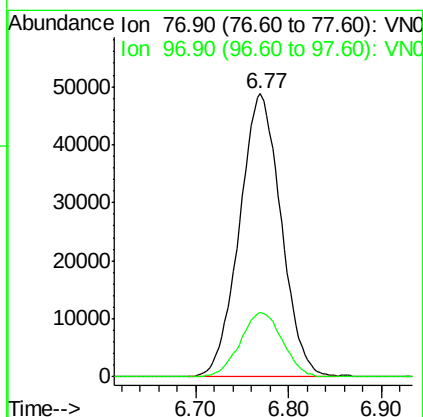
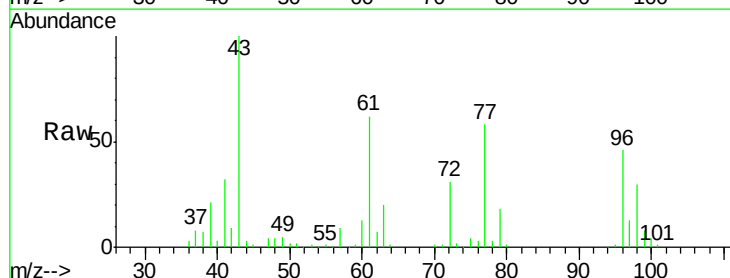
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

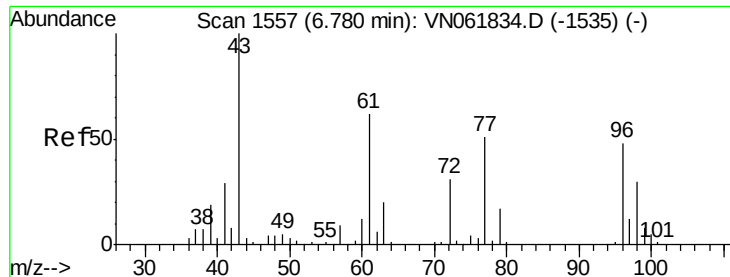
Tgt Ion: 43 Resp: 282099
Ion Ratio Lower Upper
43 100
72 30.6 24.6 37.0



#26
2,2-Dichloropropane
Concen: 52.116 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion: 77 Resp: 151802
Ion Ratio Lower Upper
77 100
97 23.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.118 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

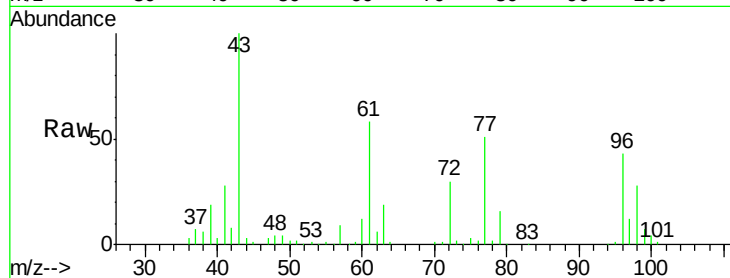
Tgt Ion: 96 Resp: 115731

Ion Ratio Lower Upper

96 100

61 136.4 0.0 265.6

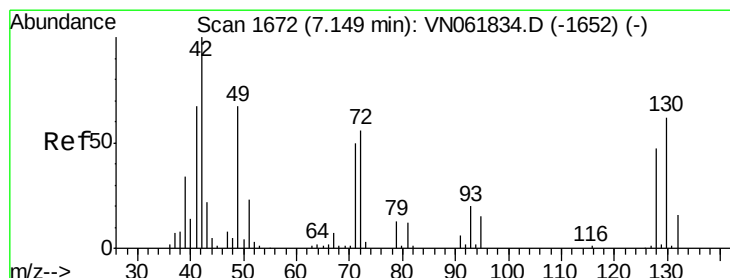
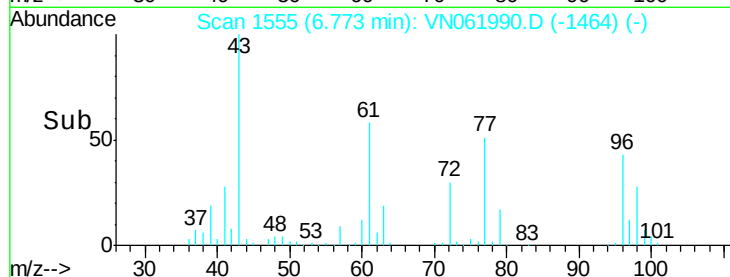
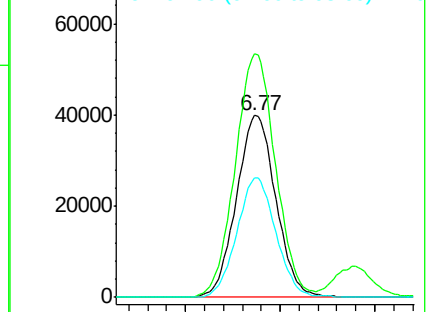
98 64.9 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1535) (-)



#28

Bromochloromethane

Concen: 56.496 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

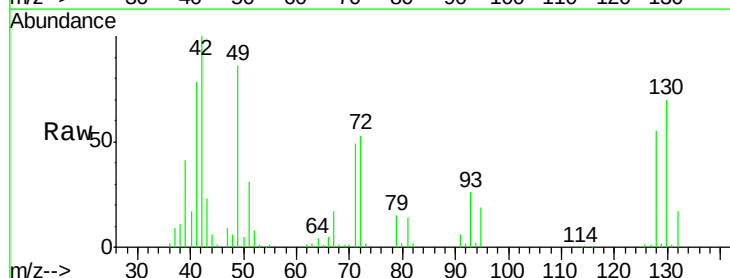
Tgt Ion: 49 Resp: 87088

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

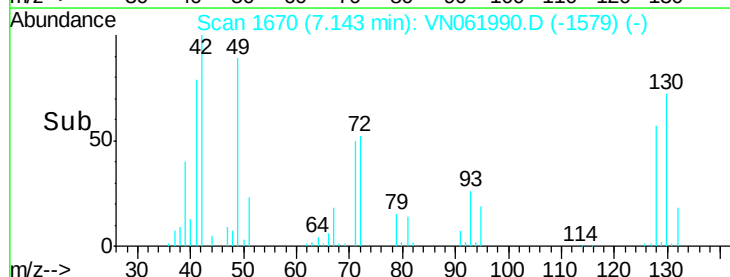
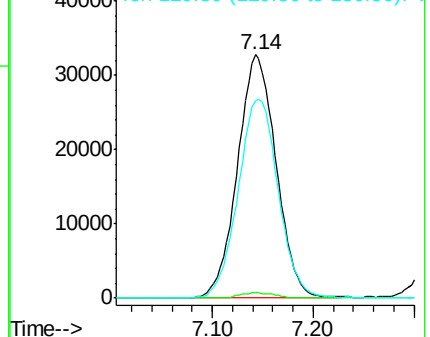
130 84.8 72.2 108.2

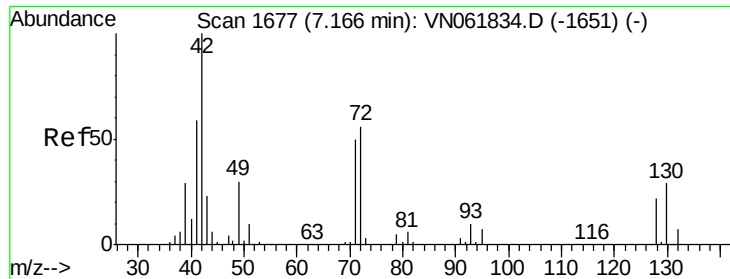


Abundance Ion 48.90 (48.60 to 49.60): VN061834.D (-1652) (-)

Ion 128.80 (128.50 to 129.50): VN061834.D (-1652) (-)

Ion 129.80 (129.50 to 130.50): VN061834.D (-1652) (-)

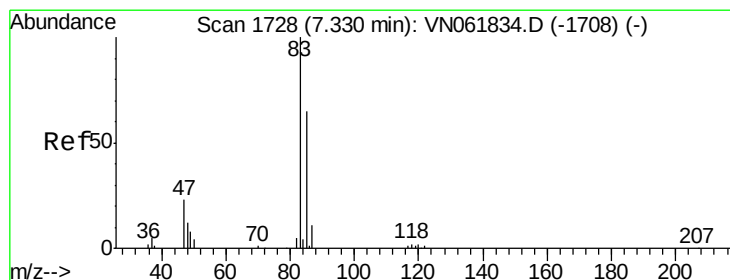
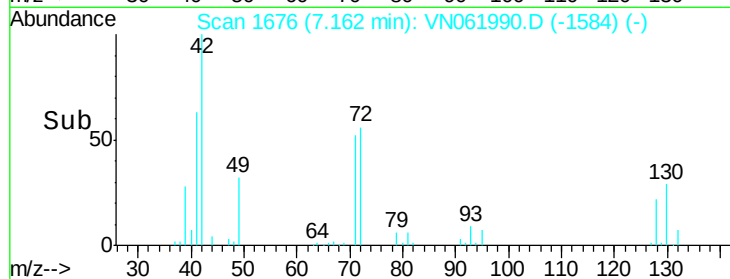
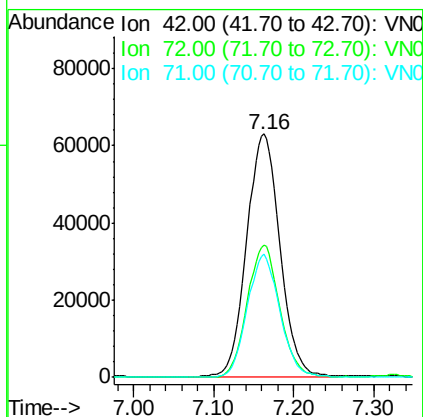
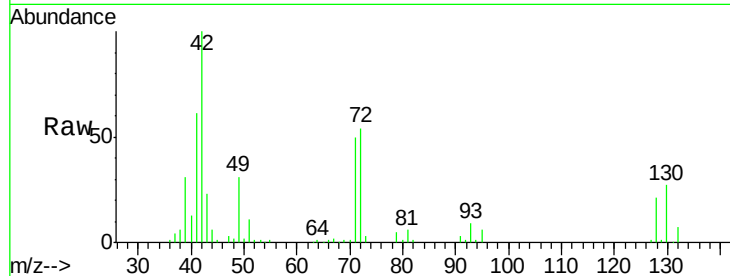




#29
Tetrahydrofuran
Concen: 275.903 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

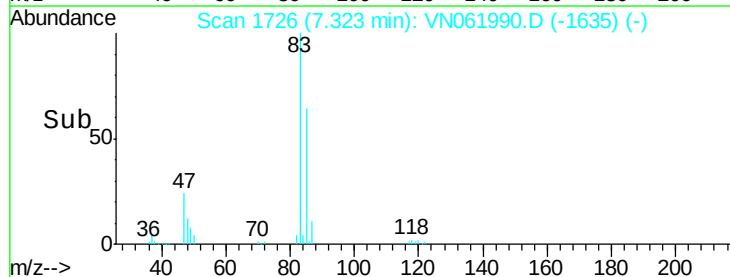
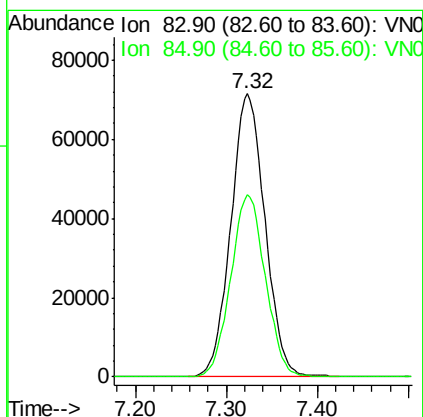
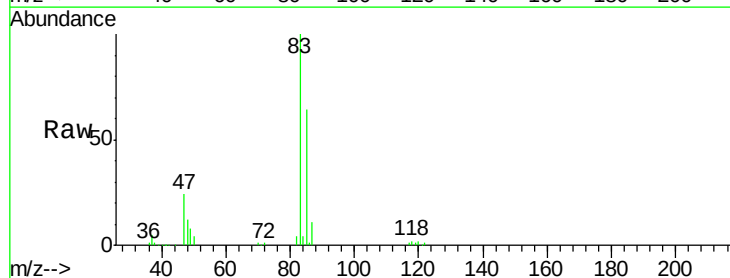
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

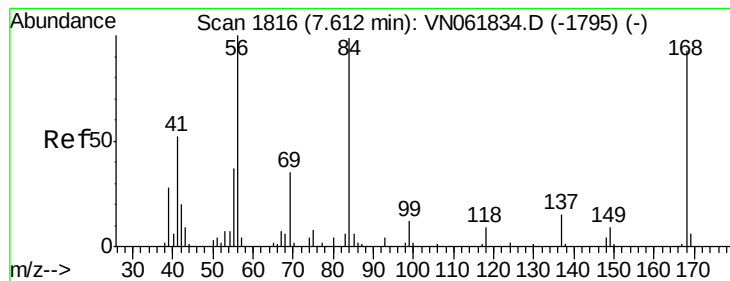
Tgt Ion: 42 Resp: 179966
Ion Ratio Lower Upper
42 100
72 52.7 44.0 66.0
71 49.2 40.0 60.0



#30
Chloroform
Concen: 50.425 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion: 83 Resp: 186575
Ion Ratio Lower Upper
83 100
85 64.3 52.0 78.0





#31

Cyclohexane

Concen: 44.269 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

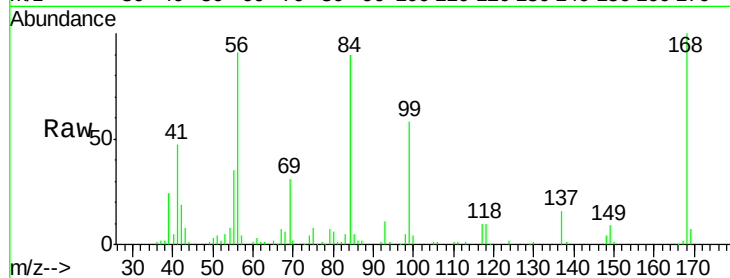
Tgt Ion: 56 Resp: 134168

Ion Ratio Lower Upper

56 100

69 34.0 27.7 41.5

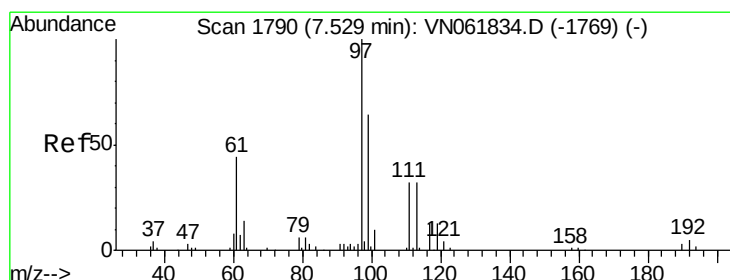
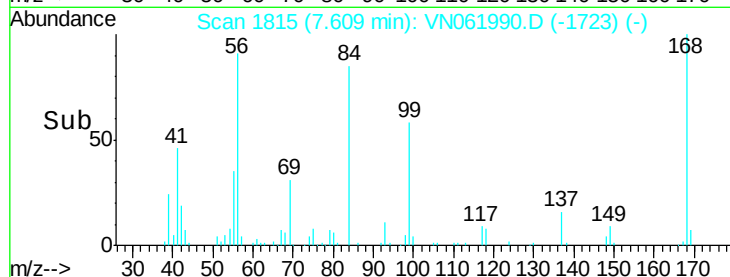
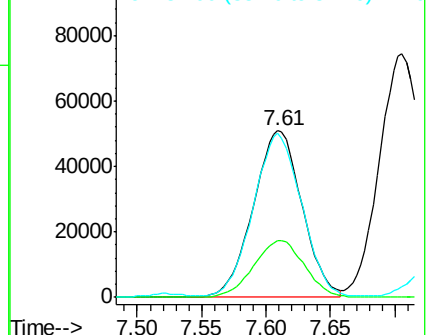
84 96.9 79.1 118.7



Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN061834.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN061834.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 49.102 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

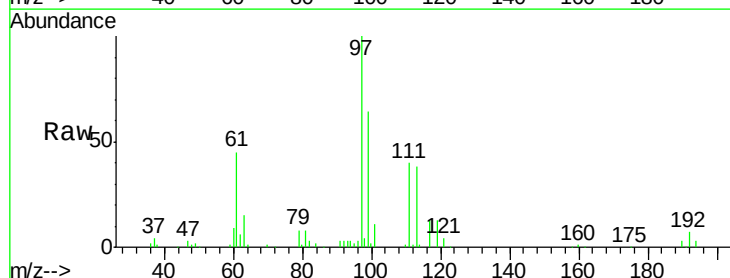
Tgt Ion: 97 Resp: 154726

Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

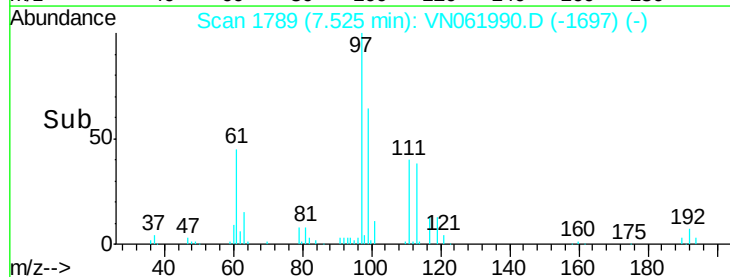
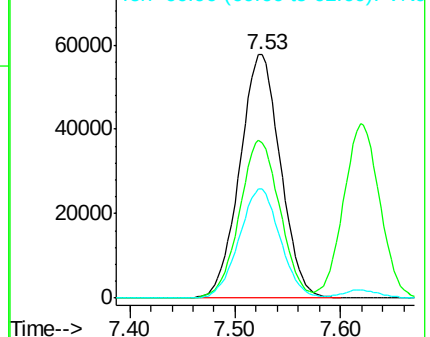
61 45.3 35.1 52.7

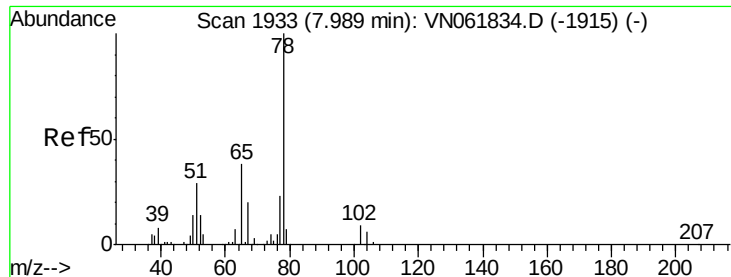


Abundance Ion 96.90 (96.60 to 97.60): VN061834.D (-1769) (-)

Ion 98.90 (98.60 to 99.60): VN061834.D (-1769) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-1769) (-)

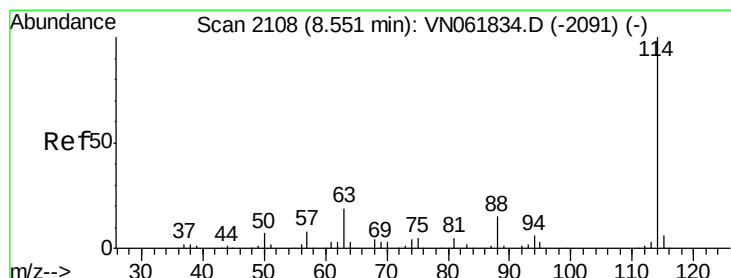
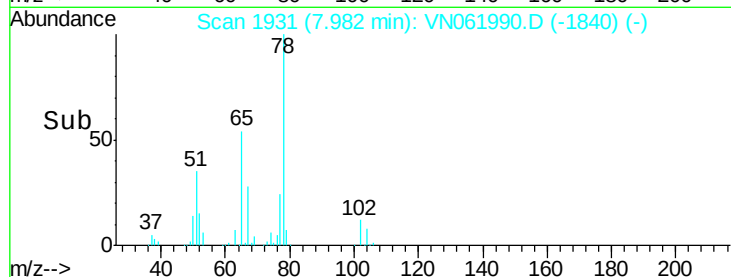
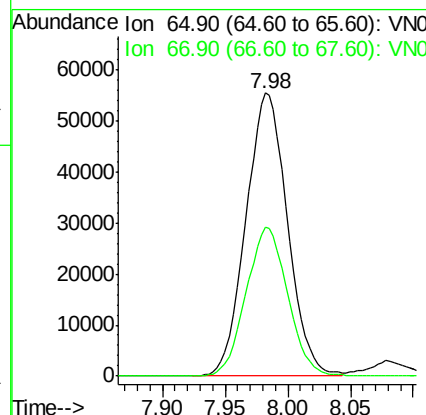
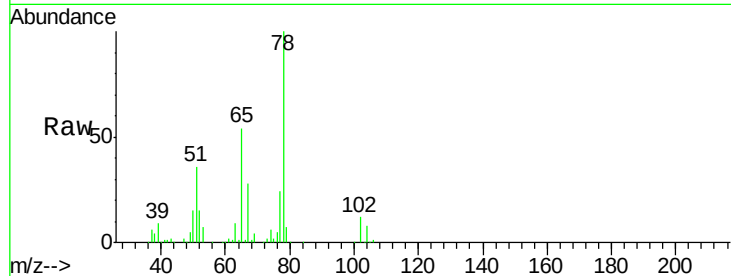




#33
 1,2-Dichloroethane-d4
 Concen: 55.664 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

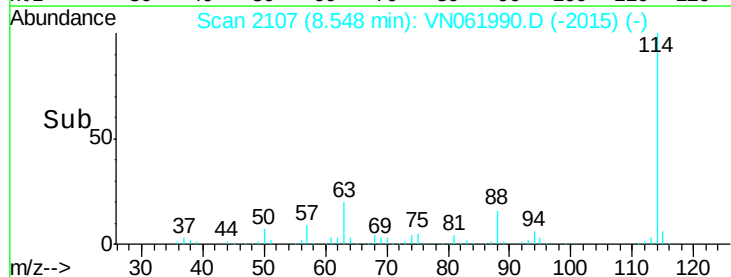
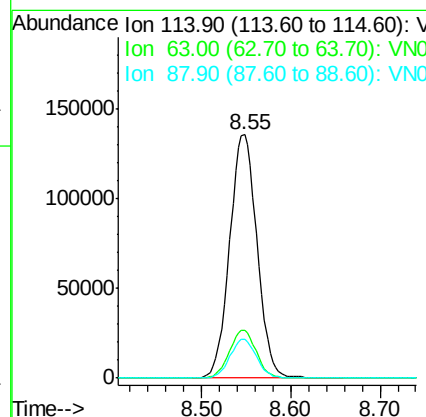
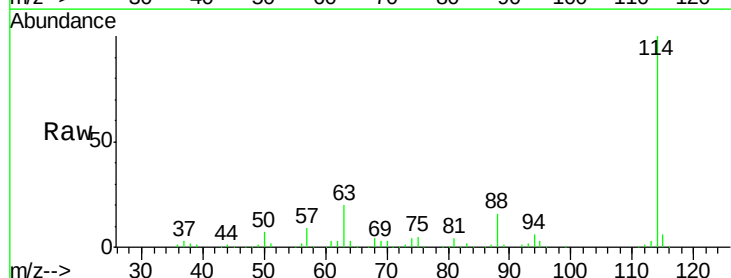
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

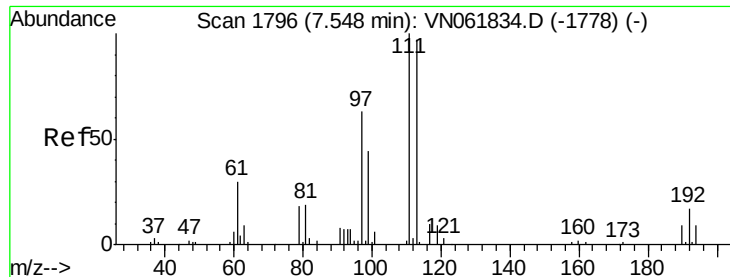
Tgt Ion: 65 Resp: 128019
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

Tgt Ion: 114 Resp: 288276
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.6
 88 15.8 0.0 31.0

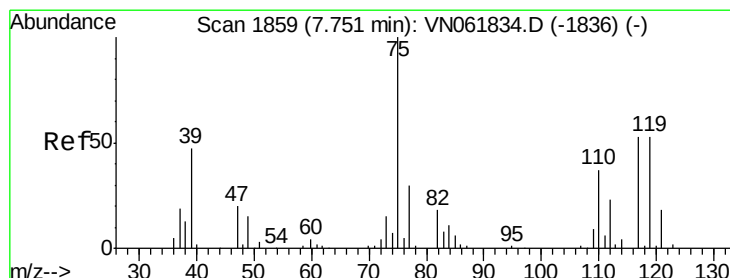
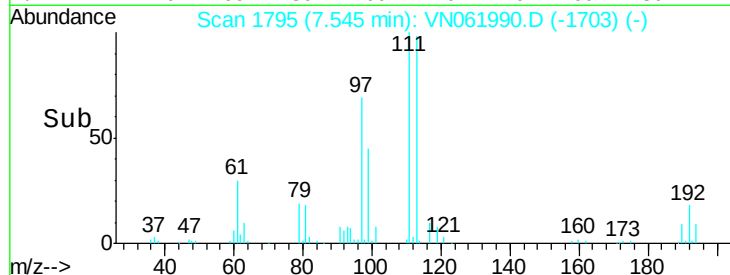
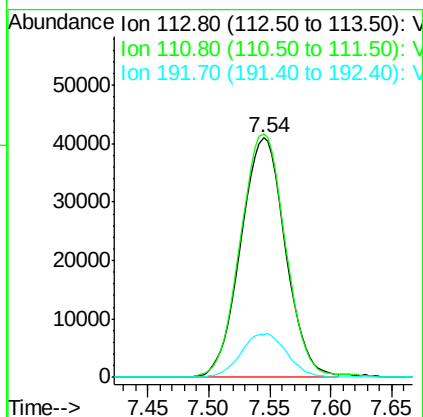
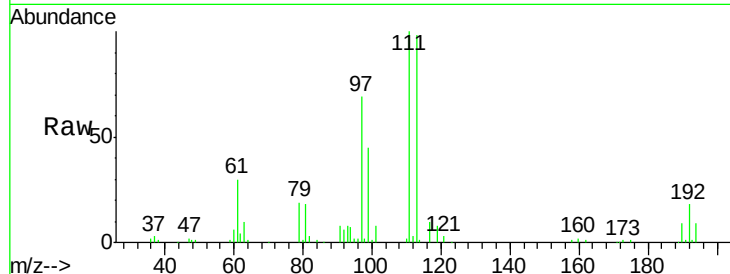




#35
 Dibromofluoromethane
 Concen: 56.300 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

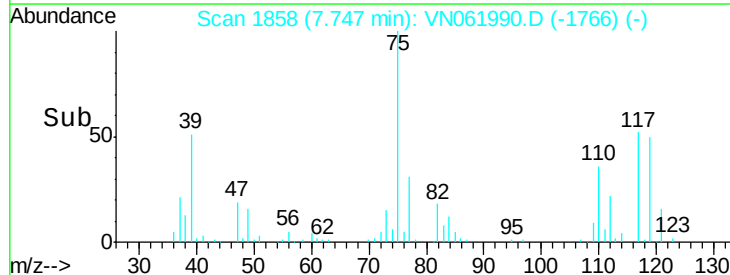
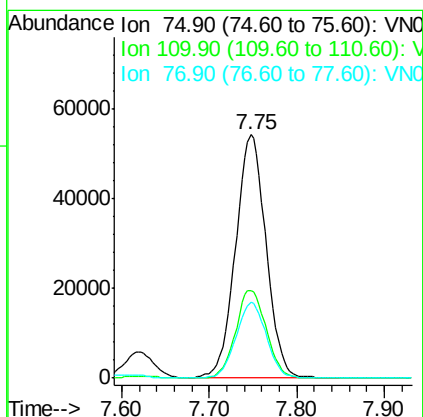
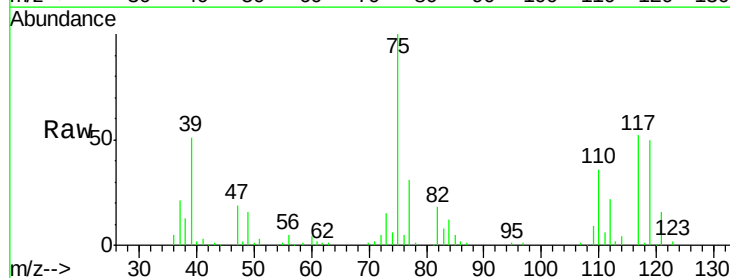
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

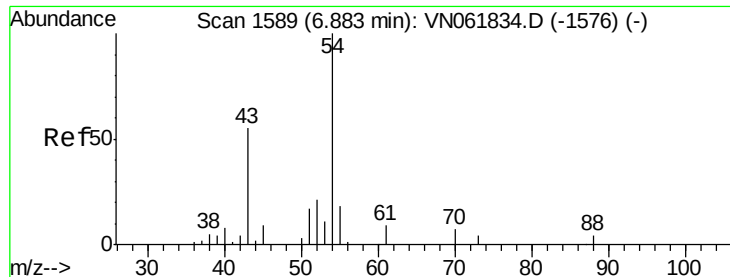
Tgt Ion: 113 Resp: 103831
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.7 125.5
 192 18.6 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 49.898 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

Tgt Ion: 75 Resp: 131201
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.2 54.6
 77 30.9 24.2 36.4

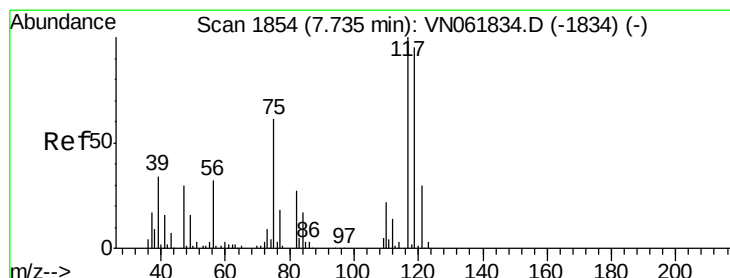
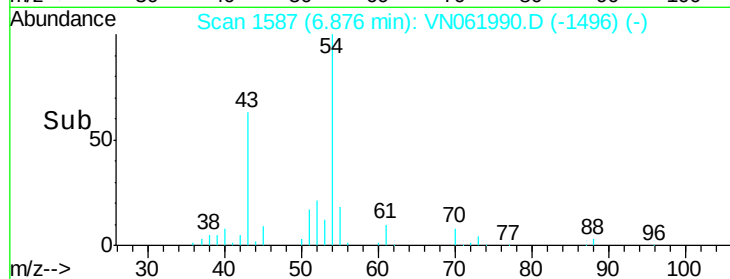
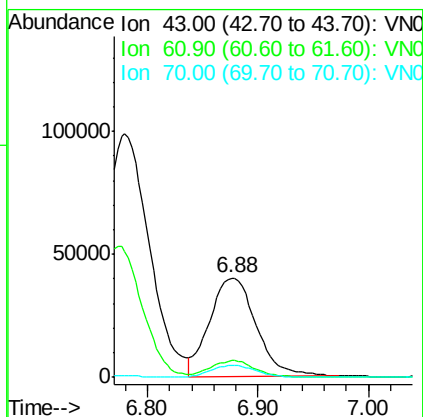
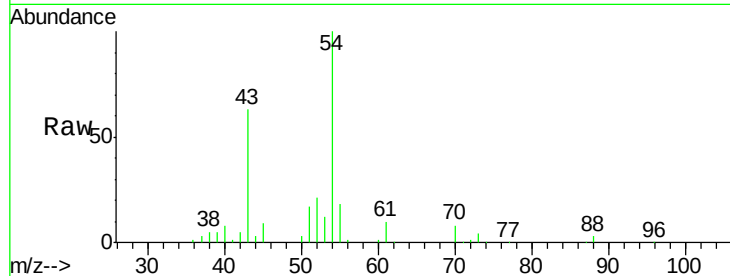




#37
Ethyl Acetate
Concen: 56.927 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

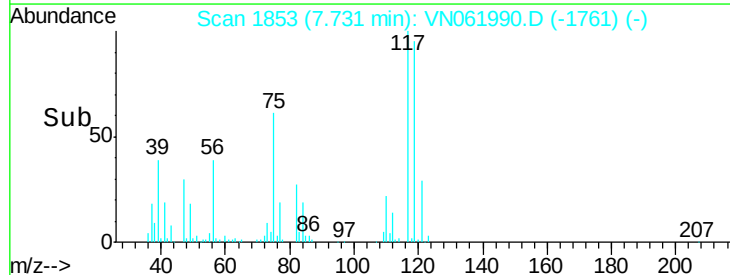
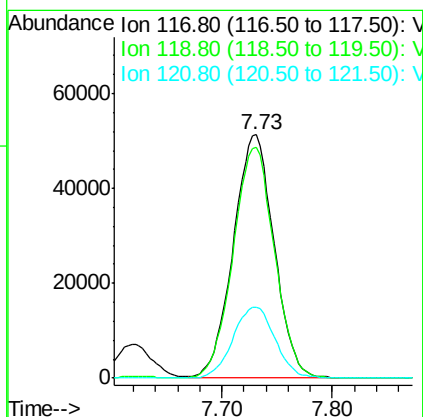
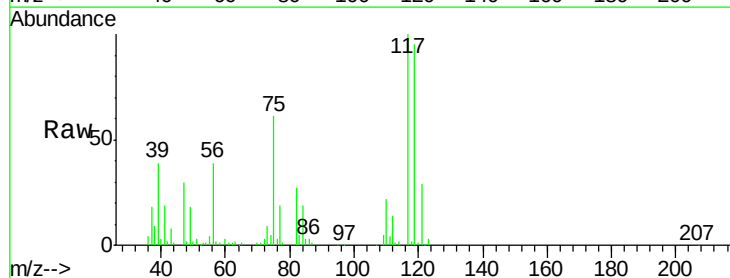
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

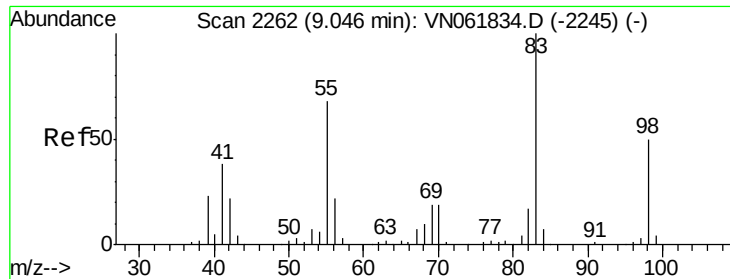
Tgt Ion: 43 Resp: 116889
Ion Ratio Lower Upper
43 100
61 16.8 13.0 19.4
70 11.9 9.4 14.2



#38
Carbon Tetrachloride
Concen: 50.497 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion: 117 Resp: 131485
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.6
121 29.3 23.8 35.6

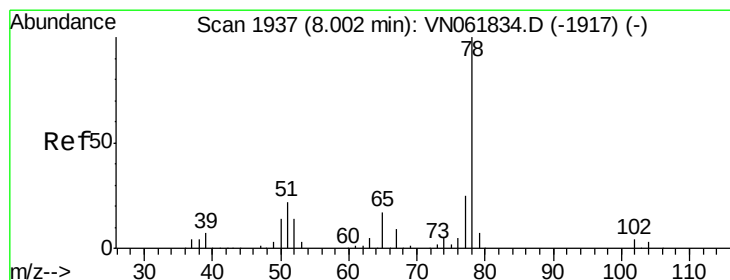
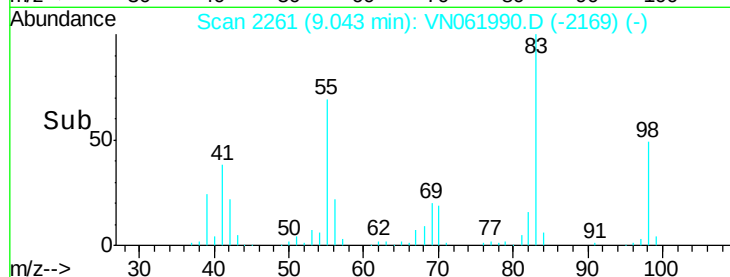
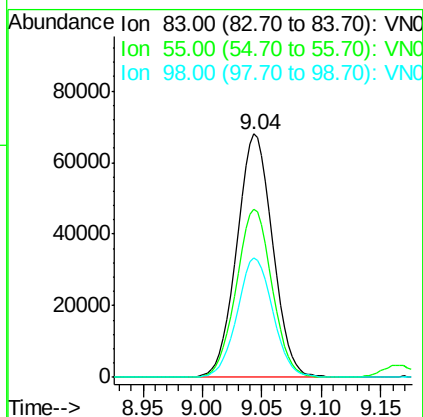
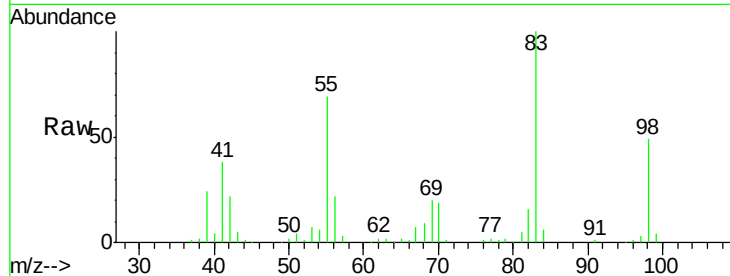




#39
Methylcyclohexane
Concen: 50.129 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

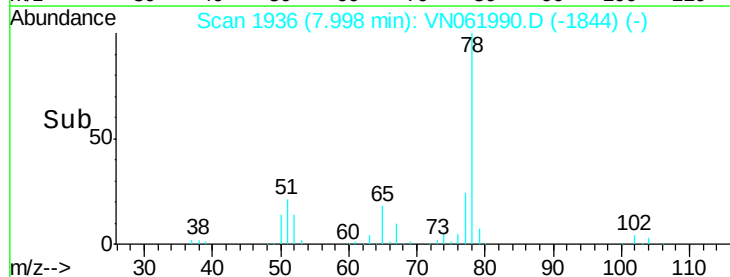
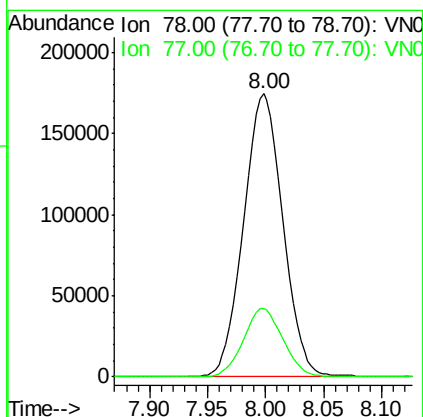
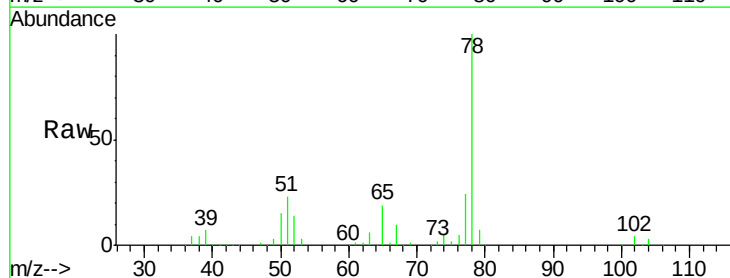
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

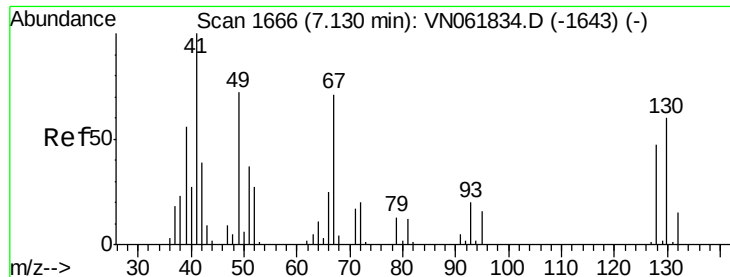
Tgt Ion: 83 Resp: 141930
Ion Ratio Lower Upper
83 100
55 69.0 54.2 81.4
98 49.0 39.8 59.6



#40
Benzene
Concen: 51.772 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion: 78 Resp: 412365
Ion Ratio Lower Upper
78 100
77 24.2 19.7 29.5

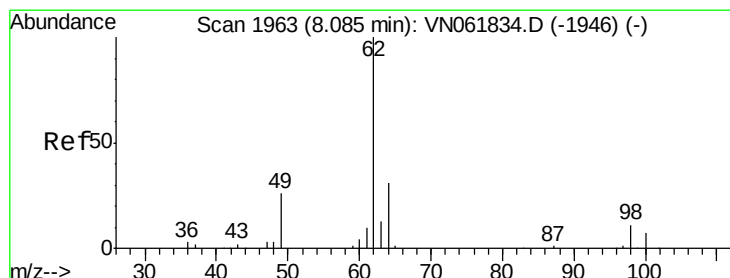
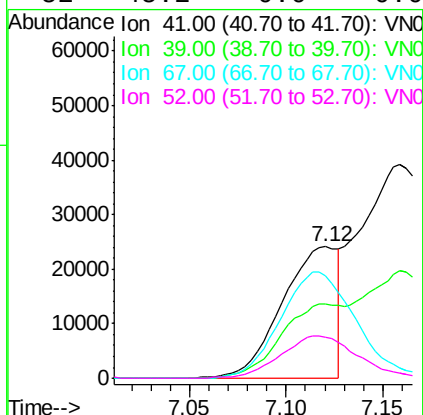
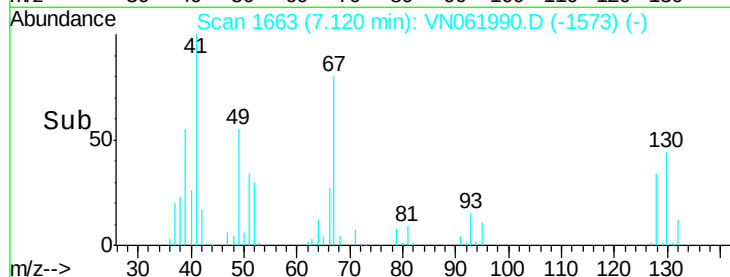
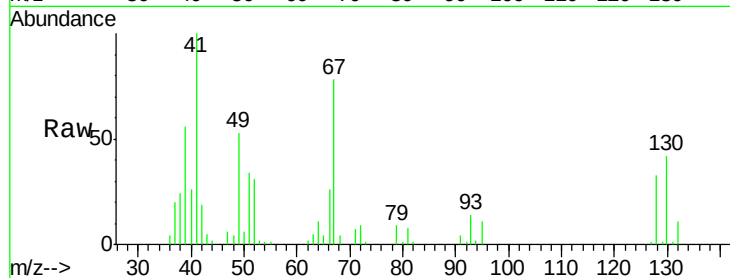




#41
Methacrylonitrile
Concen: 55.178 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

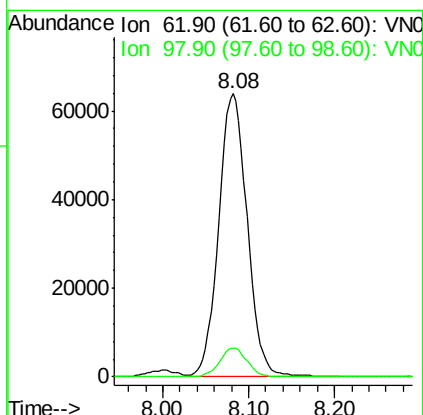
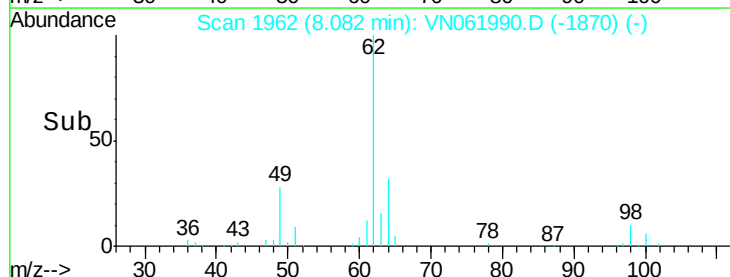
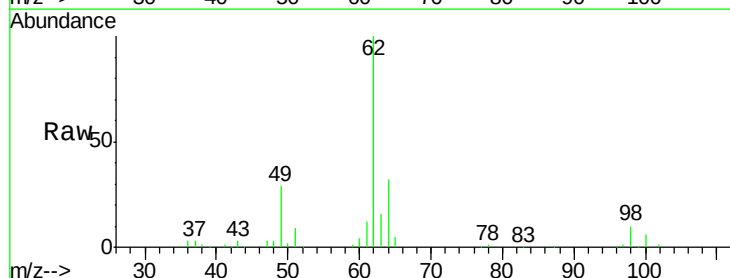
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

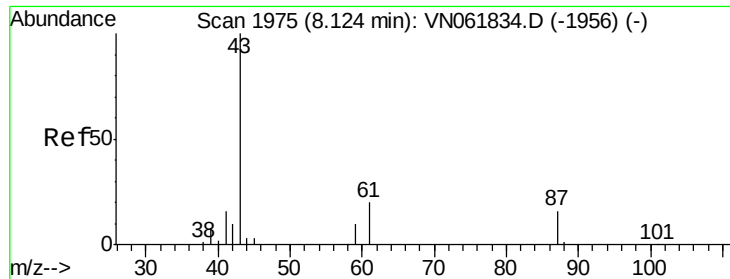
Tgt Ion: 41 Resp: 48447
Ion Ratio Lower Upper
41 100
39 62.4 0.0 0.0#
67 109.9 0.0 0.0#
52 45.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 54.313 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion: 62 Resp: 147506
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.4





#43

Isopropyl Acetate

Concen: 58.153 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

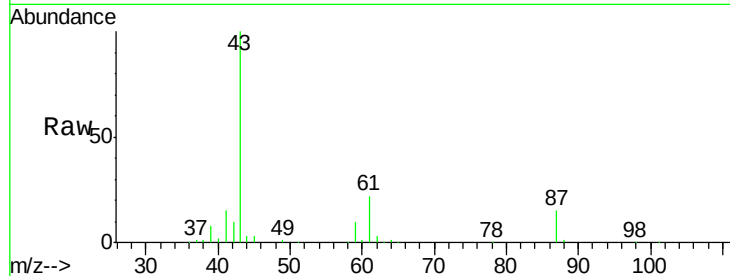
Tgt Ion: 43 Resp: 201229

Ion Ratio Lower Upper

43 100

61 22.5 24.0 36.0#

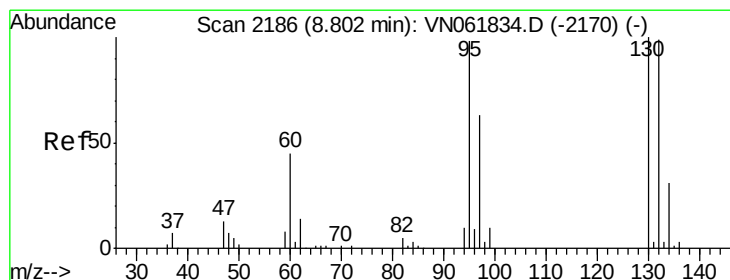
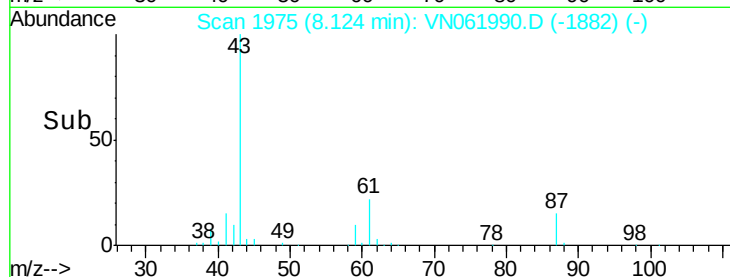
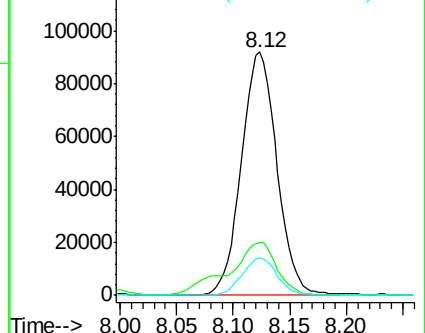
87 15.0 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)



#44

Trichloroethene

Concen: 50.331 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061990.D

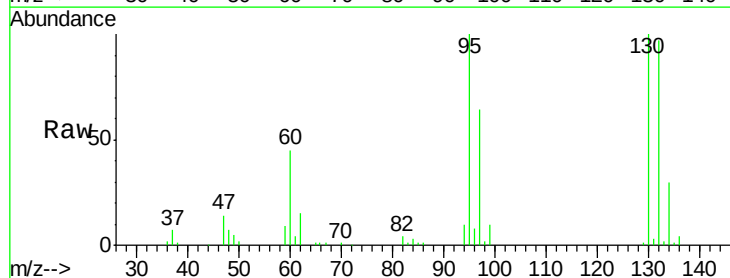
Acq: 22 Jun 2020 11:02

Tgt Ion: 130 Resp: 105503

Ion Ratio Lower Upper

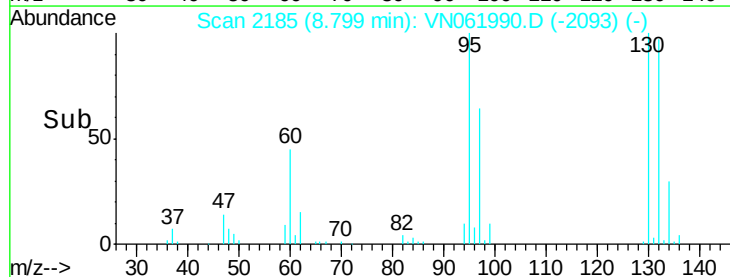
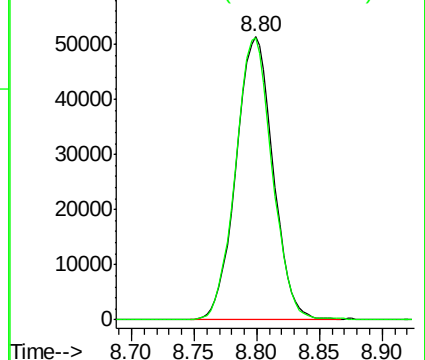
130 100

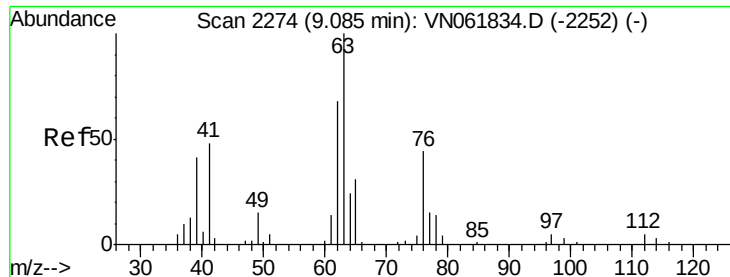
95 99.7 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

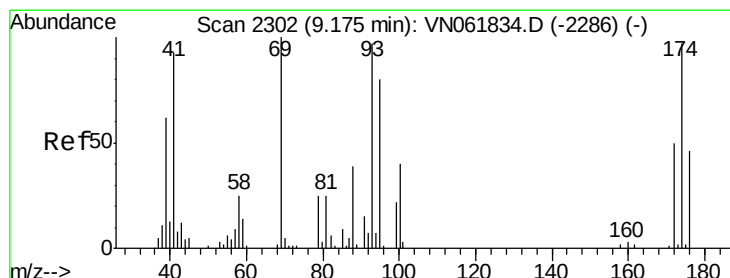
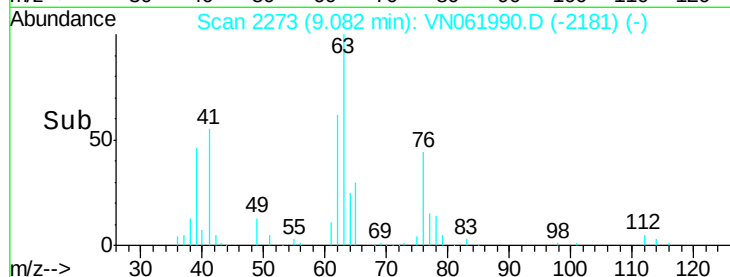
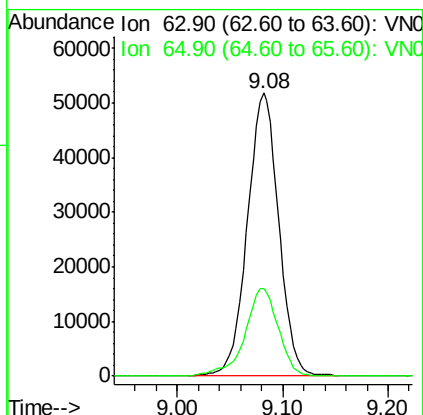
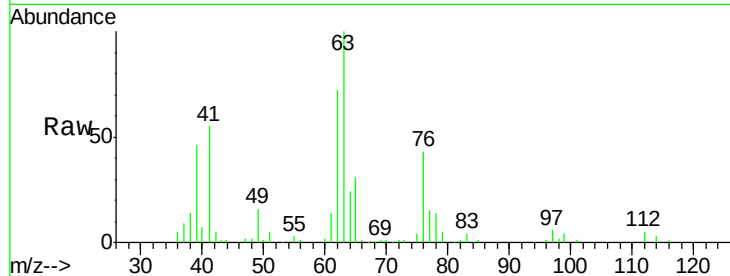




#45
 1,2-Dichloropropane
 Concen: 54.704 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

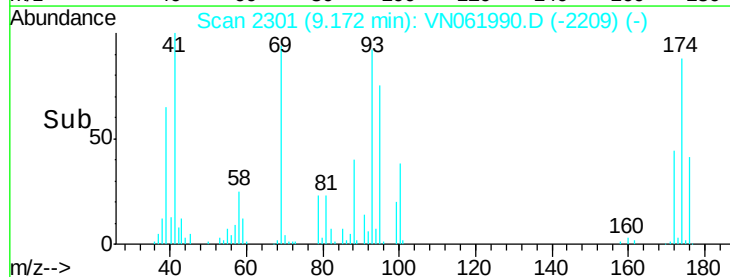
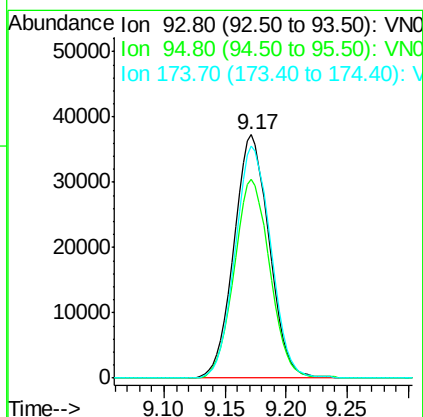
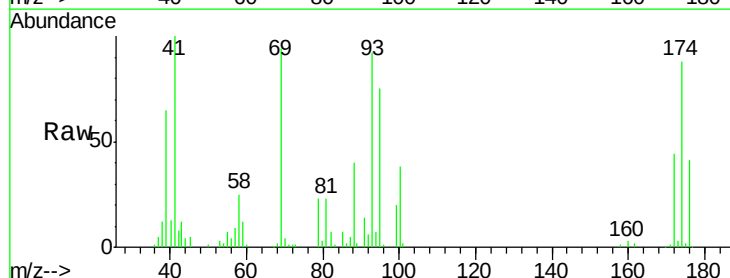
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

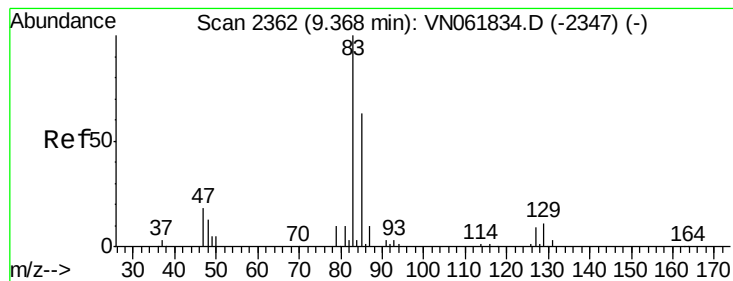
Tgt Ion: 63 Resp: 107079
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.1 37.7



#46
 Dibromomethane
 Concen: 54.330 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

Tgt Ion: 93 Resp: 74888
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.6
 174 96.2 78.5 117.7





#47

Bromodichloromethane

Concen: 54.332 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

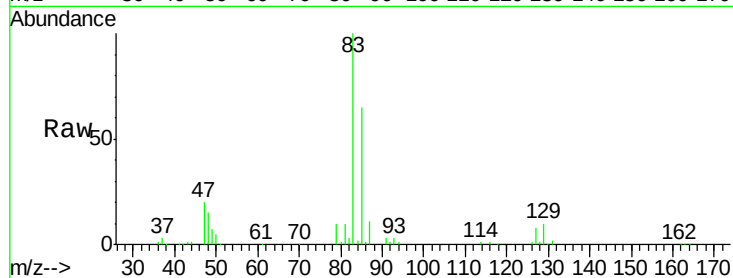
Tgt Ion: 83 Resp: 153349

Ion Ratio Lower Upper

83 100

85 65.2 50.8 76.2

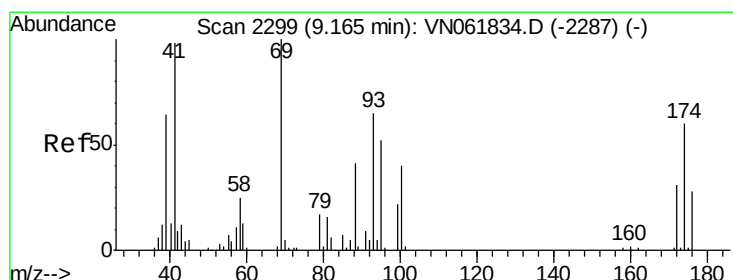
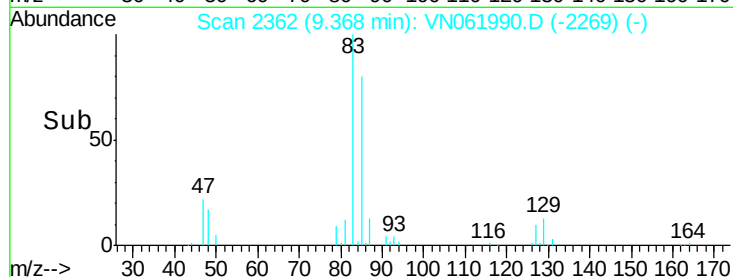
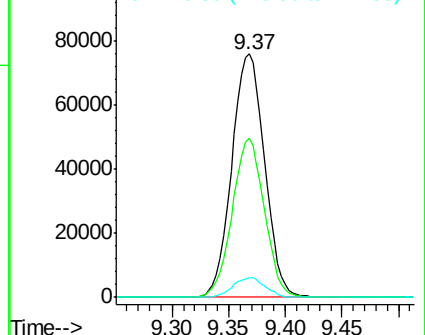
127 8.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN061990.D (-2269) (-)

Ion 84.90 (84.60 to 85.60): VN061990.D (-2269) (-)

Ion 126.80 (126.50 to 127.50): VN061990.D (-2269) (-)



#48

Methyl methacrylate

Concen: 58.712 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

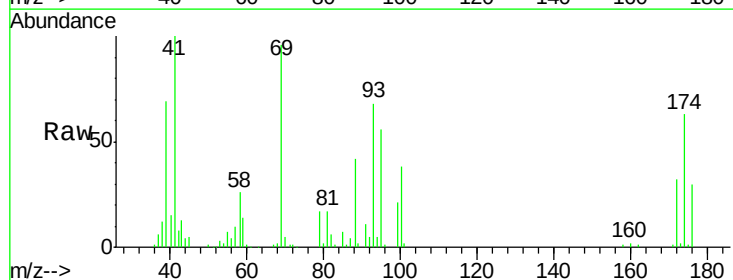
Tgt Ion: 41 Resp: 92390

Ion Ratio Lower Upper

41 100

69 96.6 83.0 124.4

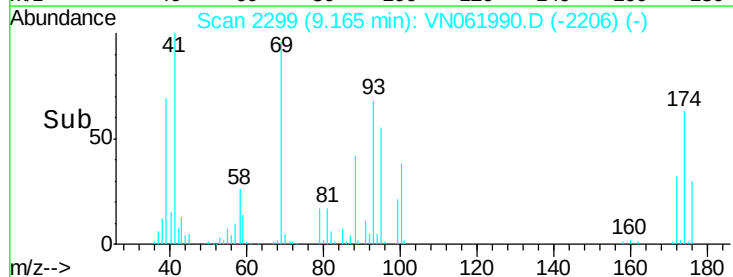
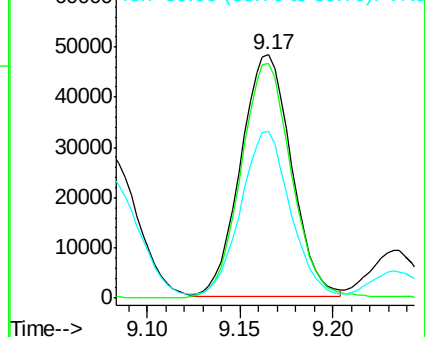
39 67.5 55.1 82.7

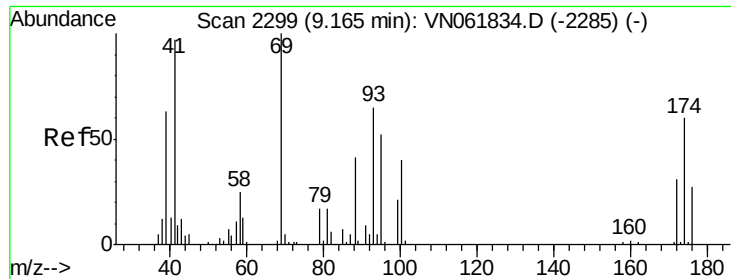


Abundance Ion 41.00 (40.70 to 41.70): VN061990.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061990.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061990.D (-2206) (-)

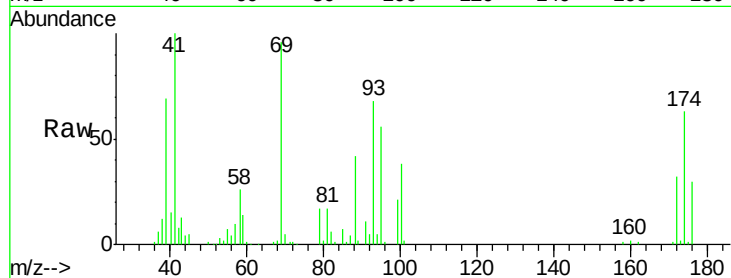




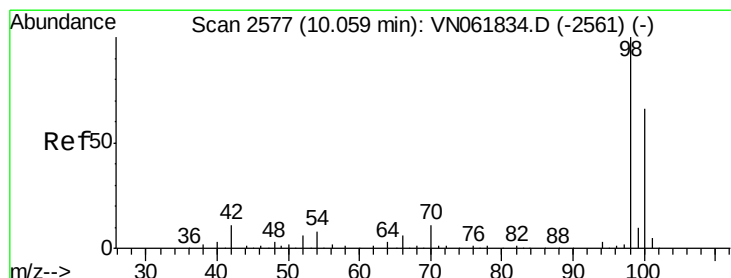
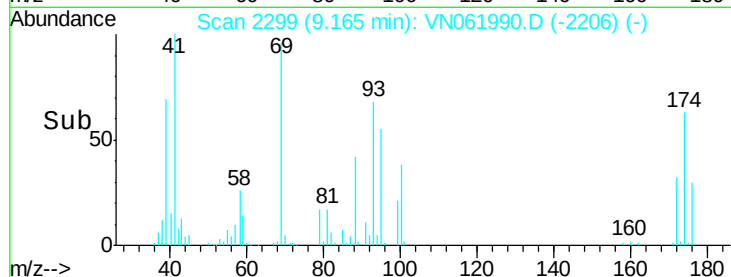
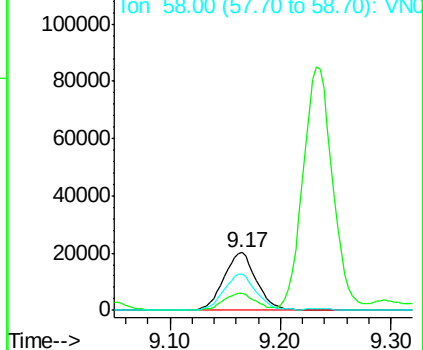
#49
1,4-Dioxane
Concen: 1144.030 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 41332
Ion Ratio Lower Upper
88 100
43 29.6 23.4 35.2
58 62.0 49.8 74.6

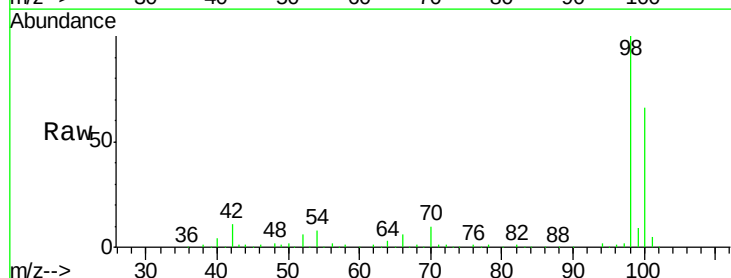


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

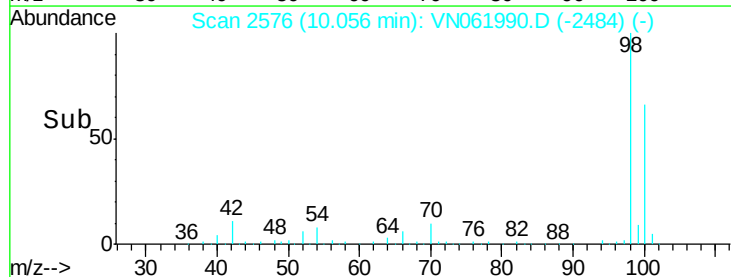
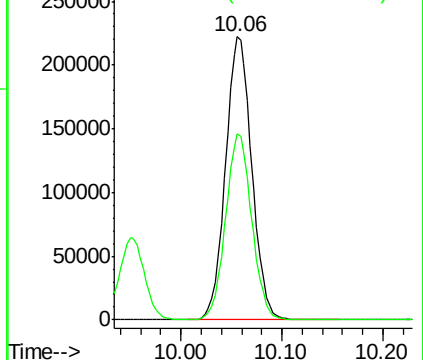


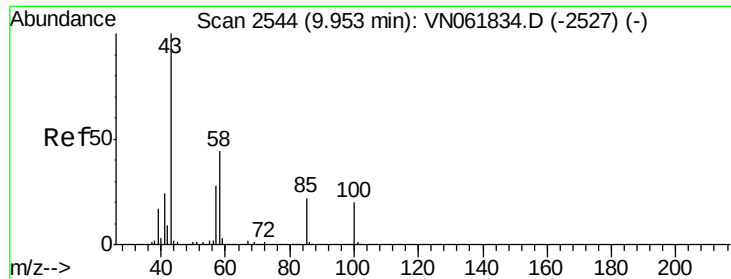
#50
Toluene-d8
Concen: 55.631 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion: 98 Resp: 403348
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



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

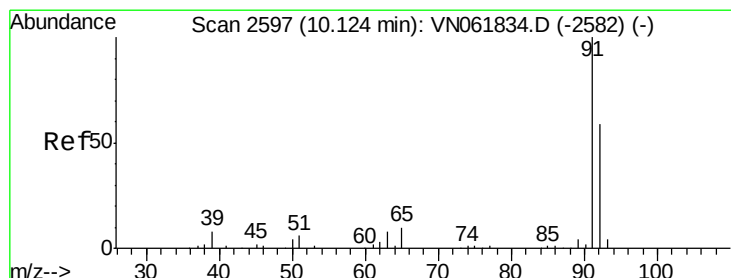
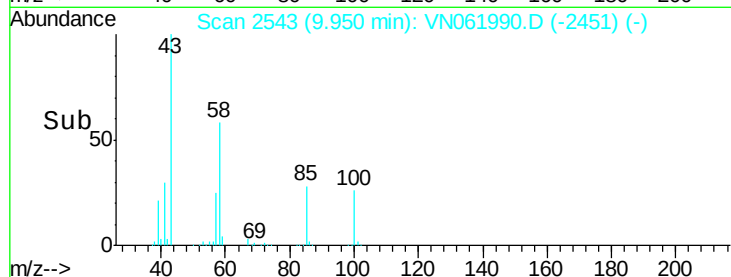
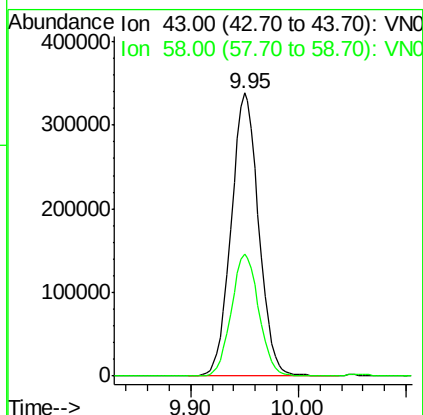
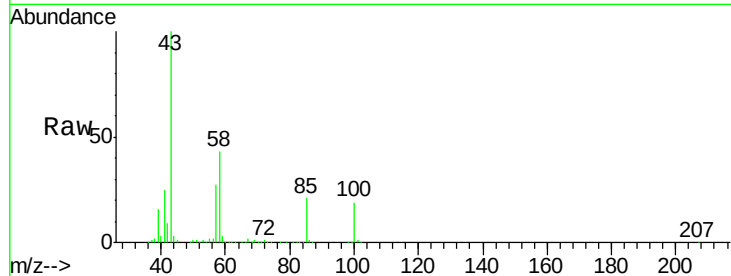




#51
 4-Methyl-2-Pentanone
 Concen: 295.034 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

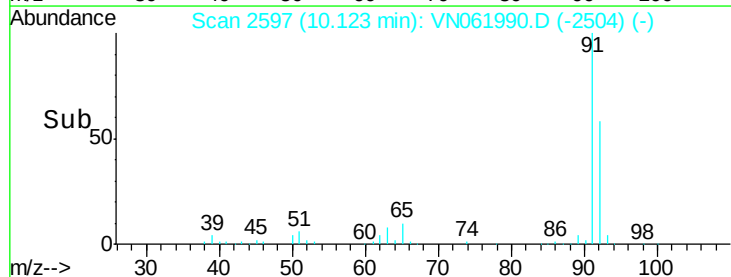
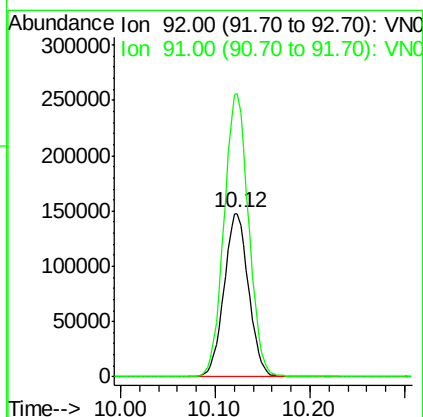
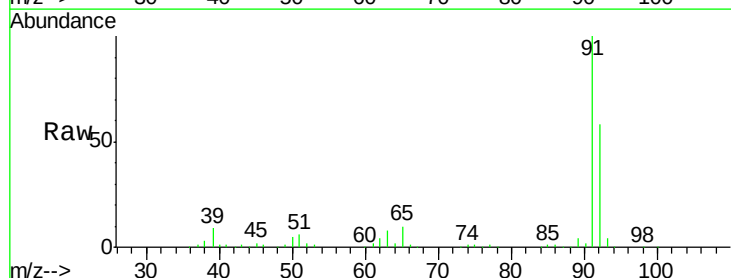
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

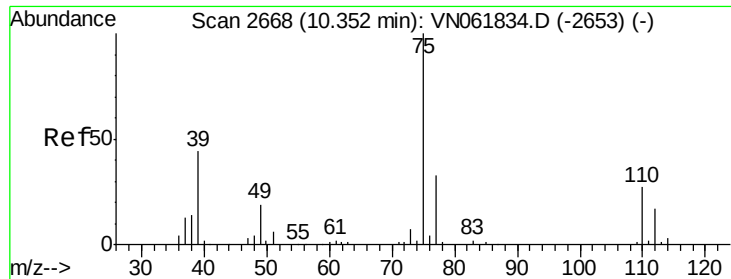
Tgt Ion: 43 Resp: 603289
 Ion Ratio Lower Upper
 43 100
 58 42.9 34.6 52.0



#52
 Toluene
 Concen: 53.141 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

Tgt Ion: 92 Resp: 265826
 Ion Ratio Lower Upper
 92 100
 91 174.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 57.330 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

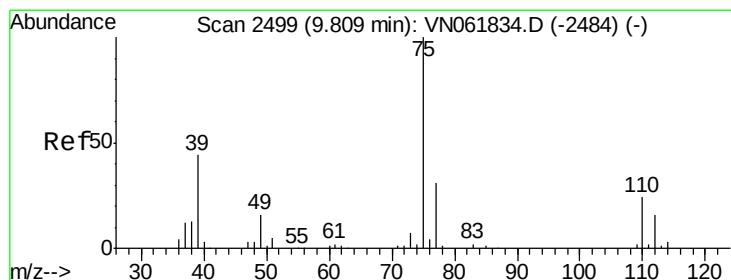
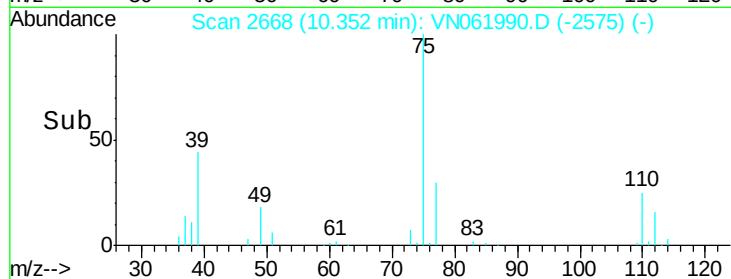
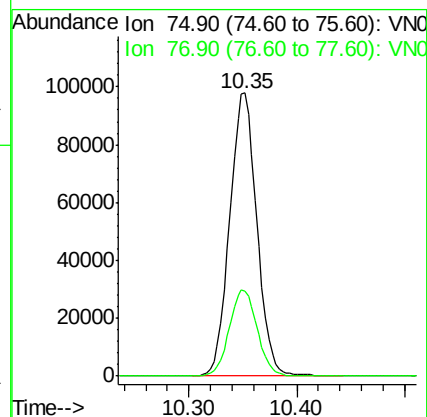
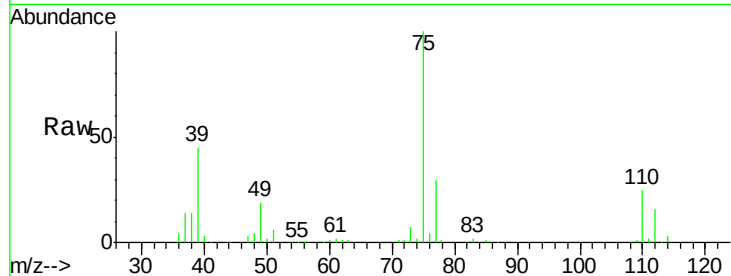
VSTDCCC050

Tgt Ion: 75 Resp: 171778

Ion Ratio Lower Upper

75 100

77 30.2 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 56.552 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

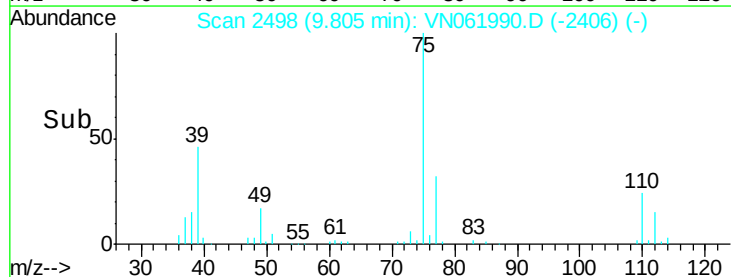
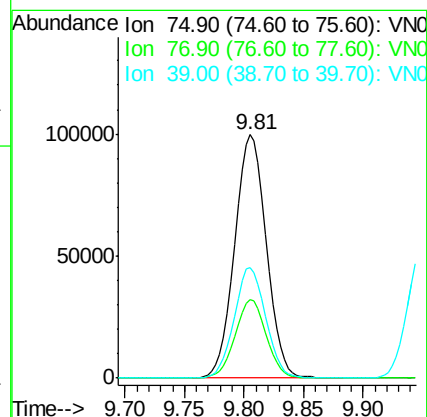
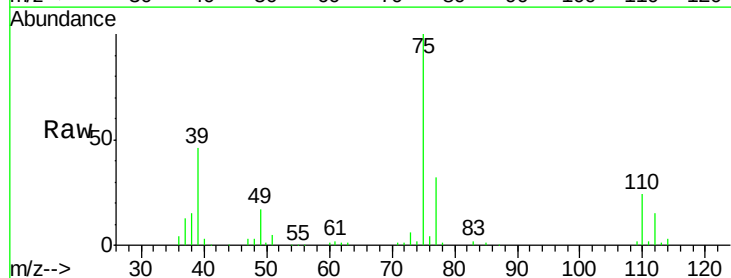
Tgt Ion: 75 Resp: 184044

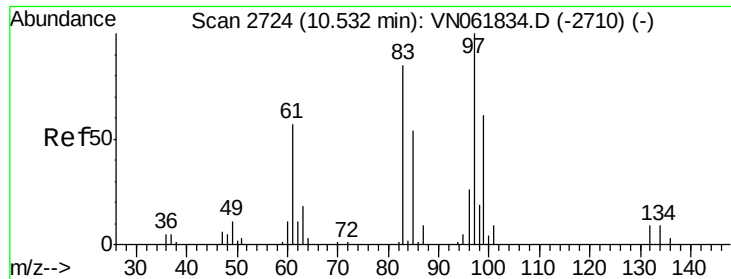
Ion Ratio Lower Upper

75 100

77 32.4 24.8 37.2

39 45.6 35.4 53.0

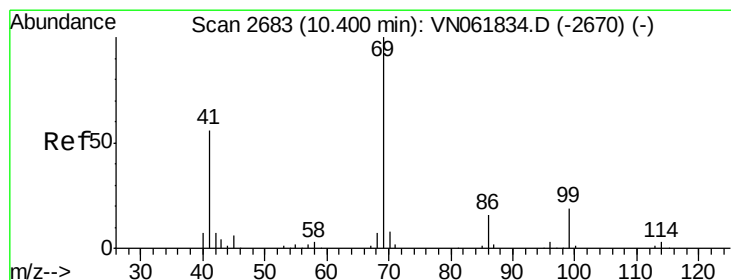
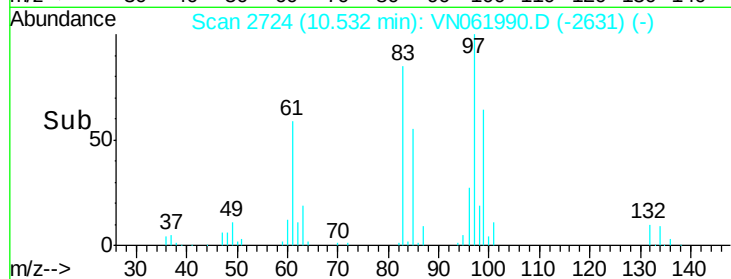
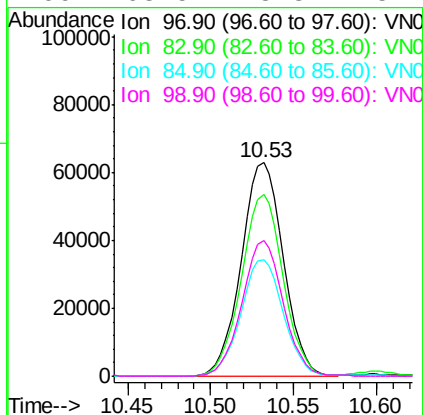
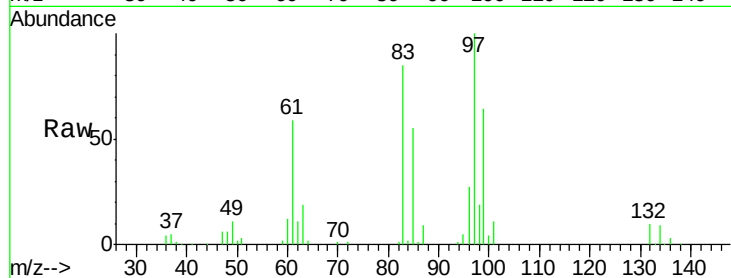




#55
 1,1,2-Trichloroethane
 Concen: 56.609 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

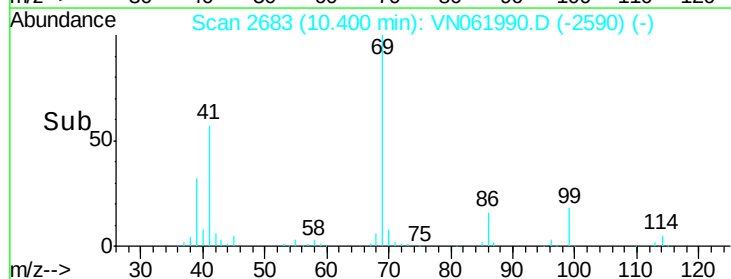
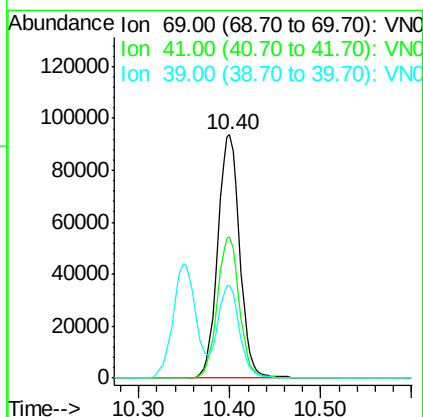
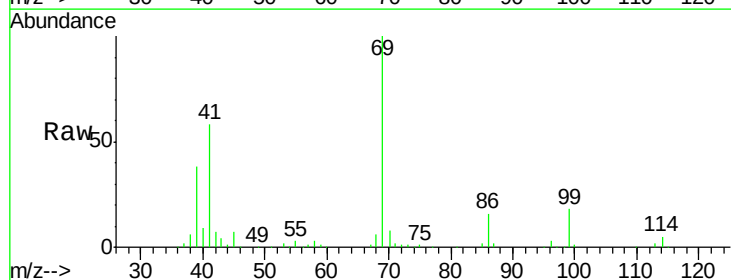
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

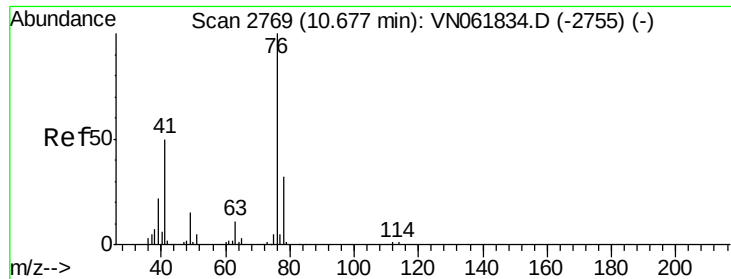
Tgt Ion:	97	Resp:	111414
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.7	101.5
85	54.6	43.4	65.0
99	63.5	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 52.052 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

Tgt Ion:	69	Resp:	156864
Ion	Ratio	Lower	Upper
69	100		
41	57.7	44.9	67.3
39	38.0	30.0	45.0

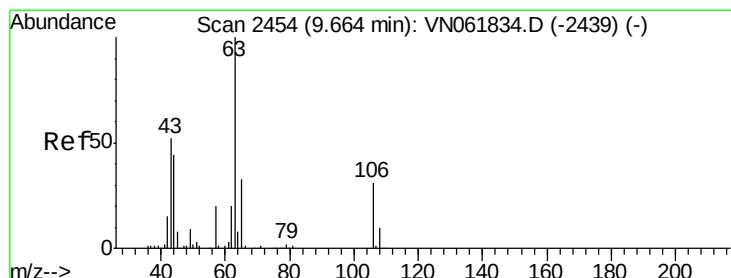
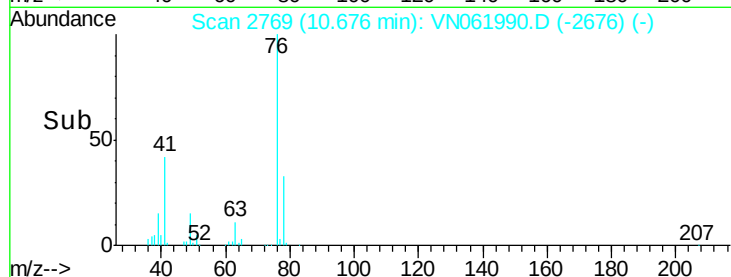
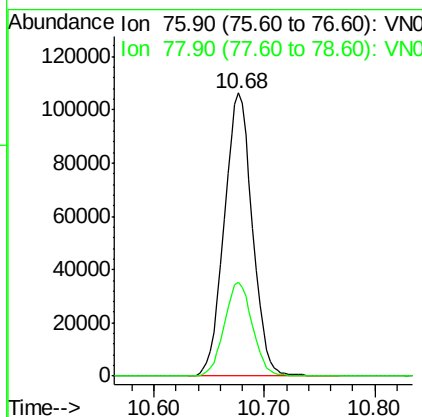
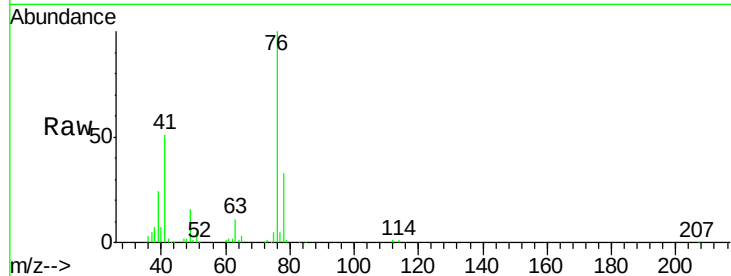




#57
 1,3-Dichloropropane
 Concen: 56.191 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

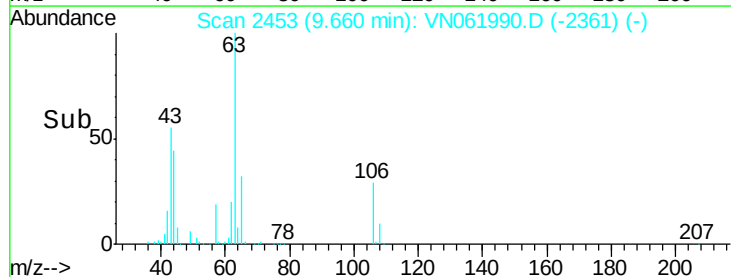
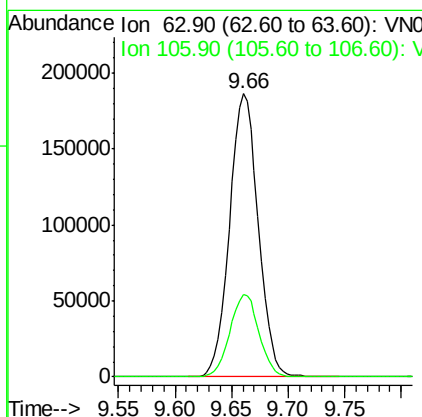
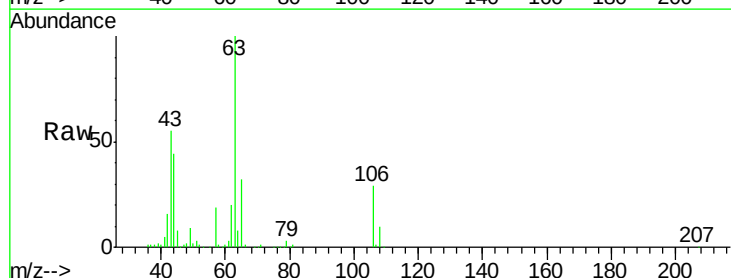
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

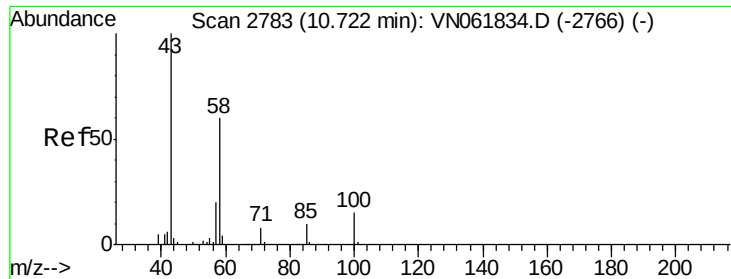
Tgt Ion: 76 Resp: 187360
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 316.434 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

Tgt Ion: 63 Resp: 328686
 Ion Ratio Lower Upper
 63 100
 106 29.4 24.6 36.8

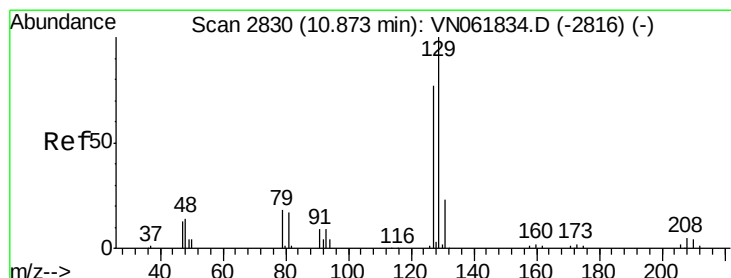
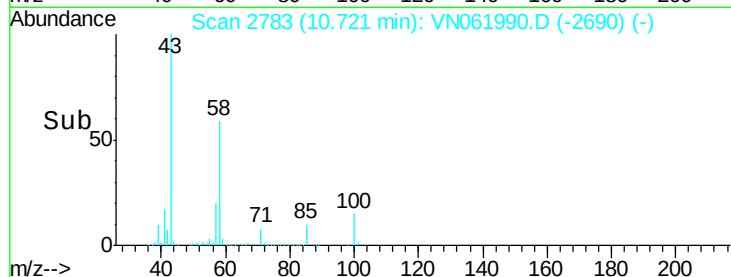
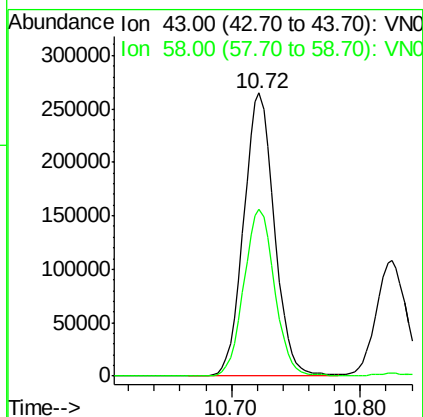
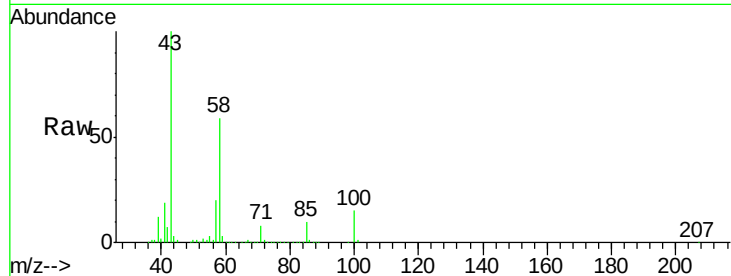




#59
2-Hexanone
Concen: 267.740 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

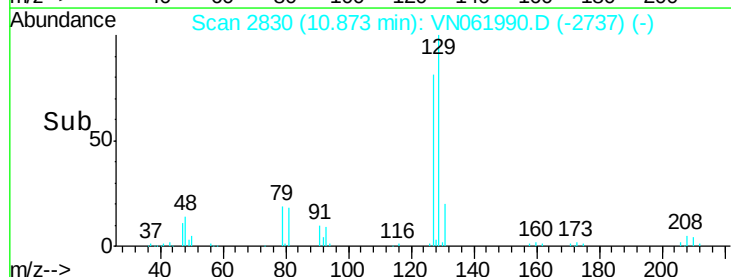
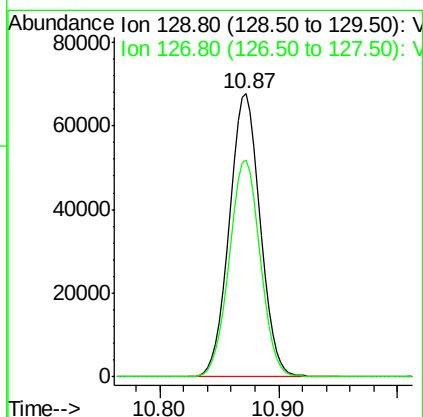
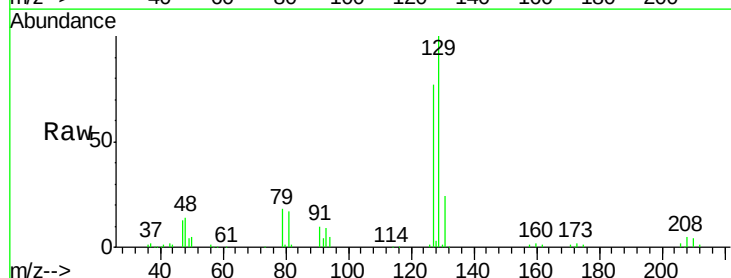
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

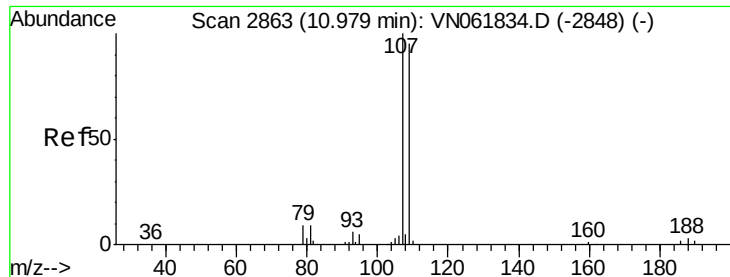
Tgt Ion: 43 Resp: 439028
Ion Ratio Lower Upper
43 100
58 59.3 30.1 90.5



#60
Dibromochloromethane
Concen: 55.444 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion: 129 Resp: 121763
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

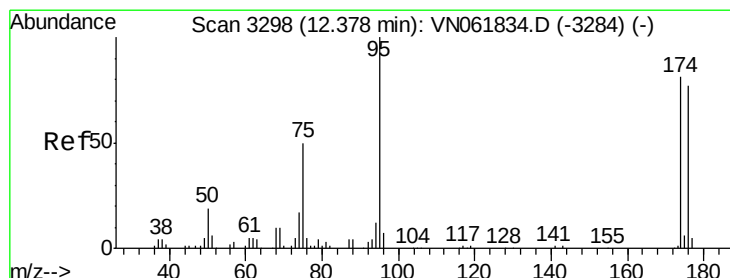
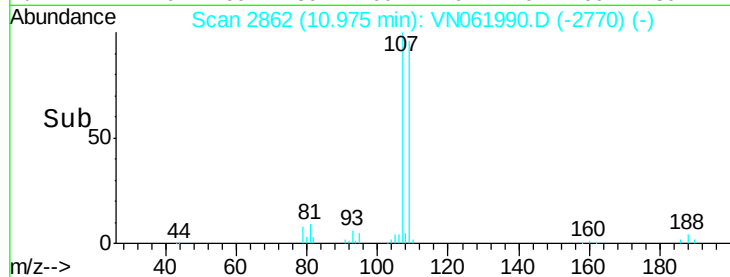
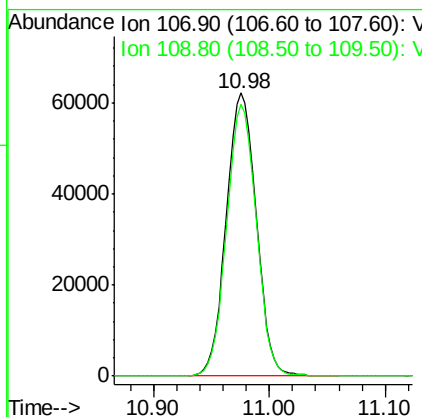
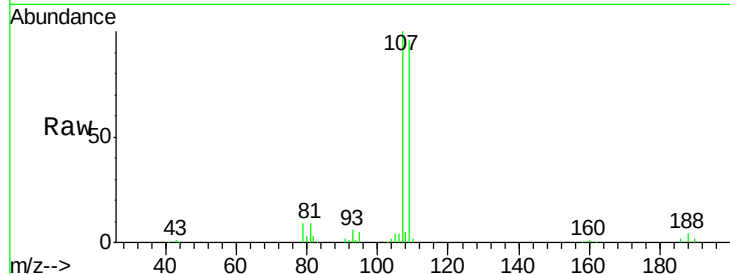




#61
 1,2-Dibromoethane
 Concen: 54.202 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

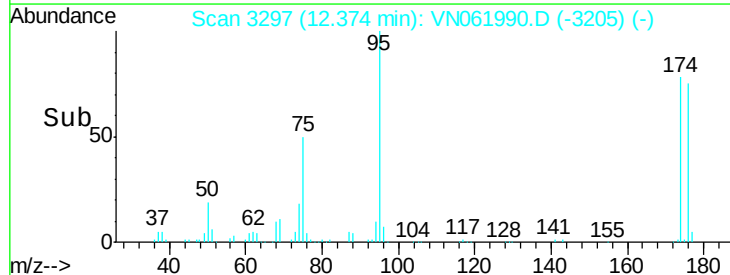
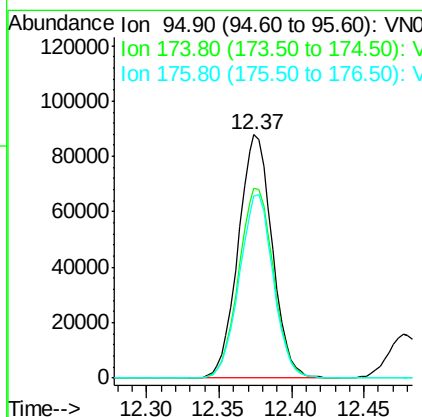
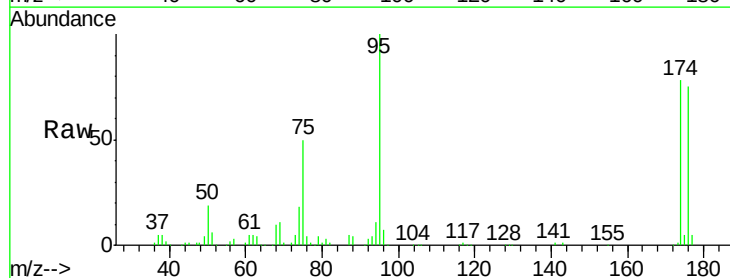
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

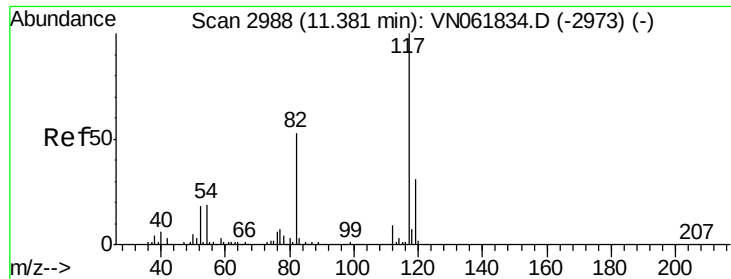
Tgt Ion: 107 Resp: 111392
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 57.538 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

Tgt Ion: 95 Resp: 143099
 Ion Ratio Lower Upper
 95 100
 174 79.8 0.0 158.6
 176 75.1 0.0 152.0

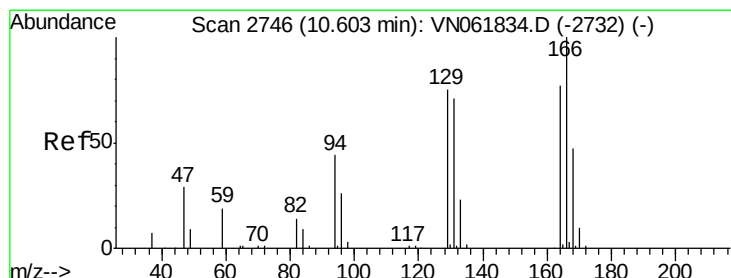
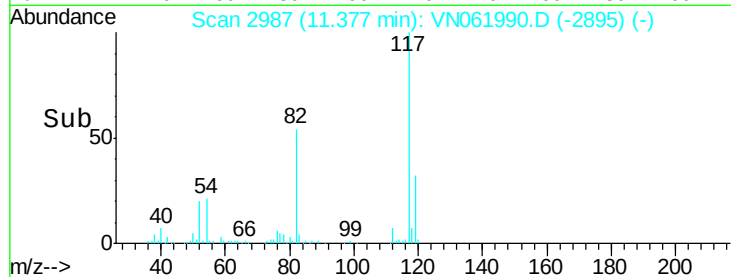
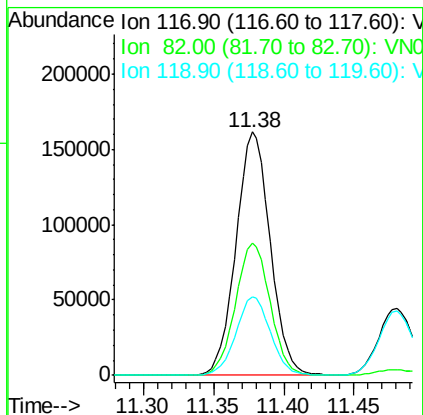
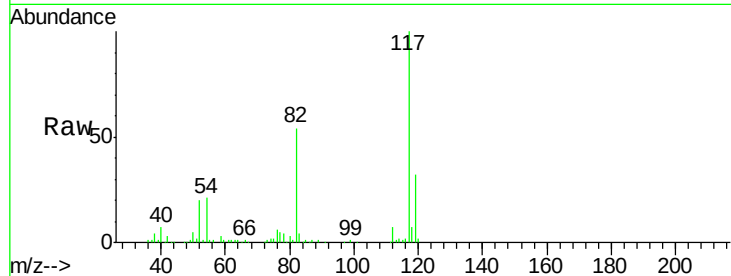




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

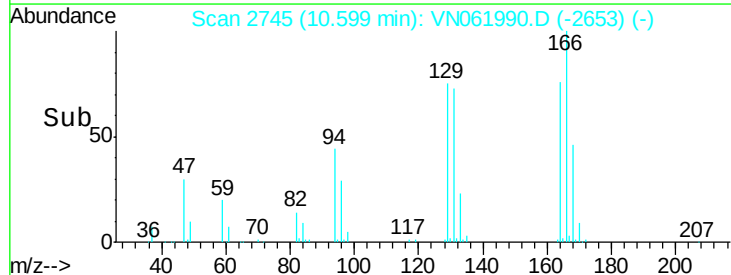
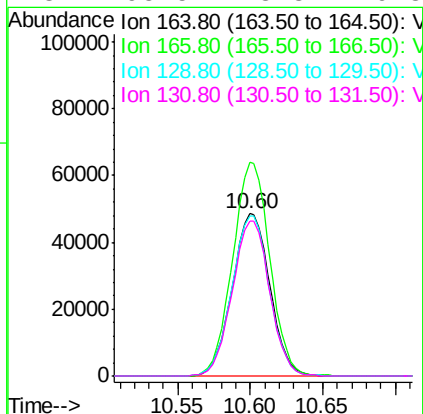
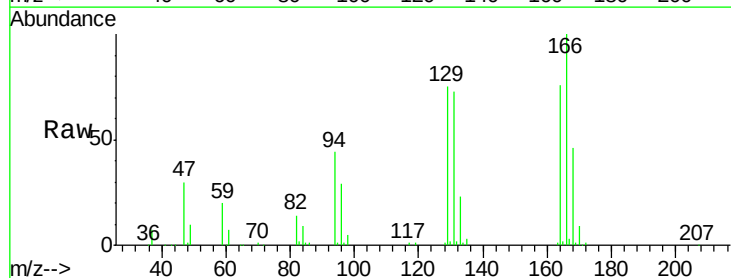
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

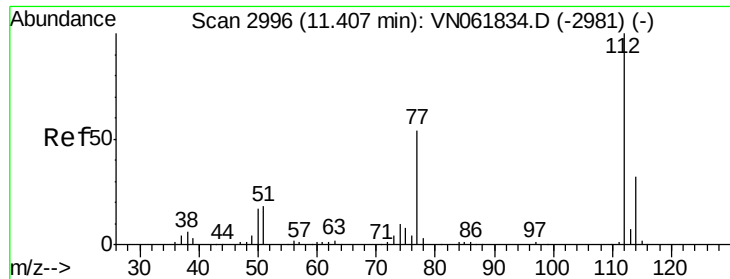
Tgt Ion:117 Resp: 275470
Ion Ratio Lower Upper
117 100
82 54.4 42.6 64.0
119 32.3 24.7 37.1



#64
Tetrachloroethene
Concen: 49.853 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion:164 Resp: 87529
Ion Ratio Lower Upper
164 100
166 131.5 103.5 155.3
129 98.8 77.5 116.3
131 95.5 73.8 110.8





#65

Chlorobenzene

Concen: 50.737 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

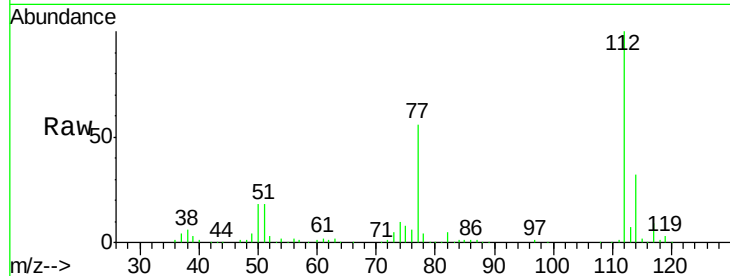
VSTDCCC050

Tgt Ion:112 Resp: 294914

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.40

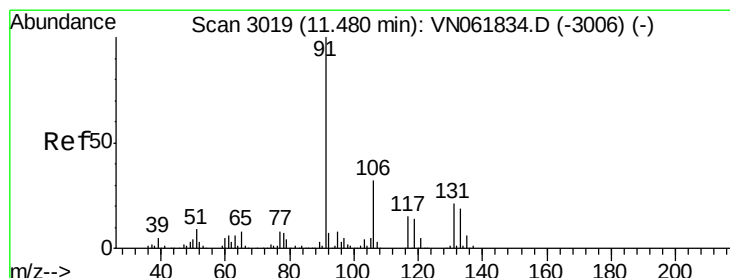
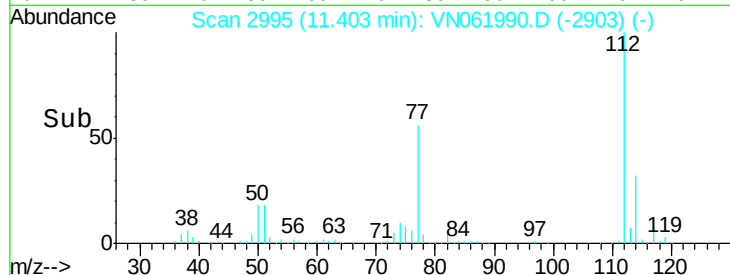
150000

100000

50000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 53.291 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

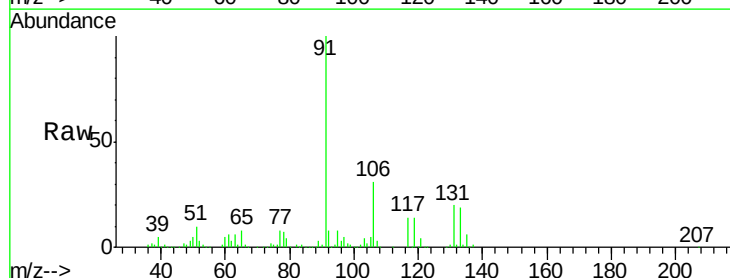
Tgt Ion:131 Resp: 108033

Ion Ratio Lower Upper

131 100

133 94.9 47.5 142.5

119 68.6 34.0 101.8



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

11.48

80000

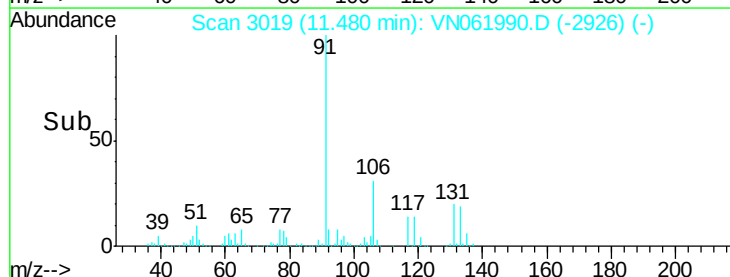
60000

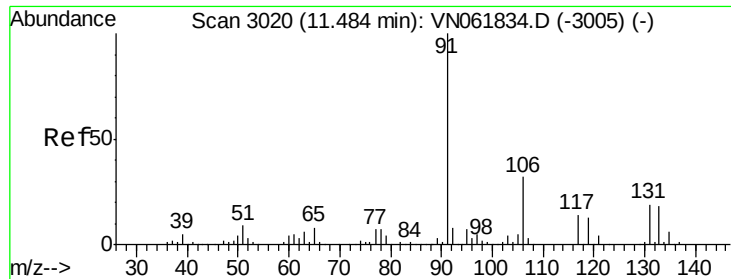
40000

20000

0

Time--> 11.40 11.45 11.50 11.55

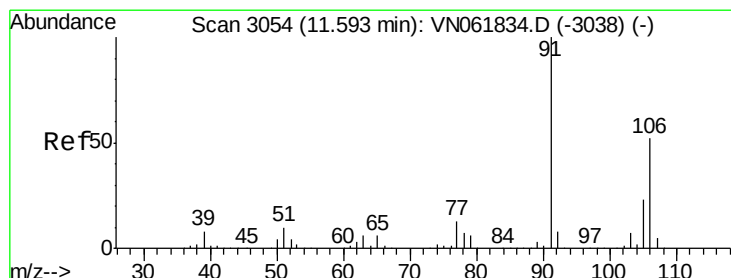
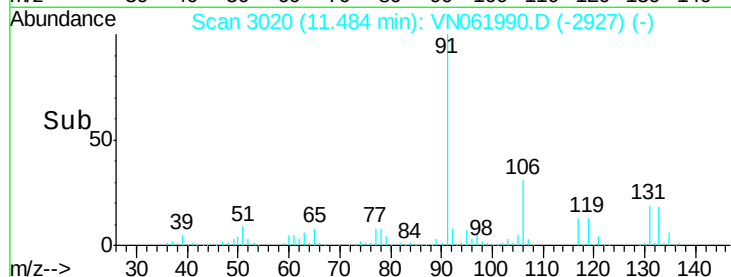
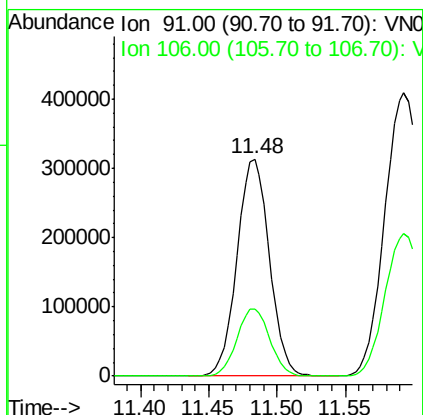
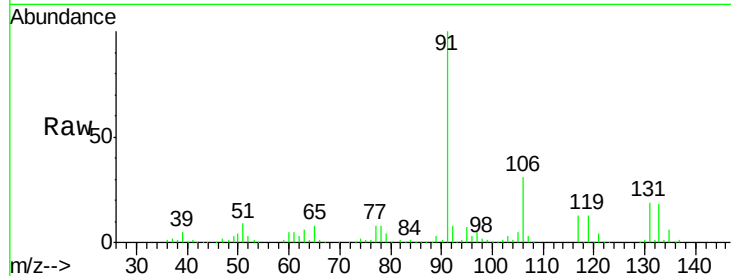




#67
Ethyl Benzene
Concen: 53.006 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

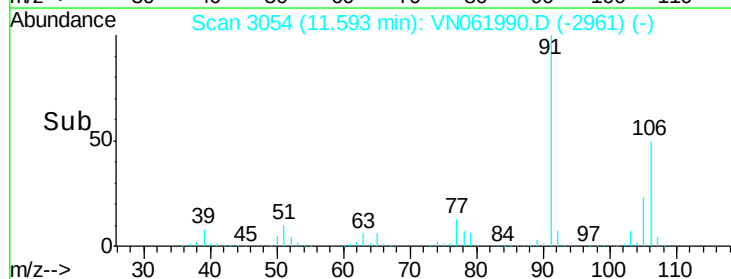
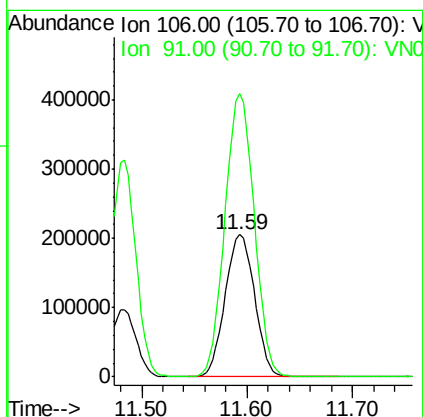
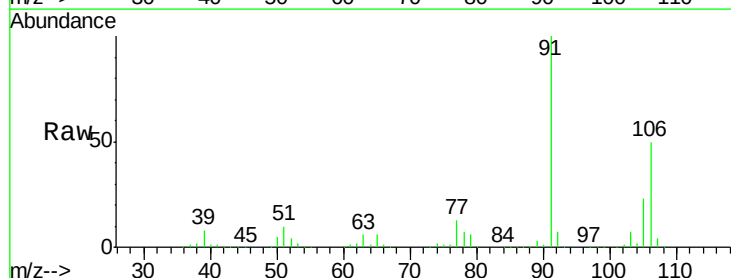
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

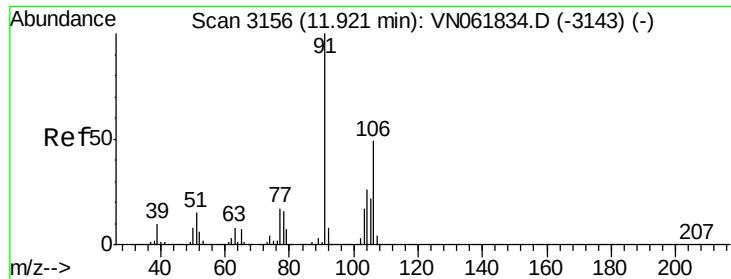
Tgt Ion: 91 Resp: 516578
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.2



#68
m/p-Xylenes
Concen: 106.184 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion: 106 Resp: 399036
Ion Ratio Lower Upper
106 100
91 197.5 157.0 235.6

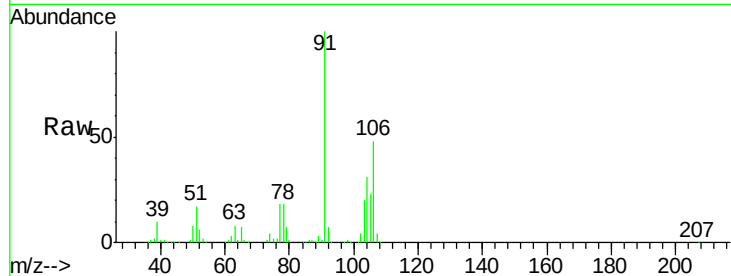




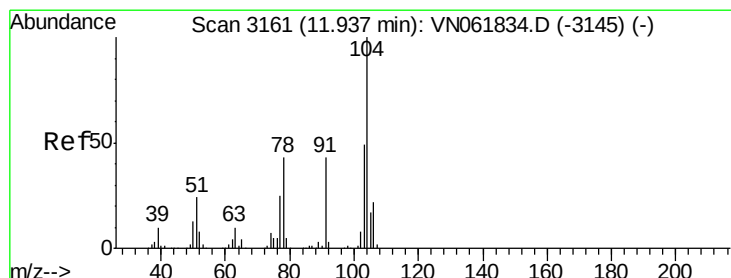
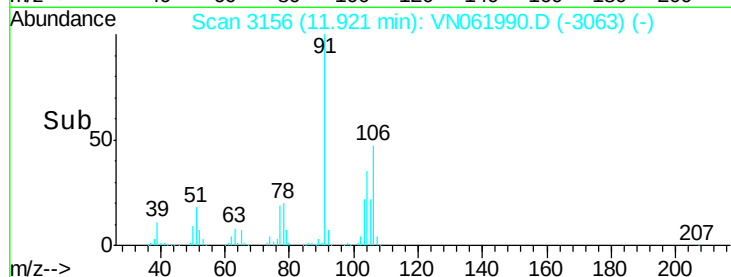
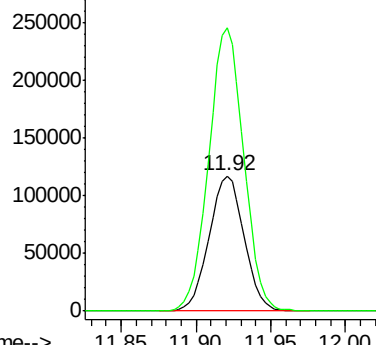
#69
o-Xylene
Concen: 53.224 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 190841
Ion Ratio Lower Upper
106 100
91 209.1 103.0 308.9

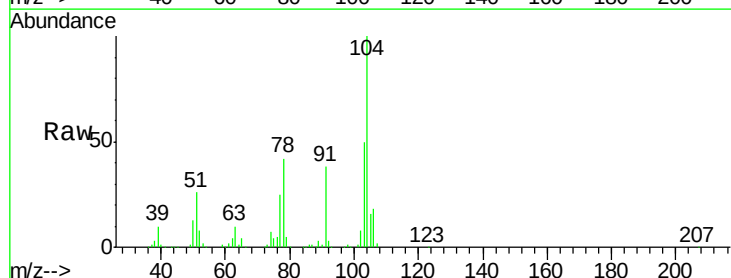


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

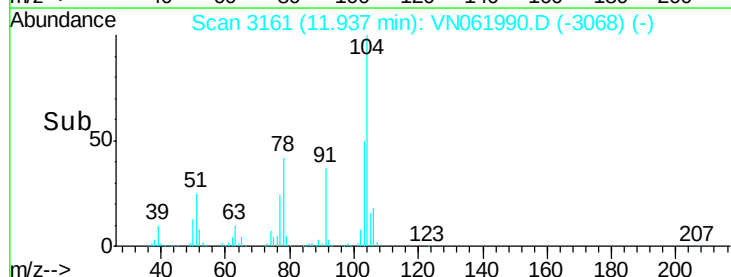
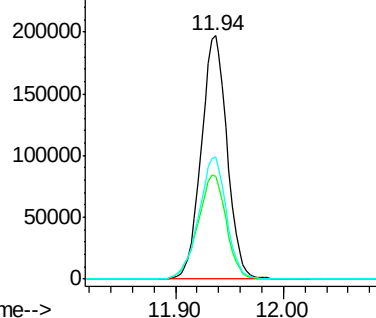


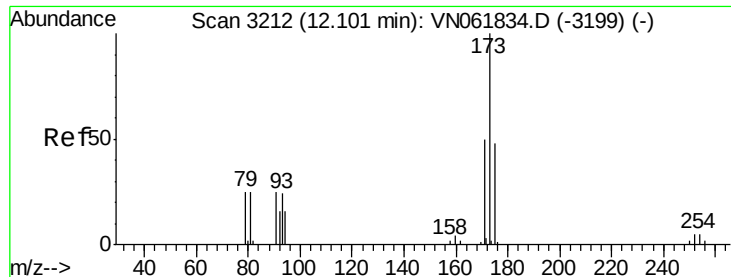
#70
Styrene
Concen: 55.030 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion:104 Resp: 330389
Ion Ratio Lower Upper
104 100
78 46.9 37.6 56.4
103 53.6 43.0 64.4



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





#71

Bromoform

Concen: 55.229 ug/l

RT: 12.10 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

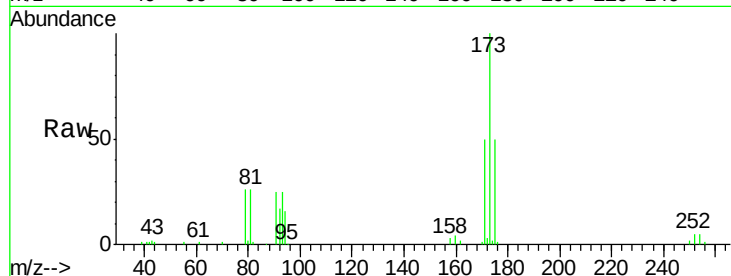
Tgt Ion:173 Resp: 81637

Ion Ratio Lower Upper

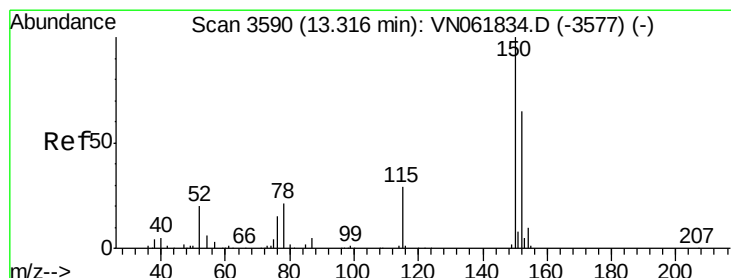
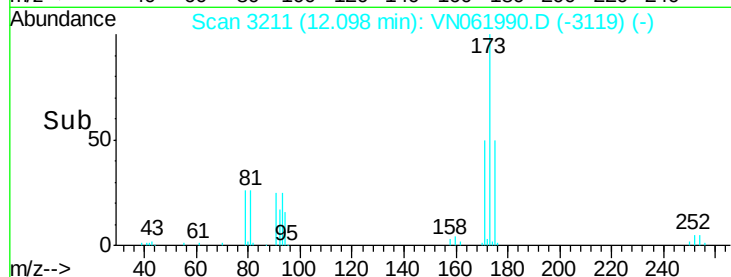
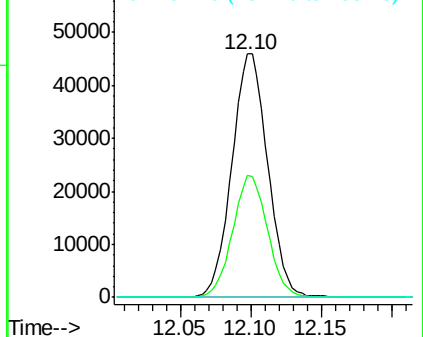
173 100

175 48.7 23.9 71.7

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

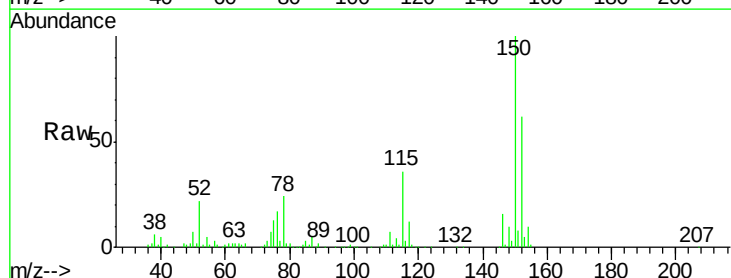
Tgt Ion:152 Resp: 136355

Ion Ratio Lower Upper

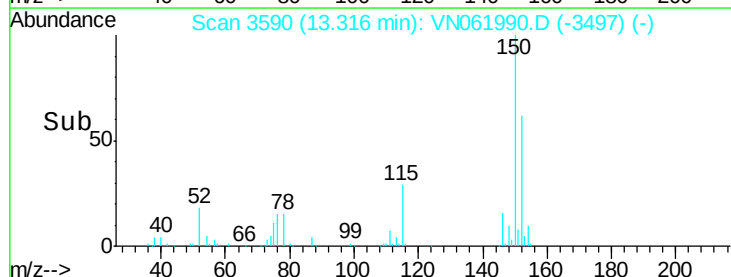
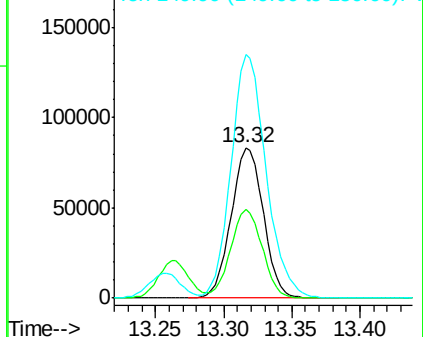
152 100

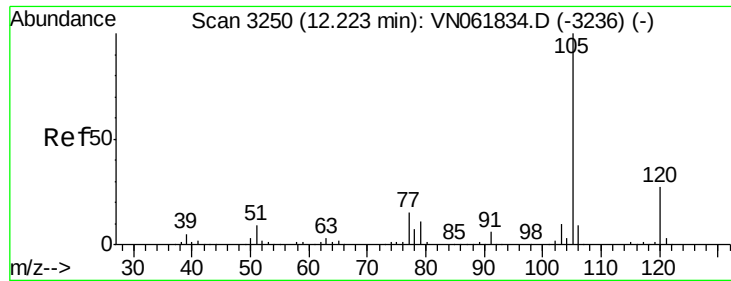
115 58.0 29.1 87.3

150 177.0 0.0 347.6



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

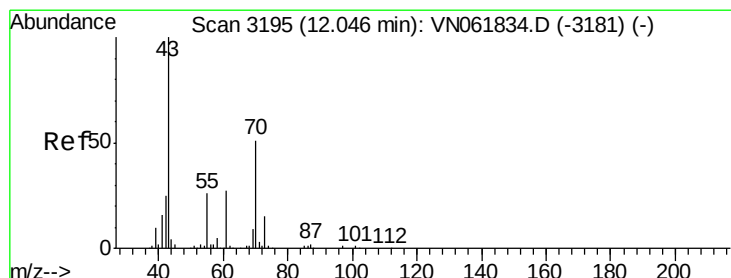
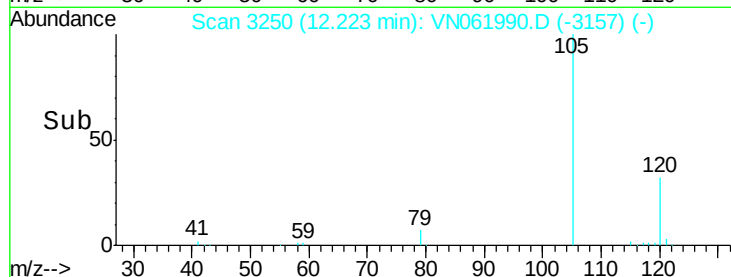
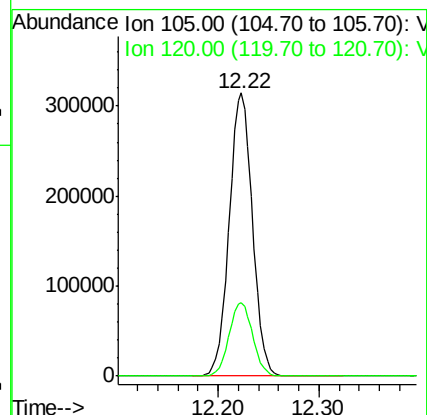
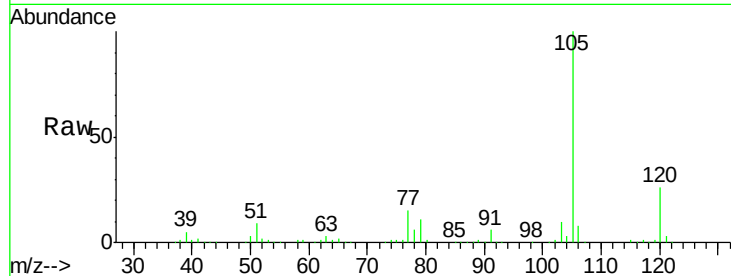




#73
Isopropylbenzene
Concen: 52.261 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

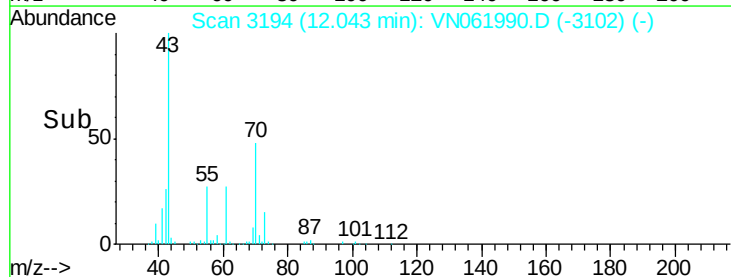
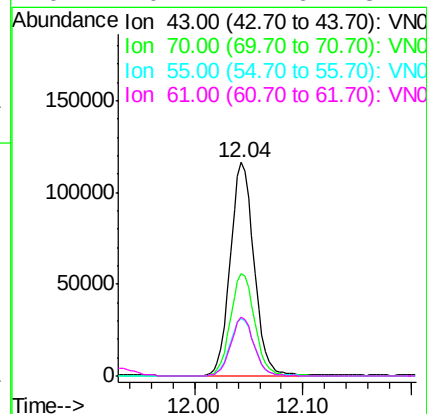
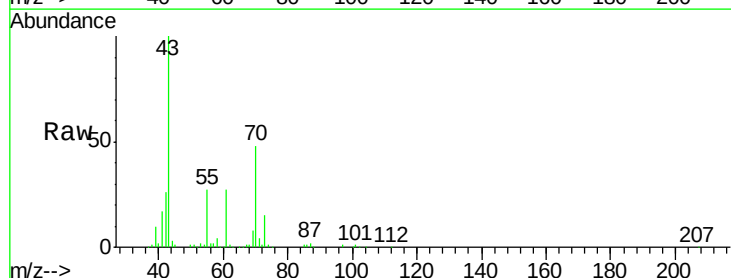
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

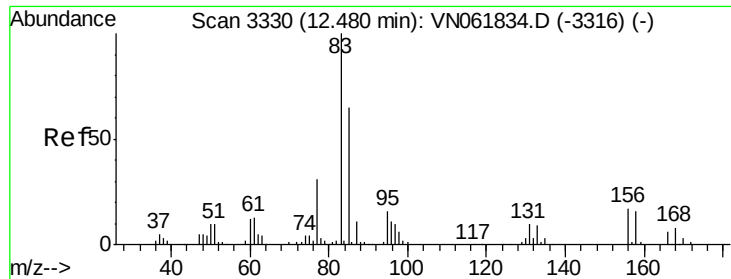
Tgt Ion: 105 Resp: 506391
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.8



#74
N-ethyl acetate
Concen: 51.070 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion: 43 Resp: 179452
Ion Ratio Lower Upper
43 100
70 48.6 40.6 60.8
55 27.6 21.5 32.3
61 26.7 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.102 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

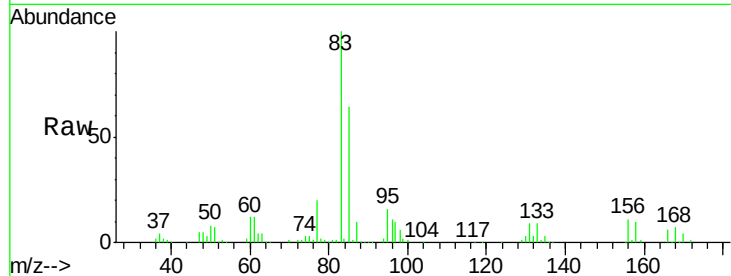
Tgt Ion: 83 Resp: 164138

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

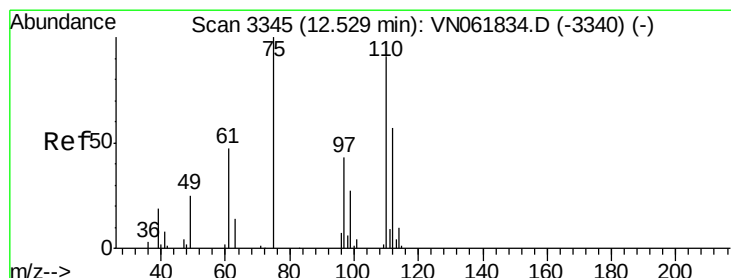
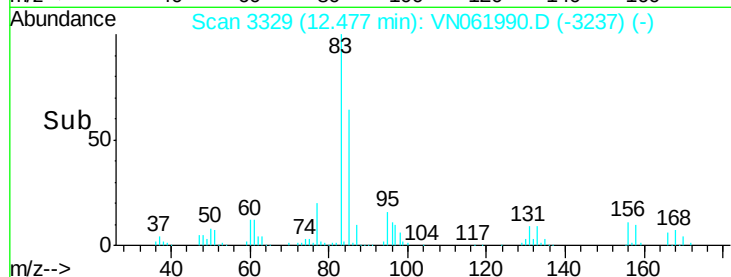
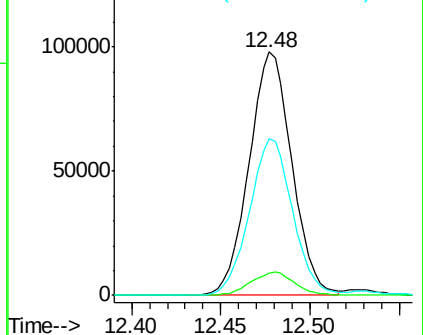
85 64.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 76.959 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061990.D

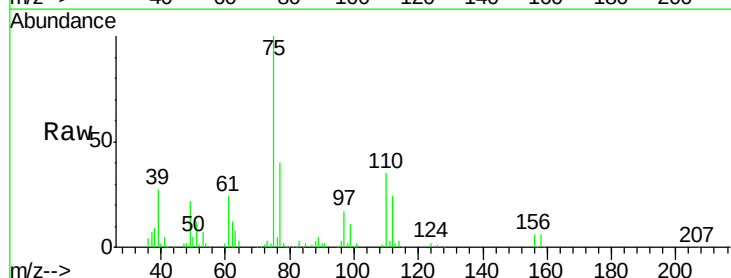
Acq: 22 Jun 2020 11:02

Tgt Ion: 75 Resp: 206018

Ion Ratio Lower Upper

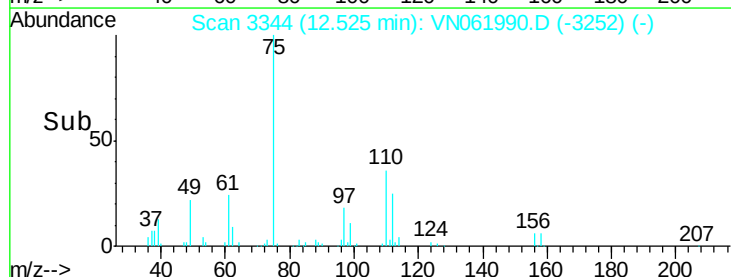
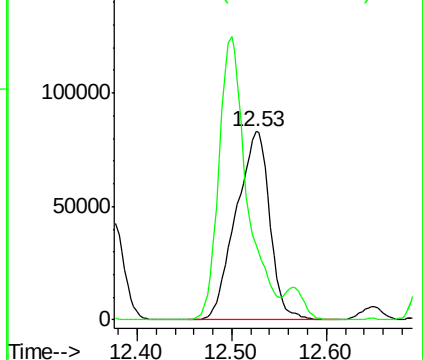
75 100

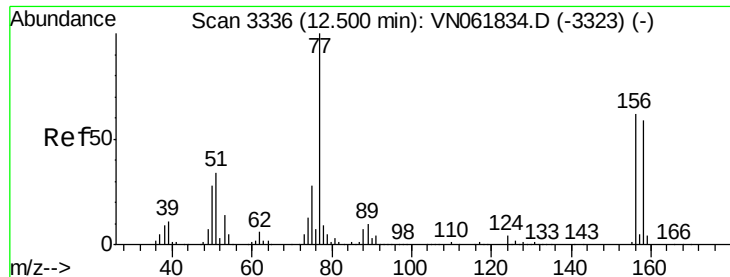
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 50.701 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

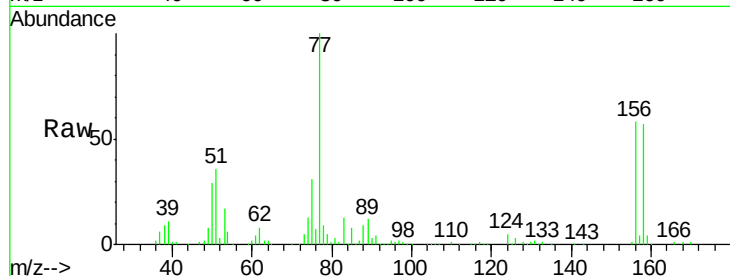
Tgt Ion:156 Resp: 123940

Ion Ratio Lower Upper

156 100

77 208.5 100.7 302.1

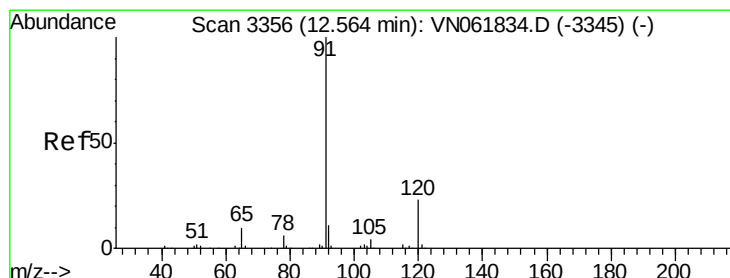
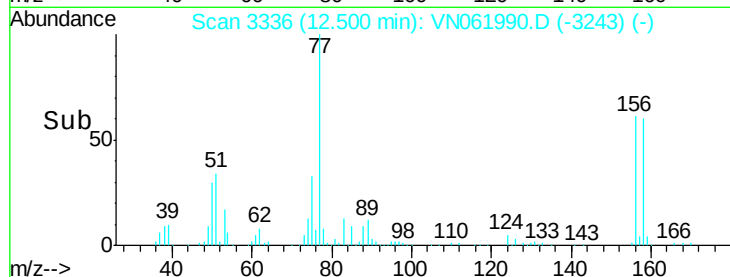
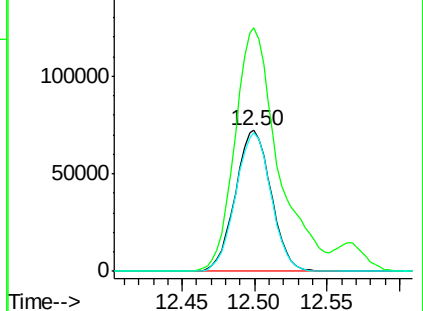
158 97.1 48.5 145.5



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: 52.756 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061990.D

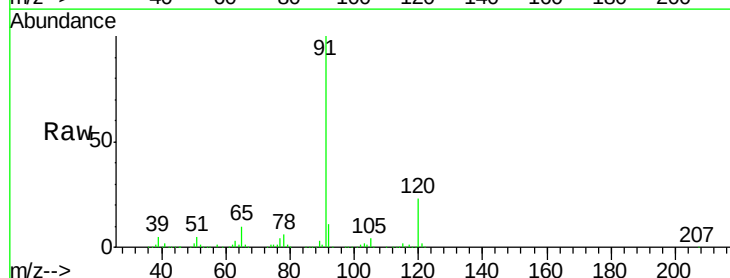
Acq: 22 Jun 2020 11:02

Tgt Ion: 91 Resp: 583280

Ion Ratio Lower Upper

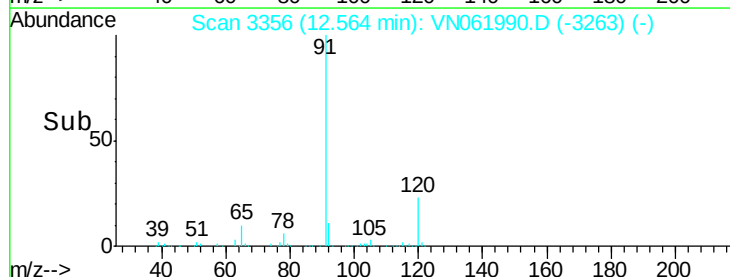
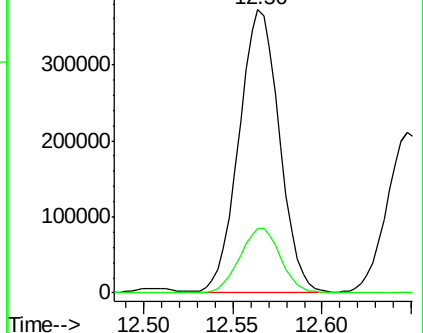
91 100

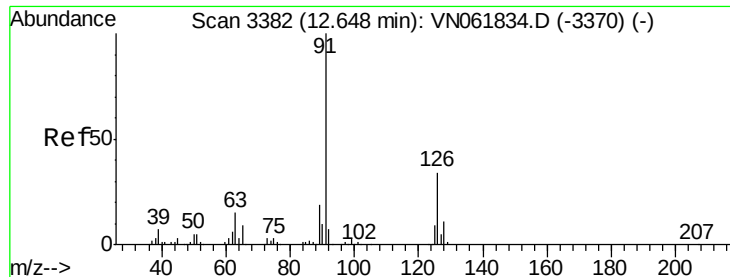
120 23.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.648 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

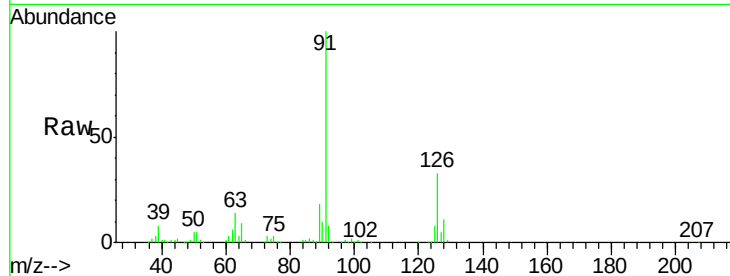
VSTDCCC050

Tgt Ion: 91 Resp: 342957

Ion Ratio Lower Upper

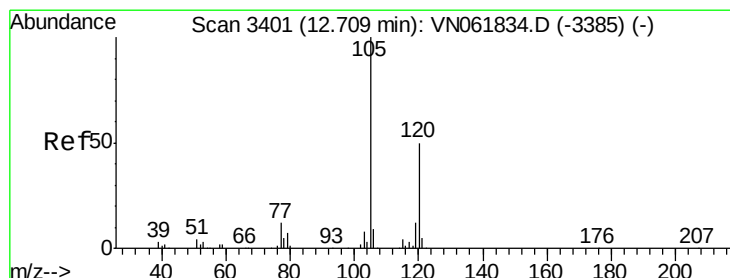
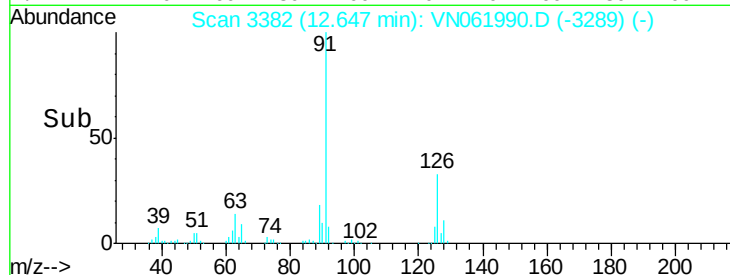
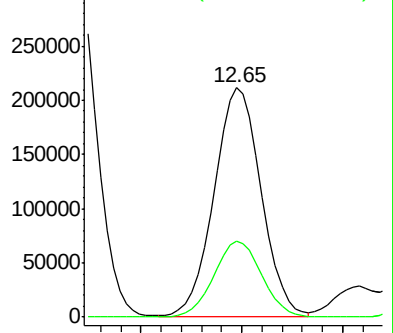
91 100

126 34.1 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.543 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061990.D

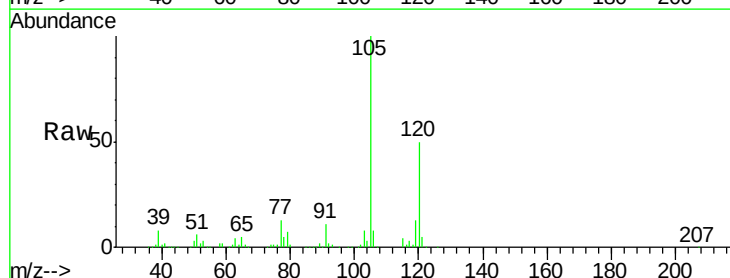
Acq: 22 Jun 2020 11:02

Tgt Ion: 105 Resp: 421205

Ion Ratio Lower Upper

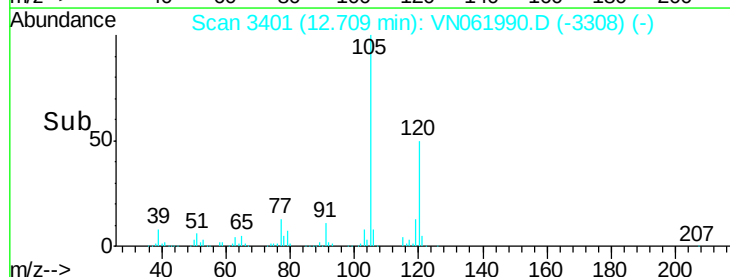
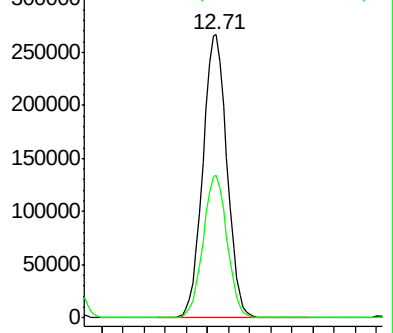
105 100

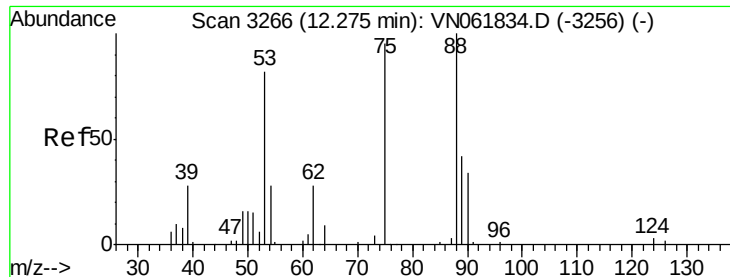
120 50.0 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN061834.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061834.D (-3385) (-)

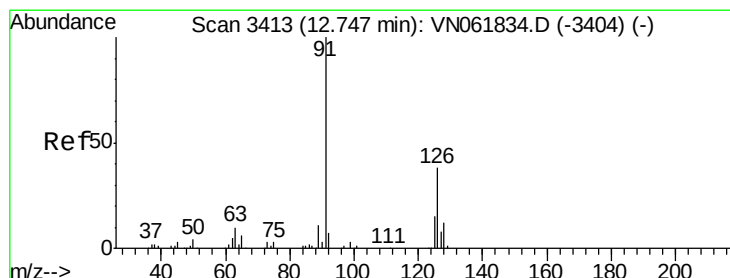
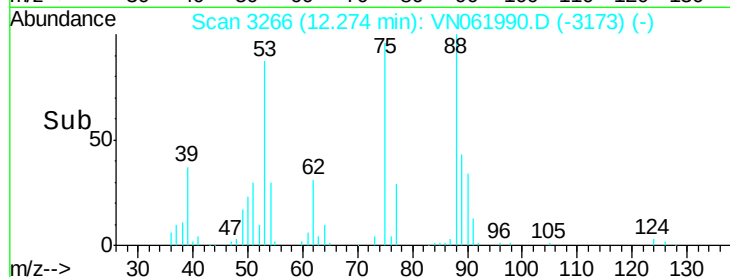
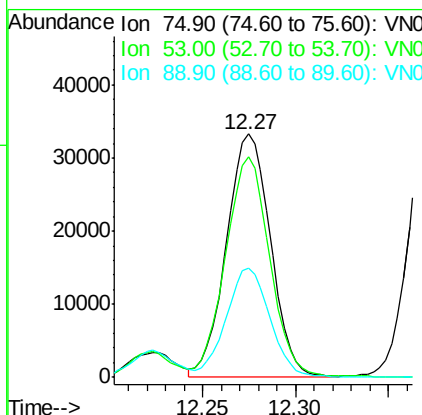
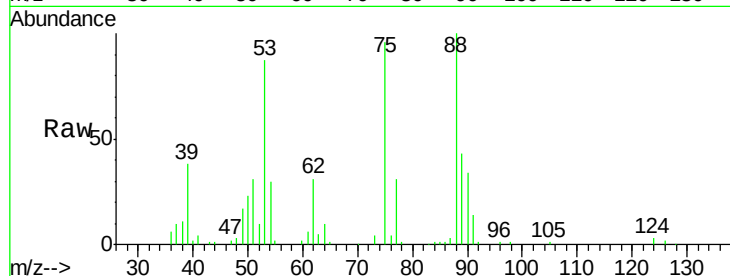




#81
trans-1,4-Dichloro-2-butene
Concen: 56.079 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

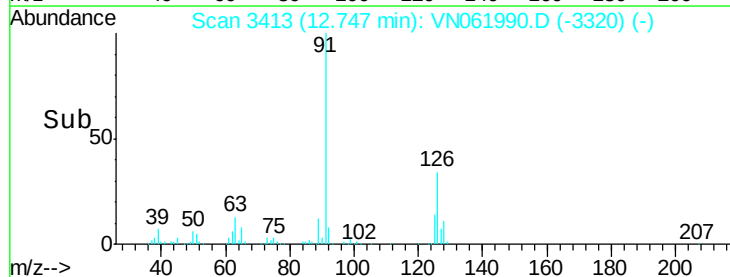
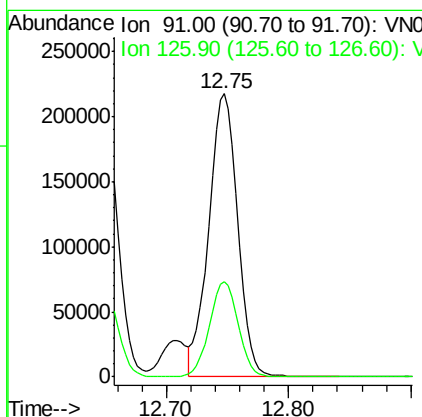
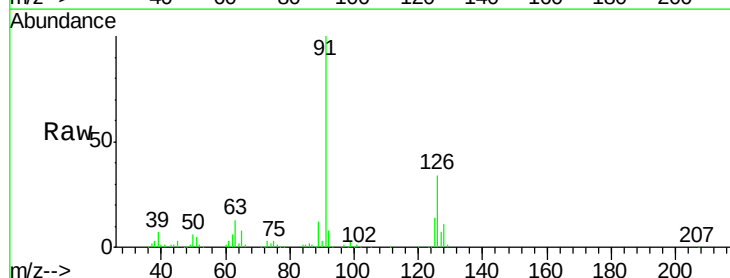
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

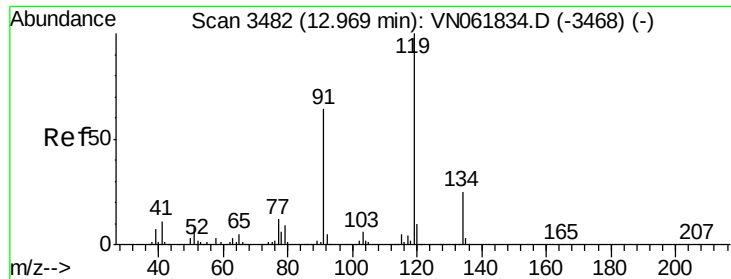
Tgt Ion: 75 Resp: 55042
Ion Ratio Lower Upper
75 100
53 91.1 70.4 105.6
89 44.4 36.0 54.0



#82
4-Chlorotoluene
Concen: 52.468 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion: 91 Resp: 360007
Ion Ratio Lower Upper
91 100
126 33.7 17.2 51.6

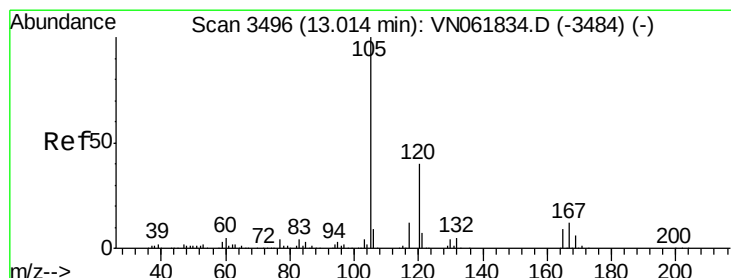
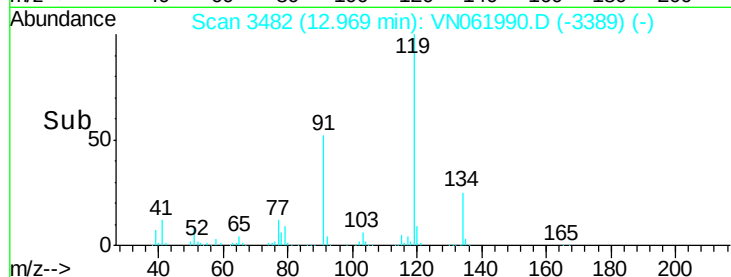
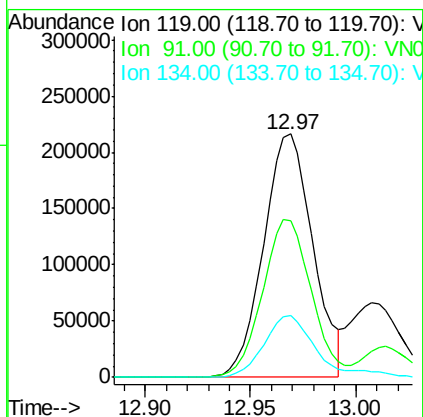
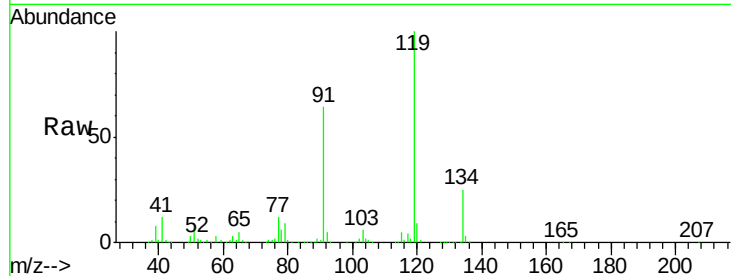




#83
 tert-Butylbenzene
 Concen: 51.857 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

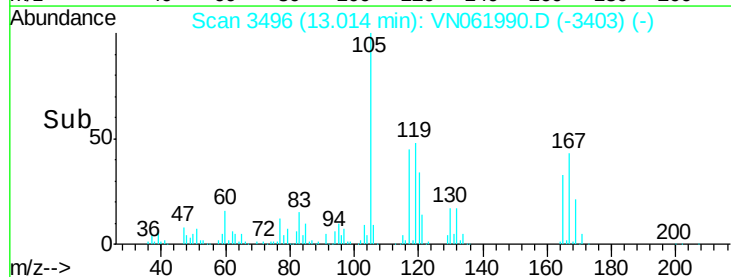
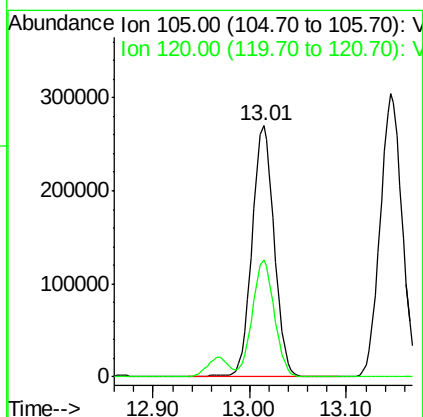
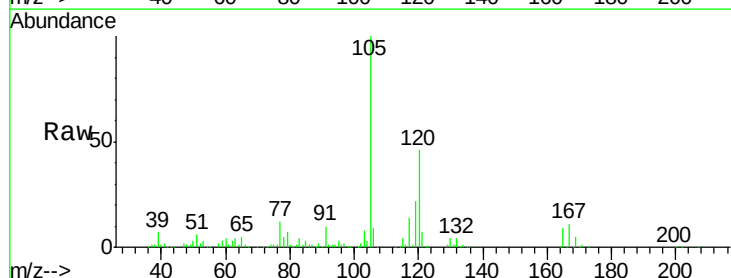
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

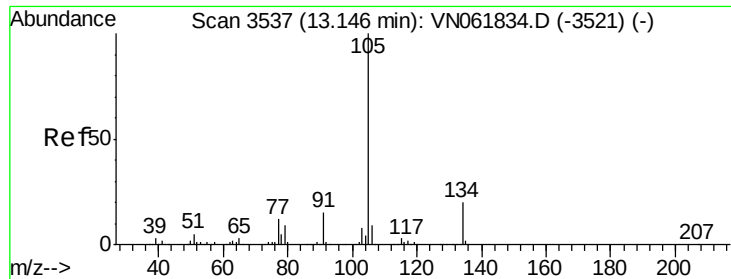
Tgt Ion:119 Resp: 352424
 Ion Ratio Lower Upper
 119 100
 91 63.6 31.5 94.5
 134 27.0 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 54.172 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

Tgt Ion:105 Resp: 428674
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.3 69.9





#85

sec-Butylbenzene

Concen: 53.674 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

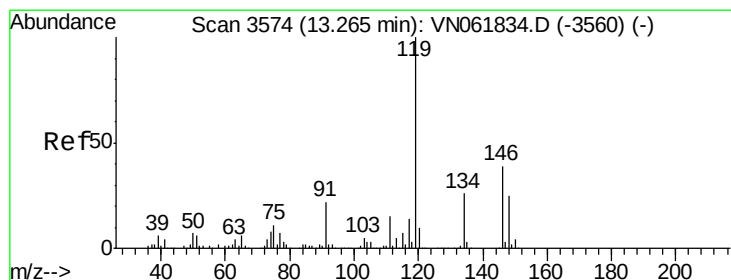
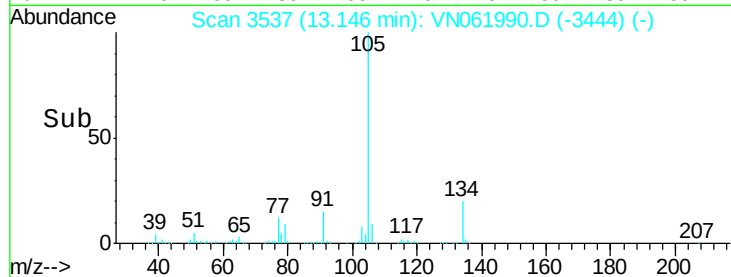
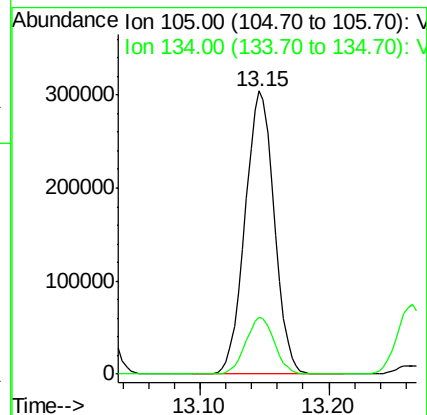
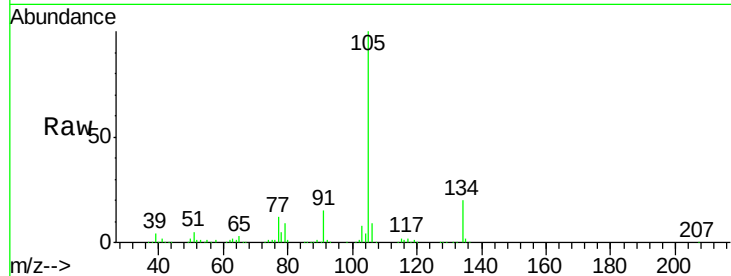
VSTDCCC050

Tgt Ion:105 Resp: 477443

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.508 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061990.D

Acq: 22 Jun 2020 11:02

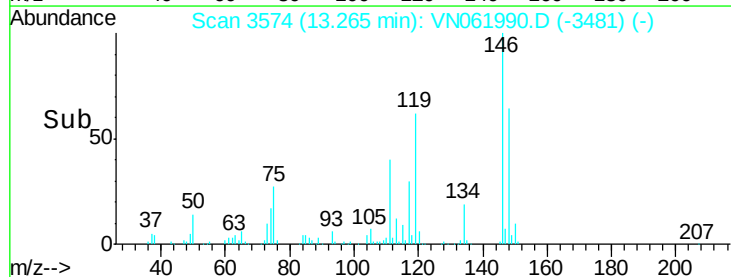
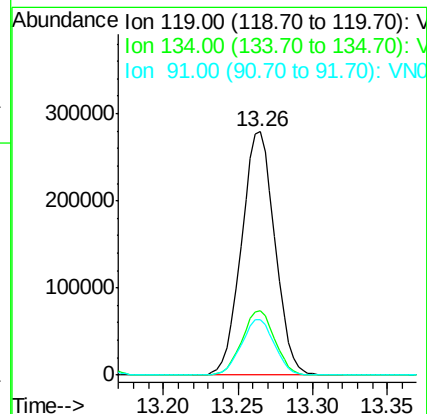
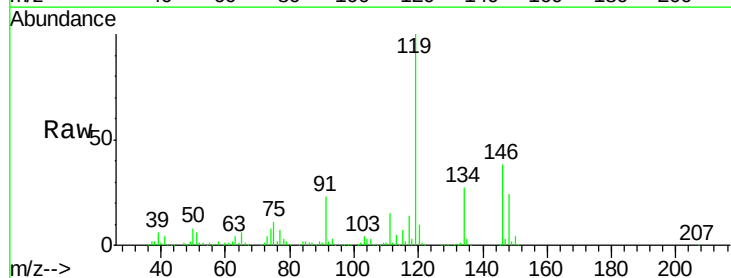
Tgt Ion:119 Resp: 432052

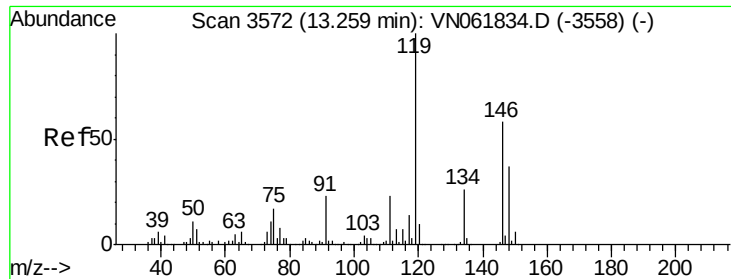
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 22.8 11.2 33.6

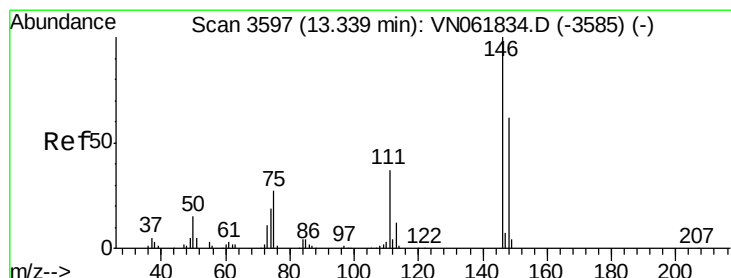
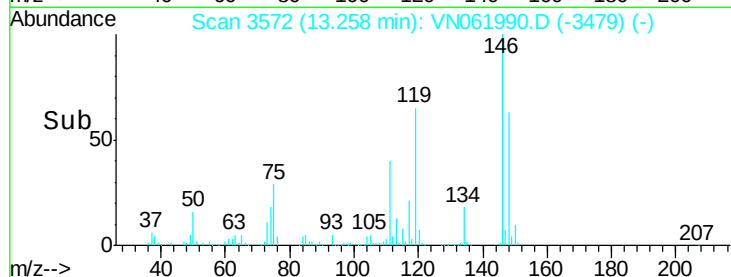
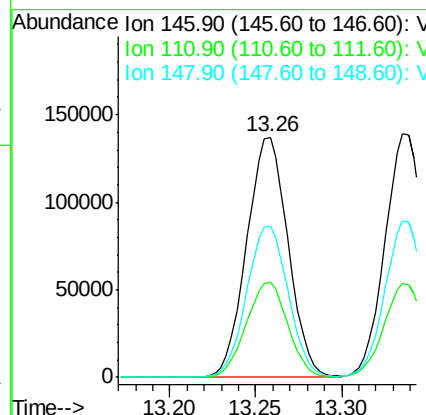
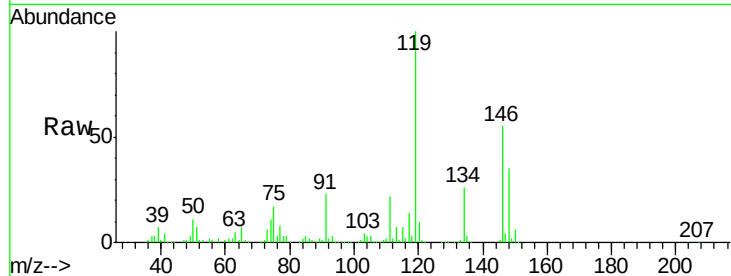




#87
 1,3-Dichlorobenzene
 Concen: 51.351 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

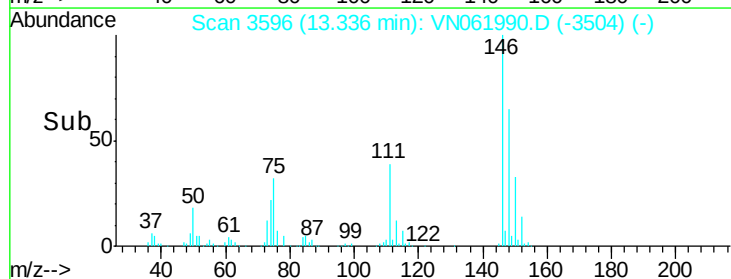
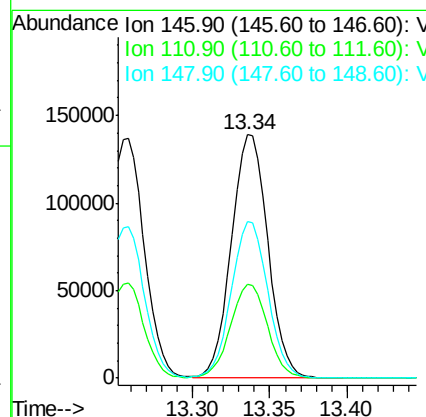
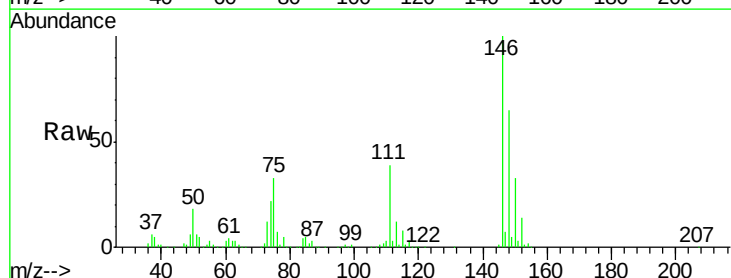
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

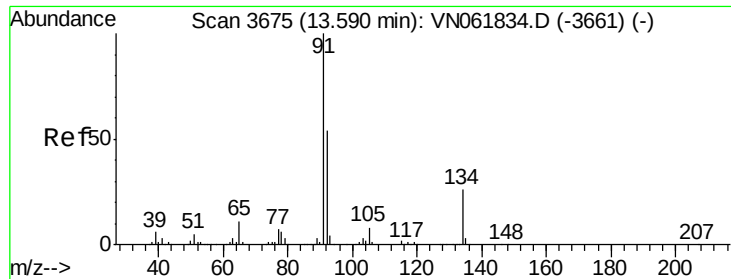
Tgt Ion:146 Resp: 228947
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.6 58.8
 148 63.2 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.655 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

Tgt Ion:146 Resp: 226615
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.3 57.8
 148 64.5 31.6 94.7

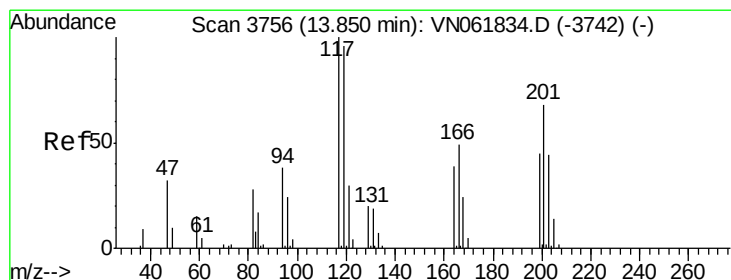
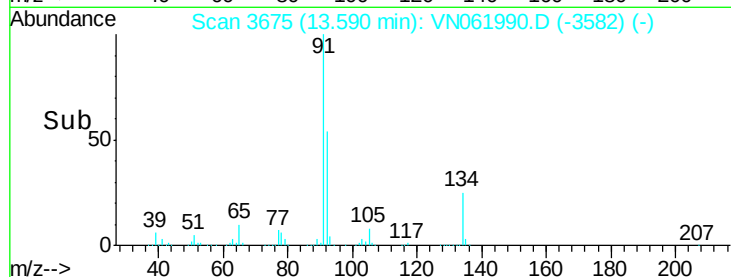
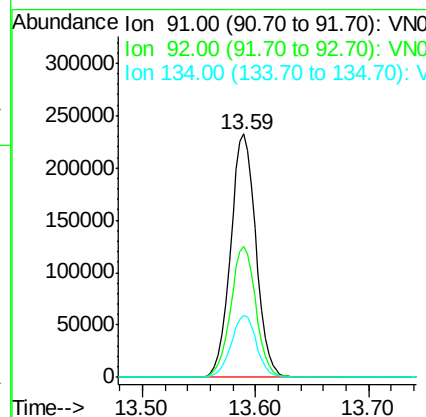
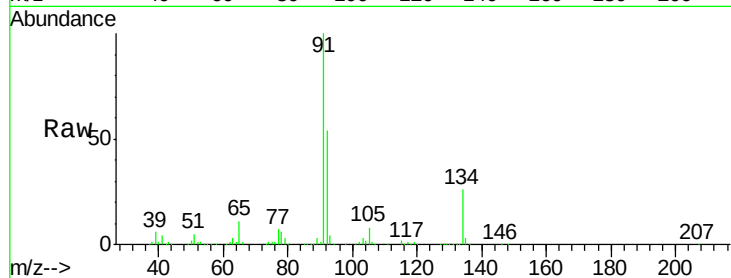




#89
n-Butylbenzene
Concen: 54.535 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

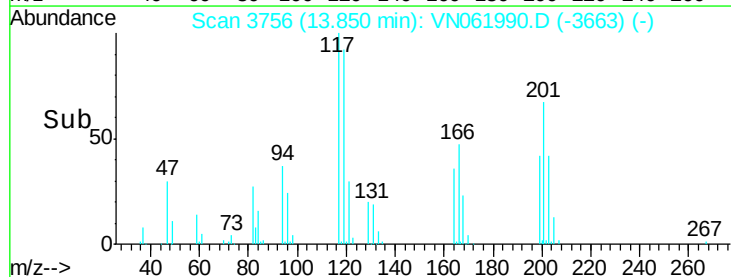
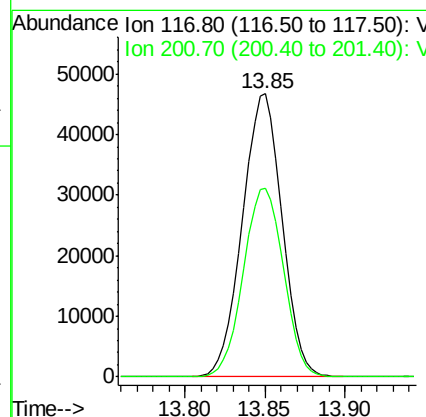
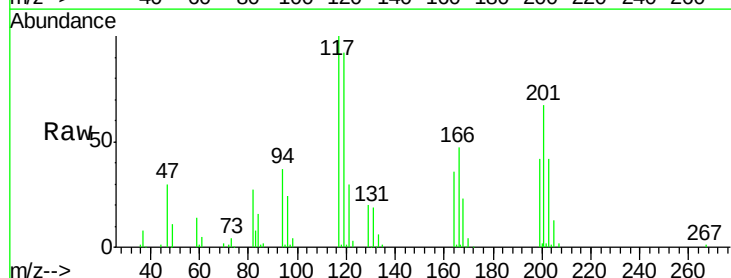
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

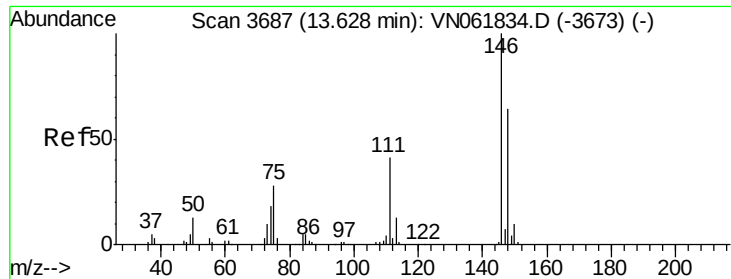
Tgt Ion: 91 Resp: 361000
Ion Ratio Lower Upper
91 100
92 53.5 27.0 80.8
134 25.5 13.0 39.0



#90
Hexachloroethane
Concen: 54.538 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion: 117 Resp: 79131
Ion Ratio Lower Upper
117 100
201 67.4 34.6 103.8

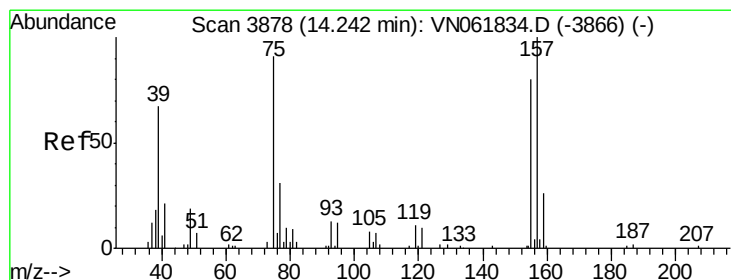
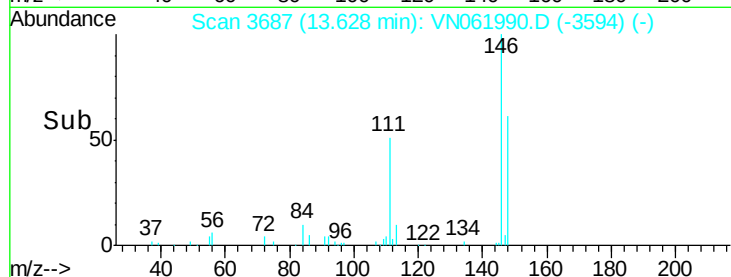
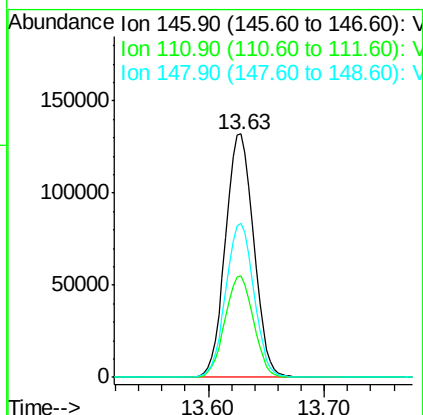
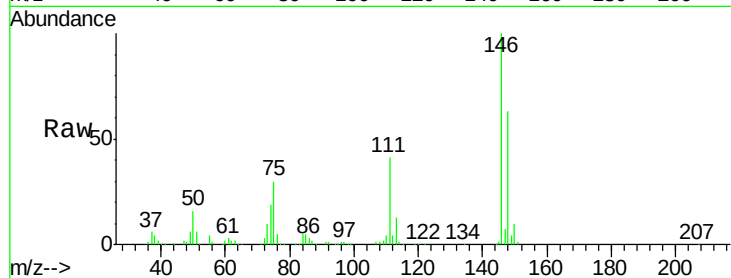




#91
 1,2-Dichlorobenzene
 Concen: 51.851 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

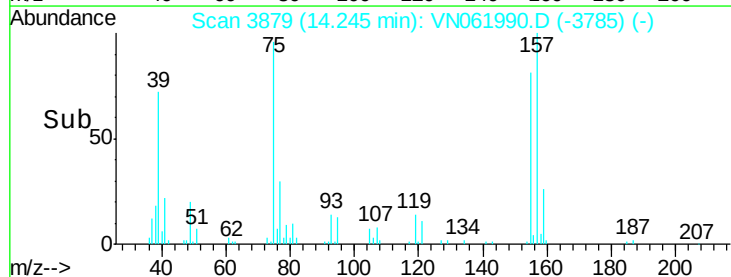
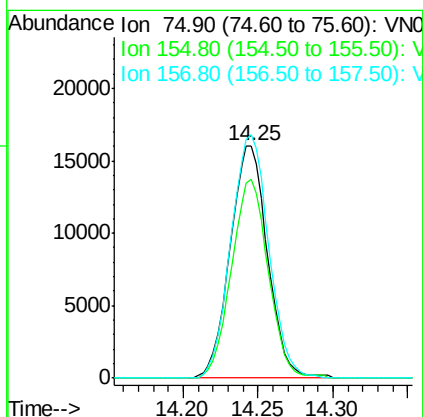
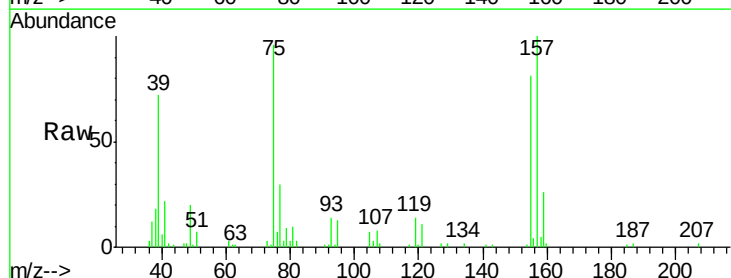
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

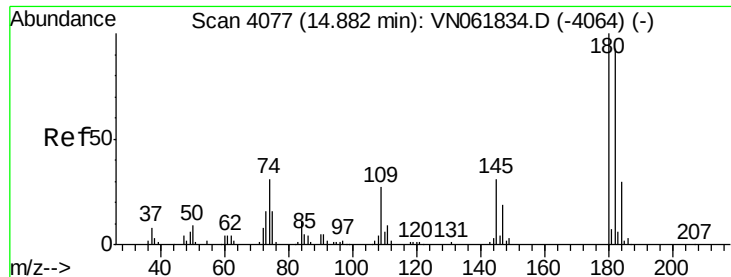
Tgt Ion:146 Resp: 222558
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.4 61.2
 148 62.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.539 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

Tgt Ion: 75 Resp: 27893
 Ion Ratio Lower Upper
 75 100
 155 83.5 44.4 133.2
 157 105.9 57.0 171.2

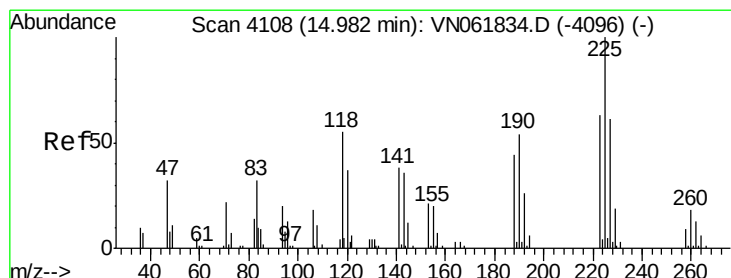
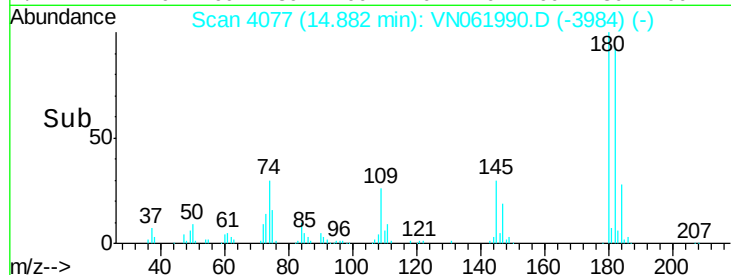
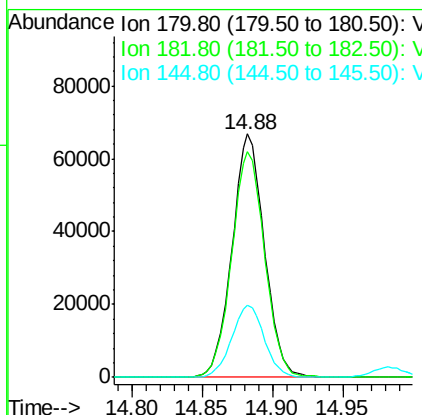
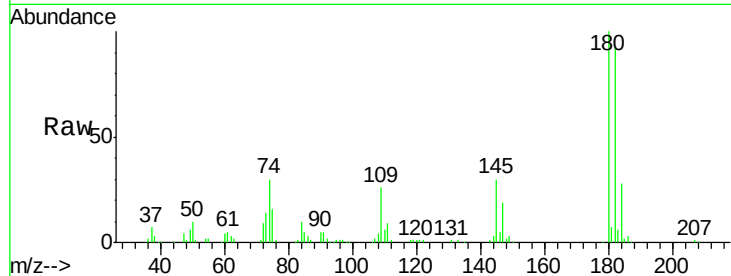




#93
 1,2,4-Trichlorobenzene
 Concen: 52.958 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

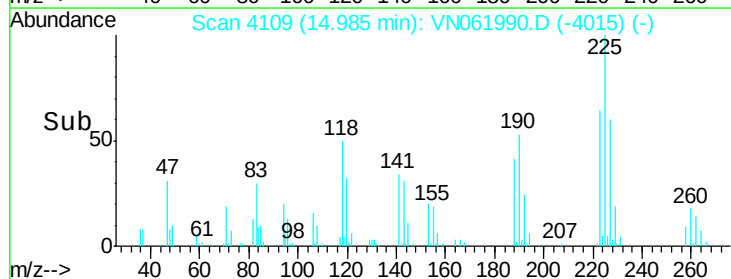
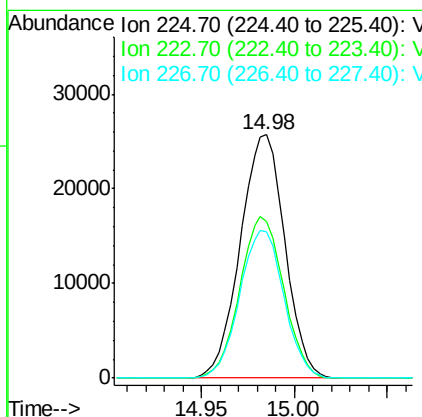
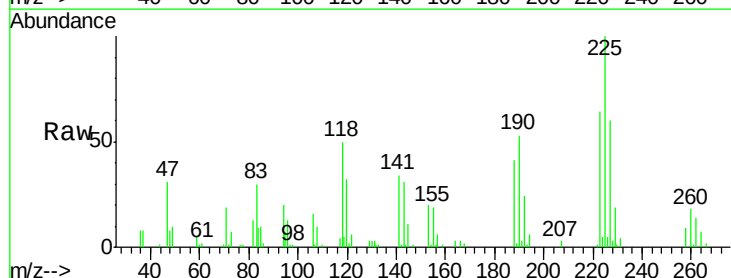
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

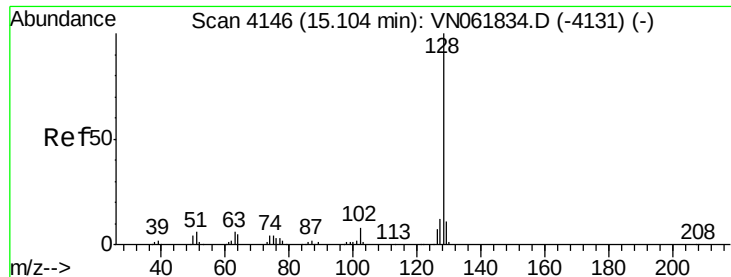
Tgt Ion:180 Resp: 107262
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.0 141.2
 145 29.8 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 54.093 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061990.D
 Acq: 22 Jun 2020 11:02

Tgt Ion:225 Resp: 43151
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.7 95.1
 227 59.9 30.1 90.3

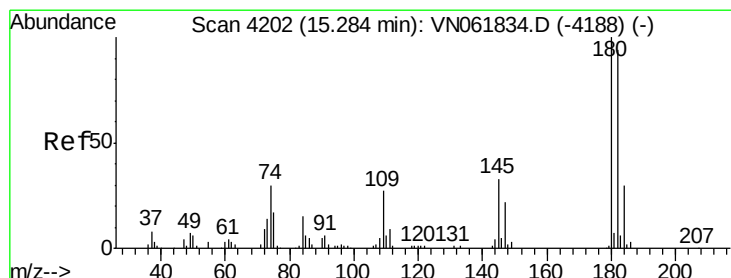
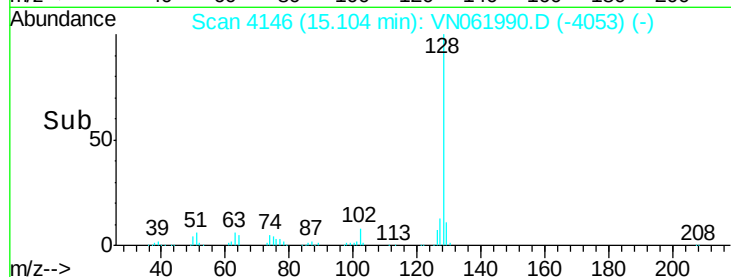
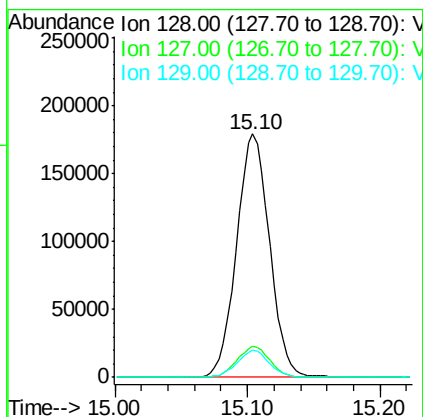
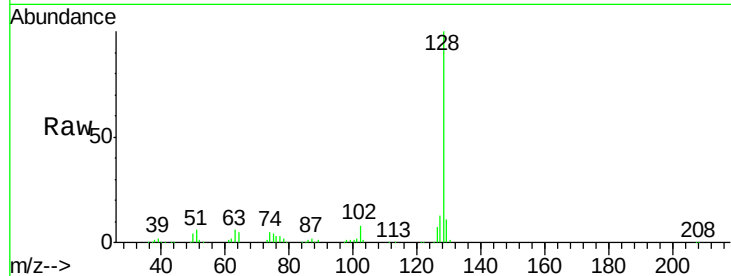




#95
Naphthalene
Concen: 45.887 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 309146
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.849 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061990.D
Acq: 22 Jun 2020 11:02

Tgt Ion:180 Resp: 108015
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 32.6 16.5 49.5

